

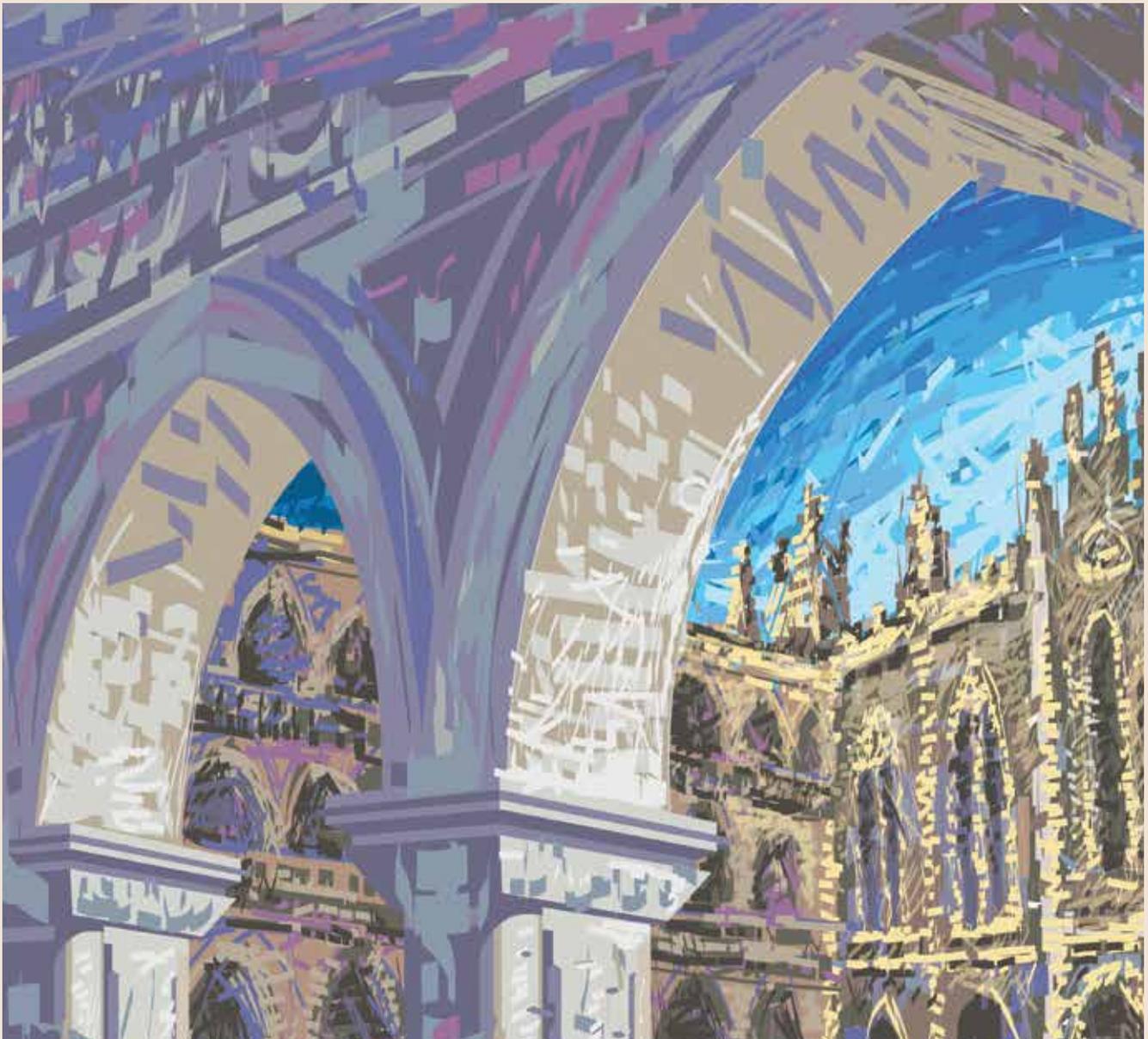
ST. XAVIER'S COLLEGE, MUMBAI



150

Est. 1869 | YEARS

MADE OF
XAVIER'S



ST. XAVIER'S COLLEGE

(Autonomous)

MAGAZINE 2018-2019

CELEBRATING 150 YEARS - ALUMNI DINNER ON 3RD JANUARY, 2019



Our Alumni Mr. Sabbas Joseph, Co-founder & Director, WIZCRAFT, Mr. Josy Paul, Chairman, BBDO with Principal Rajendra Shinde



Our Alumna Ms. Shabana Azmi at the "Made of Xavier's" recital



Our Alumni Mr. Sabbas Joseph with Mr. Sunil Gavaskar



The Principal and the Jesuits at the alumni dinner



Our alumni, M.M. Somaya, former Indian Hockey Player of the team that won gold medal at the 1980 Moscow Summer Olympic Games.



Dr. Aadil S. Chagla, our Alumni



The legendary (former) Librarian Mr. Dominic Fernandes



Our Alumni Rajdeep Sardesai and Sunil Gavaskar

ACKNOWLEDGEMENTS

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Principal

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EDITORIAL

Deeds more than Years

From January 1869 to January 2019, St. Xavier's College has traversed 150 years. While harking back over the last century and a half, one can only marvel at this journey. Crafted and designed in the "Jesuit foundry", this college is a living legacy of the magnificent foresight of our visionary predecessors. Every stone in this great institution bears the indelible mark of the enduring dream of our past luminaries. The gargoyles who have watched every event here; the omniscient and perennial architecture; the glorious arches which canopied everyone who walked through Xavier's; the grand library that houses a 'precious gold-mine' of books; the exquisite college hall where art continues to flourish; the chapel that is imbued with the pursuit of truth, beauty, goodness and faith; the hostel where harmony and camaraderie thrive; the gymkhana where men and women learn about fairplay and justice are extensions of the past and yet are contemporary.

*Founded by German Jesuits in 1869, this college has cascaded into a repository of the voluminous endeavors undertaken by undaunted and creative educational leaders and thinkers. This is where glass ceilings were broken to celebrate various diversities; this is the place where the humble rose from ashes to glory. Xavier's has matched the strides of changing times both in teaching-learning and administration. Autonomy came beckoning and we adopted it in 2010, embracing its trials and triumphs. The ascendance of non-Jesuit Principals was another glorious step. Tomes and reams cannot fathom or portray the impact that Xavier's has had on generations of people from India and the world. The ones Made of Xavier's are "the stuff that dreams are made on" as Prospero says in *The Tempest*. While we are jubilant about the sesquicentenary, we believe it is the deeds that matter more than the years as echoed in the words raised in honor of Fr. Palacios: "we live in deeds not in years."*

This year's magazine is a miniscule attempt at encompassing the year 2018-2019 which heralded the year long celebration of the sesquicentenary.

Dr. Rashmi Lee George

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Message from the Rector



During this sesquicentennial year, we have a multitude of gifts for which to be grateful: intrepid founders, awesome heritage buildings, inspiring ex-teachers, dedicated present faculty, committed non-teaching staff, industrious students and of course our alumni who do us proud in so many spheres of social life all over the country and beyond.

*Our motto *Provocans ad Volandum* ("Challenging to Fly") is an invitation not only to excel, but to do so collaboratively and constructively. Our vision at Xavier's is to motivate each of our students to nurture three very special values: to be professionally innovative, to be persons of integrity and to be socially inclusive.*

To be professionally innovative is to add unique value to the world, by way of critical thinking and creative expression, not only in our areas of specialization, but even in our social interventions. Xavierites need to engage with the world creatively, courageously and compassionately.

To be persons of integrity is to demonstrate depth and balance in the most basic aspects of human development: spiritual, moral, emotional, interpersonal and social. The world is in dire need of a critical mass of persons who can exercise moral authority and sound and selfless leadership.

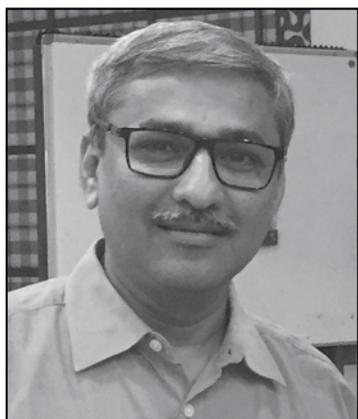
To be socially inclusive is to embrace a wider swath of people into our circles of concern and engagement, irrespective of nationality, religion, race, gender, caste, etc. Dispositions of broad-mindedness and large-heartedness make it easier for social wounds to heal, and create apt conditions for reconciliation and harmony to prevail.

Many of our alumni have done us proud by personalizing these values and demonstrating them in their areas of competence and leadership. We would like a Xavier's education to continue to have this lasting impact, because we believe that each of our students has something special to offer, which will make our nation and our world a better and safer place and our human community feel more like a family.

This is our prayer and our endeavour. Help us to transform this vision and passion into reality.

Fr. (Dr.) Keith D'Souza, S.J.

From the Principal's Desk



After its establishment in the year 1869, St. Xavier's College, an iconic institution of Higher Education has been playing its role in nation-building. True to its vision and its key values, Innovation, Integration and Inclusion, the college has always strived to inculcate these principles in our young students' minds. The 150th year of the college is also a time to reflect upon the growth-trajectory of this great institution called St. Xavier's, that was founded by the Jesuits.

During the last three academic years, St. Xavier's has been applying for the National Institutional Ranking Framework, Government of India ranking system and for all three years, has been placed among the top 100 institutions of our country. In the year 2018-2019, we have been placed 96th in this all India NIRF ranking. I wish to place on record that St. Xavier's was the only Arts, Science & Commerce College from Mumbai to rank among the top 100 colleges for the last three years.

St. Xavier's College has been recognized as the BEST EDUCATION BRAND 2018-19 by the Economic Times. The Inclusion Cell of the College (led by Dr Sam Taraporevala) is to be lauded, for through their efforts the College has been conferred the Nipman Foundation Microsoft Equal Opportunity Awards 2018 in the Enabler Category of Inclusive Schools – Higher Education.

On 31st August 2018, Dr Agnelo Menezes retired as the 23rd Principal of the college on 31st August, 2018. The St. Xavier's College Management took a historic step appointing me as the first non-Catholic member from its own teaching faculty, as Principal.

The Inaugural Mass of our Sesquicentennial Celebrations was held in the College Hall on 29 Dec 2018. This solemn ceremony was attended by many former Xavierites (including about 40 priests) as well as many of our current and former teaching and non-teaching colleagues. In his homily, Oswald Cardinal Gracias (the Chief Celebrant along with Fr Keith D'Souza SJ and Fr Arun DeSouza SJ) recalled his days as a student in Xavier's and applauded the 3-I's of our Vision-Mission Statement. This was followed by a fabulous Alumni Fund Raising Dinner on 3rd Jan 2019 at Cooperage. In addition to 800 alumni, this grand function was attended by many renowned ex-Xavierites such as Rajdeep Sardesai, Sunil Gavaskar, Shabana Azmi, Mr. Roger Pereira, Josy Paul, Sabbas Joseph and retired professors from various departments. The visit by the Superior General from the Vatican, Fr. Arturo Sosa, was the highlight of the 150th year programme.

Nine of our faculty members received University Teachers Research Grant this year. Six departments of St. Xavier's College have been awarded the Star Status by the Department of Biotechnology, Govt. of India since 2016. Two more departments – Mathematics and Statistics have been added to the Star Scheme. This has helped us to implement project based learning and strengthen our Autonomy. In the month of October 2018, the college was awarded Rs. 5 crore grant by RUSA (Rashtriya Uchchatar Shiksha Abhiyan), for the development of infrastructure. We were one of the eight colleges selected by the MHRD for this prestigious grant. As a part of Nation-wide programme, we were chosen to be the part of the Hon. Prime Minister's Digital Launch of the Innovation and Skill Hub Centre in the College. Hon. Education Minister of Maharashtra, Shri Vinod Tarde unveiled the curtain of the new Innovation and Skill Hub Centre at Xavier's, immediately after the Hon. Prime

Minister digitally launched 200 such centres across India, on 3rd Feb 2019. St. Xavier's organized a National Level Entrepreneur Seminar on the same day during the pre-launch session.

As part of our sesquicentennial celebrations an International Science Conference was held on the theme : "From Health to Well Being: An Interdisciplinary Approach from Fundamental Sciences to Translation Medicine." It was organized in collaboration with Creighton University, Omaha (USA) from 9th-11th Jan 2019. A daylong seminar was held by the Department of Botany, in collaboration with the National Society of the Friends of the Trees conducting a National Conference on Climate, Vegetation and Rivers. The Zoology Dept was the co-host. The Confluence, one-day interdisciplinary seminar, was organized by the Dept. of Statistics, BMM & BMS on the theme 'Statistics in Business & Media – Comprehending the Data Storm. A two-day conference on "Celebrating Mahatma Gandhi" was held on 15-16 Feb 2019. A French Conference was organized by the French Department for the French teachers across the country. The Department of Statistics has offered a skill based and value-added 3-month Certificate Course for TY students of our college on Machine Learning (ML) and Artificial Intelligence (AI).

Besides academic activities, we nurture the talents of our students with festivals like Malhar, Volantus, Lingua, Sitare and Aamod that help to bring out the hidden talents of our students. On the academic front, through XPlore, our research journal, we have been encouraging our faculty to publish some quality research papers. I am happy to state here that quality of this journal has been applauded by the UGC, and recently our journal has been listed on UGC – CARE.

The footprints of our students in community services are widely seen. As our College is a partner with the CMO programme SAHABHAG, we send our students to help women artisans for purposes like launching their products on the Internet, learning how to use Internet Banking, etc. Our Economics students have participated in the Chief Minister's Mahila Vikas Mandal Program and Sahabhag, Social Responsibility Cell of the Chief Minister's Office, Maharashtra. Our Botany Department students have helped in identifying the flora of the Dahanu Taluka, in collaboration with KASHITAKARI SANGATHANA, Dahanu. This was undertaken to help local Adivasis to prepare the local People's Biodiversity Registers. In addition, the Blatter Herbarium participated in the 58th Vegetable and Flower show organized by the National Society of the Friends of the Trees, at Ruparel College. Rare Books and Herbarium specimens were displayed by the BLAT and about 30-40000 citizens visited the popular exhibition on 9 and 10 Feb 2019. The Caius Research Lab conducted a Workshop on Training of Trainers for 26 BMC school Teachers (7th and 8th Standards) in association with the NGO Mukhtangan.

Our Sports Day was held at the University of Mumbai Ground: A large number of Junior College students as well as many of the Teaching and Non-Teaching staff attended this programme. We would like to place our gratitude on record towards the Authorities of the University for providing the sport ground to organize this sports day.

The Student Inclusion Cell (under the supervision of Ms. Neha Trivedi from XRCVC) held its 2-day programme, Mosaic 2019. This event aimed at promoting inclusion and accessibility among students on the campus. On behalf of XRCVC, Ms Neha Trivedi conducted an 'I For Inclusion' programme for around 50 B.Ed. students of Thakur Shyamnarayan College of Education & Research as part of their Inclusive School Course.

St. Xavier's acknowledges the role our present students have played in building up our tradition of excellence, with a vibrant Student Council and an Extra-Curricular Committee, backed by Faculty Advisors. Numerous student

organizations, many connected with the Departments, organize events which gain the wider participation of students drawn from the whole college and add to the life on campus. The Council of International Programmes, the Social Involvement Programme and the Placement Committee of the College have earned their permanent status as crucial elements of the Xavier's tradition.

We have a very active Council for International Programmes. We have student exchange programmes with the University of California, Berkeley, USA; Science Po, Paris; St. Louis University, USA; University of Stuttgart, Germany; SOAS, London; Liverpool Hope University, UK; SOKA University, Japan to name a few. Besides these we have been regularly participating in the Harvard College in Asia Programme (HCAP). Recently our faculty have successfully completed a faculty exchange program with the Farmer School of Business, University of Miami, USA. Our junior college students participate in the exchange program with Astolfo Lunardi School, Brescia, Italy and through EuMind Programme, with Belgium school.). At the National level, we have a student exchange programme with St. Xavier's College, Jaipur

The Collaborative Undergraduate Biology Education (CUBE) has conferred the D. D. Kosambi Award 2019 to Dr Seema Das for cultivating a scientific temper by remodeling the curriculum at the delivery stage. FJBS students Arjun Udupa, Bivas Nag and Kabeer Nadkarni were awarded the D. D. Kosambi Young Scientist Award 2019.

Our Congratulations to Mr. Anthony Thomas, Lab Assistant, Zoology Dept on being conferred the Best Non-Teaching Staff Award 2018 by Ashashakiya Mahavidyalayeen Shikshaketar Karmachari Sangh.

With such foundations, we look forward to marching through the 150th year of the College, with a confidence that St. Xavier's is doing its bit to build a strong and vibrant nation, with justice for all, a high quality of life for the majority and a plural, inclusive and democratic tradition.

Dr. Rajendra D. Shinde
Principal

The recreation of the grown-up is often taken merely as a change and, within certain limits, any distraction from the daily task, will do. In the young, on the contrary, recreation is part of their development; everything is absorbed at that age. No mental screening is there as a second nature such as we adults have to develop and practise in social and business intercourse.

EDUCATIONAL FILMS - Fr. Gonzalo Palacios de Borao S.J, Principal 1933 - 1940

FROM THE OFFICE OF THE VICE-PRINCIPAL (ACADEMICS)



A big thank you to Dr. Baptist Agnel 'Aggie' Menezes, the previous Principal of St. Xavier's College who retired on 31st August, 2018. He will be remembered for all his efforts especially in keeping the unity and good relations between students and teachers. His mentorship and guidance helped countless students and faculty. Likewise, much gratitude to Dr. Rajendra Shinde who stepped in as the new Principal in September 2018 and has continued to be of great service to the institution till date. I would also like to say thanks to Dr. Rashmi George for her good work since taking over

as the International Programmes in-charge and continuing to help with the college magazine for all these years.

The Office of the Vice-Principal (Academics) has been packed with schedules, meetings, seminars, tough decisions, happy moments and above all much cherished support from the faculty and students of St. Xavier's College! A big word of thanks to the support and efforts of the Academic Council, Principal – Dr. Rajendra Shinde, Vice-Principal (Science) Dr. Hrishikesh Samant, Vice-Principal (Arts) Ms. S. Annapurna, Vice-Principal (Junior College) Ms. Vaishali Mohoni, Rector Dr. Keith D'Souza, S.J. and our new IQAC Director Dr. Nandita Mangalore

HONOURS PROGRAMME and DQAC: A total of hundred and three students received their Honours Certificates at their Graduation Ceremony held faculty wise. More than six hundred and seventy students registered for the Honours Programme in the year 2018-2019. The departments offered and organised fifty-five activities that included lecture series, workshops, film weeks, research projects, review of research articles, literature survey, book reviews, Summer School, Arthiniti

and even Khandala seminars where papers were presented. The objective of involvement in the subject beyond the regular curriculum was definitely met. A big thank you to Dr. Radha Kumar, Faculty Coordinator, Hub-Cordinators: Dr. Abhilasha Jain and Dr. Piyali Unnikrishnan (Physical Sciences), Dr. Pearl Pastakia and Manali Pawar (Lingua), Dr. Priya Sundarrajan (Bio-Sciences) and all the Honours Coordinators from the various Departments, Mr. Subhash Kumar for the software designing, layouts and printing of certificates assisted by Ms. Jemima Almeida. The Honours Programme has been in existence for the last thirty-four years or more here at Xavier's. After Xavier's got Autonomy many of the courses offered in the Honours Programme moved to mainstream classes. This took the overall academics of the College to a higher level. However, there is always that segment of students who can handle bigger challenges. Hence, the Honours Programme continued to be offered by a few faculty stalwarts. I am grateful to the faculty for their work in the Honours Programme and their service as DQAC Coordinators of their respective departments (see table).

DEPARTMENT	HONOURS COORDINATORS	DQAC COORDINATORS
BOTANY	Vijaya Lobo	Vijaya Lobo
CHEMISTRY	Abhilasha Jain	Geeta Kotian
LIFE SCIENCE	Manasi Kanuga	Radhika Tendulkar
MICROBIOLOGY	Pampi Chakraborty	Karuna Gokarn
PHYSICS	K. Vedasankari	Rohan Jadhav
ZOOLOGY	Sujata Deshpande	Smita Krishnan
STATISTICS	Piyali Unnikrishnan	Saju George
ECONOMICS	Manali Pawar	Rahul Menon
AIC	Anita Rane-Kothare	Radha Kumar
ENGLISH	Pearl Pastakia	Prasita Mukherjee
FRENCH	-	Alpana Palkhiwale
SOCIOLOGY	Pranoti Chirmuley	Pranoti Chirmuley
MASS MEDIA	Akshara Jadhav	Periyanayagi S.
MANAGEMENT STUDIES	Pritesh Arte	Soni George
INFORMATION TECHNOLOGY	Subhash Kumar	Lydia Fernandes
INTERRELIGIOUS STUDIES	Fr. Prashant Olalekar	-
SIP	Agnelo Menezes	-
HERAS	Joan Dias	-
LIBRARY	-	Medha Taskar

DEPARTMENT	HONOURS COORDINATORS	DQAC COORDINATORS
IMG	Bhaskar Saha	-
PUBLIC POLICY	-	Awanish Kumar
SOFTWARE DEVELOPMENT	-	Jyoti Singh
TOURISM	Siddhi Bhatnagara	Radhika Rani
BIOTECHNOLOGY	Shiney Peter	Norine D'souza
COMMERCE	Suvaiba Pirani	Suvaiba Pirani
HINDI	Bhagwati Upadhyay	Bhagwati Upadhyay
HISTORY	-	Kaizeen Jehangir
POLITICAL SCIENCE	-	Pratiba Naithani
PSYCHOLOGY	Ruby Pavri	Karen Almeida
GEOLOGY	-	Bobby Mathew
MATHEMATICS	-	Ashok Bingi

A number of faculty were sent for IQAC seminars organized by different colleges during the academic year. As part of improving systems and quality on campus and bringing in new ideas, we held a number of meetings with faculty, alumni and students to plan for the 150 years celebrations as well as to garner resources through the Xavier's Development Programme. A separate report appears elsewhere in this magazine.

TAQ: The Teacher Assessment Questionnaire (TAQ) was instituted at Xavier's in 1969 before it became mandatory for any educational institution. The teaching assessment of 62 unconfirmed Arts and Science Faculty (including PG) was conducted in the odd semester and 179 Arts faculty and Science Faculty was done in the even semester including the self-financing course of Information Technology. A big thank you to: Prof. Ayesha Dias (Convenor), Prof. Sangeeta Chavan, Prof. Saju George, Prof. Alpana Palkhiwale, Prof. Pushpa Sinkar and various senior faculty who pitched in.

A sincere appreciation to all the faculty who participated in the seminars organized as part of human resource development of IQAC. We conducted three Young Teachers' Seminars during the academic year. On 20th July, 2018: the topic was *Knowledge Sharing in Xavier's* for which the resource persons were Fr. Keith D'Souza S.J. (who spoke on Ignatian Values), Dr. S. Annapurna and Ms. Vaishali Mohoni. On 27th

September, 2018 the topics were *Setting MCQs* by Dr. Nandita Mangalore, *'Enjoying being a Xavier's Teacher-Keeping yourself in peak form'* by Fr. Francis de Melo, S.J. On 23rd April, 2019: Mr. Marazban Kotwal and Dr. Ashma Aggarwal conducted a session on the topic *'Evaluation of the year and assessment of question papers'* followed by another session conducted by Ms. Neha Trivedi on the topic *'Inclusive Education at Xavier's'*.

Two faculty seminars were organised by the PGDBT and IQAC organised a seminar on *"Inculcating a Culture of Pedagogic Research Informed Teaching Practice"* for Science Faculty and another seminar on 'The role of the University in a changing world', by Prof. Gerald Pillay, Vice-Chancellor, Liverpool Hope University on 20th February, 2019 for Arts Faculty separately.

In April 2019, Dr. Keith D'Souza organised a workshop touching the idea of Xavier's step towards becoming a university. Fr. Swebert D'Silva, SJ, the Director of the St. Joseph's Law College in Bangalore was the main resource person. A newly constituted College Development Committee came into force on 27th April, A NAAC workshop was organised for the senior college faculty by the new IQAC team.

In June 2019, the seventh autonomous batch was treated to a grand Graduation Ceremony spread over three days i.e. 20th, 21st and 22nd of June 2019. A big word of thanks to Dr. Ashma Aggarwal

and Mr. Conrad Cabral who played a stellar role in the organisation. Thanks to the dedication, time and hard work put in by the Faculty on the respective days, the Heads of Departments, Dr. Geeta Kotian and the Scholarship committee, Mr. Bipin Patil, Anand Alphonso, Shainy, and the rest of the General Office staff, Controller of Exams: Mr. Marazban Kotwal, Hoshang Master, Ms. Fiona, Mr. Lennox and the Exam Committee, Dr. Conrad Pessa S.J. and the Treasurer's Office, Mr. Kamal Dhaundiyal our Administrator and the Karmacharis, our receptionists - Shemaine, Sunita, Gloria who answered and entertained all queries by the graduating students, Dinesh, Francis, Mr. Kevin D'Cruz, Mr. Swapnil Bagwe, Mr. Yogi, and Mr. Sanjay for the sound and live screening and streaming on YouTube and across various multimedia venues on campus, Rajesh Mahadik for photography, Ms. Periyanyagi S., Dr. Bobby Matthew, Dr. Bhaskar Saha, Dr. Shiney Peter for managing the various venues, Dr. Smita Krishnan and the Hospitality committee for refreshments, Dr. Ayesha Dias and the Finance committee, ECC, Student Council, XDP, student volunteers and many others who all ensured a smooth functioning of the event and made it a memorable day for the students and parents.

We are grateful to God for the 150 years of the College and look forward to incubating the future, Xaviers 2050!

Dr. (Fr.) Roy Pereira, S.J.

COMMENCEMENT SPEECH-2018-19



Commencement Speech to the Batch of 2018-19

-Chief Guest Ms. Usha Thorat, Former Deputy Governor of Reserve Bank of India

Rector, Father D'souza, Principal - Dr. Rajendra Shinde, Vice-Principals Dr. Hrishikesh Samant, Dr. Annapurna, faculty, Graduating students and their parents.

It is indeed an honour to have been invited to deliver the address at the convocation ceremony of this distinguished institution. I particularly value this invitation as both my daughters graduated from Xavier's in the Arts stream in 1998 and 2001 respectively. I can still recollect the all-round education they received –apart from academic inputs, they inculcated leadership qualities through Malhar and various team events, developed appreciation of the performing arts through the festivals of music, theatre, dance and passion for literature and creative writing from icons like Eunice Dsouza and the student run literary magazine *Ithaca*, got a sense of service to the disadvantaged through engagement with organisations like Akanksha and Spastics Society. They even got an opportunity to get an Honours certificate by opting for an out- of- curriculum academic credit programs -I remember the one in economics by Mathews. After Xavier's,

my elder daughter went to Cambridge and the younger to Oxford. What they are today- empowered, professional women, committed to society and family - owes to this institution. I am grateful for this opportunity to say a big thank you to Xavier's.

My sincere congratulations to all those who are passing out today. It is a credit you have completed your degrees and for those who have got special awards and honours, I appreciate the efforts you must have put in. Your college is one of those in the front rank and you are fortunate to have studied in it. I wish you all the best in your further education and careers.

I thought I would share a perception of what the next couple of decades may look like and the kind of challenges you may need to equip yourself for. I will also share a few lessons I have learnt in my career and life that could perhaps be relevant to you as you venture forth in the world.

An OECD study published in 2018 provides the scenario for the world economy in 2060. This shows that India and China take up a rising share of world output (each accounting for 20 to 25 per cent of the global economy) as the world's economic centre of gravity shifts toward Asia. Living standards in high-growth emerging market and Eastern European economies converge most, driven by catch-up in trend labour efficiency, but GDP per capita in the BRIICS and some low-income OECD countries remains below half that of the United States in 2060.

PWC has identified five global mega trends viz. Shift in Global Economic Power, Demographic Change, Rapid Urbanization, Rise of Technology, and Climate Change/Resource Scarcity, that are macroeconomic and geostrategic forces that are shaping our world, and our collective futures in profound ways.

Of these the most relevant for you, is the role of technology. The Fourth Industrial Revolution is building on the Third, the digital revolution. It is characterized by a fusion of technologies that is blurring the lines between the physical, digital, and biological spheres. The

2018 World Economic Report on the *Future of Jobs* tries to arrive at a better understanding of the potential of new technologies, including automation and algorithms, to create new high-quality jobs and vastly improve the job quality and productivity of the existing work of human employees. *Augmentation* of existing jobs through technology is expected to create wholly new tasks— from app development to piloting drones to remotely monitoring patient health to certified care workers— opening up opportunities for an entirely new range of livelihoods for workers. At the same time, however, it is also clear that the Fourth Industrial Revolution's wave of technological advancement is set to reduce the number of workers required for certain work tasks. The analysis finds that increased demand for new roles will offset the decreasing demand for others. However, these net gains are not a foregone conclusion. They entail difficult transitions for millions of workers and the need for proactive investment in developing a new surge of agile learners and skilled talent globally.

The role of the human being will become more and more important, in the sense that those jobs and vocations will become more important where the skills intrinsic to the human being cannot be replicated by the machines. Human being's ability to function and cooperate as a cohesive society to achieve societal objectives, depends on the understanding of the human mind and functioning of society. Jaan Tallinn, the co founder of Skype now believes that we might be entering the first era of human history where we are not the dominant force on the planet and as we hand off our future to advanced AI, we should be sure that its morality is aligned with our own. In this context, fighting inequality might be even more important to protect the future. He has given a huge grant for research on stopping dangerous AI. I expect the liberal arts especially ethics, philosophy and social sciences to become more relevant. As student graduating from the Arts stream, I think you will find your education very useful as these skills become more important.

Obviously each one of us wants to succeed in life. The question however is what is success and that depends on what we aim to be or do in our life. Not that we can be very clear about it -in some cases, realisation dawns quite late. I may want to be a top sportsman, a top academic, a CEO of an MNC, an entrepreneur like Mark Zuckerberg or Jack Ma. Social media and internet today make us dream big and we want success very quickly. Considering the number of persons with similar aspirations, the probability of attaining the kind of success depicted by Mark Zuckerberg is rather remote. But each one of us has the potential *and* the capacity to become successful, inspirational and motivational in our unique way. But much depends on how we define success, how we choose our careers or vocations, how we adapt ourselves to changing circumstances, with what mind-set we approach life and how we convert second best options into first best ones. We need to also aspire for success in achieving social objectives and human welfare - and not only material success or positions of power. Abdul Kalam once said that much more than developing missiles, he considers his biggest success was in developing a low cost stent to save lives.

No matter how brilliant one is, you know by now, that there is no substitute for hard work and perseverance. Those with high academic achievements could not have made it only on the basis of their IQ and would have worked very hard. But the interesting lesson for success in life is that no matter how high your academic achievements are, there is no substitute for **emotional quotient EQ** - the ability to understand other people, what motivates them and how to negotiate and work cooperatively with them. Time and again, we see toppers in universities, unable to reach the top in their chosen careers, because of their poor interpersonal skills.

To a question how one should prepare for the future, Prof Yuval Noah Harari author of "21 Lessons for the 21st century" says the most important qualities to develop would be emotional intelligence and mental stability because one needs to reinvent oneself repeatedly in a world where technology is going to be so disruptive.

Emotional and mental stability are also needed to ensure that we do not allow ourselves to get too stressed or anxious about our performance. Social media results in constant comparison with another and this can drive one crazy. Pressures are already there from parents and others and it is not surprising there are so many cases of anxiety these days. Because of the stigma attached, help is often not taken in time and the position just worsens. This is something that colleges like Xavier's are conscious of. My daughter says that after years of being stifled at school, she could realise her potential only at Xavier's as, in Xavier's diversity and differences were celebrated. Listening to the words of your Anthem I now understand better what she means.

Another important lesson I have learnt is **humility**. When our batch of five officers joined RBI in 1972, we were the first direct entrants to a grade that others in the organisation took 15 to 20 years to reach. Naturally when we started out on the job training, there was hostility and cynical questioning of our competence. At least my colleague knew accounting as a commerce post graduate, but for me it was all Greek and Latin. We tried to explain that we had been able to join at a senior grade only because the RBI was trying a new policy and we happened to be the lucky few. It did not mean they were less competent. We learnt how to write the Day book and balance the accounts taking them as our gurus- this approach won us their hearts! In fact I would say the biggest plus of the probationary period was the establishment of good relations with the colleagues who were senior in age to us but whom we would be supervising very shortly.

We should also be aware of our own strengths and weaknesses so that we don't have unrealistic expectations. That brings me to my next lesson -the need to develop **self awareness**. We are usually aware of our own strengths -perhaps we may tend to even have an over inflated view of ourselves. But many of us are not aware of our weaknesses - some of us may also be aware of our weaknesses but in many cases we don't or at least don't want to recognise them. When I see my daughter's performance review or her children's reports, I am amazed

to see the details of the comments by her colleagues or her kids' teachers- they are so honest and constructive- focusing on strengths and weaknesses. Perhaps if we start giving and receiving such feedback, we can become more and more self-aware which is the first step to improving ourselves for achieving the kind of success we dream about.

I learnt of some of my very important weaknesses rather late in life. A management guru Prasad Kaipa, whom I had invited for conducting leadership exercises, brought home to me, how I was so very quick to point out defects in others. He told me how important it is to give positive feedback, if you want your negative feedback -however constructive and well meaning- to be of any use. He suggests 6 positive feedbacks to one negative one in offices and 12 to 1 within families! I can never forget his lesson. My husband certifies that I have changed a lot in this respect. When he used to show me something he had written or done proudly waiting for my praise I believe my first remarks would be critical and then the good points would follow -but that was too late! I am also very quick to suggest solutions when someone comes to me with a problem being faced by them. What they want is perhaps not solutions but just sympathetic listening!

Sitting in a succession planning meeting the other day, the CEO told us that, while searching for leaders in modern organisations they look for three things importantly-competence, aspiration and self awareness. Hence, becoming aware and acknowledge ones weakness is the first step in overcoming them and this helps in achieving ones goals better.

Perseverance and persistence are important ingredients for success. When in 2005, we in RBI launched the financial inclusion program for providing access to bank accounts for all, a tough obstacle was producing proof of identity and address - most poor people did not have such a document and were being denied a bank account. We suggested that banks could open small value accounts with introduction by a person on whom full KYC was done. Initially

this worked but then legislation was passed that required all the documents of identity and address. Back to square one . Repeatedly we took up the matter with the Government and after **nearly 8 years** they simplified the KYC requirements for small value bank accounts. Of course by then Aadhar had become universal -but still persistent paid.

Something I cherished in the RBI, was being able to **speak my mind and express my views freely**. Also that it paid to have an **open mind** to get the benefit of the best expertise and experience available, with no ego issues. I valued and encouraged these traits in my team – Dr Reddy former RBI Governor and my mentor used to say biodiversity is good. Having a variety of opinions and views allows organisations to be nimble and innovative. Considering nimble footedness, innovation and re-inventing oneself constantly are going to be of critical importance in the future, it is a good idea to speak your mind and formulate your independent views based on carefully sifted facts and analysis – not in a “I know it all, I am right “tone but gently and persuasively. Thinking out of the box is going to be valued while saying what you think the boss wants to hear may backfire. But as my father advised me ‘remember not to push yourself, push your idea.’

My daughter felt I should share something on whether and how I confronted gender issues -It was not

easy- struggling to juggle the various roles of a professional, wife, mother, daughter and daughter in law. At work, I can definitely say I confronted very few gender issues- the organisation was quite sympathetic to women in terms of posting and transfer. However I do recall one posting where I felt that my male boss was feeling threatened by my competence and tried to push me down at every opportunity and ignore my presence. My solution was to get myself transferred out -I don't think that was the right thing to do- I should have had the courage to confront him! I also remember that to make sure that, as women, we were heard, we had to become a little more aggressive and argumentative. I faced quite a few challenges in parenting as I was dependent on house helps. The stories of my helps could fill a book! In matters of housekeeping, mine was definitely the stereotype division of the role of the man and the women. Extended family obligations were also much more and this was another area where one juggled one's roles attempting to be a superwoman. I think the message here is that as women we should realise that we should not beat ourselves and instead try and achieve the best balance possible. The message is also that we have to learn to say no at times - without feeling guilty. As the old saying says ‘it takes a village to raise a child and doing it alone is impossible’ and all have a role to play.

Finally, I would like to share how my passion for nature that I nurtured

through hobbies like bird watching while in my career, has made me in my post retirement period turn to issues of climate change and conservation. These two threats viz. climate change and loss of biodiversity – are leaving the world's population and the future generations far more insecure in terms of basic needs such as water, food, energy and health. What is more, the impact is inequitable. The developing countries are affected more as they aspire for a consumption based model of development similar to the developed countries. Within the developing countries, the poor are more affected as they are more at risk. It is clear that we as a generation failed your generation because the maximum damage has perhaps occurred in the last thirty to forty years. Your generation need to raise your voices. Like the Swedish teenager, Greta Thunberg who has been leading a movement on climate change has been asking the question -what use is going to school if the future is so bleak?

Hence my final message to you is that as young global citizens you need to be pushing towards a model of economic growth and public policy that should deal with the issues of climate change and loss of biodiversity in a way that it leads to a more healthy, inclusive, secure and sustainable society. In whatever profession you choose I would like this overarching objective to remain with you. I wish you all the best in your future endeavours.



The Office of the Controller of Examinations

COLLEGE SCHOLARSHIPS 2017 - 2018

Sr. No	SR		Name of the Scholarship	Name of the Awardee
		A	POST FYJC	
1	A	1	the Cursetjee Framjee Wadia, Sir Sassoon J. David, Bai Rattanbai Bomanji Wadia and the Cowasji Jehangir Readymoney Scholarship for highest in FYJC Arts	Banerjee Rhea Anshuman
2	A	2	the Printer,Lukhansi Nappo, Edwin and Edith Noronha and Munshi Scholarship for highest at the F.Y.J. C. Science	Martires Henriques Jason
3	A	3	the Mrs. Amba C.P. Wadia Scholarship for a deserving Parsi boy highest at the FYJC examination.	Na
4	A	4	the Pragji Purshottam Bhatia and Vurdhman Jetsey Scholarship for a Hindu student with the highest average in FYJC (Arts or Science).	Yuga Kane
		B	POST SYJC	
5	B	1	the Fr.Dreckman, Rev. Frs. Boese, Usteri, Degan, Walrath, Boswin and Mrs.Hermina Miranda Scholarship for highest at the HSC examination (Science)	Deb Avantika Gitanjali
6	B	2	the Prof. Abbas,Ardeshir Dhunjishaw Lalkaka and Maneckjee Framjee Hormusjee Sethna Scholarship for highest aggregate at the HSC examination and continuing with FYBA.	Chawan Jui Prashant
7	B	3	the P. A. Hormasjee Wadia Scholarship to a Parsi lady student for highest in French at the HSC examination.	Pardiwala Kaizin Burjis Roshan
8	B	4	the Meenal Dinkar Rao Mugve Scholarship for highest in Chemistry at the H.S.C. examination.	Deb Avantika Gitanjali
9	B	5	the Fr.Sacasa's, Nadkarny-Kothare, Prof. R.N. Bhagwat Scholarship for highest in Chemistry at the H.S.C. examination.	Deb Avantika Gitanjali
10	B	6	the Parimal K. Shroff Prize for highest marks in Political Science at the HSC examination.	Aditi Chaturvedi Bhattacharya Rajpriya
11	B	7	the Mrs. Cyrilla Juliana D'Souza, Late Joseph Manuel D'Souza and John Damascene D'Almeida Scholarship for a deserving Catholic student in FYBA / BSc.	
12	B	8	the Khan Bahadur Burjorjie D. Patel, Sir Dinshaw M. Petit, and Ardeshir Hormasjee Wadia Fund Scholarship for a deserving Parsi student with the best aggregate at HSC examination	Billimoria Arnosh Rustom Shehnaz
13	B	9	The Late Anirudha Jayprakash Bhogle Scholarship for a deserving student with the highest marks in Biology at the HSC examination.	Kachi Drupad Santlall
14	B	10	the Neena Nigam Memorial Scholarship for higher learning	Samiksha Magar
		C	POST FYBA/FYBSc	
15	C	1	the Jehangir Bomanji,Tullakchand Maneckchand Vijbhukhandas Atmaram Mehta and the Caius Scholarship for highest aggregate at the FYBA Examination	Kashish Yudhviram Solanki
16	C	2	the Prof. C. D. Pinto, and Fr. Hamilton Scholarship for the highest in English Literature at the FYBA examination.	Sahir Avik Dilip Dsouza
17	C	3	the Hindi Sahitya Mandal Scholarship for highest in Hindi (Ancillary) at the FYBA examination.	Gupta Monali
18				Mousam Nagda
19	C	4	Meenal Dinkar Rao Mugve Scholarship for highest in Chemistry at the FYBSc examination and continuing with Chemistry in SYBSc.	Riyansha Anil Arora Riya Vijay Jotwani
20	C	5	the Fr. Sierp, Prof. S.K. Chhapgar for highest in Chemistry at the FYBSc examination and continuing with Chemistry in SYBSc.	Riyansha Anil Arora Riya Vijay Jotwani
21	C	6	the College Scholarship for highest at the F.Y.B.Sc.- IT examination	Chirag Manoj Jain
22	C	7	the College Scholarship for highest at the F.Y.B.M.M examination	Amanda Seraphina James
23	C	8	the College Scholarship for highest at the F.Y.B.M.S examination	Ayush Khanna
24	C	9	the Burjor Kaikobad Doctor, Khan Bahadur Hormusji Kharshedji Bhabha, and Dinshaw Shavakshaw Adenwalla Scholarship for a Parsi student highest in FYBA/ FYBSc examination.	Behram Kapadia

25	C	10	the Dr. Lewis Gomes and the Parsi Association, D.K.Kamdin and R.C Chanrai Scholarship for a deserving student in SYBSc/SYBA	Mohit Kumar
26	C	11	the Watumull Foundation Scholarship for highest in Accounts at the FYBCom examination.	Ankur Atreya
27	C	12	the Armand Francis Sequeira and the Ignatius Loyola Scholarship for highest in Economics at the FYBCom examination.	Ankur Atreya
28	C	13	the Late Squadron Leader O. J. D'Sena and the Late Mansoor Awan Scholarship for highest in Business Communication at the FYBCom examination.	Pereira Steven
1	C	15	Fredie A Mehta Scholarship for highest in Economics at the FYBA examination.	Sneha Rose Thomas
2	C	16	the A.V. Krishnamurti Scholarship for highest in Physics at FYBSc examination and continuing with Physics	Sudina S
3	C	17	the Dattatraya and Meera Mugve Scholarship for the highest aggregate at the FYBSc examination	Neha Shailesh Goregaokar
		D	POST SYBA/SYBSc	
32	D	1	the Sir Currimbhoy Ebrahim, Jamsetji Ardeshir Wadia and Joseph Manuel D'Souza Scholarship for highest at the SYBA examination.	Valmik Rege
33	D	2	the Dr. Shashishekhar Naithani Scholarship for highest in SYBA Hindi (Ancillary).	Hiral Virani
34	D	3	the Fr. Bochum, Rev. Fr. H. Heras, S.J. and Prof. N. N. Lala History Scholarship for highest in History at FY & SYBA and continuing with History at TYBA (8 papers).	Anant Venkatesh
35	D	4	the Mr. Erasmus F.C. Sequeira and Principal Mafatlal Vadilal Naik Scholarship for Highest in English at SYBA examination and continuing with English at TYBA	Simran Vijan
36	D	5	the M. A. Bomanji Dubash and Fr. Gisbert Sociology Academy Scholarship for a student highest in Sociology or Anthropology at the FY & SYBA examination and continuing with Socio/ Socio-Anthro in TYBA.	Madhura Muralidharan Divya Mahatme
37	D	6	the Late Prof. Anthony Monteiro Scholarship for highest in SYBSc Chemistry and continuing with Chemistry in TYBSc.	Rimjhim Bali
38	D	7	the Mr. Shahrukh B. Paymaster and Mr. Ashok Sumanlal Patel Memorial Prize for highest in Microbiology at the FY & SY and continuing with Chemistry or Microbiology in TYBSc.	Aradhya Kapoor
39	D	8	the Shreevrat Goenka Scholarship for a student of SYBSc highset in Life Science	Judith Fernando
40	D	9	the Prof. R. V. Kamat, Mrs. Allan Asphandiar Dadachanji, Miss Sudha Prabhudesai and Janardhan Dayanand Bhatt Prize for highest in Physics at the SYBSc and continuing with Physics in TYBSc	Sreerag Sundaram
41	D	10	the Prof. Dara M. Munshi and M. Krishnan Memorial Scholarship for highest in Zoology at SYBSc and continuing with Zoology in TYBSc.	Shimontika Gupta
42	D	11	the College Scholarship for highest at the S.Y.B.M.S examination	Adele Xavier Dmello
43	D	12	the College Scholarship for highest at the S.Y.B.M.M examination	Janhvi Langde
44	D	13	the Dr. Lewis Gomes, Parsi Association, D.K.Kamdin, R.C Chanrai and Late Mr. Leslie Rebello Scholarship for a deserving Catholic student in the TYBA / BSc.	Lyra Pinto
45	D	14	the Watumull Foundation and the Edmund Campion Scholarship for a needy and outstanding student in TYBCom	Valiaveetil Sweezel
46	D	15	the Mrs. Kathleen Pereira, Ignatius Loyola Scholarship for a deserving student with the best attendance in SYBCom.	Srivastava Aaraadhya
47	D	16	the Khushalchand Charity Trust and the Late Aritha Alva Scholarship for a needy and outstanding student in TYBCom.	Rodrigues Ivy
48	D	17	the College Scholarship for highest at the S.Y.BSc - IT examination.	Rohan Elias Dsouza
49	D	18	Fredie A. Mehta Scholarship for highest in Economics at FY & SYBA and continuing with Economics at TYBA (6 papers)	Charu Agarwal
		E	POST TYBA/BSc	
50	E	1	the Mr. Hadi C. Tyabjee, J. J. & G. J. Lalwani and Hilloo Scholarship for highest aggregate at the at the BA examinations.	Soham Daruwala
51	E	2	the Joan Dias Memorial Prize for girl student highest in AIC at the BA examinatio.	Mansi Chandna
52	E	3	The Shodhan Prasad Dave Memorial Prize for highest in Economics (3 Unit) at the BA examinations.	Soham Daruwala

53	E	4	the Dewan R.N. Saigal Scholarship for the best Economics Honours Programme student.	Na
54	E	5	the Carmelita and Charles Nazareth Scholarship for highest in English at the BA examinations.	Anandita Bhalerao
55	E	6	The Dr. Mohamed Bazlur Rehman Scholarship for Catholic student highest in English (6 papers) and persuing post graduation studies	Andrea Rodrigues
56	E	7	the Fr. Edward D'Cruz Political Science Scholarship for highest aggregate in entire Political Science (8 papers) at the BA examinations.	Flavia Lopes
57	E	8	the Parimal K. Shroff Prize for highest marks in Political Science at the BA examinations	Flavia Lopes
58	E	9	the Late Mrs. Kaushalya Sethi Scholarship for highest in Psychology (Major) at the BA examinations.	Pratha Shah
59	E	10	the Joan Dias Memorial Prize for Catholic girl student highest at the BA examinations.	Sebastian Sneha
60	E	11	the Mr. Hadi C. Tyabjee and the Pragji Purshottam Bhatia Scholarship for highest at the BSc examinations.	Som Banerjee
				Arjun Ashoka
61	E	12	the D.L. Modi Scholarship for highest in Chemistry at the BSc examinations.	Blossom D'souza
62	E	13	Dr.M.P. Sujayakumari and the Department of Life Sciences Scholarship for highest in BSc (3 units) Life Science.	Som Banerjee
63	E	14	the Department of Life Sciences Scholarship for highest in BSc (6 units) Life Science.	Dhruv Singh Chauhan
64	E	15	the Minoo H. Matbar, Burjor Kaikobad Doctor Memorial, and Sarabhai Dipchand Shah Scholarship for highest in Mathematics at the BSc examinations.	Claudia Fernandes
65	E	16	the Prof. Joseph Selwyn Dias, Malcolm Pereira and Prof. Sam J. Khambatta Scholarship for highest in Physics at the BSc examinations.	Arjun Ashoka
66	E	17	Mukul Singhal Scholarship for highest aggregate at the highest aggregate at the BSC examinations n Physics	Arjun Ashoka
67	E	18	the Almeidas' Botany Scholarship for highest in Botany at the BSc examinations.	Varun Rawal
68	E	19	the Joan Dias Memorial Prize for a girl student highest in Statistics at the BSc examinations	Anushka Naruka
69	E	20	Dr. Edgar DaSilva Memorial prize for the highest in Microbiology at the T.Y.B.Sc. examination	Bibakhya Saikia
70	E	21	Dr. Edgar DaSilva Memorial prize for the highest aggregate at the T.Y.B.A examination	Soham Daruwala
71	E	22	the Prof. J.V.Bhat Memorial Scholarship for second highest in Microbiology at the BSc examinations	Priya Khetan
72	E	23	the Joan Dias Memorial Prize for Catholic girl student highest at the BSc examinations.	Claudia Fernandes
73	E	24	the College Scholarship for Ranking First in B.M.S	Anshita Agarwal
74	E	25	the Late Mr. Abdul Hameed Ansari Scholarship for Ranking First in B.M.M (Advertising)	Parmeshwari Bhumkar
75	E	26	the Late Mr. Abdul Hameed Ansari Scholarship for Ranking First in B.M.M (Journalism)	Kumar Anmol
76	E	27	the Late Fr. Valero Aleu, S. J. Scholarship to a TYBCom student for highest aggregate at TYBCom examination.	Akhila Jose
77	E	28	the Late Fr. Valero Aleu, S. J. Scholarship to a TYBCom student for highest aggregate in Financial Accounting - Paper I at the TYBCom examination.	Attari Tasneem
78	E	29	the Late Fr. Valero Aleu, S. J. Scholarship to a TYBCom student for highest aggregate in Financial Accounting - Paper II at the BCom examinations.	Attari Tasneem
79	E	30	the Late Fr. Valero Aleu, S. J. Scholarship to a TYBCom student for highest aggregate in Financial Accounting - Paper III at the BCom examinations.	George Louis
80	E	31	the Late Fr. Valero Aleu, S. J. Scholarship to a TYBCom student for highest attendance in the BCom.	Boinoor Basamma
81	E	32	the Pedro Arrupe, the Late Mr. Alphonsus Stanislaus Saldanha & Late Fr. Charles Saldanha, S.J. Scholarship for a student with all round performance at the BCom.	Tyronne D'mello
82	E	33	the Khan Bahadur Hormasji Kharshedji Bhabha and Rev. Fr. Heras, S. J. Scholarship for highest in History at BA examinations and continuing with MA in History.	Anjana Ramakrishnan
83	E	34	the Sociology Academy Scholarship for highest in Sociology at the BA examinations excellence in other activities of College and continuing with Post Graduation	Stacy Menezes

84	E	35	the Dr. N.A. Irani Memorial Scholarship for best aggregate in Botany at the BSC and continuing with MSc. In Plant Taxonomy	Aishwarya Chavan
85	E	36	the Late Noshirwan H. Sethna Geology Scholarship for highest in Geology at the BSc examinations and continuing with Geology .	Lynette Dias
86	E	37	the Sheila M. Joseph Memorial Fund Scholarship for highest in Zoology at the BSc and continuing with MSc in Zoology.	Zachary Borthwick
87	E	38	the Sir Dinshaw M. Petit Post Graduate Scholarship and the Ardeshir Hormasjee Wadia Fund for Parsi student of BSc continuing with post graduation studies.	Aryaman Jal
88	E	39	the Prof. Saroj Hazari Scholarship for highest marks in 19th Century English Literature at the BA examinations.	Anandita Bhalerao
89	E	40	Fredie A. Mehta Scholarship for best aggregate in Economics of the BA exams and continuing with post graduation studies in Economics.	Bernadine Michele Mary
90	E	41	the Dr. R.K.Hazari Memorial Prize for second highest marks in Economics at the BA examinations.	Cyona Lewis
91	E	42	Fredie A. Mehta Scholarship for deserving student with best aggregate in Economics of the BA examination and continuing with post graduation studies in Economics.	
92	E	43	the College scholarship for Ranking First in B.Sc.IT.	Apurva Agarwal
93	E	44	Mrs. Kalpana Hansraj Chaudhuri Scholarship for deserving girl student continuing post graduate in Science	Sheelu Gupta
94	E	45	Mukul Singhal Scholarship for highest aggregate at the highest aggregate at the BSC examinations	Som Banerjee Arjun Ashoka
95	E	46	the Late Prof. Cavas J. Shroff Scholarship for highest marks in Statistics at the BSc examinations.	Anushka Naruka
96	E	47	the Ms. Baktawar Sam Sethna Scholarship for female student securing highest in Geology at the BSC examinations	Lynette Dias
		F	SENIOR MA & MSc	
97	F	1	the Dr. Ratan Nadirshaw Sukeshwala and Dr. Dayanand Dattatraya Yellur Scholarship for highest in Geology at MSc Part I.	Arnav Samant
98	F	2	the Dr. Ratan Nadirshaw Sukeshwala and Dr. Dayanand Dattatraya Yellur Scholarship for highest in Geology at MSc Part II.	Renzo Robert Dsouza
99	F	3	the College scholarship for highest in Biotechnology at the M.Sc. Examination	Amrita Suresh
100	F	4	the Late Shri R.R. Subramanian Scholarship for a student ranking first in the MA autonomous course in Ancient Indian History Culture & Archaeology	Karwa Priti
101	F	5	the Dr. Yvonne Mae Freitas Scholarship for highest in Microbiology at the M.Sc. Examination	Nandha Shivani
102	F	6	the Shreevrat Goenka Scholarship for a meritorious post-graduate student of Life Science	Ansari Farah
103	F	7	the Anjaneer Jon Scholarship for deserving student pursuing the master's programme in Biotechnology	Neha Dubey
104	F	8	Dr. M.A. Eswaran Scholarship for a deserving student of M.Sc. Life Science	Reanne Fronterio
105	F	9		Priyanka Gomes
		G	GENERAL SCHOLARSHIP	
106	G	1	Prof. Exward Mendonca and Ashok Kamte Memorial Award for the Student of the Year	Jahnvi Pandya
107	G	2	the Mahindra Search for Talent Scholarship for the best academic performance at the F.Y.B.A. examination.	Kashish Yudhviram Solanki
108	G	3	the Mahindra Search for Talent Scholarship for the best academic performance at the F.Y.B.Sc. examination.	Neha Shailesh Goregaokar
109				
110	G	4	the Mahindra Search for Talent Scholarship for the best academic performance at the F.Y.B.Com. examination.	Siddharth Devadiga
111	G	5	the Mahindra Search for Talent Scholarship for the best academic performance at the S.Y.B.A. examination.	Valmik Rege

112	G	6	the Mahindra Search for Talent Scholarship for the best academic performance at the S.Y.B.Sc.examination.	Judith Fernando
113	G	7	the Mahindra Search for Talent Scholarship for the best academic performance at the S.Y.B.Com. examination.	Sweezel Valiaveetil
114	G	8	Lions Club of East Bombay Scholarship for the most promising student of the Xavier's Resource Centre for Visually Challenged (XRCVC)	Gouri Bhuyan
115	G	9	the St. Xavier's College Association Golden Jubilee Scholarship for excellence in academics, co-curricular and extra-curricular activities.	
116	G	10	the St.Xavier's College Association Fr.Balaguer Scholarship for a Senior College student who is outstanding in social work .	Kapoor Aradhya
117	G	11	the Fr. M.M. Balaguer, S.J. Scholarship for hardworking Senior College Catholic student.	Dominic D'souza
118	G	12	the Sabate-Freitas Memorial Fund, Shri & Smt. P. B. Fernandes-Veloz and the Ardeshir Rustomji Thanawala Scholarship for a student who is outstanding in Social Work.	Rasquinha Lisa
119	G	13	the Sabate-Freitas Memorial Fund, Shri & Smt. P. B. Fernandes-Veloz and the Ardeshir Rustomji Thanawala Scholarship for a student who is outstanding in Social Work.	Pallavi Dwivedi
120	G	14	the Fenelon Bossuet Godinho Hindi Paritoshik and the Kamla Hindi Paritoshik	Na
121	G	15	the Prof. Khalil Dehdashti Memorial Persian Scholarship for highest in Islamic Culture Studies.	Na
122	G	16	the Hostelite Welfare and Shastri Scholarship for a deserving hostelite.	Na
123	G	17	the Hostelite Welfare and Shastri Scholarship for a Meritorious hostelite.	Na
124	G	18	the Vinod Mehra Scholarship for the best cultural talent.	Afreen Haider
125	G	19	the Late Gurcharan Kaur, Amrik Singh, Surender Jeet Singh & Varalakshimi P.Singh Scholarship for a deserving student.	Vandana Gunda
126	G	20		Shubham Sontakke
127	G	21	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Kharva Arjun
128	G	22	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Kulaye Ankita
129	G	23	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	James Roseanne
130	G	24	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Rodrigues Ivy
131	G	25	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	John Shanon
132	G	26	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Kujur Suman
133	G	27	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Sayyed Jainabi
134	G	28	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Fernandes Dolores
135	G	29	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	D'souza Gilroy
136	G	30	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	D'souza Melroy
137	G	31	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Rahul Chettiar
138	G	32	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Emmanuel Furtada
139	G	33	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Chaitanya
140	G	34	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Shubham Gupta
141	G	35	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Tanmay Mirgal
142	G	36	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Mohit Kumar
143	G	37	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Chandrakant Yedge
144	G	38	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Hari Ummalaraju
145	G	39	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Kinjal Rathod
146	G	40	S.N. Iyer Q.C & Dr. Irene Charity Trust Scholarship for a deserving student.	Harsh Daware
147	G	41	the Gurudas Bailur Scholarship for a deserving student.	Swagat Siby
148	G	42	Scholarship for a deserving Catholic Student.	Roshan Pinto
149	G	43	Mrs.Livie Viegas Scholarship for a deserving Catholic Student.	Maria Misquitta
				Digogracia Norona
150	G	44	Mrs.Livie Viegas Scholarship for a deserving Catholic Student.	Pritam Fernandes
				Sherin Santosh
151	G	45	Mrs.Livie Viegas Scholarship for a deserving Catholic Student.	Sudeep Tauro

152	G	46	the Ashok Kamte Memorial Scholarship for an outstanding student of the college.	Shreeraj Jadhav
153	G	47	the Ashok Kamte Memorial Scholarship for the . most helpful student of the college	Sonal Raj
154	G	48	the Prema Arya Memorial Scholarship to a deserving student of Microbiology	Kreena Nagda
155		49		Jenif Leo
156	G	50	Sheila & Ben Jacob Memorial Arts Prize for a deserving girl student.	Nikita Sonawne
157	G	51	Chandrakant Gupta Scholarship for a deserving girl student	Nancy Busi
158	G	52	O.A. Mathen Memorial Scholarship for a deserving girl student	Shania Mendonca
159	G	53	Vibha & Bhalchandra Dave Trust Fund Scholarship for a deserving post graduate student of Microbiology	Chelsley Kennedy
				Shraddha Vinayak Gore
160		54		Princita Peter Fernandes
			Late. Smt Kaushalya Nayar and Late Shri. Kahan Chand Nayar Scholarship for a deserving girl student	Shalini Roy Chowdhury
161	G	55		Babita Saroj
162		56		Anna Misquitta
163	G	57	the Late Prof. Cavas J. Shroff Scholarship for a deserving girl student pursuing B,Sc	Pallavi Gaonkar
164		58		Linta Devasia
165		59		Nidhi Vartak
166	G	60	the Late Mr. Manu Vasudeva and Mrs. Prabha Vasudeva "Nishtha" Scholarship for a deserving girl student in B.A.	Rimjhim Kumar
167	G	61	the Late Mr. Manu Vasudeva and Mrs. Prabha Vasudeva "Nishtha" Scholarship for a deserving girl student in B.Sc.	Lyra Pinto
168		62		Manasi Mahajan
169		63		Sudina S.
		H	SPORTS SCHOLARSHIPS	
170	H	1	the Valerian F.X. Pais Scholarship for excelling in academics and representing College in various sports events.	Isika Pinto
171	H	2	the Late John C. Pinto Scholarship for an outstanding sportsman (preferably in Hockey / Football).	Dwayne Dias
172	H	3	the Mr. Hadi C. Tyabjee, Prof. Godfrey G. D'Souza Scholarship for a student with the best record at inter-collegiate or inter-university events.	Kelley John
173	H	4	the Mrs. Meherbai Dorabji Hilloo Desai, Joseph Manuel and Prof. Godfrey D'Souza Scholarship for the best male athlete.	Neele Ujrekar
174	H	5	the Joseph Manuel, Prof. Godfrey D'Souza, Jehangir Rustomji Dhabher, Mrs. M. R. de Souza, Sir Ness N. Wadia Scholarship and Willie Fernandes scholarship for excellence in Football.	Sanath Valladares
175	H	6	the Ashok Kamte Memorial Scholarship for excellence in Basket Ball	Rodrigues Bradley-Michael
176	H	7	the Ashok Kamte Memorial Scholarship for Best female athlete.	Aparna Ramesh
177	H	8	the Ashok Kamte Memorial scholarship for a student who has distinguished himself in an individual sport.	Ira Gosavi
178	H	9	the Ashok Kamte Memorial scholarship for excellence in Academics and representing college in various sports events (Senior College)	Dutta Choudhury Aleya
179	H	10	the Ashok Kamte Memorial scholarship for outstanding sportsman in Hockey (Junior College)	Girisa Prabhu
180	H	11	the Ashok Kamte Memorial scholarship for outstanding sportsman in Football (Junior College)	Rollen Fernandes
		I.	SUBJECT TOPPERS	
181	I.	1	the Certificate of Appreciation for being the subject topper in A.I.C. (F.Y.BA.)	
182	I.	2	the Certificate of Appreciation for being the subject topper in Economics (F.Y.B.A.)	
183	I.	3	the Certificate of Appreciation for being the subject topper in English (F.Y.B.A.)	
184	I.	4	the Certificate of Appreciation for being the subject topper in Commerce (F.Y.B.A.)	

185	I.	5	the Certificate of Appreciation for being the subject topper in History (F.Y.B.A.)	
186	I.	6	the Certificate of Appreciation for being the subject topper in Political Science (F.Y.B.A.)	
187	I.	7	the Certificate of Appreciation for being the subject topper in Psychology (F.Y.B.A.)	
188	I.	8	the Certificate of Appreciation for being the subject topper in Sociology (F.Y.B.A.)	
189	I.	9	the Certificate of Appreciation for being the subject topper in Botany (F.Y.B.Sc.)	
190	I.	10	the Certificate of Appreciation for being the subject topper in Chemistry (F.Y.B.Sc.)	
191	I.	11	the Certificate of Appreciation for being the subject topper in Economics (F.Y.B.Sc.)	
192	I.	12	the Certificate of Appreciation for being the subject topper in Geology (F.Y.B.Sc.)	
193	I.	13	the Certificate of Appreciation for being the subject topper in Life Science (F.Y.B.Sc.)	
194	I.	14	the Certificate of Appreciation for being the subject topper in Mathematics (F.Y.B.Sc.)	
195	I.	15	the Certificate of Appreciation for being the subject topper in Microbiology (F.Y.B.Sc.)	
196	I.	16	the Certificate of Appreciation for being the subject topper in Physics (F.Y.B.A.)	
197	I.	17	the Certificate of Appreciation for being the subject topper in Statistics (F.Y.B.Sc.)	
198	I.	18	the Certificate of Appreciation for being the subject topper in Zoology (F.Y.B.Sc.)	
199	I.	19	the Certificate of Appreciation for being the subject topper in A.I.C (S.Y.B.A)	
200	I.	20	the Certificate of Appreciation for being the subject topper in Anthropology (S.Y.B.A.)	
201	I.	21	the Certificate of Appreciation for being the subject topper in Economics (S.Y.B.A.)	
202	I.	22	the Certificate of Appreciation for being the subject topper in English (S.Y.B.A.)	
203	I.	23	the Certificate of Appreciation for being the subject topper in Commerce (S.Y.B.A.)	
204	I.	24	the Certificate of Appreciation for being the subject topper in French (S.Y.B.A.)	
205	I.	25	the Certificate of Appreciation for being the subject topper in Hindi (S.Y.B.A.)	
206	I.	26	the Certificate of Appreciation for being the subject topper in History (S.Y.B.A.)	
207	I.	27	the Certificate of Appreciation for being the subject topper in Political Science (S.Y.B.A.)	
208	I.	28	the Certificate of Appreciation for being the subject topper in Psychology (S.Y.B.A.)	
209	I.	29	the Certificate of Appreciation for being the subject topper in Sociology (S.Y.B.A.)	
210	I.	30	the Certificate of Appreciation for being the subject topper in Statistics (S.Y.B.A.)	
211	I.	31	the Certificate of Appreciation for being the subject topper in Botany (S.Y.B.Sc.)	
212	I.	32	the Certificate of Appreciation for being the subject topper in Chemistry (S.Y.B.Sc.)	
213	I.	33	the Certificate of Appreciation for being the subject topper in Geology (S.Y.B.Sc.)	
214	I.	34	the Certificate of Appreciation for being the subject topper in Life Science (S.Y.B.Sc.)	
215	I.	35	the Certificate of Appreciation for being the subject topper in Mathematics (S.Y.B.Sc.)	
216	I.	36	the Certificate of Appreciation for being the subject topper in Microbiology (S.Y.B.Sc.)	
217	I.	37	the Certificate of Appreciation for being the subject topper in Physics (S.Y.B.Sc.)	
218	I.	38	the Certificate of Appreciation for being the subject topper in Statistics (S.Y.B.Sc.)	
219	I.	39	the Certificate of Appreciation for being the subject topper in Zoology (S.Y.B.Sc.)	

What the chapel is to the spiritual life, the library is to the intellectual life ---an inspiration. It is the vital centre from which radiates the subtle, almost opalescent, influence that moulds the mind of the student who comes within the orbit of its magical inspiration. The library is the great and benignant lamp of wisdom and humanity where the student can kindle their rush lights.

OUR NEW LIBRARY – Fr. Gonzalo Palacios de Borao S.J, Principal 1933 - 1940

MADE OF XAVIER'S



IN CONVERSATION WITH GLOBALISATION



ST. XAVIER'S COLLEGE, MUMBAI

150

Est. 1869 | YEARS

Celebrating
150 years
of innovation,
integration
and inclusion



COUNCIL FOR INTERNATIONAL PROGRAMMES

For God's sake, open the Universe a little more writes, Salman Rushdie the Booker of Booker winner in his famous *Imaginary Homelands*. In opening the Universe expansively for our students, St. Xavier's has staked claim to an eclectic and liberal education. The collaborations with distant shores from yester-years has made Xavier's special. Down the ages, Council for International Programmes (CIP) has opened new vistas in a multi-pronged set-up. Intellectually it has enabled in unlocking many mysteries in the layers of learning through a variety of educational models across the globe. While providing novel avenues to bolster the students' interpersonal skills, it also moulds them to embrace different cultures. In a politically and culturally sensitive world obsessed with various dangerous -isms, a programme such as this fosters a nuanced cultural sensibility. It has challenged skewed perceptions of traditions and illusions of essentialist ideas of correctness. It has also enabled in showcasing the best of India to the outer world. Further, International Programmes has identified leadership potential in its participants and provided them avenues to hone their leadership skills. In encompassing everyone, International Programmes have provided life-experiences to students from disadvantaged backgrounds through scholarship programmes. Its wholistic nature helps students from within and outside India to reap rich benefits from the programme. The inherited legacy of this great institution has continued in 2018-2019 too.

Dr. Radiya Pacha-Gupta, a seasoned maestro in negotiating international collaborations retired as Associate Professor from the Department of Life Science and Biochemistry and as the Director of CIP. CIP pays glowing tributes to Dr. Radiya Pacha-Gupta for her indisputable role in touching new pinnacles through her efficient leadership. Besides managing a full workload of twenty lectures, she tended to the CIP and other activities such as meeting representatives of foreign universities, nurturing both the in-house aspirants, and

foreign students. Endless paperwork, maintaining correspondence with foreign universities across time and space - were part of her repertoire. CIP and St. Xavier's College remains indebted to her sincerity in carrying out a stupendous responsibility with great aplomb. Thank you, Dr. Radiya Pacha Gupta.

I took over as the Director of the Council for International Programmes from June 2018.

The following report encapsulates the report of the Council for International programs for 2018-2019.

Short Term Programs: The Summer of 2019 in different countries:

Berkeley

From 27 May – 5 July (2019), 12 of our students went to the Summer School organized by the University of California, Berkeley. The students belonged to the Arts, BMM and BMS faculties. They participated in various courses out of the 800 courses offered by University of California, Berkeley. In June 2019, eight students from the University of Berkeley spent six weeks in Mumbai. They took a course called *Economics and Developments in India*.

University of California Education Abroad Program (UCEAP)

16 students from UCEAP were part of the India Studies Program from 2 September - 15 December, 2018.

Oxford

Swagat Siby, a TYBA History (major) student was the recipient of the prestigious Betty and Donald Keating Scholarship for the Visiting Student Programme at the St. Catherine's College, in the University of Oxford from 24 April – 26 June 2019.

Stuttgart

From 25 May – 2 June 2019, three of our students participated in the online course called *In Conversation with Globalization* alongwith students from University of Stuttgart, Germany and Stellenbosch University, South Africa. This program is offered

exclusively through the Department of English. It starts from October with online modules and culminates with a project week held in one of the partnering countries. In January 2019, Dr. Wolfgang Holtkamp from the University of Stuttgart had come to Mumbai alongwith his students and tutor Jonathan Leutwyler. Apart from the academic component, the visit to Stuttgart was fascinating because of the walks, the exposure to art, drama and the city in general.

Sydney

From 7 January - 15 February 2019, 15 students from the University of Sydney attended a course called India Past and Present: Art, History and Culture of India. Alongwith regular classroom teaching, a couple of field trips were organized for the students to enhance the teaching-learning process.

Soka

From 4 -15 February 2019, seven students from Soka University visited St. Xavier's to participate in the Intensive English language course. Ms. Jyoti More, the Language Lab instructor conducted the classes. She was ably assisted by an intern Ms. Kaajal Barccha, an English Literature student from the Postgraduate department of SNDT Women's University.

Harvard College in Asia Programme exchange

Nine students participated in the Harvard College in Asia Programme (HCAP). The 2019 theme was "Global Leadership in the 21st Century: Empowering Education." From 20 – 27 January 2019, HCAP invited Asian delegations including the Mumbai delegation to Harvard for their annual conference. Then from 16 – 24 March 2019, HCAP sent Harvard delegations to similar conferences throughout Asia that are organized by our partner schools.

Long Term Programs

Students from IESEG School of Management, France, Sciences Po, France and Comillas, Spain spent two semesters in St. Xavier's, while

students from EM Normandie, France, Saint Louis University, USA and Soka University, Japan spent one semester in Xavier's. Six Xavierites spent two semesters in Sciences Po as part of the exchange program. Further, six of our students from the Arts, BMM and BMS spent their fourth semester in the School of Oriental and African Studies (SOAS), University of London. This was part of the Transfer-Credit program. These students were recipients of the Erasmus + (*plus*) scholarships too.

Fulbright

Dr. Rochelle Almeida, a Clinical Professor from New York University was in St. Xavier's College as a Fulbright scholar during her nine month-stay in Mumbai. Her research proposal was entitled: "*Contribution of Bombay's Religious Minorities to Western Performing Arts.*"

Faculty Exchange:

Dr. Analisa Packham from the University of Miami, USA successfully completed two weeks of Faculty exchange program in the Department of Economics in January 2019. She contributed significantly to the academic component by delivering research-based lectures. As a reciprocal visit, Dr Aditi Sawant completed two weeks' Faculty exchange programme with Farmers School of Business, Miami University, Oxford, Ohio. Dr. Sawant gave lectures to students in both Economics and Finance; met with Women in Economics Club; attended classes in Economics; and spend a day on a local farm, visiting the site and interviewing the farmer for her research.

Dr. Shah Mahmoud Hanifi, representative from James Madison University, Virginia, USA came to explore student and faculty exchanges. He addressed two classes on two different topics namely: *Toward an Environmental History of*

Afghanistan" and "*A Millennium of Literature in and about Afghanistan: From the Shahnama to the Kite Runner.*"

Dr. Gerard John Pillay, Vice Chancellor and Rector of Liverpool Hope University visited Xavier's on 20th February 2019 and conducted a seminar entitled "The role of the University in a changing world." As a reciprocal visit, Dr. Rajendra D. Shinde, Principal visited Liverpool Hope University, Liverpool, UK in July 2019. This visit also culminated in signing an MOU with the University for mutual collaboration in student-and-faculty exchange.

Visits

Many University delegates visited St. Xavier's in 2018-19. Some were notable because they translated into serious discussions on signing Memorandum of Understanding. The President of Creighton University, Dr. (Fr) Daniel Hendrickson along with Vice Provost Dr. Rene Padilla accompanied by other faculty from Creighton University, Omaha, USA visited Xavier's. Creighton collaborated with Xavier's for the International Science Conference. Eric Borguet, Professor of Chemistry from Temple University visited Xavier's in USA to discuss possible collaborations with the science departments. Various senior office-bearers of Notre Dame University visited Xavier's in 2018-2019. A Stuttgart City delegation consisting the Mayor of Youth and Education Mrs. Isabel Fezer, visited the college to interact with the students of the online course - *In Conversation with Globalization* initiated by the University of Stuttgart. Ms. Amanda Sayan, Director of Partnerships, office of Global Engagement, from the University of Sydney and Dr. Elizabeth Hill, an academic at the University of Sydney and also the Chair of the India Advisory Committee visited college in early February while students

from Sydney were participating in the *India Past and Present* course.

During his summer work abroad in the months of May and June 2019 whilst fundraising for the college, Dr. (Fr.) Roy Pereira, S.J. visited University of California, Santa Barbara - the main centre for all the other nine universities of California. This was done in connection with upgrading their existing involvement with St. Xavier's College, Mumbai (We already have University of California, Berkeley students coming to St. Xavier's for a two-month study cum internship programme for the last six years). He also visited Stanford University to look at the possibility of getting their students to join us for the summer programme or a semester. Further conversation was also conducted with Temple University.

I am extremely grateful for the support received for CIP: Rector, Dr. (Fr) Keith D'Souza, Principal Dr. Rajendra D. Shinde, the former Principal Dr. Agnelo Menezes, Vice - Principal for Academics Dr. (Fr.) Roy Pereira, the Vice-Principal of Arts Dr. Annapurna S, the Vice - Principal of Science Dr. Hrishikesh Samant, Fr. Pessa and the Treasurer's Office, Fr Errol Fernandes, Vice-Principal (Commerce), the Exam Controller Mr. Marazban Kotwal and the staff associated, the Exam Committees. I am also very thankful to the in-house and retired faculty members who have graciously agreed to be resource persons for our courses run through CIP. A special word of thanks to Mr. Anand Alphanso who helps in co-ordinating the FRRO work and Ms. Maria Baptista who helps with various activities of the CIP. Finally, I am indebted to Dr. Radiya Pacha Gupta and Dr (Fr) Roy Pereira for their patient guidance always while I was learning to steady myself in CIP.

Dr. Rashmi Lee George
Director, CIP

A BRUSH WITH NOTRE DAME

A Developmental Studies and Economics student for Notre Dame University, Indiana, USA was doing a research project on the Menstrual Habit Management of the women in Dharavi for the month of May and June 2019. In my capacity as a translator

for her, I helped her understand the nuances of menstruation in India along with cultural and religious taboos. Everyday for 3 weeks, we would go to by lanes of Dharavi and interview the women we came across. Questions from menstrual habits to education

and religious restrictions to the role of the society were asked in either Hindi or Marathi according to the preference of the interviewee and translated in English subsequently.

Gayatri Karnik
(SYBA)

HCAP



On 19th January 2019, 9 delegates from St. Xavier's College, set out on a path towards a new world that opened up floodgates of possibilities for them. These students from different streams- Jiniya Chattopadhyay, Gayatri Karnik, Vaishnavi Sinha, Harnoor Arora, Prarthana Jaggi, Raj Sharma, Disha Gupta, Ivy Rodrigues and Triya Shah, represented not just St. Xavier's College, but India, in the Harvard College in Asia Programme (HCAP), a global conference conducted annually by Harvard College, in association with universities across 9 countries in Asia.

The theme for the conference was 'Global Leadership in the 21st century: Empowering Education.' Through talks by eminent speakers like Myra

Khan, Mark Elliott, Anant Agarwal, Fernando Reimers, Wendy Kopp, a panel discussion moderated by Dr Margot Gill (Dean of International Affairs), social events like the talent show, HCAP Pageant, delegation bonding sessions, as well as cultural visits to historically important places in Boston, this experience proved to be a wonderful way of creating global leaders for the future. The interactions with delegates from different countries at a professional, as well as a personal level were extremely invaluable during the duration of the conference.

The second part of the conference took place from 16th to 23rd March, in which the students organized a week-long conference for the delegates from

Harvard. 6 sessions of the conference were conducted, which were met with a very enthusiastic response from students from different colleges across Mumbai. Dr. Agnelo Menezes enlightened the audience with his talk on 'Educational Equilibrium'. Ashish Jaiswal, renowned author of the bestseller 'Fluid' provided valuable insights with his talk 'A Fluid mind- The Final Frontier of True Education'. Mr. Kishore Mandhyan, former Deputy Director in the Cabinet of the UN Secretary General amazed and inspired everyone by talking about the Global Education Policy. Renowned storyteller Ulka Mayur enthralled everyone with her uniquely structured performance titled 'Maitreyi, Malala and other stories I tell myself'. Puja Marwaha, CEO of CRY (Child Rights and Youth) Foundation gave a wonderful talk on 'Education of Childescents: Challenges and Opportunities'. An interesting and informative panel discussion was held on the topic 'Reimagining the Indian Education System for the 21st century' which comprised panelists like Sonali Saini, Prof. Indira Parikh, Sugandha Indulkar, Harmik Singh and was moderated by Prof. Kishu Daswani.

The Harvard delegates were also taken to different places in Mumbai, like, the Elephanta caves, the Gateway of India and the industries in Dharavi. They also enjoyed the festival of Holi at Radio Club!

The whole experience was truly something that will be cherished by the students, because of all the wonderful learning experiences they got, as well as the friendships they forged for a lifetime!

Jiniya Chattopadhyay
Participant, HCAP 2019

GLOBALIZATION AND TRANSITIONS: STUTTGART-MUMBAI-STELLENBOSCH

It is incredible what just a week can do!
It can give you friends and memories to last a lifetime.

This exchange was not just a cultural one, it was deeply engaging in all aspects of life. It was an exchange of our academic knowledge, our different social backgrounds and the countries we came from.

We experienced an influx of perspectives through our online projects, forum discussions, etc which began six months prior to the project week. The project week at the University of Stuttgart was the finale to this year's course, with the theme 'Globalization and Transitions'. We tried our best to present creative solutions to the developing world's needs. The program made us more aware and sensitized to global problems as well as how these problems affected our own countries, and others, in particular. We studied globalization with respect to the fields of economics, politics and art.

Stuttgart, in all its glory, is a beautiful city with a rich culture. It showcases its vivid history and art with pride and we saw that at the castles of Ludwigsburg and Guttenberg, as well as at the art museum at Staatsgalerie and the history museum Linden. One of our evenings was marked with a backstage tour of a theatre called Schauspielhaus, which was followed by a beautiful ballet performance, Mayerling. All in all, sightseeing in Stuttgart was a beautiful experience.

Apart from all the academic knowledge



we gained from the course, a lot of informal learning happened during the Stuttgart excursion week. We had the golden opportunity to mingle with students from all kinds of cultural backgrounds, not just German and South African, because many students from both Stuttgart and Stellenbosch had their actual origins in other countries. Simply interacting with them resulted in us gaining exposure to and insight into their lifestyle and traditions — especially the hosted dinners and teamwork sessions, where we had a chance to introduce each other to our respective countries' music, dances, cuisine, and so on. Our differences were pivotal in the creation of a very unlikely-but-strong friendship, and despite the distance and diversity, we are still very much in touch with them.

To conclude, George van Dyk, one of the Stellenbosch students who joined us

in the program, said, "Two things about this trip, apart from the lifelong friends I made, truly stood out to me. Firstly, it was astonishing (and filled me with a great sense of well-founded hope) to see so many talented individuals, despite their myriad differences, working together and finding common ground. Secondly, I became aware of the danger of misinformation through the media. In essence, bad news sells, and the media chooses to show this information in an often biased fashion. Nothing beats experiencing something first-hand and drawing your own conclusions, and I will forever be thankful to this program and its organizers, participants, sponsors, and alumni for facilitating such an enlightening experience."

Gargee Chitale, SYBA.
Swati Anwasha, SYBA.
Sanyukta Singh, SYBA.

BERKELEY SUMMER SCHOOL MUSINGS

Eight Thousand Miles Away **Sanika Sawant (FYBA)**

In the summer of 2019, I decided to attend the six week summer session at Berkeley. It was a decision taken by the more adventurous and risky side of me. The responsibility, independence and discipline expected from me was intimidating at first but slowly became my way of living. The courses I took

made it all worth it though.

Voice Class, a course about nourishing the voice and using it for healthy and sustainable western classical singing was one that blew my mind. It taught me more about self-awareness and self-consciousness. It was never just a singing class, it explored areas that needed to be perfected with practice and cultivated with time.

Introduction to Multimedia was my second course which explored the ever increasing media outlets and their practical uses in the 21st century, with a journalistic point of view. Doesn't mean that if you take this class you can start your journalistic path tomorrow, but it certainly helped to light up the path for those seeking some illumination. It was a very hands on course. We were forced to step out of our comfort zones and

interview many people on the daily. We were developing important skills and training ourselves for what is to come: the rise of the Internet and the fall of man!

Both my Professors understood the requirements of the class and taught us in a way that made learning conducive. Both were experts in their fields and I couldn't have asked for better professors.

I am very grateful for getting this opportunity to explore beyond what my bubble thought was possible, and wouldn't hesitate to take the 24 hour flight back, if I could get to do it again. After all, who wouldn't like to have the best of both worlds, when it's only eight thousand miles away!

Transformational Experience

Ruhi Jain (FYBA)

My UC Berkeley experience was one that I will never forget. I took two courses- Leadership and Consumer Behavior. The Leadership course had a very enthusiastic and engaging professor (Dan Mulhern) who interacted with the class in a way that broke the norms of a teacher-student relationship. He taught us the skill of Leadership with assignments

that challenged the way we normally think. The Consumer Behavior class (conducted by Bill Fanning) has equipped me with the basic skills of a marketing professional with respect to understanding the target customer. We had to conduct a very hands-on project with qualitative data analysis of credit card users. This practical experience cemented the consumer behavior concepts learnt in class. Overall, I've had a rewarding six weeks. My only wish is that I could study these subjects for longer! I'm really grateful for the experience and opportunity.

A time to grow

Jui Chawan (FYBA)

The time spent at University of California, Berkeley is one experience that I will always cherish. It wasn't just the course matter that I learnt, rather it was a wholesome experience and I grew as a human being. The courses I had taken were both practical ones and hence it was a breath of fresh air from theory learning.

My first course was one in Music, called the 'Voice Class'. It was an introductory class to the fundamentals of western classical vocals. But, surprisingly, it was not restricted only to singing style. We

learnt more about how to ensure that our entire body sings with us. We were given guidance regarding our breathing patterns, body movements and the imaginary aspect of singing. I remember having an written assignment wherein we had to pen down our feeling while we were singing!

The second course I took was a writing seminar on short fiction. We had to write two stories over the duration of 6 weeks and share the first draft with the class. Then as a group along with our professor, we discussed and critiqued each story presented and provided constructive feedback for the revisions. The discussions were so enriching, that as an amateur writer, I was inspired to experiment with my writing styles. Also, as readers to each other's stories, we provided such eclectic interpretations that it made me think in different perspectives.

Both my instructors were encouraging and open to new ideas and opinions which provided a conducive atmosphere to grow. It was for the first time, I practically did what I learnt.

This experience changed me, freeing me from the intangible narrow binding walls that clouded my growth.

SOAS - AN EXPERIENCE OF A LIFETIME!

SOAS (School of Oriental and African Studies), University of London is a remarkable institution specialising in the study of Asia, Africa and the Near and Middle East. With emphasis on pressing issues like democracy, development, economy, finance, public and corporate policy, human rights, migration, identity, legal systems, poverty, religion, and social change, SOAS offers a wide range of almost 350+ undergraduate courses with the largest concentration of specialist staff engaged in the study of the concentrated region (Asia, Africa and the Near and Middle East). With notable alumni such as David Lammy, Zeinab Badawi and, Romila Thappar, SOAS has helped in shaping the World's opinion for the past 103 years.

St. Xavier's College has had an extremely impressive exchange program with this

prestigious university for years. After a rather challenging screening and interview process, 6 students ranging from BA, BMS and BMM were selected to represent college, undertake foreign learning and experience another culture for the duration of a semester (5 months). These 2nd year students were to spend their 4th semester in another country with students from all over the world, discussing world ideas and hard-pressing topics far different from what they could have ever imagined. Moreover, this glorious opportunity was scholarship based and the students can swear by the brilliant learning experience it was for them.

Both the colleges provided us with the right guidance and liberty to choose whatever we wanted to pursue. With a little bias towards studying about India and the South Asia, our modules

of choice varied remarkably from developmental studies, economic policies to the international relations between the countries and even some contemporary modules like Cinema of South Asia, new media and society and mind, culture and psychiatry. The professors were always extremely detailed in their approach and prescribed a long list of reading material which provided much insight into the specific modules we were pursuing. The academic structure is noticeably different from what we follow in India but it was worth the effort and learning. We were all expected to turn in almost 7-10 essays along with exams and a relatively stricter marking scheme. The library at SOAS was an absolute visual treat. With almost 1.5 million items in the library and provision of long hours, it wasn't very difficult to lose track of time. The books, e-books, journals,

recordings, memoirs, biographies etc covered almost all countries in the Asia-Africa region and was stacked in 5 floors.

This experience was not just restricted to the learning aspect but the great exposure to the multitude of cultures which dominate SOAS. As known all over the University of London, SOAS is one of the most diverse universities both in culture and in opinion. This was evident from the first week of college itself when no two people we met were from the same country. This pushed us to extend our boundaries and pay heed to people from countries we wouldn't have had the chance to interact with ever. First hand recollection of experiences impact a great difference in an individual's understanding of

the matter. The issues we discussed ranged from the problems faced by the countries in North Africa to migration and settlement issues and refugee problems all around the world. It was truly an eye opening experience.

There was also the city of London which has so much to offer. It's a beautiful environment bustling with life and culture. The museums with careful preservation of history from around the world were a definite treat for the mind and soul. There was much diversity and kindness all around us. Experiences like this make you appreciate what you have much more. Similarly, we had immense opportunity for debating about our own culture and country and gain a more global idea of what India's image is beyond the borders. We had

to constantly be on our feet with an update about information so we could relentlessly discuss it, defend it and take pride in it.

Overall, the experience we had at SOAS was enriching, informative, humbling and full of life. It brought us in terms with what we have and what is there in this World to achieve. The kind of people we interacted with, the professors we had the opportunity to study from, the ways of research we grasped, the kind of food we ate and above all the different kind of world we were in, are all part of a memorable and irreplaceable experience.

**Shaurya Singh (SYBA),
Mariya Sethwala (SYBA),
Shristi Khemka (SY BMM),
Gehna Kaur Kapany (SY BMM)**

THE FIRST, THE NEW AND THE UNFORGOTTEN.

When people ask him, 'What was Oxford like, for you?';
He always responds 'Welcoming, thank you'.

With open arms, it selflessly shared, its never-ending knowledge;
To do the same, he does, politely pledge.

Sans prisons of penury and manacles of misery; he learnt –
Of new places, sedately soaring, for the first time;
Above both, cumulonimbus cotton, and sea sublime.

Of new lives, independently existing, for the first time;
Within both, lodging lone, and grown-upgrime.

Of new fields; exhaustively exploring for the first time;
Beyond both, academics astute, and lichenslime.

New names, new voices, new faces;
New struggles, new noises, new spaces.

He hopes, you will forgive, this repeat offender;
His crime: Nebulous 'new', as a consecutive contender.

For; -
Though some may find, these findings, 'every day';
For him, they were all, reborn rivetingly each day.

Mind and body, incumbent illness did, insidiously invade;
Death has turned, from fiendish foe, to cherished comrade.

Thus, he is infinitely indebted to all, who stoically stood by him;
And to those, who did not, a wicked wink on a whim.

Swagat Siby
[TYBA 2018-2019; Keating Scholar 2019].

MADE OF XAVIER'S



CAMPUS DYNAMISM



ST. XAVIER'S COLLEGE, MUMBAI



Celebrating
150 years
of innovation,
integration
and inclusion



Everything we touched, everyone we met
and every day lived here has made us who we are.
You can take a Xavierite out of Xavier's
but you can never take Xavier's out of a Xavierite.
We are the Xavier's spirit. It is in our blood
and it is who we are. We are Made Of Xavier's.

MADE OF XAVIER'S



The 'MADE OF XAVIERS' campaign marks the spirit of the Sesquicentennial (150 years) celebrations at St.Xaviers College through 2019. Through the year, events, conferences and activities were held to honor Faculty, Administrators and Alumni who keep the value of the Jesuit education in the forefront of their profession, vocation and trade.

DDB Mudra created the 150 years logo. The logo takes inspiration from the arches. The most photographed and iconic element of the first quadrangle.

ST. XAVIER'S COLLEGE, MUMBAI



Est. 1869 | Y E A R S

Mr. Josy Paul our Alum and currently Chairman, BBDO - India created the theme for the celebrations and its visual branding elements. He lead his team Mr.Sandeep Sawant, Executive Creative Director, Mr.Yash Modi - Associate Creative Director and Mr.Hitesh Shah - Production Head in creating a special set of fonts, souvenirs and other merchandise to mark this occasion.

We present here the branding elements that have led the 150 years celebrations of 'MADE OF XAVIERS'

The heritage structures built in the Indo-Gothic architecture style



Taking inspiration from the iconic Xavier's arches and facades



Creating a design language which brings tradition and text together



The Xavier's font is an ode to the arched buildings and corridors that have stood there guiding us through the 150 years of learning. The font creates a special look filling each letter with the magic of Xavierian architecture.

THE XAVIER'S FONT

A B C D E F G
H I J K L M N O
P Q R S T U V
W X Y Z

1 2 3 4 5 6 7
8 9 0



MADE OF XAVIER'S

Everything we touched, everyone we met and every day lived here has made us who we are.

We are the quad -

open and accepting, always buzzing with energy.

We are the sentinels -

raring to go and ready to take action.

We are the teachers -

taking lessons of love and leadership to the world.

We are the study halls -

constantly pushing our thoughts to go where no mind has ever gone before.

We are Malhaar -

diverse, vibrant, magical and brimming with ideas.

We are the canteen -

impatiently hungry to know and grow in between all the chatter.

We are the eagles -

soaring high and touching skies with the wings of freedom.

We are the Xavier's spirit -

shaping our personalities and making us humans of strong character.

We are the arches -

standing tall yet bowing in grace, humbled by the Jesuit values.

We are the sports we played, the songs we sang and the books we read here.

We are Xavier's -

A breed slowly and silently pushing the world forward in all the ways we can.

Dive deep into our souls and you would still find us lost and found in its long and loving corridors.

Thank you for 150 years of feeding values and love and passions and dreams and madness into the minds of a hungry generation.

And as they say you can take a Xavierite out of Xavier's but you can never take Xavier's out of a Xavierite.

It's true. It is in our blood and it is who we are.

We are Made Of Xavier's.

XAVIER'S DEVELOPMENT PROGRAMME (XDP)



Outreach at Singapore

Rebuilding XDP from Brick One, and bracing for the sesquicentennial celebrations along with a team of Xavier's enthusiasts was an exhilarating experience. With the generous support of my faculty colleagues, students, alumni and well-wishers of the College, the sesquicentennial celebrations embarked on an exuberant note.

The report entails the work done by the Xavier's Development Programme Office and the tasks undertaken hitherto:

June 2018

An outreach regarding the fundraising was organized in Singapore for the alumni based there by our former faculty Mrs. Nandini Sardesai, who has been a big support.

July 2018

The sesquicentennial logo was created and finalised. It was designed by Mudra thanks to Ms. Toru Jhaveri and a number of alumni working there.

August 2018

A sustained conversation with Mr. Josy Paul, our alumni and his organisation BBDO India, a well-known AD agency resulted in the creation of the for the 150 years: Made of Xavier's.

September 2018

A Photography project revolving

around the facade of the College for a calendar based on 150th year was initiated by our alumni Mr. Hemant Chaturvedi. He was ably assisted by two of our students from the Mass Media department and Ms. Perrie S., Head of the Mass Media department. The planning for the Press Conference related to the 150 years celebration was also set in motion. The XDP helped in coordinating with various sources and retired staff for the photography project.

October 2018

On 4th October 2018, the press conference for the sesquicentennial celebrations was held in the Xavier's Institute of Management & Research (XIMR). Eminent alumni of the college such as Swati Piramal, Sabbas Joseph, Anu Aga, Ashish Bhasin, Josy Paul, Shaina N.C., Amrita Raichand and Aditya Thackeray were among the spokespersons at the event along with Dr. Keith D'souza, S.J. (Rector) and myself. The logo and theme of 150 years was officially unveiled at the press conference.

On 16th October, a meeting was held to discuss the outcomes of Malhar and to plan the Leadership Summit began. Xavier's College Choir began their choir practices for the Inaugural Mass and the Inaugural event supervised by Rachel Lewis, Br. Vivian Almeida,

S.J. and Gynel Pereira. Danceworx, Mumbai began choreographing our students for a dance performance at the Inaugural event. During Diwali vacations, XDP helped to send out Diwali greetings to the staff of Xavier's.

November 2018

Dr. Keith D'Souza S.J., the Rector of the college and I visited Auckland, New Zealand from 31st October until 3rd November 2018 to deliver a couple of talks. During this time we organized an alumni meet thanks to the work of Maurice and Neil and some other alumni.

In order to reduce the huge number of fests which detracts from academics, we worked towards getting all the four language fests under one umbrella. LINGUA, a newly formed multi-lingual literary fest which brought the different literary departments (English, MVM, Hindi and French) under a single banner was held from 27th November, 2018 to 1st December 2018. It was well received by the students and encouraged friendships between different groups which otherwise worked by themselves.

We engaged in meetings with our illustrious alumni - Wiz Sabbas Joseph, Director of Wizcraft, an event management company well known across the globe and Josy Paul, for managing the creatives and event management part of the Inaugural Function.

December 2018

On 3rd December 2019, we had a College Feast Mass in honour of St. Francis Xavier at 9 am followed by a Meet & Greet between alumni of the college and friends of Xavier's. It was amazing to brainstorm on what the alumni and others felt the 150 years celebrations could be moulded into.

We partnered with BookMyShow (BMS) to sell tickets for the Inaugural function. The sale of tickets started in the 1st week of December. Publicity for the event was done across various social media pages. Ashish Bhasin, our alumni and CEO of Dentsu Aegis Network India, helped with the

publicity of the Inaugural function.

The Sesquicentennial Celebrations kicked off on 29th December, 2019 with the Inaugural Mass at 5 pm in the Palacious Hall. The main celebrant was Cardinal Oswald Gracias. The Xavier's College Choir did a splendid job of singing to beautiful hymns at the mass.

January 2019

On 3rd January 2019, the Inaugural Function was held at the Cooperage grounds. Various distinguished alumni, well-wishers and friends alongside the faculty of the college and sister institutions graced the function. It was a glorious event. A new arrangement of the Xavier's anthem was orchestrated by the choir and sung by the enthusiastic students of the college. The Jesuits banded together for a Beatles' Music performance which was thoroughly enjoyed by the audience and lastly there was the Xavier's Musical. A brief overview of the function can be found in the Sesquicentennial Souvenirs collated by Dr. Rashmi Lee George.

Following the Inaugural Function, we had a three-day International Science Conference in collaboration with Creighton University, USA from 9th January 2019 to 11th January 2019. Many distinguished speakers and distinguished alumni of the college from the field of Science were invited. It was attended by local and foreign students and researchers. The key organisers were Dr. Ashma Aggarwal and Mr. Marazban Kotwal.

On 25th and 26th January, we had a special 150 years JanFest which brought in a never before line up. Thanks to Mr. Bhaskar Saha and Asha Naithani Dayamafor organizing it.

February 2019

On 15th and 16th February 2019, the Gandhi Seminar organised by the Heras Institute (Joan Dias), Dr. Awanish Kumar and Dr. Rashmi Lee George. Speakers touched by the Gandhian Philosophy shared their thoughts and views with students and faculty of the college.

March 2019

On March 3rd, Very Reverend Fr. General Arturo Sosa, S.J. met students of all Jesuit Institutions across India at

Bandra.

On March 5th, Father General Arturo Sosa, S.J. visited the college and interacted with faculty and students of the college. A plaque was installed to commemorate the visit of Fr. General.

July 2019

On 13th July 2019, the Leadership Summit was organised under the guidance of Ms. Soni George and Mr. Pritesh Arte alongwith the student head Mr. Rishabh Vig. It was graced by great leaders as Adi Godrej, The Murthys, Montek Singh Ahluwalia and many others. The event met with resounding success.

We have planned many more events in the second half of the Sequicentennial celebrations. Stay tuned on the alumni and college portals for the same. We plan to conclude the Sesquicentennial Celebrations with a celebratory dinner in the month of December.

Hires and Internships:

Ms. Rachel Lewis took over as the Public Relations Manager in place of Ms. Venora Lobo in August 2018. We bid her farewell in February 2019. Thereafter, Mr. Dominic D'souza was hired as the overall manager of XDP in May 2019.

Denzil Lopes, a commerce work-study student, was hired as the office administrator (November 2017) but due to some other commitments he had to leave. Chris Anthony, also a commerce work-study student joined as the office administrator in June 2018.

Emily Andrade stepped out of her retirement and re-joined XDP in July 2018 and helps out to keep in touch with alumni of the college and other public relations work for the time being

Internships: Blanche Fernandes and others helped out with data management and supplied social media content during their free time in college. Blanche and her classmates have graduated this year in June 2019.

Special thanks to Hindol Hazra and Suryansh Shrivastava who helped impromptu content designing for the 150 years.

Digital Presence:

We have our very own St. Xavier's



College Alumni Facebook Page (St. Xavier's College Alumni) Facebook, Instagram (@alumnixaviers) and Twitter (@alumnixaviers) since December 2017.

XDP commercially engaged Almbase (owned by a Xavier's Alumnus based in USA) as a platform to engage with Alumni and raise funds. This brought into existence the official alumni website 'alumni.xaviers.edu' wherein alumni across the globe register and interact with us in case of queries. Currently we have over 15000 users on the website. If you have not yet registered, please register on our website for frequent updates.

Alumni across the globe can communicate with us at our email address 'xdp@xaviers.edu' and can call us via the college landline, extension no. 343.

Merchandising:

New 150 years' merchandise designed by BBDO India and others were released on 3rd January 2018. We are planning to take the presence of Xavier's merchandise online and are looking forward to future prospects.

Thank you to our former Principal Dr. Agnelo Menezes and to our current Principal Dr. Rajendra D. Shinde (without whom none of this would have been possible) and to all alumni and well-wishers of the college for bringing us together and making the 150 years' celebration of the college a memory of a lifetime.

Dr. (Fr.) Roy Pereira, S.J.
Director, XDP and
Coordinator, Sesquicentennial
Celebrations

INAUGURAL MASS



The year 2019 is a momentous one for the Xavierites and the Jesuit community of Mumbai. This year marked the sesquicentennial year celebrations of the college. To inaugurate this historical milestone, a thanksgiving Holy Mass was celebrated on 29th December

2018 in the College Hall, and attended by Jesuits, students, teachers, well-wishers and alumni from all over the world. The mass was celebrated by His Eminence Cardinal Oswald Gracias along with the entire Jesuit fraternity. The lovely Xavier's choir, led by our

alumna Ms. Gynel Pereira, comprising of students, alumni and staff, echoed the spirit of the celebrations. Post the mass, refreshments were served, and the gathering took this opportunity to mingle and catch up with each other. A small programme was conducted thereafter to get our alumni up-to-date with the events and projects taking place in and around the college on the occasion of the sesquicentennial anniversary of the college. The main focus was drawing attention to the current needs of the college, as well as inviting our patrons to attend the Fundraising Alumni Dinner that was to be held on 3rd January 2019. Grateful thanks to Fr. Prashant Olalekar, S.J., Fr. Dean Fernandes, S.J., Fr. Francis de Melo, S.J. and Br. Vivian Almeida, S.J. for being a part of the organizing team for the programme.

RECALLING ROOTS AND WINGS: THE ALUMNI DINNER

The Fundraising Alumni Dinner (Inaugural Function) the much-awaited event of the year was held on the third of January 2019. Months of planning and hard work finally manifested itself in the form of a cultural event at the Cooperage Football Ground. This event saw many of our prestigious alumni come forward to whole heartedly help the college to put up a fabulous evening, with food and drinks, and ensure that the attendees had a lovely evening connecting with long-lost friends and classmates. This event was organized by Fr. Roy Pereira, Mr. Josy Paul (BBDO), Mr. Sabbas Joseph (Wizcraft), Mrs. Nandini Sardesai, Dr. Nandita Mangalore and many other professors and well-wishers who took

time out of their busy schedules to make this event a grand success. Our emcee for the evening Ms. Mandira Bedi entertained our guests throughout the programme. The event also saw many of our alumni such as Shabana Azmi, Cyrus Barucha, Rajdeep Sardesai, Ashish Bhasin and Sunil Gavaskar who attended the event in support of the college. The Principal Dr. Rajendra Shinde welcomed the guests and spoke of the 150 years calendar of events. Fr. Keith D'Souza, S.J. the rector, gave the audience a brief note on the upcoming projects of the college, and the need of funds from our alumni in order to take the college to new heights. Many alumni came forward to pledge their support towards the various

projects of the college. The highlight of the evening, *the Xavier's Musical coordinated by Darryl Loyola, Rachel Lewis and Fr. Roy Periera, S.J. was a huge hit. Besides this, the Jesuit Beatles segment and all the other events were relished by Xavierites, Jesuits, alumni and well-wishers, coming together to reminisce and feel the nostalgia of the days spent in the college. The evening ended on a musical note with food and drinks, accompanied to the sound of live music by Ms. Anushka, who had the youngsters grooving to her tunes. The event generated a profit of around ₹15 lakhs, thanks to all the sponsors and donors for their support.

INTERNATIONAL SCIENCE CONFERENCE

'From Health to Well-being: An Interdisciplinary approach from Fundamental Sciences to Translational Medicine'

As part of the Sesquicentennial celebrations, St. Xavier's College in association with Creighton University,

USA organized an International Science Conference at its premises from 9th-11th January 2019. The interdisciplinary approach of this conference saw the gathering of eminent scientists (National and International) from the field of Medicine, Pharmaceutical Industry, Biological Sciences, Chemical

Sciences, and other applied Sciences; working in prestigious institutes, under one umbrella, holding panel discussions, and presenting papers as well as posters. A unique feature of this conference was the 'Home Coming' of the Alumni, who were ecstatic to connect with their college once again.

Another popular facet of this event was a live interactive session, where guest speakers encouraged students to come up with innovative ideas and pursue research for the benefit of society. The conference dealt with a wide array of topics ranging from nanotechnology, green synthesis, clinical research,

phytochemistry to nuclear medicine, stem cell research, microbiology, etc. to name a few. Many of our faculty members from Chemistry Department and Biological Sciences Departments participated in this conference, either as a part of the organizing team or as presenters. Dr. Rajendra Shinde was the

Chairperson of the conference while Dr. Devendra Agrawal (Creighton University) and Dr. (Fr) Roy Pereira, S.J were the conveners. The organizing secretaries of the conference were Dr. Ashma Aggarwal and Mr. Marazban Kotwal.

INTERNATIONAL CONFERENCE: ‘GEOPOLITICAL CHALLENGES - INDIA AND HER NEIGHBOURS.’



Participants of National Seminar

India has always been a nation that has faced numerous issues with her neighbouring countries. This is one of the main reasons India as a nation, prides itself for not being offensive or oppressive in our dealings with other nations. We have policies like ‘Neighbours First policy’ which stemmed in the ‘Look East’ and now ‘Act East’ policy to solidify our relations with the neighbouring countries, especially the Eastern countries.

The Xavier’s Political Science Association has always taken up matters of national and international importance and this year was no different. In collaboration with the Indian Council for World Affairs (ICWA) and the Indian Council of Social Science Research (ICSSR), an international conference, ‘Geopolitical Challenges - India and Her Neighbours’ was held on 7th February 2019. The

central theme of this conference was, ‘The Idea of Identity’.

The conference comprised an interactive session on the challenges that India faces when addressing sensitive issues with our neighbours and the resulting Geopolitics that take place. Tracing the historic aspect of war and treaties to settlements and alliances, experts on Geopolitics analysed the foreign policies and relations that India shares with her neighbours.

The Keynote speaker was Vice Admiral Girish Luthra who is a Flag Officer Commanding-In-Chief, Western Naval Command of the army. The speakers were **Capt. Alok Bansal**, an expert on South Asian defence and Maritime issues who has produced extensive literature Pakistan’s occupation of Kashmir and Indo-Pak relations. He presented on ‘India’s Security

Challenges in the Light of the Changing Geopolitical Environment.’ **Lieutenant General Syed Ata Hasnain**, a retired three-star General of the Indian Army who has commanded Army Corps in Jammu and Kashmir spoke on ‘Sino Pakistan Collusion and the Kashmir Conundrum.’ **Mr. Claude Arpi**, a French born author and journalist has written several articles and books on Tibet, China, India and Indo-French relations. The topic of his presentation was ‘Tibet Autonomous Region- Impact on Sino-India Strategic Relations.’ **Dr Sanjay Chaturvedi**, is the Dean of Social Sciences at the department of International Relations at the South Asian University in New Delhi has expertise on India’s International relations and spoke about ‘Maritime Concerns and Challenges. How is India Handling it?’ Lastly, **Dr. Puyam Singh**, Research Scholar with the ICWA, spoke about ‘India’s Neighbourhood in Wake of China’s rise.’

To completely understand the various pieces of literature that we read about India’s relations with her neighbours, we need to have a in depth understanding of the Geopolitical issues and challenges that India faces and that can only be attained through a conference such as this which offered a variety of intellectual minds and experts on India’s geopolitics. It is truly rare to have such a notably valuable combination of people offering their years of experience and research on a platform accessible to students.

Dr. Pratiba Naitthani
Head, Department of Political Science

THE LEADERSHIP SUMMIT



The Leadership Summit 2019 was held on July 13th, 2019, at St Xavier's College, Mumbai. Organised to commemorate the sesquicentennial anniversary of the college, the Summit has been planned and prepared for over a year. The students, the professors, the conveners – we all worked for months to bring a one-of-its-kind event, a business-themed summit, a corporate conference, which would be the flagship event of the year-long 150th anniversary celebrations.

The day began with the first keynote address, by Adi Godrej. Mr Godrej's short and effective speech was perhaps one of the highlights of the day, making it to several leading dailies the following morning. He warned against rising hate crimes, massive impoverishment, moral policing, growing intolerance, casteist violence and so on as serious obstacles to economic growth. He called for transparency and accountability. However, he did also congratulate

PM Modi for his 'grand vision' for the country.

The second keynote session, at noon, was a talk with Sudha Murthy and NR Narayana Murthy. Mr Murthy and Mrs Murthy were interviewed by emcee Bhavana Bhatia (an alumna of the college). The couple spoke at length about their careers, marriage and children. Mr Murthy's comments exhorting the country's youth to stand up and speak against 'what is happening in different parts of the country'. He also pointed out that in a 'house of learning' like our college, it should be the young people seated in the front at such a Summit, not established, working individuals. Mrs Murthy discussed her opinion on money: its use, abuse and value. Both also spoke about education and its importance, as well as the need for a holistic experiential upbringing.

The last keynote speech of the day, after lunch, was delivered by Dr Montek



Singh Ahluwalia. He took questions from the audience based on which he spoke extempore. He commented on business growth trends under different Indian governments.

We also had three panel discussions. The first one was about the present and the future of the Banking Sector in India, with such speakers as Mrs. Shinjini Kumar, Consumer Banking Head of CITI Bank, Mr. Rohan Lawrence Menezes, COO of CHD Group and Mr. Pavan Desai, CAO of BNP Paribas ISPL. This panel was moderated by the Editor of Mint, Mr. Rajrishi Singhal. The second panel, about Corporate Social Responsibility, was moderated by Mr. Jacob Ninan (CEO of the Axis Bank Foundation) and included Mrs. Anu Aga, former chairperson at Thermax, Mr. Vithal Kamat, founder of Orchid Hotels, Ms. Shaheen Mistri, CEO of Teach For India, Mr. Vasanth Kini, MD at Titanium Industries, and Mr. Rajeev Dubey, Group President for



HR at Mahindra & Mahindra Ltd. Our third and last panel was on the Post-Election Future of Indian Financial Markets. Moderated by Mrs. Sonya Dutta Choudhary, Editor at LiveMint, it comprised Mr. Ramesh Damani, Chairman of Avenue Supermarts Ltd., Mr. M.K. Sinha, Managing Partner at Global Infrastructure Partners, Ms. Shilpa Kumar, former MD & CEO

at ICICI securities, Mr. Raamdeo Agrawal, Co-Founder of Motiwal Oswal Financial Services and Mr. Utpal Sheth, CEO of Rare Enterprises.

The Summit was attended by many people working in the corporate field. Business people gathered to learn from some of the best minds who are working or have worked in their field. Although the ticket prices were

too expensive to be widely accessible to a student base, we did have quite a few interested student attendees. Despite delays, the Summit continued as planned and wound up within expected time limits. In the end, each of us took away something of value from the Summit and we hope the same can be said of our audience.

FR. GENERAL OF THE SOCIETY OF JESUS IN ST. XAVIER'S

As part of the Sesquicentennial Anniversary of the College, Fr. Arturo Sosa the General of the Society of Jesus visited St. Xavier's College on the 5th of March, 2019. He celebrated the Holy Eucharist with the Jesuit Community in the morning. After a brief tour of

the College, the main function was held in the College Hall to which the faculty and some representative-students were invited from all the five higher education institutions of the Bombay Jesuit Province, Xavier's Institute of Engineering, St. Xavier's

Institute of Education, XIC, XIMR and SXC. Fr. General unveiled the Universal Apostolic Preferences (UAPs) and spoke of their relevance to Higher Education. The program was coordinated by Principal Dr. Rajendra D. Shinde and Dr. Fr. Roy Pereira SJ.



SUPERIOR GENERAL OF THE JESUITS MEETS ALUMNI

On 3rd March, 2019, Fr. Arturo Sosa SJ – the Superior General of the world wide Jesuit organization - met alumni from Jesuit run schools and colleges of the Bombay Province.

The event was held at St. Stanislaus school and comprised a Magis Conclave followed by a dinner.

A video, depicting the contribution of Jesuits to education, was released at the

Conclave and featured twelve eminent alumni of Jesuit institutions of which most were Xavierites -General Ian Cardozo, Dr. Aadil Chagla, Adi Godrej, Josy Paul, Rajdeep Sardesai, Renuka Shahane, Somaiya, Soli Sorabjee, Prof. Shubha Tule.

Both in the video and during the Magis Conclave, the alumni, including others like Anu Aga, paid rich tributes to the

contribution of Jesuit education to their lives especially the values instilled.

This was followed by dinner attended by hundreds of Jesuit alumni where Fr. Sosa invited the alumni to share the Jesuit mission and be partners with God in creating a world of justice, love and peace – to be men and women for others.

Prof. Dr. Vivien Amonkar

ADDRESS OF FR. ARTURO SOSA, SJ TO JESUIT ALUMNI ON 3RD MARCH, 2019



It gives me great joy to be with you to share our ideas and reflections together. Your presence here this evening is a sign of your attachment to the Jesuit institutions you studied in. It is also a sign of your ongoing commitment to the values and ideals you imbibed during your years in school and college. I appreciate the time and trouble you have taken to be here setting aside your many pressing commitments to work and family. My address to you today can be broadly divided into three parts. The first will outline the mission of the Society of Jesus in today's context. The second part will touch on how the Alumni and Jesuits can be partners in taking forward this mission. Finally, I will offer some observations on the role of Alumni Associations.

A. The Mission of the Society of Jesus today:

Before talking about the mission proper, it is necessary to first situate the context. In other words, we need to first look at the situation our world is in today. Without elaborating, I briefly mention the chief issues confronting us today. Poverty and inequality: Technological advancements have resulted in an explosion of material goods and a wide variety of services. These however remain far beyond the reach of the poor, millions of whom wage a daily battle for survival.

Large scale displacement of people: Poverty, violent conflicts and natural disasters are causing a large number of people to flee their homes and build up a new life elsewhere. These migrants and refugees have to face huge challenges along the way. We cannot remain indifferent to their plight. The Ecological Crisis: Our wasteful use of material resources has caused a rapid degradation of the natural environment. The poor and marginalized are the most affected by this crisis. We are called upon to heed the cry of the earth and the cry of the poor, doing all we can to care for our common home. The Rise of the Right Wing and Fundamentalism: Religious identity and national identity are becoming tools in the hands of extremists all over the world. These fundamentalist groups are whipping up a sense of fear and insecurity. The result is that minority groups often become victims of violence and policies of exclusion. Virtual reality: Information technology has completely changed the world and governs our lives today. It has undoubtedly bestowed on us many benefits. A concern however is that this new way of life has affected our ways of relating. It is paradoxical that new means of communication have reduced our capacity for face-to-face interactions. The list above is not exhaustive but it highlights the major issues that shape our reality today. It is within this context that the Society of Jesus discerns its mission and the means for carrying this forward. In humility and sincerity, the Society of Jesus sees its own mission as part of the larger Mission of God. This mission beckons all men and women to be partners with God in creating a world of justice, love and peace. This mission remains essentially the same, but can be approached from different angles depending on the concrete circumstances. In the light of today's reality, the Society of Jesus has discerned that God is calling us to a Mission of Reconciliation and Justice. We have further identified three dimensions of this mission: Reconciliation with God, with humanity and with Creation. All three

are interconnected and inseparable. Our faith and our experience tell us that God is the source of our life. It is in union with the Almighty that we taste the fullness of life and understand better our purpose on earth. Today, more than ever, humans need to unlock the liberating potential that lies at the heart of spirituality and religious traditions. Jesuits and Jesuit institutions offer Ignatian Spirituality as a powerful way of helping each person arrive as his/her own personal encounter with God. The immense suffering and injustice in our world is a scandal that goes against the Divine plan and offends the very concept of human dignity. Our Jesuit institutions are committed to forming 'men and women for others' – a phrase so dear to the heart of Fr. Pedro Arrupe. We endeavor to build up structures that will support marginalized communities and help them rise to a reasonable standard of life. At the same time, we seek to form the conscience of individuals and promote a culture of fraternity and acceptance. Reconciliation with creation has taken on a new urgency in recent times. This requires a multifaceted approach that challenges the dominant models of development and promotes a greater respect for God's creation. At the macro level, we join hands with other experts to identify the roots and solutions to the ecological crisis. We also recognize the challenge to examine our own consumption patterns and adopt lifestyles that reflect our commitment.

B. Alumni engagement in Mission:

The Jesuits form one group among many others who are committed to carrying forward God's mission. We are happy to see that our alumni are also part of this commitment. I shall briefly touch on ways in which alumni contribute to our common mission. Involvement in Jesuit institutions: This is one way in which many of you give concrete expression to your commitment. Several among you have worked to upgrade the facilities in your Alma Mater while others have contributed through offering much

needed professional services. I am told some of you reach out to assist in other Jesuit works in the rural areas. For instance, the Loyola Alumni Association, Goa has reached out to our school at Manmad. The Stanislaus Association has been engaged in a variety of projects at Talasari and Uplat. We are truly grateful for your generosity.

Involvement in diverse services: Jesuit institutions are not the only locus for expressing one's commitment to mission. Many alumni are involved in a variety of religious and secular organizations that serve the poor. It would be selfish of us to ask that you leave these engagements aside and assist in our institutions. Rather, it gives us great joy to see that the vision and values imparted by your Head Masters and teachers have remained an integral part of your lives.

The witness of daily life: While appreciating your generosity in service, I am aware that the major part of your day is dedicated to your professional career and to your family commitments. Among you present here this evening, there will be lawyers, engineers, doctors, chemists, bankers, etc. Your busy schedule will leave you with very little time to engage in acts of social service. Please remember that your primary field of mission is your workplace and the home, be it interacting with colleagues, reaching out to clients or taking care of little children. In all these interactions, let your actions and choices be guided by professional competence and deep human values. In this way you participate actively in God's mission through the witness of your words and deeds.

Civic and Political life: We witness today a crisis of leadership in the public sphere. Political leaders have filled us with empty promises and we are often left lamenting the lack of good governance. Perhaps, this is our fault as well and our lamentations from the sidelines will not improve the situation in any way. There is a crying need for men and women of integrity to set aside their personal careers and plunge into public service. Yes, I would dearly love to see many more of you taking up the challenge of providing administrative and political leadership in Mumbai, Maharashtra and India.

C. The Role of Alumni Associations:

I have outlined above our shared mission and the ways in Jesuit Alumni are engaged in it. Alumni Associations can play a key role in sharpening and expanding this engagement. In order to do this, Alumni Associations should seek to do the following ...

Provide an opportunity for bonding: It appears that most Associations are doing this well. Regular meetings enable the alumni to renew old school friendships and relive the beautiful memories of student days. This is a valuable outcome in itself, but I think there are further benefits that accrue as well. The renewal of old friendships among students also fosters a deepening of their bond with the institution. When they recall the 'good old days', alumni are put in touch once more with the values imbibed at that time. They also recall the inspirational role played by certain teachers and are motivated in some way to be a source of inspiration to others.

Provide a platform for discerning and planning: Valuable as the above outcomes may be, I hope our Associations would go one step further by adopting a reflective and planned approach to mission. Associations could offer alumni an opportunity to come together and share on one's personal mission. Such a sharing, done in a spirit of mutual support and trust, enables a person to better understand his/her mission in daily life. The sharing can also open up greater possibilities for collaboration. Alumni become more aware of the pool of expertise that exists amongst themselves and can better channelize their services to assist the institution or support the good work of a fellow school mate. These meetings can also be used to plan an outreach activity together, to evaluate an ongoing project or to chalk out strategies for wider involvement in society.

Provide a forum for ongoing formation: In most discussions on mission, the focus is on what the alumni can contribute in service, paying back so to say a debt they owe to the institution. This needs to continue of course but it should not remain a one-sided relationship. I urge our Alumni Associations to explore ways whereby the Society of Jesus can continue serving you, especially in the area of ongoing formation. The riches of

Ignatian Spirituality can be of immense help to you in navigating the complex paths of adult life. Alumni Associations could undertake to organize sessions wherein Jesuits share with the alumni life-changing tools such as Discernment, Spiritual Conversations and the Awareness Examen. Familiarity with these spiritual practices would surely be an invaluable help in your personal and professional life.

Conclusion:

Keeping in mind the great importance of Alumni Associations, I urge you to continue doing all you can to promote them. Do invite many more of your classmates to join in as members. You can be great ambassadors for your Alma Mater, identifying where your batch mates are and bringing them in contact once more with the institution. Networking among Associations is another way of growing in strength. It is good to know that you are active members of the Jesuit Alumni Associations of India (JAAI) and also of WUJA, with Mr. John Nellankavil being an office bearer of WUJA. I am also happy to hear of efforts to strengthen the bonding between Associations in the West Zone. Do keep moving ahead in this direction. Some efforts could also be made to promote Alumni Associations in the rural schools. I am glad that some of you have already visited Talasari and Manmad to encourage the process of setting up local Alumni Associations. Finally, I ask that at least one Jesuit be actively involved with each Association, paying special attention, among other things, to the aspect of ongoing formation. My special thanks to the organizers of this evening. I know you have spent much time and energy in putting up a programme of this magnitude. And to all of you present here ... Thank you for being here, thank you for the service you do and thank you for the great love you show towards us. May we all continue working together for the Greater Glory of God.

“CELEBRATING MAHATMA GANDHI”



Dr. G.G. Parekh, an ex-Xavierite-Gandhian who was arrested during Quit India movement outside St. Xavier's

The year 2019 is the sesquicentennial year of the birth of Mahatma Gandhi and St. Xavier's College (Autonomous), Mumbai. As part of the sesquicentennial year celebrations of the College, and to place on record its admiration for a towering personality such as Gandhi, a two-day seminar titled, “Celebrating Mahatma Gandhi” was organised during 15-16 February, 2019. The Gandhian spirit is reflected in the values of St. Xavier's: professional innovation, personal integration and social inclusion. Efforts to empower movements related to social justice and peace-making are common to both Gandhi and St. Xavier's.

In our struggle for independence against the British, Mahatma Gandhi utilized what in *Hind Swaraj* he called the “soul force” which stood in stark opposition to “brute force” – a feature of western modernity. Soul force manifested in the form of truth and non-violence or, in other words, *Satyagraha*. Gandhi's *Satyagraha* and its offshoots: non-cooperation and civil disobedience privileged citizens' right to dissent

against injustice. In his worldview, a democracy thrives when we offer the freedom to disagree. Gandhi's messages of *Swaraj*, simplicity and service to humankind foregrounded dignity of labour and most importantly unified the Indian masses against the common threat of colonialism. During the partition riots in 1947, Gandhi spoke of, “that ideal which makes us all, Hindus, Sikhs, Moslems, Christians, the sons and daughters of a common Mother India”.

The seminar began on 15 February 2019 with registration for participants and tea. The formal function started with singing of Gandhian bhajans and a welcome address by Dr Rajendra Shinde (Principal, St Xavier's College) and Dr (Fr) Keith Dsouza SJ (Rector, St Xavier's College). The inaugural keynote address was delivered on video by the world-renowned Gandhian scholar Lord Bhikhu Parekh who couldn't make it to the program at the last minute due to an injury. The next session titled, “Gandhi in Bombay” was addressed by Dr Usha Thakkar (President, Mani Bhavan Gandhi Sangrahalaya, Mumbai) with Ms Sandhya Mehta (Researcher, Mani Bhavan Gandhi Sangrahalaya, Mumbai). The session discussed the years that Gandhi spent in the city and how he was impressed by the civic spirit of Bombay. The next session was an interactive one with Fr Cedric Prakash SJ (Human Rights Activist) from Ahmedabad. The next session titled, “learning about leadership



Gandhi Seminar- Dr. Prabodh Parikh

from the Mahatma” was delivered by Mr Ashutosh Shirke (YuvakBiradari, Mumbai) who took all sorts of difficult questions about Gandhi and Gandhism from the participants. The day closed with a performance by the Natural Streets for Performing Arts (NSPA), Mumbai with Gandhian bhajans and folk songs.

The second day of the seminar began with a session titled, “Let's talk about Gandhi” by Dr Prabodh Parikh (Senior Poet and Artist; Retired Head of Department, Department of Philosophy, Mithibai College, Mumbai). Dr Parikh's session was a freewheeling chat about the dilemmas of being a Gandhian in the contemporary world. The next session titled, “Gandhi in the 21st century” was delivered by Dr Nishikant Kolge (Author of *Gandhi Against Caste*, Centre for the Study of Developing Societies, Delhi) whose book has received excellent reviews in academic and popular journals. The next session of the day was an interactive one with veteran Gandhian and an alumunus of St Xavier's Dr G G Parikh. He narrated his experiences of the Quit India Movement and his association with Mahatma Gandhi himself. The final session of the seminar was a screening of the *The Making of a Mahatma* by noted film director Shyam Benegal. The screening was followed by a discussion with the director of the film, Shyam Benegal.

The seminar witnessed excellent participation of students from St Xavier's and other Mumbai Colleges. Over 100 students and members of the ordinary public attended the seminar on both days.

Dr. Awanish Kumar



THE GARGOYLES SPEAK...

I am attached to this college – literally and figuratively.

As one of the newest gargoyles adorning the walls of St. Xavier's College, I am now in charge of protecting my realm and warding off evil. I notice everything, nothing escapes me. I can even sense the disapproval in the glance of old Grandpa Gargoyle back there. He treats me like the unapologetic student who repeatedly forgets her I.D. card. He claims he has no faith in the new generation, but that's an insult I'm not ready to take sitting down. I wait for my chance to retort.

There. I hear him cough. Again. That means he is preparing to set off on one of his sermons. Here it comes: "Kids these days, constantly on their phones- so lazy and self-absorbed! Why, in my days, I remember that there was a strong sense of community spirit among the students. They were interested in more than just the fulfilment of individual needs- like the members of the dear *Social Service League*. Right from its inception in the 1950s, what a variety of initiatives did it spearhead! Literacy classes, night classes for the underprivileged, visiting hospital patients to spread good cheer. Oh, and the lovely tradition of Rural Camps that began in 1952 - I remember those happy faces setting out for Gotmal, and how I wished then that I wasn't rooted to my perch. There was the College Committee- they did a lot of good too. I remember that they raised Rs. 4,344 towards the Assam flood relief. Of course, this sum must be pocket money to you now, but let me tell you, it was a princely sum back then. Oh, the good old days....."

I shot back instantly "But Grandpa, did you not hear the happy laughter that emanated from these terrace rooms yesterday? It was the day of the Project Care *Mela*- one of the most exciting events of the SSL. And that's not all the SSL does – they have a whole host of activities for community welfare. And do you know- each of our students works with an NGO for the better part of one academic year. I believe that this manner of social work does indeed generate a decent amount of empathy in the minds and hearts of the students."

Grandpa Gargoyle looked like I had given him something to chew on- food for thought. I felt rather proud of myself. I pledged that I would not leave (not that I could, anyway) until some faith in the current generation was restored in him. To begin the process, it was necessary to show him that I was not self-centred, and so I decided to ask him about himself.

"Grandpa Gargoyle" said I, "You must have lived through the freedom struggle and after, didn't you? I'd love to hear stories of your experiences in those days." He replied with a grunt, "I guess I could spare some time to do so. But which of the freedom struggles are you talking about?" I stare at him, wondering if his memory is already playing tricks on him. I say, "Hasn't there been but one major struggle in India? I might have lived a very sheltered existence (despite exposure to all the elements), but I hope I know that much."

"Yes, girl, but I was also talking about our college's own long struggle for autonomy, struggle for freedom from the narrow confines of the university syllabus. I remember the principal, Fr. Lancy Pereira, talk about it way back in 1974. The Government of Maharashtra was in favour of granting autonomy to universities of a certain calibre- and we certainly qualify. Fr. Lancy said that autonomy ought to be something we consider, because it will enable us to become a pace-setter in the field of education in Mumbai. But despite struggling long and hard, autonomy eluded us."

Oh, Grandpa Gargoyle, still living in the past. I brought him up to speed: "But we did! Oh we did- in 2010, at long last. Gone are the days of rote learning, past are the days when we had to learn scores and scores of irrelevant facts. Our assignments are now a beautiful blend of creativity and critical thinking. Social work broadens our horizons. Unlike other colleges that try to curtail the number of extracurricular activities, our college encourages, nay enforces such pursuits. This is academic innovation in its truest spirit, for it stimulates multiplicity of opinion and diversity of thought."

"Oh yes, Xavier's has always, *always* has believed in accommodating a large number of interests. We've always had a wide variety of organisations and associations- there's something for everyone. In the early days, we had societies like the *PE Debating Society*, the *Historical Society*, and the *Science Union*. Come the centenary of the college, and the institutions on campus included the *Philosophy Club*, the *Photo Club*, the *Graphic Arts Circle*, the various departmental societies - those of the subjects of Psychology, Sociology, Economics and Political Science. While these associations provided intellectual stimulus to the students, there were also others to ensure spiritual well-being and development - the *DIRS* and the *AICUF* being the most prominent, of course."

I reply, "Gosh, that sounds fascinating. Sometimes I wish I could saunter into the past and silently marvel at the activities of these organisations. Some of them are still active and I suppose I shall have to content myself with them. New associations have also taken birth- the *Political Science Association*, the *Debating and Quizzing Society*, the English and Hindi theatre societies, the *Marathi Vangmay Mandal*. It's a pity some of the old ones don't exist anymore. The Photo Club sounds fantastic. There would be so much to discuss now - with all the advances in the art of photography."

He snaps, "There was a lot to discuss then too! Photography before the dawn of Instagram had a special charm. Now the shallowness of social media has spoilt everything. It's all evil, I say!" I bear his rants in silence. Then, taking a deep breath, I begin, "Grandpa Gargoyle, you complain so much about technology and the darkness it represents. But it has illuminated so many lives too. For instance, have you heard about the XRCVC?" No answer- he looked befuddled at all these newfangled acronyms. I continue, "That stands for the Xavier's Resource Centre for Visually Challenged. It's so cool, and not just because of the AC there. The XRCVC uses different computer tools to create study material for the visually challenged, among other functions. Students volunteer to do this work

and they themselves gain insight into the lives of those people. They help in creating an atmosphere that encourages participation by all. Can you imagine the joy in helping someone do this- in helping them become empowered through education? And this was started way back in 2005!”

Grandpa Gargoyle looked impressed. He declared, “I’m glad Xavier’s has kept up its principles. That is something I have always been proud of. It has never let any obstacle- physical, social or economic get in the way of those who wish to learn. This reminds me -*Sahayoga!* I’m sure you wouldn’t have heard of it. It was established in 1979, with a view to extending access to education to all, by not allowing finances to act as a barrier between a student and education, and also by conducting English language classes for students from non-English medium schools. Knowledge is a treasure and here, it has always meant to be an accessible one.

You might dismiss all of this as the ramblings of an old man, but education is a subject I love waxing lyrical about. I remember in 1982, they had also begun courses under the aegis of the Learning for Life Programme that were open to students across streams, and what more, they were on subjects that might appeal to niche interests, while not always being part of core syllabus. The LFL Programme had on offer courses on yoga, public speaking, creative writing, law for the layman, and so on. The honours programme was introduced quick on its heels, in 1987.”

While the subject of his speech was fascinating, I thought it only fair that I get in a word edgewise now. “Yes, yes, the honours I have indeed heard of. Also, post autonomy, students are greatly encouraged to take up cross disciplinary studies, with the introduction of the compulsory Cross Faculty course. I greatly admire the pains that this college takes towards the encouragement of well-rounded scholarship.”

“Oh yes, you talk to me about scholarship, and so I must mention here one of the greatest scholars to have ever walked the hallowed portals of this college- Fr. Henry Heras. He came to India when half his life was passed,

and devoted the rest of it to the study of Indian History. He established the Indian Historical Research Institute in his lifetime, that was renamed in his honour post his death. How many colleges can boast of their own museum on campus? And how many of them can boast that lectures organised by them- the Heras Memorial Lectures, in this case, have birthed new scholarship? For Romila Thapar, upon delivering her speech on the topic ‘Time as a Metaphor of History’ later expanded the same into a full length book.

But enough of all this academic talk! You must be subject to it already, from all quarters. Let me tell you now of one of the most beautiful experiences I have had the privilege to have. I have been listening to the heavenly harmonies and mesmerising melodies of Janfest for about four decades. I can still picture the first concert of the IMG. It was just a small event attended by a few Indian Classical music enthusiasts. And now, look how it has evolved! Malhar, too, used to be a mini intercollegiate competition in singing, debating, and painting.” He adds wistfully, “And on the subject of beautiful memories, I remember getting glimpses of Nissim Ezekiel, Eunice D’souza, Adil Jussawala, Morarji Desai, and so many others, as they came to college in a variety of roles: as teachers and as guests.”

This last line stirred something in me and I said excitedly, “Oh, yes, I love to steal glimpses of various illustrious personalities as they set foot into our college. Why, I have a pocketbook filled with the names of people I have seen - Dr. A. P. J Abdul Kalam, His Holiness the Dalai Lama, Barack Obama, Hillary Clinton, Narayana Murthy, Adi Godrej,....Many of these dignitaries had come as speakers for the *Malhar* Conclave, did you know? It has now transformed into one of the biggest college fests of the country! Moreover, we have begun a host of other festivals too - Ithaka, Antas, Paradigm, Antarchakshu, to name a few.”

For some moments the conversation stops, as abruptly as it had begun. Pensive silence seems the best complement to the nostalgia. In that lacuna, we hear the sounds of college life- footsteps in the corridors, the din in the canteen, the buzz in the classrooms,

the shouts in the quad, the occasional birdcall on the terrace.... I realize how peaceful it is up here. We remain there, soaking in all the sensations. Then Grandpa Gargoyle says, “I am one of the oldest gargoyles adorning the walls of St. Xavier’s College. I have watched this institution grow from when it was a little mite of a thing in the 1870s, to the present- when it is a mighty pillar of the academic community. And it has derived its greatness from values that are as old and solid as this building.”

I whisper, “Innovation, Integration, Inclusion.”

Grandpa Gargoyle smiles kindly, and says, “I wondered if you would realize the point I was trying to make. I’m glad you did. Maybe you youngsters are not so bad after all.” I spot the twinkle in his eye. I’m about to interpolate, but he stops me.

“Let me finish,” he says, “It has been long since I was a young Gargoyle, fresh out of the mould. My paint is now chipping off, I sense my limbs weakening- though my roots and wings are as strong as ever. Nevertheless, it’s time for me to pass the torch. It’s your turn now, little one. It’s your chance to watch over them. Lest they forget, remind them of their legacy and its spirit! I hope they continue to mould solutions out of their logic, their creativity, their compassion. True education has always been a precursor to action....”

I absorb it all for a few seconds. The serenity of this place hits me once more. Who knew there could be an upside to an 8 am lecture? I whisper, “It’s not just a college, it’s a way of life. Isn’t it, Grandpa Gargoyle?” He smiles again and I know that he agrees. Then with a heavy sigh, he says, “Anniversaries call for reminiscences – as our college celebrates 150 years of its establishment, I felt that this special jaunt down memory lane was in order. I couldn’t help myself.

After all, I am attached to this college- literally and figuratively.”

ToshitaSahni, FYBA
Sruthi Venkateswaran, SYBA
Shaurya Singh, SYBA

CLIMATE, RIVERS AND VEGETATION: NATIONAL SEMINAR



Botany Department and National Society of the Friends of the Trees organized a National seminar on "Climate, Rivers and Vegetation" (14th February 2019). Mr. Bittu Saghal, Founding editor, Sanctuary Asia gave the keynote address on "Climate Change". Other renowned speakers included Dr. Pardeep Shirvastava, Retired Senior scientist, Medicinal

and Process Chemistry Division, CSIR- Central drug Research Institute, Lucknow, spoke on "Unique Biodiversity of south east Asia and Bionics: A promising Future Ahead" through his scientoons. Dr. Milind Sardesai, Professor, Department of Botany, Pune University, spoke on "Whether our forefathers were knowing the technique of sex alteration in plants?". Mr. Murari

Ratnam, Ex-Director, Central Soil and Materials Research station, Ministry of Water resource, New Delhi gave an illustrated talk on "Effect of climate on water resources". Dr. Ajit Sonakia, IFS, Retired Principal Chief conservator of forest, Bhopal gave a talk on "Global warming and Climate change". Dr. Pravish Pandya, Director, Science and Conservator, Sanctuary Asia led the panel discussion to answer all the queries. MSc Botany Students also put up a small exhibition of plants and herbal cosmetics products, around a theme of "reuse and recycle and innovate".

Dr. Vijaya Lobo
Department of Botany

DIGITAL LAUNCH



On the 3rd of February, 2019, Hon. Prime Minister Shri. Narendra Modi digitally launched the Entrepreneurship Cell and Skill Hub. The launch was preceded by an interactive session

with the Hon. Education Minister Shri. Vinod Tawade. The E-cell also organised a one-day national level seminar: **Fostering Entrepreneurship: Start-up as a stepping stone.** The event

was attended by 400 students and 45 members of faculty.

Seven alumni and a current student were invited to speak at the conference. The first three industry experts: Mr. George Tharakan, Mr. Romit Mehta, and Mr. Kishu Daswani discussed the various challenges in the different spheres of business like legal, financial and marketing.

The following five speakers: Ms. Deeksha Ahuja. Mr. Tapas Joseph, Mr. Jai Doshi, Mr. Amrit Preetam, Ms. Trisha Singh; entrepreneurs with established startups, shared their success stories and business insights with the audience.

ECC

The Extra Curricular Credits Committee primarily records and monitors the Extra-curricular points of the students. We organise events, workshops, seminars and, life skill programmes which encourage students to enrich their talents. This year, the Committee was divided into 6 sub-departments and the Debate Society. This year, separate sub-departments were created for Xavier's Dance Society

(formerly Western Performing Arts Dance) and Western Performing Arts (WPA) Music, Indian Performing Arts (IPA) Music and Indian Performing Arts (IPA) Dance. The other sub-departments are Literary Arts (LA) and Fine Arts (FA).

The Xavier's Debating Society:

The year 2018-2019 was incredibly eventful for the Debating Society.

The society held numerous practice sessions starting from 24th September 2018 in the Woods and subsequently in LR 36, which saw a significant turnout from students.

A wide variety of motions ranging from historical narratives to current affairs spanning politics, societal constructs, moral policies, sports, entertainment and even future technologies were

debated, deliberated and discussed. The society actively participated in numerous debating tournaments in Mumbai and across the country and even organized a handful of events inside the college.

The society participated in a total of five debates in Mumbai and five debates outside Mumbai at a national level. The society also organised four debates in college and held ten selection sessions. 24 general sessions were also held over the year. They participated in several tournaments :

1. NALSAR University of Law National Parliamentary Debate Hyderabad 2018, 14th to 16th September
2. NMIMS Shastrarth, 27th September 2018.
3. Fr. Conceicao Rodrigues Memorial Debate 2018, 28th to 29th September 2018.
4. SIES Inter-College Debate 2018, 21st December 2018
5. Indian Law Society's Law College (ILS)Pune National Parliamentary Debate 2019, 11th to 13th January 2019
6. NMIMS Crossfire Debate 2019, 18th January 2019
7. 9th Indian Student Parliament Pune 2019, 18th to 20th January 2019
8. HR College Debate 2019, 22nd to 23rd January 2019
9. IIM Ahmedabad Chaos National Parliamentary Debate 2019, 26th to 27th January 2019
10. Christ University National Parliamentary Debate Bangalore 2019, 9th to 11th February 2019

Debates organized by The Xavier's Debating Society in St. Xavier's College, Mumbai.

1. Gandhi Jayanti Debate organized by the ECC Committee, 26th September 2018.
2. Sabarimala Debate organized by AICUF in association with the Xavier's Debating Society, 16th November 2018

3. Maharashtra United Nations Association (MUNA) Debate 2019, 4th February

4. Student Faculty Debate 2019, 6th February 2019

Quiz Society:

The society organised a general trivia quiz for all students, received over 150 participants and was well accepted by students of the college.

WPA (Music):

A workshop called 'More than Music' was conducted by Noah Jacob, a SYBSc student. The workshop involved an interactive session techniques on the guitar, song- writing and personal experience. It was attended by 60 students who were left demanding for another session with Noah.

WPA (Dance):

WPA organized two workshops in the past year. The first one was a street jazz workshop conducted by Tina Dante and Shayanne Hill who are students at The Danceworx. Trudyann D'souza, an ex-Xavierite and also a Zumba instructor conducted the second workshop on Bachata + Rock n Roll. She has performed alongside notable industry members like Shiamak Davar and Ashley Lobo. Both the workshops included a basic introduction, techniques and finally some amazing routines choreographed by them.

The department also coordinated and performed dances at the SXC 150 years Alumni Fund Raiser Dinner held on the third of January at Cooperage. While working for this, 22 dancers were selected to train and work under professional dancers from The Danceworx and get basic introductory training in Jazz, Broadway Jazz and Jive and, performing on such a big platform. Following this the department was asked to perform the same routine at the International Science Conference held on the tenth of January 2019.

IPA (Music):

Rāga or Raag is a remarkable and central feature of the classical Indian music tradition, and thus,

IPA Music organized a Raga Saga workshop through which, students

were taught about ragas of music and the components of classical music.

IPA (Dance):

Various dance workshops were organised throughout the year to keep students abreast of the rich cultural heritage of our country and to enable them to learn more about classical dance. Indian classical dance, or Shastriya Nritya, is an umbrella term for various performance arts whose theory and practice can be traced to the Sanskrit text *Natya Shastra*. A hugely appreciated workshop, 'Chhan' was conducted by one of our own students.

The annual classical dance event, Nrityangan, organised by IPA dance, got huge responses and was won by Mallika with Akhila Paul as runner- up.

Fine Arts:

A workshop was held by Mr. Dinesh on 'Pin and Thread art,' which is characterized by an arrangement of coloured thread, strung between points to form patterns or designs. He taught us we can use little things like threads to express our talent and emotions.

A finger painting workshop was also arranged so that everyone could get their hands dirty and have some fun being a child again.

Fitoor (Hindi Theatre society)

A Bollywood quiz was arranged where basic questions about the industry were asked. The quiz gave a lot of people a chance to rewind after college hours. The quiz garnered a huge response and people wanted more where it came from.

Learning for life:

Epiphanies of Life-The first workshop of year was regarding positivity in life and was held by an ex-army lady officer. This provided a great start for the workshops.

CV writing workshop- This workshop, held over a few days was organized to teach students how to write professional CV's when they go out hunting for jobs and internships.

Veteran Day talk-A talk was given by Commodore Aspi Marker spoke about

the life of an army officer and how glory is just one little aspect of being in the army, navy or air force.

Finance Workshop- An intensive three day finance workshop was organized to enable students to acquire financial knowledge and analysis techniques in the field of finance. It also included a visit to Bombay Stock Exchange and the RBI monetary museum.

Plantation Drive- 'Hara hai to bharahai' was a plantation drive held in association with Radio City and Student Village organization. They told students to plant one tree and be more concerned about the environment.

Other Activities:

BBC Podcast-A session with Kalki Koechlin was held in the college hall where she discussed the BBC podcast on her life. Students had the chance to directly interact with her ask her questions.

Manto Talk- Nandita Das the director and Nawazuddin Siddique the lead from the movie Manto came and publicized their movie in college. They spoke with relevance to the story on how Freedom of Speech was being muffled in India.

Slack line workshop - Slack lining refers to the act of walking or balancing along a suspended length of flat webbing that is tensioned between two anchors. Slack lines are tensioned significantly less than tightropes or tight wires in order to create a dynamic line. Organized by Tanaya of SYBA, this workshop included the art of walking on thin strap and taught the importance of balance in life.

Traditional Day- On December 3, 2018, the ECC Committee organized the much awaited Traditional Day. The day started with mass in the college hall followed by a peace procession in collaboration with the DIRS. In the later part of the day, DJ's were invited

for a jamming session in the hall. The day was full of fun and pictures.

'Fun Day' with Teach for India-A Fun Day was organized by the committee as part of its social outreach. 10th grade students from the Teach for India program came and interesting activities were held in the Fell Gymkhana. The kids were given a tour of the library and were curious to know more. The day ended with an interactive session with the Principal.

TY Farewell- With the theme of 'Under the Stars', the committee organized the farewell on the 19th of February. Attended by 800 students and organized with a workforce of less than 15, the event was grand. The night was filled with photos, good food, dancing and wonderful memories. It was a great end to the committee's activities for the year.

Dr. Ashma Aggarwal
Incharge, ECC

ENABLING THROUGH INCLUSION



The Enabling Committee for year 2018-19 met three times during the year to work on policies of inclusion on campus and ensure effective service delivery of inclusive education services to students with disabilities (SwD). For the academic year 2018-19 the college had on its rolls a total of 110 SwD across F.Y.J.C to Third Year Graduation. Some of the key highlights of work undertaken under the supervision of

the Enabling committee for the year included the following.

- Successful enrollment of all SwD for the academic year 2018-19 and smooth conduction of accessible examinations for the same. Our Swd used computers, oral exams and writers to complete their examinations based on their needs. The implementation of the Inclusive Accommodation

enrollment and provision of services was done through the XRCVC and conduction of the examination through the Exam Center.

- The Knowledge center was updated by the XRCVC with computers with screen readers and screen magnifiers for Students with blindness and low vision to use the computer examination options
- Access Audit of the college was conducted by Ms. Parul Kumtha, Nature Nurture Architects (Ms. Kumtha is a government empaneled access auditor under the Accessible India Campaign of Government Of India)
- Keeping in mind the need of spreading the culture of inclusion amongst students, a Student Inclusion Cell (SIC) was constituted during this academic year that will look at inclusion and diversity issues amongst the student community. With this being their first year of operation, through the year they worked

on various interesting projects such as: Building a Writers' pool, Accessible Notice Boards system for the campus, Awareness events for inclusion.

- St. Xavier's College participated in an I-STEM Inclusive Hackathon in January 2019 at IIT Bangalore. The college was represented the event

by students and faculty of BsC IT department and XRCVC staff. The teams with Xavier's faculty and students were amongst winners at the event. In addition, the college also participated in a University Roundtable for Inclusive Higher Education at the said event.

- A sensitization session on

Specific Learning Disabilities was conducted at the Young Teachers Seminar in April 2019 by the XRCVC.

This academic year also saw the college **received the Nipman Foundation Microsoft Equal Opportunity Awards 2018 in the category of Inclusive Higher Education**

LANGUAGE LAB

St. Xavier's Language Laboratory has been one of the most valuable facilities available on St. Xavier's campus aiming at helping students acquire proficiency in language and soft skills necessary for effective communication. Students get the freedom to learn at their own pace with the help of language learning software installed on 25 computers in the spacious air conditioned lab and the most recent books on soft skills. The infrastructure of the lab makes it possible for the instructor to provide assistance individually and collectively.

The year commenced with a diagnostic test administered across all divisions of FYBA. Students for the special course in Language Lab for the first semester were selected based on their performance in the test. The second semester had a diagnostic test conducted in coordination with the SPC team. The Language Lab was kept open from 8:00 am to 3:30 pm where the instructor was available for ongoing courses and for student consultation.

Vacation Workshops

During the Summer Vacation, Language Lab hosted a series of workshops which was open for students across all schools and colleges. The objective was to enhance communication skills of undergraduates, post graduates and students from Junior College who require help with expressing themselves and their knowledge efficiently along with their academic records. These workshops covered aptitudes corresponding to speech skills, group discussion, role play, extempore, debate, vocabulary, grammar skills and PPT presentation (non-technical). Certificate of participation was provided to students after the completion of each workshop.

Workshop	Date
Drafting Formal Letters and Emails	3/4/19
Handling Career Interview Questions	9/4/19
Advanced Vocabulary for Campus Conversation	11/4/19
Crafting Effective Presentations	23/4/19
Grammar Proficiency for International Exams	25/4/19

International Programme

Language Lab was instrumental in organizing an *Intensive English Language Course* for the students of Soka University, Tokyo as a part of the International Programme in February, 2019. The highly interactive audio visual sessions held in the Language Lab also provided a platform to the participants for interacting with St. Xavier's students from Arts, Science and Management faculties.

Ongoing Activities

In addition to regular courses in English language and soft skills, Language Lab conducted group discussion, storytelling, Interview Skills practice and presentation skills sessions during post lunch hours. These sessions aimed at confidence building. Students got a chance to practise fielding conference questions in a setting that is more like real life. Also, senior students volunteered to mentor the freshers with valuable guidance and timely feedback on public speaking skills and built-in situational conversations based on parameters recommended by the Language Lab. Writing Skills practice included books and movie review writing and collocations based article drafting.

Students in '*audio-video interpretation*' listened to radio talks, watched short videos on Language Lab PCs followed by review writing/presenting or practice speaking language by interacting with students from different streams on topics selected by the Language Lab instructor. Reading Club comprising of students from Arts and Science discussed favourite aspects of books they read in the Language Lab and the characters they liked. Students realised that their speech partners require them to speak more clearly and listen more carefully. Hence, the fundamentals of communication were practically simplified. The first activity for new comers included *Introduce your Partner, Pick and Speak* and *Tongue Twisters*.

The SIP department also provided volunteers for content creation and mentoring for vernacular medium students on campus so that these otherwise bright students cope up with their academia on St. Xavier's campus.

Looking Forward

We extend our heartfelt gratitude to our Principal who resolutely believes in the potential of Language Lab in making our students industry ready by incorporating the necessary skills besides acquiring subject knowledge. Special thanks to all the professors who motivated our students to walk into the Language Lab for consultation. Language Lab is looking forward to its educational, co-curricular and extra-curricular activities as we enter the new academic year 2019-20.

Ms. Jyoti P More
Coordinator, Language Lab

LINGUA 2018



Lingua 2018 was curated in lieu of Xavier's celebrating its 150th year, to create a platform which connects readers to experiences that celebrate the culture of ideas and imagination. We strived to bear on our shoulders the phenomenal legacy of *Antas*, the eclectic charm of *Ithaka* and the fabled rootedness of the *Marathi Vagmay Mandal* while creating the multi-language, 5 day literary extravaganza -Lingua 2018.

In its very first edition, the vision for Lingua 2018 was to create a platform conducive for all storytellers to tell us their chronicles, no matter the language of their choice. They used the stage as a page-and used the most potent tool to connect us to the events beyond our experience and worlds beyond our own. In addition to incredible theatre with a total of 8 plays from all three languages, we had an enigmatic telling of partition through our Hindi musical *Laqeer*, classical renditions of the *Lavani*

performed masterfully, stalwarts such as Shreyas Talpade and Ashwin Sanghi discussing language elitism and the contemporary communication of ancient myths, an elaborate Bollywood Orchestra and a Disney style French musical. Thus, Lingua 2018 catered to every nuanced palette.

Lingua also featured activities that were off the beaten path- such as a traditional Marathi cuisine tasting event, a Bollywood quiz and *Antakshri* for film geeks and a resurrection of outdoor Indian games such as *Lagori* and *Kho-Kho*. We were also regaled with the compositions of our specially-abled contemporaries as they took centerstage while telling the stories of the heroes from Maharashtra through the art of *Bharud* and amateur poets who were challenged to take on the greats by retelling the English classics in their own words. At Lingua 2018, we tried to feature parallel narratives from our indigenous cultures that make for stories that deserve to be told. We hope to have told stories that made a difference and maybe even ushered in our own little revolution of thought.

Mariya Sethwala
SYBA

MALHAR 2018 - A TIME TURNER

Malhar 2018 was scheduled to be held on the 15th, 16th, and 17th of August 2018. The theme chosen for this edition of the festival was **Malhar 2018- A Time Turner**. The theme hoped to pay a tribute to the rich history of both Malhar, and our esteemed college, which was on the brink of its sesquicentennial year. We also looked forward to integrating the most interesting elements of our past with our present, and propelling ourselves towards a more innovative future.

Malhar 2018 aimed to reinvent itself, and to go beyond the normal conventions of a youth festival. We sought to introduce various new experiences including **Malhar Confluence**, held on the 15th of August, which provided a unique platform for students to interact with eminent personalities such as *Nadir*

Godrej, Vapalla Balakrishnan and Anurag Kashyap. The **Malhar Concert** gave us the opportunity to host a musical evening with bands such as *Neeraj Arya's Kabir Cafe, and the F16's*. An interactive Alumni Session was also conducted by the Vice-Principal (Academics) Dr. Fr. Roy Pereira S.J, where alumni discussed their Malhar experiences, and how those shaped them into the people they are today.

Being an intercollegiate fest, events contribute largely to Malhar. In 2018, there were 47 events in total. All the events were re-evaluated and changes were made to make them more relevant to the current times and objectives. We worked towards improving our administrative systems, simultaneously directing our efforts towards a green paper-free Malhar. Preceding the

festival, Malhar conducted various activities and events to create a platform for everyone to display their unique talents. A salsa dance workshop, a bake sale, a savoury sale, FIFA E-sporting event, student performances at Carter's Road, Bandra were conducted. A book lounge, an art lounge, and a popular merchandise lounge were also set up on the days of Malhar, in addition to the various events pertaining to the fine arts, literary arts and performing arts that were held on the 16th and 17th August, 2018.

Malhar has always believed in giving back to the community, and this year was no different. Our first social cause was a 'Mini Malhar Day', where we interacted with children from the Wishing Factory and took them on a tour of the aquarium. Malhar 2018

also organized a Football Tournament for Visually Challenged Students. Furthermore, a Donation Drive was held to raise money to purchase sanitary napkins for girls in a school in Rural Maharashtra. This was done in association with Myena Foundation. We also asked for donations from our college students and contingents, and sold those at the 'Yardsale' at St. Peter's Church, Bandra. The money raised from the same was donated to the local Parish.

As with any event, Malhar faced an unexpected turn of events. Our former

Prime Minister Shri. Atal Bihari Vajpayee passed away on the 16th of August 2018. As a mark of respect, all Malhar events were postponed indefinitely. However, with the unwavering support of the teaching and administrative staff, we were able to complete the festival across the 25th and 26th of August 2018. The audience turnout we received for Malhar 2018 was outstanding, nearing almost 8000 more people than the previous year.

We were able to conduct all our scheduled events, and give Malhar the proper closing it deserved. Malhar 2018

saw some outstanding performances, and a lot of talent. The winner of the prestigious Malhar trophy was Mithibhai College, Mumbai.

Malhar 2018 was an exciting opportunity. We were able to achieve many of the goals we had set for ourselves in the beginning, and ensured that above all it was a valuable learning experience for everyone who engaged with it.

Ms. Gauri Saxena TYBA
Chairperson, Malhar

Dr. Radhika Tendulkar
Professor in charge

SOCIAL INVOLVEMENT PROGRAMME

In this era of globalization and market orientation, people across the globe have become increasingly selfish and egocentric. The advent of quick-fix cyber solutions has created a generation of impersonal communicators. To counter this, the Social Involvement Programme (S.I.P.) department performs a vital function in St. Xavier's College (Autonomous), Mumbai, by shifting the students' focus from self to the other.

In the academic year of 2018-19, 861 students altruistically completed their allotted commitments by immersing themselves in activities with our collaborating Non-Government Organisations (NGOs) in various social spheres.

S.I.P. Department's Provisional Activities in 2018-19

The department furthered the scope of social involvement of the students by encouraging them to participate in the following non-regular areas with our non-partner NGOs.

No-Honking Awareness Campaign:

NGO held campaigns across 10 junctions in Mumbai from Churchgate to Borivali were held on 25th November, 2018. Students educated drivers and rider sat signals about the negative aspects of honking. They also stuck "I pledge not to honk," stickers on various types of vehicles.

CAN-A-THON:

This event, conducted by the Sanjeevini Organisation highlighted the need for early detection and prevention of cancer. Student volunteers walked from Marine Drive to Charni Road Bridge on 17th February, 2019 to spread awareness for this cause.

Safe Streets for Mumbai:

Students attended a Safe Street Project organised by The Urban Vision on 6th and 8th April, 2019. They gathered community feedback on safe streets at the CSTM traffic junction.

Examination-support to Differently-Abled students:

Student volunteers supported specially-abled students of the college by being examination-writers for them.

Voluntary Stationery Contributions:

Through the year, various donated stationery items were collected by the Department and sent to NGOs in urban and rural areas across (add place)..

Audience-Volunteers at NGO events:

These students attended:

1. A talk on 'Women and Social Media' organised by YWCA, Colaba.
2. 'A Christmas Carol' Concert at KC College, Churchgate, organised by Noteward.

Thus, through 2018-2019, the S.I.P. Department has continued its legacy of empowering students by exposing them to social, economic, political and psychological realities. It is in keeping with the vision of the college that the S.I.P. contributes towards making students of St. Xavier's College more empathetic, humble, tolerant and appreciative of their families, for a life without any lack and so, a life of tranquillity.

Dr. Agnelo Menezes
Head, Social Involvement Programme

SOCIAL SERVICE LEAGUE

The year 2018-19 has truly been an extraordinary one for SSL. After almost 30 years, SSL has seen a new Director-in-Charge. After Fr. Terence Quadros got transferred, the SSL was left with no constant staff coordinator and therefore faced a lack of guidance. It wasn't very long before Br. Vivian Almeida was

appointed as the new Director of the SSL. We had 6 projects in total running throughout the year, wherein two new projects were added (Workshops and Conservation & Donation) and some were carried out the traditional way, as they have been for 30+ years. (Blood Drive, Project Paint, Rural Camp and

Project Care Kids).

Workshops as the name suggests held certain skill based activities such as Soap making, Zumba, Dessert making, etc. for a minimal fee. C&D (Conservation and Donation) was the environmental hand of the SSL where

we collected particular donations once a month and then donated them to an NGO and also conducted tree plantation drives. These projects were introduced with a view to generating revenue for the SSL and awareness about the global environmental crisis. One of the main contributions of C&D this year was the donation drive carried out during the Kerala floods where all of SSL and college came together to make sure the donations reach those in need. The Psychology department made all their students get soaps/toiletries in exchange for attendance and extended a helping hand. In addition to these

developments, Blood Drive 2019 saw one of the highest donor counts in long time - 459. This figure was featured in *Hindustan Times* as well! Rural Camp was conducted over a period of 10 days in Mahad where 50 of us worked in synergy at More Farms with the Jankalyan Trust, helping them to weed out their turmeric fields and creating a check dam at their manmade lake. Project Paint was featured in one of the newspapers this year for painting the Byculla Women's Jail and Project Care Kids saw a huge success at their annual Mela for kids, despite changing the organization we worked with.

To summarise, SSL 2018-19 faced some ups and downs with respect to external and internal management but at the same time saw some great results in terms of certain projects. These results were reaped owing to some risks we took based on exposing ourselves to novel avenues as well as working effectively around older projects.

This academic year, the SSL aims to be a more inclusive space for everyone, owing to our motto- Where Goodwill meets Opportunity.

Signing off,
The Executive Committee 2019-20

WELLNESS CENTRE

The motto of St. Xavier's College is "challenging to fly." Helping students to unleash themselves from the ordinary and soar to heights they never thought they could reach is the aim of the Wellness Centre.

Wellness is not simply not being ill. Wellness is about being vitally alive, discovering and using more and more of your potential. But this may start off sometimes with getting out of illness like depression, chronic anxiety, etc.

And so the Wellness offers both: counselling for problems, and activities to develop oneself.

The WelCen offers a 3-session workshop called "Unleash Your Potential" to help students get out of the limited image they have of themselves and learn how to grow slowly but surely through small

steps to great goals.

It also has a variety of activities to showcase student talents: "Open Music Evening" where students can present their singing or instrumental skills; "Slam Poetry" for budding poets to present theirs; and a "Theory Club" to feel the power of ideas to change the world.

Also to help new students the WelCen has a Student Support Group (SSG) that organises college tours to get to know the complex campus, and "Talk it out" sessions to meet new friends and interact with people. Also to encourage interaction, the WelCen had a "Culture of Giving" two-day event where anyone who wanted to share a talent or a skill or things post this up, and others could take up the offerings. The interactions

that this generated surprised everyone.

The Wellness Centre also conducts Team Building sessions for groups that want this like the SSG and Xavier Institute of Counselling Psychology, and Creativity sessions for students of XIC.

For the faculty of SXC, the WelCen offers training in Mentoring students. This has already been done for FY teachers, and sessions for all college teachers are due soon.

For many years the WelCen has conducted psychometric testing like Aptitude tests, Personality tests, IQ tests and Career Interest tests. Many from outside the college also come for these tests.

Fr. Francis de Melo, SJ.

What the chapel is to the spiritual life, the library is to the intellectual life --an inspiration. It is the vital centre from which radiates the subtle, almost opalescent, influence that moulds the mind of the student who comes within the orbit of its magical inspiration. The library is the great and benignant lamp of wisdom and humanity where the student can kindle their rush lights.

OUR NEW LIBRARY – Fr. Gonzalo Palacios de Borao S.J, Principal 1933 - 1940

LIBRARY REPORT



Ms. Medha Taskar, Librarian (seated, centre) and the Library Staff

Highlights of the Year

Smart TV: A 49 inch Samsung LED Model no 49UN7100 was purchased for 68,000/- out of a donation from our alumnus Chuck Gupta, an old friend of the Library. This donation came to us through the Xavier's Development Programme (XDP). The smart TV (along with a Home Theatre and DVD player yet to be added) installed in the Lending Library can be used to view movies by small groups of students.

Dr. Eunice de Souza Collection: Dr. Eunice de Souza, former teacher and Head of the English Dept. passed away in July 2017. Her personal collection of 345 books was gifted to the Library in March 2019. It will be preserved in her memory, in a special corner in her name, in the Honours Room.

RUSA GRANT: Books worth Rs.5.5 lakhs were added to the Library in the subjects of Psychotherapy and Psychology; Economics; English and Sociology. The New Palgrave Dictionary of Economics, 3rd ed., vols. 1-20 is a coveted possession we could add through this grant.

Working Hours

Library was kept open for extended hours from 9.30a.m. to 8.00p.m. with the cooperation of the Commerce Library attendants.

• Acquisitions and Gift Books

- Books purchased: 1160 (988+172)
- Gift Books: 788
- Journals + Magazines subscribed: 93 (Indian 80, Foreign 13)
- Gift Journals: 24

172 books were added to the Library through a Junior College book grant of Rs.70,000. A new accession register was started with accession nos. prefixed with X for Junior College.

LIBRARY COLLECTION

The total no. of records in the SLIM database exceeds 1,11,000.

Books: 101546, Bound volumes of Journals:10892.

CDs, DVDs VCDs: 515

Gift Books:

Gift books received in previous years were added to our collection. Major donors this year were Dr. Pearl Pastakia, Lindsay Pereira..

Library Displays

21 Library displays of new books were held during the academic year, book covers scanned were sent to digital notice-board and list of additions mailed to teachers. A special display on Mahatma Gandhi's works was held for his sesquicentennial birth anniversary from 2nd October 2019, till the end of

the year.

Library Binding

176 Journal volumes were bound.

Library Automation and Digitisation

The Library Automation server for web OPAC was shifted to the Knowledge Centre in October 2018. The Library catalogue web-link on the College website is not available since that date. Four new computers were installed in the Reference Library under the RUSA grant. These replaced our old internet access PCs. The LED Lights were found too bright for the Library and the idea of replacing the CFL lights was dropped. Shelf reading of books using Inventory Assistant (IA) was done for the first time in the Lending Library, on a few shelves of books.

LIBRARY STATISTICS

Library Membership

Arts:-

Sr. College:- 440

Junior College:-142

Science:-

Sr. College:- 414

Junior College:- 44

M.A:- 47,

M.Sc:- 64,

Ph.D.(Arts) :- 0,

Ph.D.(Sc.):- 01

B.Voc

(Software Development):-4

B.Voc (Tourism) :-18

Paperback Section :- 8

Self Financing Courses :

BMS:- 68,

BMM:- 121,

B.Sc (IT): 67,

Forensic Science: 2,

M.Sc. (Biotech):- 49,

M.A (Public Policy) :-40

Diploma in Counseling Psychology (XICP):- 20

Student Exchange Programme:-3

Staff:- Teaching 79

Non Teaching 03;

Visitors : 21

Total :- 1655 users were issued Library Cards.

Letters issued for Library Visit to other institutional, University Libraries:-0,

Visitors Cards issued 14.

Total No of Books referred in the Library :- 12242

No of Books issued from Lending Library :- 7387

No of Books issued from Reference Library :- 2134

No of Books issued from Honours Library :- 2931

Total No of CD/DVDs issued from Multimedia Library :- 13

Total No of CDs issued from Lending Library :- 19

Library Education

Library Tours: We started from 8th June 2018 and continued till 12th Feb 2019. Students devoted one lecture period to the tour, about 16 batches of students from FY to PG classes benefited out of the exercise. The student feedback was

very positive and encouraging. Library tours should be made mandatory at the entry level for all UG and PG level as well as new teachers.

Departmental SIP in the Library was completed by 30 students. The activities involved fixing magnetic tapes inside books, shelf reading etc. Library attendants supervised this work.

Staff Activities/ Achievements

Ms. Sonali Paradkar continued teaching a course in Library Science for 3 FYBA students with language disability. She conducted lectures, practicals, set papers and evaluated the same.

Ms. Sonali Paradkar was observer at Mumbai (Thane centre) for on-line entrance exams of BMM, BMS of the College, held for the first time in June 2019. This centre had maximum no. of students (approx. 700) for both the days.

3) Ms. Sonali Paradkar Participated in a one day seminar on “Transforming use of digital resources: Perspective of Library Users, Database Vendors and Librarians” held on 2nd March 2019, at Guru Nanak Institute of Management Studies.

4) Ms. Sonali Paradkar attended a course of lectures in FIRST AID training, held under the auspices of St. John Ambulance Association on 29.12.2018 and 30.12.2018 at their Fort Office. She was awarded a certificate for the same.

Vivek Tambe, Asstt. Librarian, helped organize and lead the Birth Anniversary function conduct of Bharat Ratna Dr. Babasaheb Ambedkar birth ceremony, celebrated in College on 14th April 2019.

Ms. Medha Taskar was part of the Magazine Committee.

Medha B. Taskar
Librarian



The Staff of the General Office

MADE OF XAVIER'S



FARE FORWARD



ST. XAVIER'S COLLEGE, MUMBAI

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Celebrating
150 years
of innovation,
integration
and inclusion



DR. BAPTIST AGNEL MENEZES



Dr. Baptist Agnel Menezes fondly known as Aggie retired on superannuation on 31st August 2018, after serving in St. Xavier's College for 3 years as Principal and for 10 years as Associate Professor in the Department of Economics.

As a Principal and as per the requirements of an Autonomous College he also served as the Secretary

of the Board of Management and as Chairperson of the Academic Board, Examination Board and the Finance Board of the College. He has been known for his punctuality and his adherence to time. He is a very dynamic teacher. Several generations of Xavierites and the students before Xavier's vouch for his admirable teaching style. He is much in demand from Management Institutes as well as the Navy Institute in Goa. He has been repeatedly invited by the Mumbai University to be on various Committees. His innovation has been

the weekly links which have helped staff to get an idea of the activities in college. The weekly links were created for more transparency and participation in the college activities. His legendary love for the poor expresses itself in a number of ways both for the students on campus as well as the poor outside. He goes out of his way to accommodate and motivate the lesser privileged students. Under him many blossomed and found their strengths. He has been the Head of the Department of Public Policy, Incharge of the Social Involvement Programme (SIP) and has been the Hostel Warden.

DR. GOUTAM BANDOPADHYAY



Dr. Goutam Bandopadhyay superannuated on 28th February 2019, after serving in St. Xavier's College for 17 years in the Department of Geology.

Prior to joining the department Dr. Bandyopadhyay was a geologist in the Associated Cement company for over a decade and travelled the length and breadth of the country as well as to various locations in Africa searching for mineral resources. This experience held

him in good stead when he joined the department as he was able to enlighten the students with his experiences in the field.

Dr Goutam Bandyopadhyay or 'Dada' as he was fondly called was for a long period, the senior most faculty member in the department and extremely down to earth. His penchant for sweets was legendary in the department. Even on field trips the first stop was a sweetmeat shop.

Along with his competence in Geology, he has contributed to the College by being an active member of the following Committees: Lab.

Safety, Student Placement, Research, TAQ, University Exam Committee and Women's Development Cell. He was recognized by the University of Mumbai for Post Graduate Teaching and as a Research Guide for Ph.D. It was such involvement by him that helped the College in sustaining the various activities on campus thereby adding quality to our educational strive.

St. Xavier's College places on record our gratitude for Goutam's commitment and significant contribution to the college. Our prayers and good wishes go with him for a happy and productive life after formal retirement.

RAJESH VORA



Professor Rajesh Vora joined the Commerce Section in the year 1996 and retired in July this year after 23 years of excellent service.

Professor Vora (as he was usually called) was a man of the students. His heart went out to the students not only in the classroom but even outside. It was not surprising to see Professor Vora sitting in a local train with students all around him and teaching them some difficult

aspect of Financial Accounting or Tax. He never seemed to tire when he was with students.

Professor was also a deeply spiritual man. This quality of his ability to find God in all things and all things in God helped him face tremendous challenges both in his personal and professional life. His relationship with God was so profound and deep that he was able to look at everything that happened in his life as coming directly from God.

Professor was also a friend and confidant to many members of the teaching staff. He was responsible for filing the tax returns of many staff

members and he did this with utmost confidence and confidentiality.

He was honest to the core and performed any task given to him with diligence and dedication.

There is no doubt whatever that the students will miss his teaching and his unique style. They will also miss his availability and dedication. However, they and all of us are also happy that Professor will be able to concentrate on his business and family life. He will also be able to find time for study in spirituality and communicating this to everyone he meets.

MARIA CARRASCO



Ms Maria Carrasco joined the Commerce Section in 1988 the year of its inception. She was the first (and for many years 'ONLY')

non-teaching staff.

She joined as a clerk and retired as Office Superintendent after 31 years of dedicated service. Maria joined at a time when there were no computers and all documents (which included

applications to the University, letters, question papers) had to be type-written. This would have been tedious for most of us, but for Maria it was not. Since she was also proficient in shorthand (which is a dying skill these days) she could manoeuvre her way quite easily and effectively.

Maria never counted the hours or kept track of when she had to leave. For her, the work was her focus and had to be completed and well.

She was always quiet and unassuming and let her work and efficiency speak for itself. She was always available to

help staff and students and everyone felt comfortable in her presence. She received much support from her husband Mario who was at the College every evening waiting for Maria to finish so that he could walk her home. Maria and Mario have been blessed with two daughters who are their pride and joy.

Though Maria has retired officially from the Commerce Section, we know she will continue to make herself useful to many more and in many ways. We pray that she continue to be blessed with good health of mind and body.

Gaze at the library from any angle and the immediate impression is as of some sanctuary that houses a deity beautiful, neat, spacious, well – proportioned, and quiet. Each detail has been carefully thought out, and the woodwork of the cubicles has been wrought with that amount of ornament that pleases the eye without being obvious or garish.

OUR NEW LIBRARY – Fr. Gonzalo Palacios de Borao S.J, Principal 1933 - 1940

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OUR ALUMNI



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and inclusion



MADE OF XAVIER'S

The halls of our college have witnessed the chrysalis of countless students who have changed the world through their own spheres of influence. The alumni from our prestigious institution have shown excelsior in field such as business, performing arts, bureaucracy, law, sports, activism and academics. St Xavier's for many had been the beginning of their long standing journeys. This article provides a glimpse into the college journeys and careers of some notable alumni. Presented below are a minuscule number in the much larger and wholesome list of ex-students who have paved the way for change.

Neerja Bhanot



The heroic young lady was a student of economics and sociology at college before pursuing a career in modelling and then becoming the head purser for the Pan Am Flight 73 that had been hijacked by terrorists on 5th September 1986. With immense courage she helped passengers escape through the emergency exits but sorrowfully lost her life. Posthumously, Neerja became the youngest recipient of India's highest peacetime gallantry award- the Ashoka Chakra.

Ashok Kamte

After receiving his bachelor's degree from St Xavier's in 1985. A talented athlete, Mr Kamte went on to represent India at the junior power-lifting championship in Peru in 1978. He then joined the police force. Mr Kamte was killed in action during the 2008 Mumbai attacks. The Government of India awarded him posthumously with the Asoka Chakra for his acts of valour during the attacks.



Sir Ratanji Tata



The Indian Financier and philanthropist was educated in the pre independence era of our college.

After completing his graduation he proceeded to enter his father's firm. During his tenure the Indian Institute of Science (IISc) Bangalore was established. He also oversaw the foundation and subsequent working of Tata Steel. One of the most important steps by Tata was the storing of water power in the Western Ghats. This provided a substantial amount of electricity to Mumbai and increased the efficiency of industries here.

Adi Godrej



The Indian industrialist and businessman and Padma Bhushan recipient finished his secondary education from our college. The current head of the Godrej group, he has ensured that the company ventures towards a more sustainable business development model. The group has taken immense initiatives as part of their corporate social responsibility. During his years in college, Mr Godrej "found the extra-curricular activities very good" and "enjoyed hanging out in the canteen."

Azim Premji

A student of science in college, Mr Premji is an Indian business tycoon, investor, engineer and philanthropist. He is the current chairman of Wipro Limited. His has guided the firm to higher heights in the last four decades. Wipro now stands as a global leader in the software industry. In college, Mr Premji "played a lot of cricket." After college he went on a trip across Europe with some of his classmates which he reminisces about occasionally. He has continued to stay in touch with some of his classmates from college.



Anu Aga



A Padmashri awardee, nominated member to the Rajya Sabha and current chairperson of Teach For India, Ms Aga is one of the most prominent businesswomen and social worker in

India. having completed her BA in Economics from college, she moved further to gain a post graduation degree form TISS. Her work with Thermax in the corporate sphere as well as several social ventures have been highly regarded over the years.

Justice M. C. Chagla



The man who was to be appointed later to the post of Chief Justice of the Bombay High Court, and who held that position from 1947 till 1958, joined Xavier's in 1917. He was an avid debater in college, and was the secretary of the PE Debating Society. He was also the second Xavierite to be appointed Vice Chancellor of the Bombay University, and it was in this capacity that he wrote a letter to the college principal, stating that "It is indeed very heartening to know that (such) support and co-operation will be forthcoming from so important an Educational Institution in the City of Bombay as the St. Xavier's College, of which I am always proud to have been once a student."

Nanabhoy Palkhiwala

An inane jurist and economist, Mr Palkkhiwala joined the college in 1936 and went on to do bth his B.A. and M.A. from here. He was a member of the First Law Commission of India (1955) and went on to argue several cases before the Supreme Court of India including the 'Kesavnanda Bharati vs State of Kerala case. Endearingly called 'Nani', Mr Palkkhiwala was awarded the 'Padma Vibhushan' in 1998



Soli Sorabjee



This former Attorney General of India is yet another illustrious alumnus - and is quite a gifted writer as well! The Inter-Arts Souvenir Magazine (1947-48) contains a rather witty article by him, on the virtue of patience, where he writes "If you feel

tempted to taste of the joys of patience, well, get your bones broken, your leg bones preferably and nothing can do that more efficiently than a motor-bicycle.”

Harish Iyer



The Indian Equal Rights Activist has completed his post graduation for St Xavier's. Mr Iyer has been an advocate for a number of causes including promoting the rights of the lesbian, gay, bisexual, and transgender (LGBT) community, children, women, animals, and survivors of child sexual abuse. In August 2018, the National Human Rights Commission (NHRC) appointed Iyer to the Core Group on LGBTI issues. This is the first group set up to look into concerns and challenges of the community, in a bid to harmonise existing laws with the needs of the community. For him “The college has been more than just a piece of architecture. Every brick and mortar of the institute speaks about the liberal values that it brings to the fore.”

Rajdeep Sardesai

The Inland news anchor and author has been an Economics student at our college. OG Lit in Malhar 1985, he is now consulting editor at the India Today group and hosts India Today Television. He was also the Editor-in-Chief of Global Broadcast News, that included CNN-IBN, IBN7 and IBN-Lokmat.



Mr. M.V. Kamath



Having original pursued a Bsc degree from our college, Mr Kamath began his career as a chemist. Eventually, he went on to follow his passions and alter his path towards journalism. His acclaimed career accredits his with various posts such as the Editor of ‘The Illustrated Weekly of India’, European correspondent of ‘The Times’, Union Correspondent of PTI and President of the Bombay Union of Journalist.

Mr. Frank Moraes



After graduating from Xavier's with First Class Honours in History, Mr. Moraes studied Law at Oxford. But his calling lay somewhere else- in journalism. He went on to create a seasoned career in that field- going on to become the editor of ‘Times of India’, ‘Times of Ceylon’ and later, the editor-in-chief of ‘The Indian Express’. His peculiar gift lay ‘in his ability to simplify complex issues for the reader, to interpret things in black and white and to asses problems in personalized terms.’

Amish Tripathi

The Indian author credited for his novels ‘The Shiva Trilogy’, Mr Tripathi has written books that have been part of the fastest selling book series in Indian publishing history. Selected as an Eisenhower fellow, Amish has gained international recognition for over 4 million copies of his books that have been sold. An alumnus of our college, Amish Tripathi was also Chairperson of our college festival ‘Malhar’ in 1994.



Ashwin Sanghi



A BA Economics graduate from St. Xavier's college, Mr Sanghi ranks amongst India's highest selling English fiction authors. His books The Rozabal Line, Chanakya's Chant and he Krishna Key have gained international acclaim. Having spent both his junior college as well a undergraduate years at Xavier's, Mr Sanghi describes his days here as “Fun” He says that “ all our teachers were easily approachable and friendly. There was always a general air of bonhomie always inside and outside the classroom.” Some fo his most memorable days have been “sitting in contemplation in the Indian Music Group's facility or spending consecutive nights listening to music greats at Janfest.”

Ameen Sayani



This host of Binaca (later Cibaca) Geetmala was yet another alumnus of the college. While he gained prominence for his distinct style of speech, he had already developed a rather distinct, witty style of writing in his college days. Take a look at excerpts from a long narrative written by him, published in the November 1951 edition of the college magazine – he hilariously narrates his attempts to obtain a driving license, ending the piece in parody of Tennyson, with “For Supervisors may come, and Supervisors may go, but the quest of my driving license must, it seems, just go on and on...”

Shaheen Mistry

An alumnus of our college, Ms Mistry is the founder of the Akanksha Foundation, an Indian non-profit organisation that works towards educating underprivileged children. She is also the CEO of the Teach for India initiative since 2008. While recalling fond memories of our college she says “I loved it. I really liked the professors and the people I met.” She further went on to say that one of the biggest thing she retained from Xavier's was actually non academic. “ It was understanding people, mindsets and cultures.” She accredits Xavier's for giving her the platform to start Akanksha. “Everyone was supportive, from friends to professors to the principal of the college. Their encouragement made it a lot easier.”



Fali S. Nariman



While Fali Nariman is a Padma Vibhushan awardee and jurist of very high repute today, his skills of leadership and organisation were well evident right from his times as an undergraduate at Xavier's. He was one of two founder-editors of the POLECO, a college paper that published students' views on pressing political and social issues. This paper was founded in 1947, and an issue of the magazine published

that very year describes him to be “A live wire- diffusing sparks of enthusiasm.”

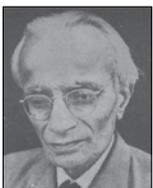
H H Maharaja Shri Karni Singh



Maharaja Shri Karni Singh was indeed someone who lived a very active life, dabbling (successfully) in a variety of activities, as it were. He was the last person to officially hold the title of the ‘Maharaja of Bikaner.’ A gifted academic, he did his Bachelor’s degree in History from St. Xavier’s college, and even successfully pursued a PhD in the same subject. He was a member of Parliament for a decent amount of time. However, his greatest claim to fame is that he represented India in shooting in the Olympics a commendable five times. He has provided, to the college magazine, an account of his experiences during the 1960 Summer Olympics in Rome, writing “(in the finals) I got an aggregate of 183 out of 200, which placed India 8th, typing with France. This was really far higher than I could have hoped for when I left India.”

J. B. Petit

Jehangir Boman Petit, more commonly remembered as J.B. Petit was a famous nationalist and mill owner, and was noted for his philanthropy, patronising educational bodies among other institutes. It is interesting and heartening to note that some of his philanthropy was directly towards the college as well. In 1914, Mr. Petit donated to the college library over two thousand books belonging to his father, Mr. Bomanji Dinshaw Petit, and what was more, he even bore the cost of the restoration of the books.



H. D. Sankalia

An archaeologist of great repute, H. D. Sankalia pursued his M.A. in Ancient Indian History from the Indian Historical Research Institute (what we know as the Heras Institute today). He delivered the first ever “Heras Memorial Lecture”, something that has since become a college institution.

Dr Armaity Desai



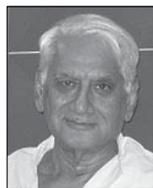
Having graduated from college in 1955, she had a keen desire to help society and come a career for herself in the field of education and social work. She graduated with a degree in sociology and thereafter went to study at the Tata Institute of Social Sciences of which she later became the Director. She was also the Chairperson of the University Grants Commission. While talking about her time in Xavier’s she says “It’s amazing how a small group of friends from Xavier’s has stuck together. we were more than a group of friends. I was also involved in a lot of activities. College was a very good experience and I thoroughly enjoyed it.”

Zeenat Shaukat Ali

A Bachelor’s and Master’s student at college, Ms Ali also went on to become the Professor of Islamic Studies here at St. Xavier’s College. She is now the Director General, World Institute of Islamic Studies for Dialogue, Peace and Gender Justice. Her published works include: Book entitled “Marriage and Divorce in Islam” 1987 (Released by Dr. Shankar Dayal Sharma — June 1987) and various articles published in important journals, magazines and newspapers. She is attached to several prestigious organizations and has attended and participated in some important seminars, concerning Muslim women, nationally and internationally.



Charles M. Correa



Perhaps the most famous Indian architect to have ever lived, Charles Correa also once studied within the walls of our institution. Lesser known, perhaps, is that he was also a poet in the days of his youth, having several poems published in various issues of the college magazine.

Mahindra Kapoor

The incredible playback singer and Padma Shri Awardee graduated from



our college in 1954. Even as a student, he was famous for singing and nofunction was complete without him.

As a multilingual artist, he has sung hundreds of songs in Hindi, Marathi, Gujarati and Bengali films. He is best remembered as the patriotic voice behind “Meri Desh ki Dharti.”

Zubin Mehta

Today, we all know Zubin Mehta as the music director of the Israel Philharmonic Orchestra, and one of the most reputed music conductors in the world. His talent was evident from a very early stage in his career. An excerpt from the college magazine of 1961 states– “One of our former students, Mr. Zubin Mehta, ... made his debut as the conductor of the Montreal Symphony Orchestra... Newspapers of Montreal praised this budding conductor... We have no doubt Zubin will follow in the footsteps of his illustrious father (Mr. Mehli Mehta).”



Pankaj Udhas



A Bsc student in college, Mr Udhas has enchanted the world with his ghazal performances. Having studied in the 70’s in what he has called the ‘hippie era’ of college, Mr. Udhas would organise and perform for the yearly ‘Sangeet Nite’. Having started his career with the release of the hit album ‘Aahat’ (1980), he rose to fame with his song ‘Chitthi Aayee Hai’. From then on he did playback singing in many Hindi films. In 2006, Mr Udhas was awarded the Padma Shri.

Sunil Gavaskar

A Padma Shri and Padma Bhushan Awardee, Mr. Gavaskar started his career as the captain of the Xavier’s cricket team. He went on to scale great heights and remains one of the best opening batsmen in Test Cricket history. He is also a well-read man and a great orator- his match



commentaries are always a pleasure to hear! He is and will continue to be an inspiration for sportsmen of many generations.

Polly Umrigar



Even when Umrigar was but a youth, he was already a cricketing force to be reckoned with. During his days in Xavier's, he captained the college cricket team to victory in the inter-college cricket championship in the 1947-1948 season, and had already begun to play in Ranji Trophy matches.

Shabana Azmi

The Indian film, television and theatre actress graduated from St Xavier's with a BA degree in Psychology. In the course of her career she has been accredited with a record of five wins of the National Film Award for Best Actress. She has also been awarded the Padmashri in 1988. She is a Goodwill Ambassador of the United Nations Population Fund and has also been a nominated member of the Rajya Sabha. She describes her days at college as "fun filled and stress free" she urges students that years later when their "hair has turned grey" they



will realise that their "college years have contributed immensely in making you (them) the person you (they) have become". Ms Azmi says that the first lesson she learnt in Xavier's was to "accept myself as I am and not run after a borrowed image of what appears attractive".

Satish Shah



The Hindi film and television actor is best known for his roles in. Shakti, Umrao Jaan, Jaane Bhai Do Aaron and Yeh Jo Zindagi Hai. An alumnus of our college, Mr Shah attended college from '72 till '74. The Sangeet Mandal then was extremely active with Mr Farooq Sheikh as it's chairman and Anil Kapoor, Javed Khan, Dilip Dhawan, Shabana Azmi involved in staging plays and organising various competitions. Each year in college, he walked away with the best actor award.

Durga Khote

The Indian actress and one of the foremost leading ladies of her time, Mrs Khote pursued her Bachelor of Arts degree at college. Through her career of over 50 years, she starred in multiple plays and 200



around films. One of her most notable role has been 'Jodhabai' in K. Asif's Mughale-e-Aaazam. She is a recipient of the Dadasaheb Phalke award (1983) for lifetime contribution to Indian cinema. In her autobiography translated from Marathi by Shalini Pradhan she says

" I joined St. Xavier's College. There Miss Laad came to be a leading light, participating in all the extra-curricular activities in college, be they sports, social gatherings, debates or picnics. Miss Laad was a great attraction. I enjoyed all the adulation and the popularity. That year, I directed two plays, the Merchant of Venice and Backward Child, for college."

The stories of these men and women inspire young students to dream of the seemingly unachievable heights and fight to reach them in the spheres they are passionate about. The college has had a pivotal role in the development and learning process of students. Xavier's is a way of life because every student that has stepped into these classrooms begins to inculcate the values "Inclusion, Innovation and Integration."

Shaurya Singh SYBA,
Sruthi Venkateswaran, SYBA,
Toshita Sahni, FYBA

ALUMNI ENGAGEMENT AND CONTRIBUTION

The College looks forward to being in touch with our alumni. We do hope that all our alumni do well in life, personally, professionally and in terms of their social contribution. While we are profoundly gratified to see our alumni contribute to the country and world at large, we are also happy when they remember to give back to their *alma mater*. We are grateful to the many alumni who have helped us in the past and continue to do so in the present.

As an illustration of alumni-college engagement, this year Jigar Mehta, Managing Director of Onward Technologies, has come forward to help us with specific infrastructure developments. Jigar is the son of Harish and Shaila Mehta, who are also alumni of our college. Harish Mehta is the founding member and first Chairman of NASSCOM. Designers

and contractors sourced and paid for by Onward Technologies have helped restore and beautify various areas in the campus. This includes the landscaping of the second quad garden, the renovation of the Sociology Staff room and LR01, fitting ACs in some Office spaces and the redoing of LR02 (opposite the canteen) into a new AV Hall which will be renamed the S.H. Mehta Hall, in honour of Jigar's mother who passed away in 2014, Shaila Harish Mehta. More than being a CSR activity, this has been a labour of love and remembrance. Onward wishes to continue to offer modernisation and renovation projects to the College, and perhaps also sponsor opportunities to the brightest students in their chosen field of study.

We are sure that many more alumni will come forward in the months and

years to come, so that our College may continue to provide stellar conditions for wholesome educational formation, innovative research ventures and the cultivation of an entrepreneurship mentality. Even though we may not be blessed to have sufficient and sometimes even necessary funds to provide state of the art facilities to our students, we are blessed with something far more valuable: staff who are committed far beyond what duty requires, and alumni who are contributing to the development of the nation and the world in various leadership positions. Among them, we are also blessed with quite a few who want to give back to the college in some way or the other. May their tribe increase!

Fr. Keith D'Souza, S.J.
Rector

MADE OF XAVIER'S



LEST WE FORGET!



ST. XAVIER'S COLLEGE, MUMBAI

150

Est. 1869 | YEARS

Celebrating
150 years
of innovation,
integration
and inclusion



IN MEMORIAM

'Tis better to have loved and lost
Than never to have loved at all. - *In Memoriam*, Alfred, Lord Tennyson

Besides being a year of life and lively activities, this year has also seen many losses. We lost four of our bright and precious students. We are glad that they were part of us. They will always be an endearing part of our existence in Xavier's. This page is a small attempt to preserve the memories of our beloved students for ever. We are proud of each one of them.

AYAN DIXIT (SYBA)



Ayan Dixit's (SYBA) charisma in chiseling beauty into the most mundane tasks set him

apart as a student to reckon with. He struck a warm note of harmony with the faculty and his peers. His teachers recall him warmly for his ingenuity and his singularly calm presence. His batchmates remember him affectionately for his

enduring friendship. He was acknowledged incessantly for his creative potential. Ayan's artistic and unassuming erudition was a latent force waiting to illuminate the world.

RISHI JOSHUA THOMAS (BATCH OF 2015)



Rishi graduated as an English Literature student. He was one of those rare Literature

enthusiasts who devoured books copiously. It was not uncommon to see Rishi in the Library with a volume of Shakespeare or reading something that most people would regard complex. Imbued with a rare spirit of originality and the desire to

interrogate various propositions, Rishi was an artist whom the world would have recognized sooner or later. He was a thinker and a creative genius. One of his poems is reproduced here:

THE BONFIRE OF MEMORY

I visited my heart's cupboard last night.
It's a vast space, filled with the shingles of memory, broken toys of the past and many disused mementos.
Here and there lie shining articles: my ivory hopes, high-held and intricate, but kept in their corners;
Rich pictures of childhood dreams, which I no longer cared to look upon;
And those borrowings from deep sleep: my unconscious fantasies, bottled up in glowing orbs.

I used to come here often, busying myself with inventory,
Building up each shelf with the passion of a curator,
Touching and polishing each sculpture, dusting the artworks and even changing the drapery occasionally.
On some days, I'd line the toys up, playing with them, gleefully alone.
For this museum was once a playroom, almost a shared crib, full of smiling and laughter,
A place for the beginning of camaraderie.

I don't know when the reconversion happened,
But time moves so quickly and distances impose themselves,

And soon I found myself the singular proprietor,
The sole bearer to a key.
I niggarded it jealously,
Distrustful in long solitude,
For friendship had baffled me and love had done me in, many times over.

And now the place is as it is, a victim of my own neglect.
I come here now to build a bonfire, to rid myself the trash of this derelict,
For I've grown weary as a keeper of memory's palace.

The heap grows slowly, as I knowingly linger the task,
Wincing as I tear down shelves,
Slowly sweep the debris together,
Hesitating now and then, to spare a few precious keepsakes.

At last the pile is ready,
And I strike the match.

It's a roaring furnace, a hearth of energy,
Memory shall burn up, and give way to more life.

The fire, to my relief, burns quickly,
And though it exhales, crackles and gasps,
As those charred aspirations stiffen over,
And trauma releases a fearful smoke,
And though I am weeping, weeping,
I feel a lightening in my shoulders,
And an easiness returns to my body.

At last the great fire rears in upon itself,
Receding into ash, embers, fitful sparks and spot-fires.
I wander, dazed, upon the heap, wondering what now.

Something glitters in the ashes.
It is a glittering bright and resilient, caught by light of eyes.

Sifting the ashes, I exhume a gem that glints a deep rose,
The hue and blush of the Heart itself.
I marvel in my hands, the jewel of such gentle cut and beautiful intensity
That could withstand that furnace of death,
That razing off of memory.

I wonder at the mystery: could so much of Love survive?

-Rishi Joshua Thomas

BHISHMA MURTHY (BATCH 2010-2013)

Bhishma belonged to the first batch of autonomy. Armed with a great vocabulary and sense of humor, he could hold people in

splits. A maverick in the most positive way, he stood out in the crowd for his unconventional ideas and opinions. He was an

artist with a sensibility out of this world. Diverse reading and varied interests set him apart from most of his peers.

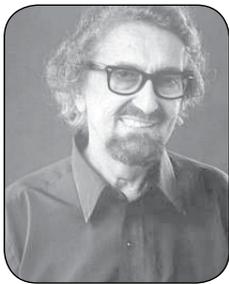
FAZAL

Fazal, an Arabic word means in English excellence, superiority, reward, grace. This is so appropriate for Fazal, an SYBSc Geology – Chemistry student is now with the Creator. It is said

that God calls lovely people to His Kingdom earlier which is true for Fazal also. He had always carried himself with grace and humility which added to his loving personality. The loss

which the family is finding so difficult to deal with is shared by all who knew him well including his friends and teachers. May God grant him eternal peace and happiness in Jannat.

ALYQUE PADAMSEE



So long as men can breathe, or eyes can see, So long lives this, and this gives life to thee.

William Shakespaere, *Sonnet 18*

As we wait at the threshold of our sesquicentennial celebration, St. Xavier's mourns the loss of the effervescent Alyque Padamsee one of our colossal alumnus. He changed the course of history in every institution he chose to enter. Lintas was never the same after he intervened. Urban theatre bears his Midas touch. He will remain unfazed and untampered in the repository of World Cinema.

Donning many hats such as being the 'brand father of advertising', theatre producer, actor, author, trainer Padamsee immortalized himself singularly in each role. Brands such as Surf, Liril, Cherry Blossom will remain memorable due to his fine etching of character. His Cherry blossom-Charlie

Chaplin, the Liril girl and Lalitaji from Surf are part of ad-lore now. His *Kamasutra* ad led to questions being raised on the floor of the Parliament. His role of the monocled-Muhammad Ali Jinnah in Richard Attenborough's magnum opus, *Gandhi* will remain an enduring memory in the history of cinema. Additionally, he is credited to celebrating the power of the musical in theatre with his staging of Tim Rice and Andrew Lloyd Webber's rock musical *Jesus Christ Superstar*. It was upon Padamsee's request that Girish Karnad translated his Kannada play *Tughlaq* into English.

Padamsee entered the portals of St. Xavier's in 1948 as a student. He was an ardent member of the Dramatics Club and the Debating Society. His histrionic skills were honed in the St. Xavier's College Hall where he won the 3rd prize in the Annual Dramatics competition in 1949 and the winner's trophy for his performance *In the Morgue* in 1950. It was in the Dramatics Club that he forged some lasting

relationships with stalwarts like Gerson da Cunha. He met his first wife Pearl in the Xavier's Green Room! While at Xavier's, in 1950, he was the leader for the proposition for a debate on why in his opinion the extra-curricular activities should play a major part in University training. He graduated from St. Xavier's in 1953. Later in 1968, he returned to direct Irwin Shaw's *Bury the Dead* for the Xavier's College Dramatics Club. Further, in the 1960s in his characteristic style of pushing the envelope, he staged an anti-religious play called *Marat/Sade* in the midst of stiff opposition.

Living the college motto 'provocans ad volandum', he soared great heights and provoked others to take leaps and risks. Always a pioneer, he set many trends which is not an unfamiliar streak in a true Xaverian (a term which was in vogue during his times in Xavier's). Later, he was on the Alumni Advisory Board of the College for about 10 years and contributed a great deal to the visioning for the College under

Autonomy, including. In one of the training sessions in June 2007 on *Presentation Skills*, which he conducted for the Faculty at St. Xavier's college he said, "Don't call it a lecture. That sounds boring. Think 'edutainment'! Use zingers! Your job as teachers, is to take the black and white words from a text and 'bring them to life' in your classrooms. You know you

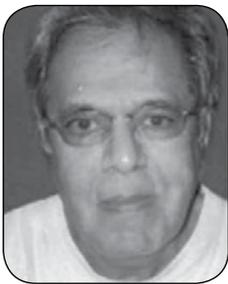
are effective when you have a 'lean forward' audience."

Padamsee's work of art will always inspire. His *Hands of Harmony* after the 1992-1993 riots in Mumbai was a human chain linked by hands starting from Colaba to Dahisar. Total strangers held hands to indicate that Mumbai was dominated by the spirit of people who wanted peace. Padamsee writes in his

book *A Double Life*, "When the sirens blew, everyone linked hands and read out a pledge that we had prepared, and then sang the National Anthem together." He received the Karmaveer Puraskar, November 26, 2007 for Lifelong Fight for Social Justice and Action.

St. Xavier's was privileged to have Alyque Padamsee as one of its alumni.

FR ALOYSIUS MURZELLO



I stand here on behalf of our novitiate batch for Luke, Gerard, Joe, Vincy and Raju, a group of Jesuits who Fr Aloysius considered as friends and vice versa. It all began thirty years back when we were novices and were sent to Ashadaan, Mother Theresa's Home for Destitutes in Byculla for our Hospital Experiment. We would begin work at 5 am and go on to 7 pm in the evening. We returned to the Jesuit community at St. Mary's Mazagaon, Fr Aloysius as we was affectionately known would be waiting to see that we got a hot meal and sit with us and listen to all our life changing experiences of the day, looking after the inmates at Ashadaan many of whom were in their last stages of their lives. It was an occasion to process all that we were going through and Fr. Aloysius was there for us. We did understand that the rest of the community was busy doing busy things. We were grateful for having someone to be with us novices through the tough times

of Ashadaan. That began a long journey of friendship between our batch and Fr Aloo. He was with Fr. Luke in Vinalaya, Fr. Gerard at St. Peters, Fr. Joe at Uplat and myself Fr. Roy at St. Xavier's College.

Fr Aloysius was a man of many talents, we all know that from cooking, baking, sowing, soaps and shampoo making, painting, music, to photography and film appreciation.

But what is not so well known was his firm adherence to the Jesuit vow of obedience many times over. At the age of 67 when most men would be sitting at home playing with their grandchildren, he said Yes to going to Uplat at Talasari to help out in the English Medium School that the the Jesuits had begun. It was a tough life and travelling to Mumbai for anything was a nightmare ten years back. But in his own inimitable style he taught English and taught the young tribal students many other skills.

After Uplat, Fr Aloysius came to Xavier's College in 2013, a very sick man. He could hardly walk properly and he was sent to be looked after by the

community. After his operation and the insertion of a shunt, he recovered remarkably and then began to help us in all our ministries. He would take PHV classes, offer his expertise in the film appreciation course at XIC and would always be available to celebrate Masses. Many a time, we would be tired at the end of a long day in college teaching and doing administrative work and if we approached Fr Aloysius to take our Mass the next day at St. Elizabeth's Hospital or Sophia College he would always say 'Yes'.

Every Wednesday he would prepare some bakery dish for the weekly community meeting and gathering. And the amount of energy and love that went into making that dish was something to behold. His attention of detail would ensure that all the right ingredients got in, no chaltahai attitude for him. It was always the magis. And in the things that he did prepare he made the best. I still today say that Fr Aloo's Irish Crème is better than the original.

Fr. Aloysius imbued the message from today's readings namely that change can come at any time

so experience life one day at a time and from the Gospel to be childlike, trusting in God, placing all your burdens onto the Lord because he can give us rest. But his own life leaves us three messages:

1. Sing in your own voice. Don't sing in a borrowed voice. Be who you are, be who God has made you to be. Accept yourself for who you are and then give off that best. He knew what he was good at and what he couldn't manage he did his best.
2. Always be ready to help... as mentioned already he was a big help to all of us when we wanted someone to take our Masses.
3. Keep doing what you enjoy doing. I had asked a couple who had been married for 56 years the

secret of their being together and this is what they told me. Keep doing what you enjoy doing. When they were courting they Love going for movies, love hiking and love eating out. 56 years later they still do all three.

And this is what Fr Aloysius also did. He kept up his cooking and his making cakes and his offering of the Eucharist whenever called to do so. In fact, just about two hours before God called him, Fr. Aloysius called me to his room to help him open a drawer that was stuck so that he could get out the mixer. Once I got it out, he began cutting the banana for the banana cake he was going to make that evening in honour of the Provincial's visit which was on in the College. That evening was the Mass, Memoriale and the celebration for which he

was baking a cake. An hour later when getting sugar from the kitchen he fell and was then rushed to the hospital. Which of us would not like to go with our boots on?

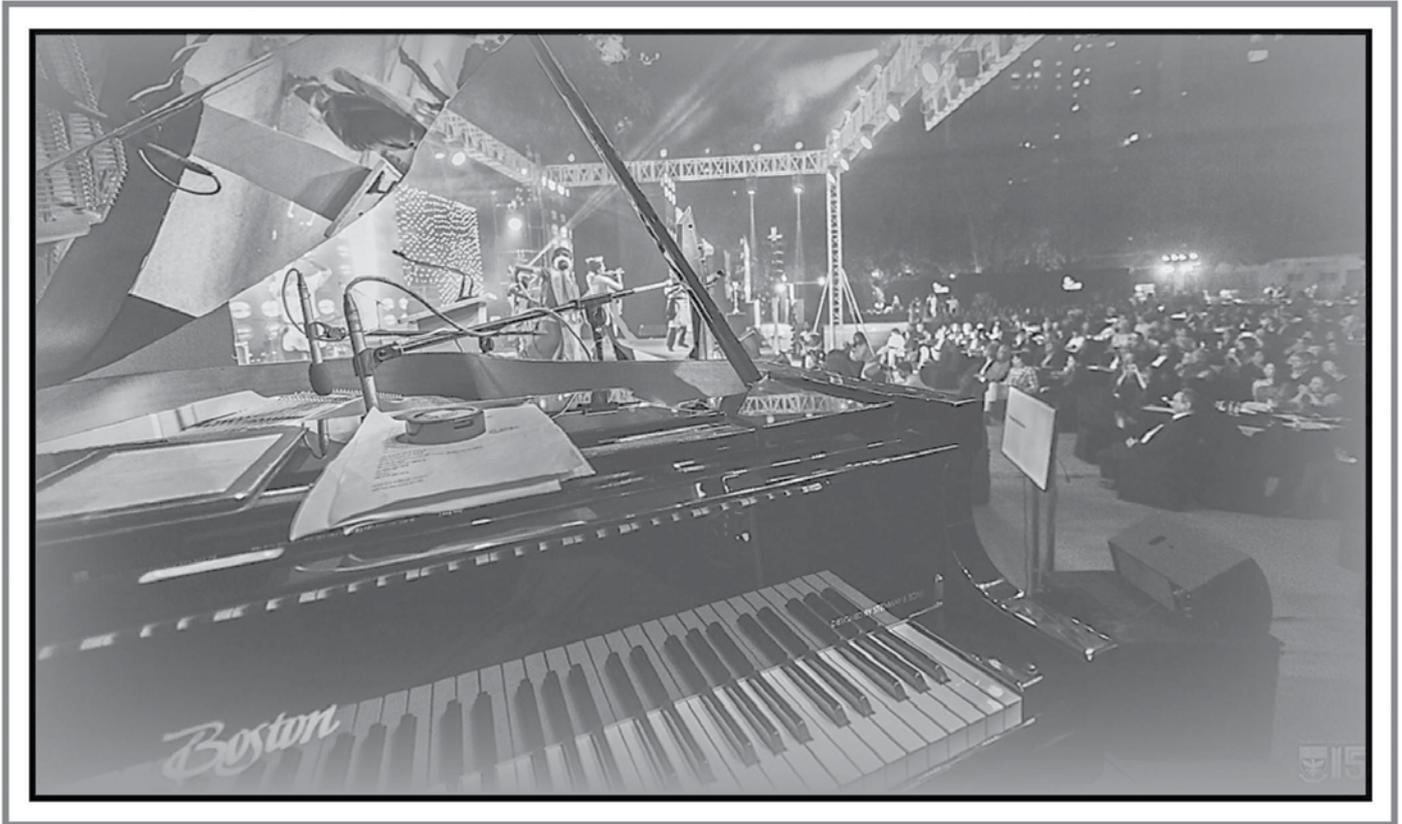
Fr. Murzello, to the sisters and teachers at St. Xavier's college; Fr. Alvi, to Nirmala, Priya, Kripa, Melita, Leslie and Michelle (he would wait for your Tuesday morning calls); Fr. Aloo to all of us Jesuits... Thank you for all you have been to us, you will continue to remain in our hearts!

As Fr. Luke mentioned, coming Sunday heaven is in for a REAL TREAT, dark chocolate and the best Irish Crème the angels have tasted.

Dr. (Fr.) Roy Pereira



MADE OF XAVIER'S



REFLECTIONS



ST. XAVIER'S COLLEGE, MUMBAI

150

Est. 1869 | YEARS

Celebrating
150 years
of innovation,
integration
and inclusion





Fr. Arturo Sosa, the General of the Society of Jesus with the Teaching Staff



Fr. General Arturo Sosa, SJ, General of the Society of Jesus at the XRCVC



His Eminence Oswald Gracias, Archbishop of Bombay at the Inaugural Mass



Jesuits at the Inaugural Mass



Press Conference for the Sesquicentennial celebrations



Swati Piramal, Anu Aga, Ashish Bhasin and Josy Paul at the Press Conference



Graduation Season



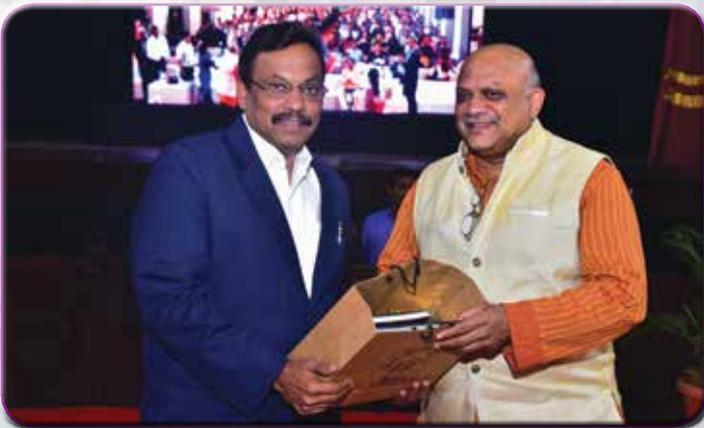
Ms. Usha Thorat, Former Deputy Governor of Reserve bank of India at the Arts Graduation



Prof. K. Subramaniam, Director of the Homi Bhabha Centre for Science Education at the Science Graduation



Prof. Uday Salunkhe, the Director of Welingkar Institute of Management Development and Research at the Masters and BMM/ BMS graduation



E-Cell - Shri Vinod Tawde, Honorable Minister of Higher and Technical Education with Rector Fr. Keith D'Souza



E-cell - Shri Vinod Tawde, Honorable Minister of Higher and Technical Education with Shri Raj K. Purohit, Honorable MLA, Maharashtra State



International Science Conference



International Conference - Political Science



Ms. Usha Thakkar speaking at the Gandhi Conference



Narayan Murthy and Sudha Murthy with Dr. Rajendra D. Shinde



Anu Aga and Montek Singh Ahluwalia at the Leadership Summit



Pavan Desai, Shinjini Kumar, Rohan Lawrence Menezes, Rajrishi Singhal



Raamdeo Agrawal, MK Sinha, Shilpa Kumar, Sonya Dutta Chaudhary, Utpal Sheth, Ramesh Damani



Soni George, Jacob Ninan, Rajeev Dubey, Vithal Kamat, Vasant Kini, Shaheen Mistry, Anu Aga, Pritesh



Hitesh Oberoi, Nikunj Dalmia



Fr. Roy Pereira, Nivedita Ravishankar, Ashish Bhasin, Kunal Jeswani



Jan Fest



Lingua



HCAP



Vice-Principal, Junior College Ms. Vaishali Mohoni with EUMIND students



Xavier's Alumni meet in Auckland, New Zealand in November 2018



Xavier's Alumni meet in New York in May 2018



Our Non-Teaching Staff

EXCERPTS FROM THE LOSS OF A MENTOR

(This is not the entire poem as the original runs several pages long. But a short excerpt from it)

We will meet again,
Someday,
It will probably be a winter evening,
You would be walking home alone for one last time and I'll bump into you in the streets
And I'll look at you and you'll look at me
A thousand memories whirling in my mind hoping you'd recognise me then
Will you remember me? Will you just walk away?
Or would you actually recognise me and stop to say a word or two?
If you do, know I'll walk you home
Tongue-tied, not knowing what to say
Yet, not wanting to go away
And I'll look at you from the corners of my eyes to see what you've become
How much will you have changed till we meet again?
We'd exchange short fragments, an awkward silence hanging in the air,
And just like that your home will arrive,
I'll stand at the gate till I can see you no more,
Thinking of all the things I wanted to tell you,
Thinking of all the things I observed
Thinking of all the things you said (and didn't)
And I'll walk back alone in a trance ...

Now having imaginary conversations with you in my heart,
I'll dream of you that night like every other
But the images tonight will be more vivid than ever
And then I'd wish I had the courage to stop you,
To tell you to wait a while more
So that I could speak of those thousand things that I have kept somewhere buried to tell you till when we meet
again ...

When we meet again, will you recognise me and stop to stay a word or two?
(Or would you just excuse yourself and walk away)

Where will we meet again? When would it be?
On a sunny day in the market at Crawford hunting for college stationary?
Or on a rainy day standing on the edge of a footpath trying to catch a taxi for home,
Holding your pastel shaded cotton saree an inch above the road?

Though our paths may be different now,
I'll always look out for you,
Your ways and habits so ingrained in me
No one could tell the difference, you see
I am but a reflection of you.

And a thousand things to tell you I'll collect
Achievements, knowledge, experiences and jokes to share
Living by your parables, walking those lanes
Until we meet again.

Amee Parikh
SYBA

LOST IT

Smiling faces
And rainbow eyes
All lost in the wilderness Of those merry lies.
"I'm doing great, I'm doing fine!"
How do you manage to say that instead of a whine?
We only exist
Among papers and files In a system that seeks Only labourers
Minus their smiles.

Like the grains of sand On a lonely beach
We greet our guests With a pebble for each
With a "How are you?" carved on it. Well,
they're not fine
Unless they've been spared
Only for losing something valuable In this process of survival.
Well, I lost it too and I'm glad. What did I lose, you ask?
In this insane world I lost my mind,
I lost it all,
It's the only thing that I'd rather lose again than ever try to find.

Siddhi Kamble
SYBA

RISE

Yet again the sun will rise Its rays will remind you
Of the beaming leper who looked at you
Smiled and waved at you with fingerless hands
As you hissed angrily over the phone.

Yet again the sun will rise Its shape will remind you
Of the malnourished baby's fingers That curled around your thumb
As you cursed yourself for missing the bus.

Yet again the sun will rise
Its brightness will remind you Of the twinkle in the eyes
Of the teenage mother on the street who sang a lullaby for her little one
As you worried about getting late to work.

Yet again the sun will rise And it'll remind you
That all those problems
that weighed a 1000 pounds yesterday Are long gone
Are long dead.
So when the sun rises again
Wave back at the leper with a smile Offer the malnourished a meal
And don't forget to carry a blanket from home
To wrap it around the sleeping mother and her child.
And then you wouldn't wait for the sun to rise
For you would have chosen to rise instead.

Siddhi Kamble
SYBA

ST. XAVIER'S COLLEGE - WHERE 3 "I'S"/ "EYES" ARE BETTER THAN 1

Xavier's proudly celebrates 150 years. Its vision according to our handbook- "An academic community dedicated to the holistic education of future leaders who will demonstrate innovation in their professional competencies, integration in their personal lives and inclusion in their social contribution." Our key values emerge from this vision: Innovation, Integration and Inclusion; the "I" Trinity as I would like to call it.

When I visualize this trinity, a certain image pops in my head- a creature with 2 eyes and an extra eye behind. Some of you could say it's an image of an alien or a physically deformed person. Either ways, it's a creature with special abilities.

I used to wonder as to why I think of this image as the symbol of the "I" Trinity, rather than 3 interlocking circles. After all, the latter made more sense; you could get the tangible message of the relationship between the "I"s; and so forth. But upon thinking of it as a theme for this article, I knew I had to share this image. The interpretation could go like this:

The creature's right eye, controlled by the left hemisphere of its brain, helps it with Innovation. It trains it in competence; provokes it to

think outside-the-box; stimulates its critical thinking; helps it understand the link between different subjects, and extending it to making certain discoveries that result from it, socially and environmentally beneficial.

The creature's left eye, controlled by the right hemisphere of the brain, helps it with Integration. It helps it cultivate the benefits of its creative side by facilitating the less used types of intelligence such as emotional, interpersonal, social and spiritual intelligence; fostering important values like confidence, motivation, vision, and upholding honesty, transparency and accountability; and encouraging teamwork through curricular and co/extra-curricular activities.

The creature's additional eye, which I believe, can be controlled by its heart, helps it with Inclusion, an often excluded "I". It helps it advocate it's emotional persona, by respecting other's dignity; appreciating the ever broadening diversity of culture; striving for the survival of features which make a society an "ideal society" like justice, harmony and solidarity; and caring for people with physical, emotional, creative or economic disadvantages, with the thought that it's their uniqueness and not their disabilities that make them who they are.

I hope for you to realize that the "I" Trinity and the image of the "creature" is not important in a physical sense, but it helps us to understand that 3 eyes are better than one. In a literal sense, we can't see properly with just one eye, and without eyes, we become blind; but with a third eye (which exists invisibly), we can see what's around us. In a philosophical sense, a Single I makes us "selfish beings" or egomaniacs; two I's put together makes us average human beings; but with three I's, we include our self; our talents and our willingness to extend a helping hand to others who are in need of it. In other words, we become not equanimous but magnanimous human beings.

The motto of Xavier's is 'Provocans Ad Volandum' ("Challenging to Fly"). From this motto, we always have to remember, that as a Xavierite, we need to push ourselves to unlock our full potential, grow beyond the measures of who we "can" be and most importantly to always choose "living" over "surviving".

References: St. Xavier's College (Autonomous) Handbook 2018-2019 (pp. 1)

Joanna Pinto
SYBA

MARKS- EK MAJBOORI-ISN'T THERE A CHOICE

It was a hot day, the April sun melted the ozone layer and delightfully slurped the enthusiasm out of people. Ritra was running late for her exam. She was yet to board the 9 am crowded local. The exam commenced at 11 am. I guess it was her sheer luck that she reached at 10 am. She had some time left to revise her history syllabus – the history of Mughal queens and kings. Quite interesting, wasn't it?

As she stepped inside the exam hall she saw those usual faces which looked more intense and more scornful before exams and this paper was the exam that advertised *zindagi ka sawaal hai* kind of attitude, always.

On her way she met her friend Viraj, anxiously turning over pages, trying to gulp every word, only to regurgitate them back in next few minutes. Viraj had recently topped in their batch and was a clever boy. But there were three kinds of *students* in an exam hall. First one - *top level competitors*. They learnt everything word by word without questioning and like devoted competitors sat next to each other, to find the other's strategy and tackle him in the next exam. This built their confidence. Second kind - *mediocrity-battling people*, where the students scored average in all the academic papers and felt inferior to Viraj. These people generally belonged to

the artist group of dancers, singers and dramatists or people from poor educational backgrounds. Third kind- *the mavericks on black and white sheets*. These were the ones who threatened the normal education set up, those who could never align themselves to the normal examination atmosphere. They were busy building their lives based on their personal perceptions and passions. These were the special kinds. They would gel with the first and the second kinds easily and sometimes help them carry out their lives in a boundless yet methodical manner. These people loved and hated Viraj for what he was as a person and not because of his good marks. They had a

good sense of life and were often losers in academic papers because either they were beyond the comprehension of the examiners or they did not know how to impress them; utterly failing at exams conducted in those caged class rooms.

Minutes later, Ritra walked ahead and met Fatima. Fatima belonged to the *second kind* of people. She was a dancer and was interested in Mughal history only because she dreamt of marrying a prince. But she was well prepared this time. This exam's result would determine her future as a Lawyer. She said she would pursue dance only if circumstances permitted her to. Passion was secondary, sometimes not even necessary. They were better as hobbies.

Ritra revised with Fatima. Ritra was calm and composed with slight nervousness clinging to her like a parasite. She had studied the era before and after Mughals also, in case questions came up, but more so because she loved the Medieval History of India. She had no career plans but she loved reading and learning the History of India. This endeavour usually called for great courage and self-belief.

Slowly, everyone fixed themselves on the seats allotted to them. Time was ticking and the invigilator glared through the gap between her eyebrows and spectacles, to remind the students of her authority. She distributed the answer sheets and walked across every seat to cross check the examinee and his identity card (Fatima had actually wished that her sister had attempted the paper on her behalf). Invigilator then handed over the question paper to each one of them. Some wishing she hadn't but she was a dedicated supervisor who treated everyone equally.

When the question paper was distributed there was an unexpected array of reactions when they read the first question. Some were delighted. Some were confused. Some suspected a bigger hand behind the question and some just skipped the question because of anxiety.

The question was - Are you dating? (20 marks).

The *first kind* were amazed to find such an easy question and as they had a predilection for the examiner's

likes and dislikes, they knew what was desired. They skilfully tackled such weird balls on the field. The examiner had desired a No. So they wrote a No and linked how dating and marriage could lead to too much of romance, like Shah Jahan you could lose your strength and your child could take advantage of it. Then they wrote that if you were dating someone who desired to be with you only for your wealth and timidity then you could be indecisive and castrated like Jahangir. But if you were focused on your ideology with least bit of softness then you could become a famous king like Aurangzeb who had almost defeated the Maratha. Only if you were balanced enough like Akbar could you marry someone and stay good. But even Akbar had to walk bare feet over miles to beget Jahangir. With such stuff and a lot more they ended the question, pleased and feeling intelligent. As if they had hit a six with their pens.

The *second, average kind* had no clue about the answer. They were like poets asked to play football. So they wrote Yes/No depending on the relationship status. Then they mentioned about love being eternal, love being in dance, singing, painting and drama and how all the Kings in history especially the Mughals were interested in various art forms. Some wrote that dating is when you see a date palm and feel crazy. Many copied the answers from the first kind of students, mentioning Aurangzeb and Akbar here and there, just to make the answer a sensible one, related to syllabus.

The *third kind, the maverick, living the seeker's life* wrote something like this-

"Dating? Is that a question to ask in a History paper? Wow. Firstly, that is something that is not constant and it can change its status over time. Today I am dating and tomorrow I won't. But History is what it is, even though the records have been different. So dating is factually a wrong question. Secondly, it is a personal opinion and one might mistake dating for love whereas another might mistake it for lust. So this question is inaccurate. Thirdly, just as dating someone can affect your life, so can the ideas of life. Ideas and passions of life are way more influencing to a human soul.

But since my future depends on your validation I have to answer this paper and now I write my answer.

Yes, I am dating but I will break up soon."

Few weeks later results were out and a guy belonging to the first kind of students scored pretty high whereas there were some who scored 1 or 2 marks less than the topper. They were distraught, almost as if their parents would ask them to leave the house. The average students scored poorly.

These *first kind of students* filed a case against the examiner and challenged the board that despite being an out of the syllabus question they had answered it meticulously and with proper intellectual constructions. So it was the mistake of the examiner to set such a paper and give such low marks. Among the *average* students, some committed suicides, some left the cities and some repeated the exams.

Among the *mavericks*, some were busy working at wildlife zones, assisting at social service centers, meeting scholars and real achievers, travelling the world and writing journals and forgot to collect their papers. Others were surprised with their marks but all had big smiles on their faces which seemed to say, "At least there is something I can officially look for in my life other than marks now." Some mavericks scored high and some not but they had no concern unless they were failed. Without a degree you would have no stance in the society. They knew some had won and some had lost this battle because this time again a bizarre result had been declared.

Ritra was promoted to the next class of endless drudgery. So she took a chance and set the mark sheet on fire. As the paper was discoloured and dropped into shreds, she passed a glance over the marks as it was slowly consumed by fire. She bitterly smirked, "Thanks for being the most deceptive piece of %^^ ever produced by humankind."

Note: This is my personal observation. Even though I find myself belonging to all the three categories at different times, it is scary how marks can deceive us.

Tuhina Roy,
SYBA

French Section Editors

Joanna Georgeson, TYBA

Juie Gune, SYBA

Freya Moses, SYBA

Les Mots Français

St. Xavier 150 ans

Le collège qui ouvre un réseau de possibilités, vous offre de nombreux choix et vous aide à comprendre votre capacité, le collège qui vous enseigne de se tenir droit avec fierté et d'affronter chaque obstacle de la vie : oui, c'est mon collège! Le collège Saint Xavier, comme on le dit ce n'est

pas simplement un collège, mais c'est une façon de vivre! Nous sommes au 150e anniversaire de cette magnifique institution. Il y a un besoin de beaucoup d'effort de s'assurer que l'institution fonctionne bien, et de garder le prestige et la renommée de cette institution. Je crois passionnément,

'Une fois un Xavierite, toujours un Xavierite' Joyeux cent cinquantième anniversaire à la grande structure patrimoniale et à cette institution scolaire

Miral Gada
FYBA

Les années à venir

Après 150 ans, c'est difficile de comprendre l'histoire d'un endroit. Âge n'est pas juste un numéro, c'est une expérience. Il y a une centaine d'histoires, les murs portent des secrets oubliés depuis longtemps. Les 150 années ont vu tout ce que l'humanité n'avait jamais pensé possible : les guerres, le développement du monde, le changement de dictature à la démocratie et aussi les diverses idéologies. Cette histoire est spectaculaire et effrayante en même temps. L'augmentation des pensées libres et la globalisation ont aidé le développement de la civilisation. Grâce à la liberté, l'humanité a vu les changements énormes dans la vie. Pour survivre, il faut apprendre la technique de

s'adapter.

Les êtres humains sont les créatures d'habitude et donc le changement est toujours pénible. Toutefois, 'adapter' a transformé notre monde et notre vie. Sans le pouvoir d'adapter, tout va périr. De plus, les contes et les histoires vont mourir. Adapter ne signifie pas seulement le progrès technologique mais il signifie la manière d'écrire l'histoire. L'histoire nous enseigne que si nous n'apprenons pas de nos erreurs, l'humanité va mourir. Enrichir le monde avec les idées variantes est très important. Nos actions reflètent nos intentions et il faut travailler pour le mieux du monde. Il y a un besoin de modifier les pensées, les manières et les comportements. Il y a un

besoin d'analyser et d'évaluer les émotions, de comprendre les vrais problèmes et de les pénétrer.

Le signe du progrès n'est pas la technologie, c'est comment nous traitons la terre et tous les êtres vivants ici-bas. Le monde change toujours, et il faut s'adapter au changement. Quand nous le faisons, nous pouvons construire un bel avenir. Si l'on apprend du passé, on peut avoir un endroit qui va durer pour toujours. Et on crée une histoire que même les murs de ce lycée n'oublieront pas, et ils la passeront à la prochaine génération. Ainsi on créera les prochaines 150 années.

Akanksha Bapat
SYBA

150 ans

150 ans? C'est un temps très long. L'histoire du lycée Saint Xavier est magnifique. Je me sens fier de marcher dans les couloirs de ce collège, où beaucoup de gens célèbres ont étudié. Saint Xavier offre une variété de cours

et beaucoup d'opportunités aux étudiants à exceller. Cette belle institution vous aide à découvrir vos talents cachés et à faire une empreinte dans la vie. Ce lycée a moulé des étudiants qui deviennent des meilleurs êtres humains,

depuis plus d'un siècle et je me considère chanceux d'être partie de cette famille.

Aparna Ramesh
FYBA

150 ans de Watson

Avez-vous entendu de l'effondrement récent d'un immeuble Watson (Esplanade) qui a 150 ans? L'hôtel Watson, aujourd'hui connu comme l'Esplanade, est le plus ancien bâtiment en fer de l'Inde. Il est situé dans le quartier Kala Ghoda à Mumbai. Le bâtiment tient son nom de son propriétaire original, John Watson. Le cadre de ce bâtiment fut fabriqué en Angleterre et construit entre 1860 et 1863.

L'hôtel Watson fut construit par l'ingénieur Rowland Mason Ordish, également associé au St. Pancras de Londres. Le cadre extérieur ressemble beaucoup aux autres bâtiments connus du 19^e siècle,

comme le Crystal Palace de Londres. Cet hôtel de John Watson était l'un des hôtels les plus connus de la ville à cette époque. En 1920, Watson cessa d'être un hôtel et fut renommé le manoir Mahendra. En 1944, il fut renommé l'Esplanade. En 1960, il fut converti en immeuble avec des logements et des bureaux. Après la mort de Watson, l'hôtel perdit sa popularité à cause de la montée de son rival, le Taj Hôtel. Dans les années 1960, l'hôtel ferma ses portes.

Plusieurs fois les conditions structurelles de tels bâtiments se dégradent mais tous les efforts des activistes du patrimoine pour persuader leurs propriétaires

actuels d'investir dans la restauration sont infructueux. Ce bâtiment est classé en tant qu'une structure héritage Grade II A.

De la même façon, comme les autres patrimoines, cette année notre collège Saint Xavier aussi a fini ses 150 ans. Ayant une longue histoire, ce collège se tient bon, avec la gloire de son architecture. Vous avez une idée, pourquoi? C'est grâce aux valeurs fortes et fermes sur lesquelles cette institution est fondée. Donc, chaque Xavierite est fier de faire partie de cet établissement.

Yashvi Furia
FYBA

Le chiffre 150

L'âge n'est plus qu'un chiffre. Plusieurs personnes pensent que l'âge est juste un numéro. Peut être, un signe dans la rue qui indique un certain nombre, la distance de votre voyage, l'axe temporel. Comme une trajectoire linéaire de la vie.

Alors, pourquoi on célèbre l'âge? Un anniversaire de naissance, celui d'un mariage, un siècle, l'année centième, milles années... Est-ce que on essaie de souligner un numéro simple ou de signifier son importance? Cela semble incomplet, n'est-ce pas? C'est parce que le chiffre : une unité mathématique manque un aspect vital; l'aspect humain. La vie humaine n'est pas stratégiquement

définie. Elle n'est pas statique, figée, ou parfaite. Elle est pleine de joie, d'espoir inébranlable et de chagrins. Elle est vibrante, belle ainsi que imparfaite. Il y a des changements, des événements qui sont uniques à chaque individu. Même la psychologie du développement établit des étapes de la vie tentatives, mais jamais normatives avec le temps fixé. Donc personne ne peut décider un trajet fixé qui conduirait la vie. Nos institutions publiques sont aussi intimement bondées avec notre discours social. Il y a un lien primordial entre les êtres humains et leurs institutions. En effet, célébrer une institution c'est une fête pour célébrer ses membres

qui lui donnent une identité et une personnalité. Sans les sentiments, les espoirs, les croyances, les identités individuelles et les histoires uniques de ses membres ; un bureau, un lycée, une école, ou même une université, ce n'est plus qu'un édifice creux.

Donc, nous ne commémorons pas les chiffres, les numéros, pas vraiment. Nous célébrons les êtres humains, leurs histoires et leurs vies. Les rides sur le visage ne sont pas une caractéristique physique, mais l'indice d'une histoire, d'un voyage. Comme cela, l'âge n'est pas un chiffre, c'est une histoire.

Reeti Rai
SYBA

150 ans de notre lycée

C'est le 150^{ième} anniversaire de notre collège et j'ai de la chance d'être ici pour cette occasion spéciale. Dans l'avenir, je serais fière que j'étais étudiante du collège Saint Xavier quand il a célébré un événement si important. Les préparations pour fêter cette occasion ont commencé avec beaucoup de grandeur. Après JanFest, les étudiants travaillent

dur pour Malhar, une fête très connue à Mumbai et très importante pour chaque Xavierite, parce que quand on demande à un Xavierite qu'est-ce qu'il aime à Saint Xavier ces mêmes mots se répètent: Malhar! Cette année, le thème est 'Malhar 2019- The Multiverse' Je l'attends avec impatience! J'espère que nous pouvons célébrer le patrimoine riche et vibrant de notre

collège avec succès!

#150YearsOfXavier's et
#150AnsDeXavier

Une fête spectaculaire !

Le Tableau Périodique, il fête aussi ses 150 ans cette année, quelle coincidence!

Aishwarya Iyengar
FYBA

Les Routes et la base

L'aile droite de la chapelle vous emmène au «lieu sûr». Himanshu l'avait découvert lors de sa première orientation du campus et de ses divers espaces déroutants. Il a toujours préféré de noter tout en chiffres il compatit toujours ses pas – de la terrasse vers la route qui mène à la laboratoire Caius puis à la salle audiovisuelle. Combien de pas a-t-il fait ? Les chiffres n'avaient pas de sens en eux-mêmes mais il y avait des associations. Pas de séquence, mais des connexions. Pas de logique, mais de l'imagination. Cette méthode est restée avec lui pour toujours. Il n'imaginait jamais

que cette méthode unique sauverait la vie de ses collègues. Eh bien, il a aussi un bon instinct.

Dix-huit ans plus tard, assis à l'arrière du fourgon de police avec deux de ses officiers gravement blessés, il se souvint de ce «lieu sûr». Immédiatement, il a pris son talkie-walkie et a parlé aux membres de son équipe et leur a ordonné de prendre l'allée supérieure, de traverser silencieusement deux couloirs, de grimper à la fenêtre de la plus petite salle et d'observer les terroristes de la petite galerie. Son équipe obéit et finit par

attraper trois hommes du parti des terroristes. Quand il a reçu cette nouvelle, l'inspecteur Himanshu Roy, il a souri en pensant: La route préférée il y a 18 ans vers l'endroit sûr, quand il était élève de ce collègue.

[C'est un récit fictif de l'attaque du 26/11 à Mumbai. En même temps, cette pièce est aussi dédiée à feu l'inspecteur Himanshu Roy, ancien élève du collège Saint-Xavier.]

Siddhita Sonawane
TYBA

150 Ans de Triomphe.

Il y a quelques choses dans la vie que nous attendons. Elles nous inspirent à être plus que nous sommes, nous aident à explorer des talents cachés et à les maîtriser. Un tel endroit qui m'inspire est mon collègue "Saint Xavier". Une maison qui m'a fait

explorer mon potentiel interne, reconnaître mes puissances, comprendre les raisons de mon échec et profiter des récompenses pour le succès. C'est la 150^e année de cette institution. Comme une mère qui soulage, façonne notre vie, nous encourage à faire mieux

et à voler plus haut. 'Qu'est-ce qui est différent ici?' Beaucoup, on dit. Eh bien, il faut étudier ici pour éprouver l'aura sublime dans ces couloirs et le sentiment de fierté qui remplit nos cœurs.

Samantha Ferreira
FYBA

Anecdote

George était l'enfant favori de sa famille. Son père lui a appris beaucoup de leçons pour vivre la vie parfaite. C'est une de ces leçons.

Un jour, George et son père se promenaient dans un parc. En marchant, son père lui a dit qu'il ne devrait faire confiance à

personne. Puis, il a dit à George avec emphase, «Ne fais confiance à personne. Quand ils sont arrivés au parc, George est monté sur le toboggan. Son père lui a dit de sauter du toboggan. Saute fils! Je vais t'attraper. Au début, George était réticent. Mais finalement il a décidé de sauter, 1...2...3! Thump!

George est tombé sur la terre. Son père s'est reculé. Regardant son enfant sur la terre il a dit à George, «Je t'ai dit mon fils, ne fais confiance à personne, pas même à moi!»

Zaneta Ferreira
FYBA

Une révélation

Il y a "150" ans, on a créé une merveille qui s'appelle "St Xavier Collège" mais comme "Rome ne s'est pas fait en un seul jour," en même façon, pour créer une merveille, on doit mettre beaucoup de temps et d'effort. Quand ce collège était construit, c'était simplement un immeuble triste et presque personne ne le visitait. Il y avait une atmosphère calme et il ne m'a pas accueilli du tout.

Aujourd'hui, j'ai mis les pieds dans

ce collègue et QUELLE DIFFÉRENCE! Je ne pouvais pas croire que c'était le même endroit que j'ai visité autrefois. Milliers d'étudiants m'ont accueilli dans cet immeuble magnifique qui se ressemble un palais ancien. En entrant dans ce collège, les couleurs vivantes et les sens divers m'embrassaient. J'ai réalisé que ce collègue est un monde de gastronomie dans ses quatre murs. Maintenant, il offre des milliers d'activités et de sports

à ses étudiants. On l'a déclaré le meilleur collègue à Mumbai. C'est vrai! Je ne pouvais pas imaginer que ce vieil immeuble a transformé à un collègue prestigieux plein de culture et de tradition. Revenir ici, c'était une expérience formidable et il m'a appris que tout change avec le temps. Quel changement!!! C'est vraiment UNE RÉVÉLATION!!!!

Ariana Dhond
FYBA

Les 150 jours d'amour

C'est une histoire très ancienne. Il y a longtemps, dans un pays lointain qui s'appelle 'Domme' il y avait une fille très belle et jolie qui s'est appelée Princesse Émilie. Elle était la seule fille du roi de ce pays. Elle était très gentille et courageuse comme son père.

Elle aimait bien le sport du tir à l'arc. Mais normalement ce sont les garçons qui pratiquent ce sport. Elle voudrait apprendre ce sport comme un loisir. Elle a supplié à son père de la permettre d'apprendre ce sport. Donc le roi a demandé à un garçon qui habitait dans un petit village dans ce pays d'enseigner ce sport à sa fille. Il s'est appelé Daniel. Il était très courageux et le meilleur à ce sport. Il était très beau, grand, avec les cheveux blonds et des yeux bruns. Daniel a accepté l'ordre du roi. Quand il a rencontré la princesse Émilie pour la première fois il avait un coup de foudre. Il a commencé de lui enseigner le tir à l'arc. La princesse l'aimait bien. Elle s'est bien amusée avec lui. Daniel était amoureux de la princesse mais il avait peur de le dire parce qu'elle était une princesse et il était

très pauvre. Émilie aussi l'aimait parce qu'il était très beau et il avait une personnalité très dynamique. Finalement un jour Daniel a décidé de lui avouer ses sentiments. Il a avoué son amour pour la princesse et il lui demande de se marier. Princesse Émilie était très heureuse mais elle voudrait vérifier son amour. Donc, elle lui a dit qu'il doit rester devant sa fenêtre pour 150 jours sans cesse. Il voudrait l'accepter mais il a hésité de crainte de ses parents. Ses parents étaient très vieux. Mais il était aveugle en amour. Il a accepté cette condition de la princesse. Daniel a oublié toutes les autres choses et il restait devant la fenêtre de la princesse. Avec beaucoup de patience il y attendait pendant tous les 150 jours. Princesse Émilie était très impressionnée. Donc la princesse a dit à son père qu'elle aime Daniel et elle voudrait l'épouser. Le roi était très fâché parce que Daniel était très pauvre et il voulait chercher un garçon riche ou un prince pour sa fille. Mais la princesse a pleuré beaucoup et Daniel a supplié au roi. Donc finalement le roi a approuvé le

mariage pour le bonheur de sa fille. Enfin, après beaucoup d'efforts Daniel et la princesse se sont mariés.

Après le mariage, les deux sont partis du château avec la bénédiction du roi. Ils étaient très heureux. Le garçon était très content de rentrer chez lui après longtemps et il était très excité à rencontrer ses parents. Mais quand il est rentré chez lui il y avait un bouleversement. Ses parents étaient morts à cause d'un incendie chez lui. Il n'y avait personne à les sauver. Il était choqué. Il pensait s'il était là, il pourrait les sauver. Mais maintenant c'était fini. Pour les 150 jours d'amour il avait oublié ses parents, leur amour. Il souffrait. Ils lui manquent.

L'amour de cette princesse était de 150 jours mais l'amour de ses parents était de 25 ans. Il a perdu les choses les plus importantes pour les choses qu'il voudrait désespérément, n'est-ce pas ?

Flavia Gonsalves
FYBA

Du patrimoine éducatif et d'excellence:

Le creuset des cultures - une source de perceptions diverses - le collège Saint Xavier vous accueille dans son monde enchanteur. Cette année 2019 marque le 150^e anniversaire de cette merveille d'architecture gothique. En luttant contre les problèmes divers et en face des changements, il s'est énormément transformé en l'un des meilleurs centres éducatifs du monde. Il a constamment pris les grandes étapes pour devenir le meilleur.

Ses bibliothèques colossales sont paradisiaques pour les bibliophiles. Son campus immense embrasse

tout le monde qui vient ici, toujours vivant et encombré de ses étudiants. On ne peut pas parler de Saint Xavier sans mentionner ses professeurs qui sont chaleureux, efficaces et sympathiques. C'est le lieu d'étude des personnalités innombrables qui sont renommées partout dans le monde, comme Anu Aga, Rajdeep Sardesai, Shabana Azmi et beaucoup d'autres - les personnes qui ont osé de rêver.

Ce collège est comme un trésor d'opportunités et aujourd'hui c'est une institution sans comparaison. Pour moi, mon voyage ici ne dure que deux ans mais rien n'égalera

jamais au plaisir d'être ici, parce qu'après être charmé par ce collège, il n'y a pas de moyen de retour. Un lieu magique qui vous donne des ailes, pour voler dans le ciel plein de victoire. Ce n'est pas juste un collège mais une façon de vivre qui est destinée à vous ensorceler et donc une fois un Xavierite, toujours un Xavierite. Donnez - lui le tout votre cœur, et il vous donnera vos meilleurs souvenirs avec toute sa grandeur.

Malvika Pillai
FYBA.

Lingua en français- Une expérience unique

Si vous aviez l'opportunité de déménager à Paris et de poursuivre vos rêves de vous inscrire à un cours de cuisson dans une université bien connue, qu'est-ce que vous feriez? Prendriez-vous ce pas vers l'avenir incertain avec confiance ou est-ce que vous vous enfuiriez?

C'était le dilemme d'Emma, la protagoniste de la pièce, 'Le Choix', rédigée, réalisée et présentée par les étudiants de la première année de la littérature française! L'histoire de confiance de cette femme formidable nous aussi a inspiré, nous : les performeurs de jouer avec l'esprit de persévérance, les rôles dans une pièce de théâtre française, pour la première fois! Les répétitions étaient la meilleure partie parce qu'elles étaient très amusantes. Nous avons fait de nouveaux amis. Nos réalisateurs, Simran, Vanessa et Juie, nous ont guidés avec tout - la musique, la



danse, etc. Nous avons commencé à pratiquer comme des étrangers, mais à la fin, nous étions devenus une famille. Nous avons ri, nous

avons pleuré, nous avons chanté et dansé aussi - tout ensemble. Il y avait beaucoup d'obstacles, surtout la possibilité d'annulation de toute la pièce, mais on les a surmontés !

Enfin, nous avons présenté cette pièce et c'était une soirée incroyable. Malgré toutes les difficultés que nous avons rencontrées, nous avons réussi. Et c'était la plus belle récompense. Globalement, c'était une expérience comme jamais - une expérience très enrichissante ! Ce serait impossible de raconter cette histoire de succès sans remercier notre chère professeure, Mme Alpana pour les efforts qu'elle a pris afin de nous encourager et de nous motiver.

Des fois, ça vaut la peine de prendre un acte de foi !

Trevin D'souza & Deborah Thomas
SYBA

Une fois quand ma grand-mère m'a cuit un gâteau

Un matin, quand j'avais environ 5 ans, ma grand-mère s'est réveillée et m'a dit qu'elle a rêvé d'avoir 150 ans. C'était son 150e anniversaire, elle portait sa robe rose, et elle avait de cheveux noirs et de toutes nouvelles dents (les superpuissances aussi, peut-être, mais elle n'était pas sûre)!

Elle nous a dit qu'elle voudrait bien avoir 150 ans: elle pourrait voir le monde en évolution, et conduire une auto volante aussi, peut-être!

"Il ne serait pas ennuyeux à vivre jusqu'à 150 ans?" Maman a posé une question.

"Quoi, avec les nouvelles dents? Sûrement pas."

"J'aimerais avoir les nouvelles dents!", j'ai remarqué. "Tu penses que Papy voudrait vivre jusqu'à 150 ans?", j'ai demandé à Maman.

Mamy a souri, "Pas du tout, chérie. Ton Papy n'en était pas pour ce type

de vie."

"Pourquoi pas?", je lui ai demandé.

"Car les époques changeraient, mais il ne changerait jamais. C'est bon qu'il est décédé en son propre temps."

"Qu'est-ce que tu veux dire, Mamy?!"

"Ben, pense comme ça: quand j'aurai 150 ans, tout le monde, portera les vêtements futuristes, en métal et verre; mais ton Papy se collerait toujours à sa cravate et sa veste, et ses chaussures en

cuir bruns."

Cette idée était incroyable pour moi.

"Aussi," elle a continué, "Toute la cuisine serait préparée par les robots, mais ton grand-père se plaindrait et me demanderait à cuisiner. Donc, toi et moi, nous

cuisinerions et gâcherions nos vêtements futuristes."

Cette idée était encore plus incroyable pour moi.

"Et," Mamy racontait un troisième exemple. "Il y aurait beaucoup d'autos volantes partout, mais Papy conduirait encore sa Fiat Ambassador dans la rue, et énerverait tous les piétons. J'ai adoré ton Papy beaucoup, chérie, mais il ne voudrait jamais avoir 150 ans. Quelque gens ne peuvent pas, tout simplement, et il ne faut pas aussi."

"D'accord, d'accord, mais il me manquera beaucoup."

"Moi aussi."

"Tu préparerais les gâteaux pour moi quand tu auras 150 ans?"

"Oui, bien sûr! La technologie sera si avancée qu'on ne devra plus utiliser le four!"

“Ah non! Mais le four sent si bon quand il y a un gâteau dedans! Il me manquera.”

“Ben, on peut faire un gâteau

maintenant, si tu veux.”

“Ah, oui, oui! Avec 150 bougies, s’il te plaît?”

“150 bougies seulement pour 150

ans.”

“Ok, Mamy. Allons!”

Farishta Anjirbag
FYBA

150 Roupies et la Lettre

Dimanche: Salut ! Mon journal intime! Aujourd’hui, c’était une journée très longue. Mon école avait organisé une cérémonie de remise de prix pour tous les étudiants qui avaient accompli les choses exceptionnelles pendant l’année dernière. J’avais beaucoup d’enthousiasme parce que ma prof m’avait dit que j’allais gagner une récompense ‘L’étudiant de l’année’. Finalement, quand j’ai fini ma dernière année de l’école, j’allais gagner quelque chose formidable!

Mes parents m’avaient accompagné et ils s’étaient habillés avec les meilleurs vêtements. Mais, je n’ai pas gagné ‘L’étudiant de l’année’. C’était une autre fille qui l’a gagné. Après la cérémonie, j’ai rencontré la prof qui m’avait dit que j’allais gagner. C’était un peu bizarre le fait qu’elle m’a dit que j’étais le gagnant...elle a dit que c’était une erreur de sa part! Elle m’a présenté ses excuses. J’étais déçu. Mes parents ont essayé de parler avec moi mais je restais silencieux. Je m’étais fâché.

Lundi: Bonjour! Je viens de me réveiller et je viens de trouver une enveloppe près de mon oreiller. C’était une lettre adressée à moi de mon papa. L’aube, il est parti pour les États-Unis. Il m’avait laissé 150 roupies comme le prix que je n’avais pas gagné hier. Il a écrit que je ne suis pas seulement un étudiant très exceptionnel mais je suis aussi une personne très gentille. À la fin, il a écrit que je suis un bon fils et ils m’aiment. Hier, le prix que je n’ai pas gagné était 100 roupies et un certificat. Au lieu de cela, j’ai gagné 150 roupies avec une lettre de papa (et beaucoup d’amour)! C’est comme mon premier salaire! Ah comment je suis content! Maman est heureuse de me voir en état joyeux. Demain, je vais commencer

ma vie dans un collège. Je vais porter toujours cette enveloppe avec moi. Elle m’apportera le Bonheur. Je ne dépenserai jamais ces 150 roupies.

Mercredi: Aujourd’hui, c’était fun! Le premier jour du collège était impeccable. J’ai rencontré beaucoup de nouveaux amis dans ma classe et on a rencontré les étudiants aînés aussi. Un des étudiants - Varun- m’a dit qu’il faut qu’on garde son portable et sa monnaie parce qu’il y avait déjà beaucoup de cas de vols. La seule chose précieuse que j’avais c’est ce que papa m’a donné hier. Mais cela se passera rarement que quelqu’un ouvre l’enveloppe qui se trouve dans le livre de français dans mon sac pour voler les 150 roupies sans être remarqué Non, cela ne se passera jamais.

Jeudi: Aujourd’hui c’était un jour terrible! J’ai perdu l’enveloppe! Quelle horreur! Je pleurais. Ah! Comment cela s’est-il passé? Aucune idée! Pendant la pause, j’avais laissé mon sac dans la classe avec Hemant pour aller manger quelque chose à la cantine. Quand je suis rentré, Hemant m’a dit que Rohan avait le cours de français et il avait oublié son livre chez lui. C’était urgent pour lui et donc, il a pris MON livre de français!

J’ai couru vers la salle de classe de Rohan. La prof n’était pas encore arrivée. J’ai pris mon livre des mains de Rohan et j’ai commencé de jeter un coup d’œil sur toutes les pages. L’enveloppe n’était pas là! Je n’ai pas compris qu’est-ce qui s’est passé. J’ai paniqué. Je lui ai dit qu’il y avait 150 roupies dans le sac...- Pourquoi tu as pris mon livre sans me demander? Où est la monnaie? Je n’ai pas mentionné la lettre parce que celle-ci est

très personnelle. Il n’y avait pas de monnaie dans le livre. Il m’a répondu. Mais... - Qu’est-ce qui s’est passé?, m’a demandé la prof. -Rien, madame. Désolé. Quand je rentrais dans ma salle de classe, je pleurais. J’ai rencontré Varun après les cours. Il m’avait vu quand je pleurais. Quand il m’a demandé, j’ai seulement dit que j’ai perdu 150 roupies que mon papa m’avait données. -Peut-être l’enveloppe est tombée quand Rohan a tiré mon livre...ou quelqu’un a peut-être volé mon argent quand je n’étais pas là. - Je peux t’aider. Varun a dit. Mais je veux 50 pourcent de la monnaie quand tu la retrouveras...

Trop c’est trop. Sans une parole, j’ai couru chez moi. Je ne comprends pas quoi faire! J’ai perdu mon porte-bonheur! Je n’ai pas parlé avec maman. C’était ma faute. Pourquoi je l’ai apporté au collège? Je pourrais le garder chez moi, dans mon placard...

Vendredi: J’ai eu un cauchemar dans lequel papa était en colère à cause de mon comportement négligent et il ne me restait que le malheur. Hier c’était une catastrophe à mon avis. Maman avait observé mon comportement bizarre et enfin, elle m’a demandé prudemment qu’est-ce qui s’est passé hier. J’ai commencé à pleurer. J’ai avoué. - J’étais si imprudent de laisser mon sac dans la salle de classe. J’ai perdu mon Bonheur précieux. -Tu l’as cherché dans le sac?, elle m’a demandé.

Ah ben oui! Je n’ai vu que dans mon livre de français. J’ai apporté mon sac et j’ai enlevé tous mes livres de mon sac...et VOILÀ! L’enveloppe était toujours là, entre deux livres! Comment j’étais bête! Je ne l’ai pas cherchée dans le sac. Je ne l’avais pas perdue et personne ne

l'avait pas volée. Mais comment l'enveloppe s'est placée entre deux livres. Je me bien souviens que je l'ai mise dans le livre de français... Mais, je suis heureux mais je ne porterai jamais avec moi cette enveloppe. C'est mon premier salaire et je le garderai chez moi dans le casier dans l'armoire. Maman a appelé papa surtout pour parler à propos de ma bêtise! On a rigolé beaucoup.

Samedi : Rien de spécial aujourd'hui sauf que le mystère ne s'est résolu. J'ai rencontré Rohan et il m'a dit qu'il a placé l'enveloppe entre les deux livres sans l'ouvrir. – Hier je ne pouvais pas te dire parce que la prof est venue, il m'a dit. Ouais, bien sûr...il était en train de me dire quelque chose mais je paniquais... J'ai dit 'Désolé' à Rohan parce que j'étais fou. J'ai dit les choses qui n'étaient pas nécessaires. – Ça va,

mon ami. Ce n'est pas grave! Il m'a dit.

J'ai appris beaucoup de choses importantes avant hier que je n'oublierai jamais. Il faut qu'on ne tire pas les conclusions sans penser. Et il faut agir calmement. Non?

Freya Moses K.
(SYBA)

C'est la vie

Il était une fois, nous étions actifs...

Maintenant, on adore être passif...

Être content de soi, nous sommes très ravis....

Oui, c'est la vie!

Notre jour commence avec le portable...

Pour nous, taper et parler, ce sont semblables...

Mais pour nous, être paresseux est grave comme une maladie...

Oui, c'est la vie!

L'air pollué, c'est tout ce que l'homme inhale...

Dépenser l'argent pour la technologie, ce n'est pas mal...

Mais quand on lui propose d'améliorer sa santé, c'est toujours impoli...

Oui, C'est la vie!

Nous sommes devenus imprévisibles...

Grâce à nos actions, la nature deviendra invisible...

Mais pour nous, la protection de la nature, ce n'est qu'une comédie...

Oui, c'est la vie!

On aime s'habiller bien à la folie...

Si tu es riche, tu es très jolie...

Donc ton statut va déterminer ta beauté et évidemment notre avis...

Oui, c'est la vie !

C'est à la mode de mentir de sa santé mentale...

Et pour les victimes réelles, cette tendance serait fatale...

Mais pour devenir célèbre, cette idéologie nous a servi...

Oui, c'est la vie!

C'est comme un défi de vivre avec les attentes des parents...

Avec la famille et ses connaissances, le temps n'est jamais marrant...

Mais, bien sûr, tu peux parler avec les étrangers sans souci...

Oui, c'est la vie!

Tout le monde a la tête dans les nuages...

Pour les changements nécessaires, l'humanité manque du courage...

Notre vie est devenue une parodie...

Est-ce que c'est VRAIMENT la vie?

Pratham Barot
FYBA

150 ans. C'est quoi?

Il y a beaucoup de choses qui se passent pendant 150 ans.

On naît, on meurt, on aime, on déteste, on pense, on parle, on vient, on sort.

Ce que je pense, c'est que ces 150 ans,

C'est l'amour, l'éducation, l'honneur, la positivité, l'unité, le bonheur,

C'est tout le monde qui a donné des valeurs, des cultures, des sentiments différents, des idées uniques, la signification.

Notre collègue Saint Xavier, c'est un mode de la vie, et ces 150 ans, ce sont un mélange des qualités qu'on a utilisé pour développer ce mode de la vie.

C'est la seule responsabilité des étudiants de ce lycée, de continuer cet héritage pour l'avenir.

Je voudrais le faire et vous?

Kimberly Rodrigues

SYBA

Le Monde

Quand je t'ai vu pour la première fois,

J'ai compris ce que signifie tomber amoureux.

Quand je t'ai respiré pour la première fois,

Je savais à quoi se ressemblent les rêves qui se réalisent.

Ça fait des années maintenant,

Je suis devenu meilleur avec toi

Maintenant qu'il est temps de dire au revoir,

J'ai peur de quitter le monde où tout tourne autour de toi.

Mais tu continueras à faire tomber quelqu'un d'autre amoureux de toi,

Comme tu as fait pendant toutes ces 150 années.

Fatima Pinto

TYBA

La Fleur Grise

Je ne peux pas voir les fleurs

Par la fenêtre de mon train.

J'essuie l'eau

Je m'appuie contre le verre

Mais tout est gris.

L'eau dans les flaques

Les nuages dans le ciel

Le sang dans mon cœur

Ni noir ni blanc

C'est seulement gris.

Nous passons devant les forêts

Nous glissons sur les rivières

Mais il n'y a pas de couleurs

Dans ce monde laid

Baigné dans une mer de gris.

Tout est bruyant

Tout est silencieux

Xavier Menezes

SYBA

Pourquoi suis-je ici?

Je vis et je meurs

À chaque instant.

Sans sentiments

Sans regrets

Sans surprise

Seulement en espérant

Que je peux voir une fleur.

Les Murs de la Chapelle



La chapelle dans mon lycée
n'est pas une place ordinaire
C'est un endroit entouré d'un air sublime,
rempli de tranquillité..
Le seul lieu où je pratique mes chansons -
Des chansons pour les concours, des chants de Noël et des cantiques pour la messe.
Mais, la chanson qui a la plus résonnée était notre hymne universitaire.

Autrefois, les murs de la chapelle chantent comme une casserole. Ils résonnaient de fausses notes et de mauvaises notes.

Néanmoins, maintenant les murs font écho aux éclats de rire, aux ricane ries, aux larmes et aux avertissements en même temps.

Aujourd'hui, les murs ne me chantent pas –ni dans les falsettos, ni dans le discorde, ni dans le chant faux, mais dans des harmonies qu'ils ont perfectionnées à partir de nos pratiques.

Dans des voix parfaites maîtrisées par la pratique.

Les murs me chantent des chansons que je n'ai jamais entendues, des chansons qui sont nouvelles pour moi et pourtant ont cent cinquante ans. Ce sont les chansons des anciens élèves. Entrer dans la chapelle est comme se promener dans un orchestre.

Nos pas en cadence sur un chemin paisible.

Qui savait que les murs pouvaient chanter ?

On m'a toujours dit que les murs avaient des oreilles.

Il y a un trésor caché dans les murs, non seulement de chapelle, mais dans chaque coin du collège, (un trésor qu'on ne peut voler)

Le coffre au trésor inclus des bijoux variés comme les rubis et les perles juste comme les notes, les tons et le rythme ornent les murs de la chapelle, les bijoux embellissent les élèves.

Le trésor est aussi comme le bric à brac de la mariée, un trésor à emporter par ses élèves, les souvenirs précieux, un trésor pour la vie.

Jenis Rumao
SYBA

C'est un moyen de vivre!

Il reste gris et magnifique

Comme un témoin de 150 années qui ont passé

Comme un capitaine fort et fiable,

Il a dirigé des étudiants innombrables, dans l'orage de la vie

C'est la place pour toutes vos vocations

Peut-être c'est la romance des langues que vous adorez, ou la complexité des nombres que vous simplifiez

Peut-être c'est la musique ou le théâtre,

Peut-être toutes les choses!

Ou peut-être vous voulez explorer encore

Les professeurs qui sont par excellence,

Chacun avec ses propres expériences uniques,

Nous dirigent, nous conseillent et nous encouragent,

Ils nous disent que pour chacun de nos difficultés,

Il y a un arc du ciel à la fin du chemin difficile,

Ressuscité de la persévérance et le labeur.

Chaque jour, nous marchons sur les chemins battus par ceux
qui nous ont précédés

Les chemins de succès, les chemins de visionnaires

Ils se sont assis où nous nous asseyons aujourd'hui

Leurs prières résonnaient dans la chapelle où nous trouvons
l'espoir aujourd'hui

C'est inspirant, n'est-ce pas?

Enfin, ce collège, qui est un univers dans un monde,

Qui nous donne 'des racines et des ailes',

C'est un trajet de découverte de tout ce qui importe pour nous,

Je peux dire que ce n'est pas seulement un collège...c'est un
moyen de vivre!

Annette John

SYBA

Où Les Rêves Vivent!



Le cœur plein d'espoir,

Je suis en route;

En s'avançant vers un monde inconnu,
Si beau, si charmant.

C'est là que tout change;
Bonjour mon ami, enchanté.

Une foi pour chaque histoire
Je crois tout ce que tu révèles,
Tes souvenirs m'accompagneront,
Tous les jours de ma vie.

Comme la danse de la lune,
Chaque moment, un nouveau conte,
Entre les feuilles allumées par une bougie
Nous avons trouvé un univers étrange.

Là, nous sommes les vieilles âmes,
Juste comme les mémoires,
En noir et en blanc
Avec les ombres qui t'appartiennent.

En dépit des temps éphémères,
La nostalgie sera éternelle.
Avec une chaleur qui soulage,
Le gris n'est plus sombre.

La mer d'étoiles nous éblouie,
Répandant une lueur intemporelle.
Et le bleu du ciel chuchote,
Avec une voix éthérée,
'Volez ma chérie, volez.'

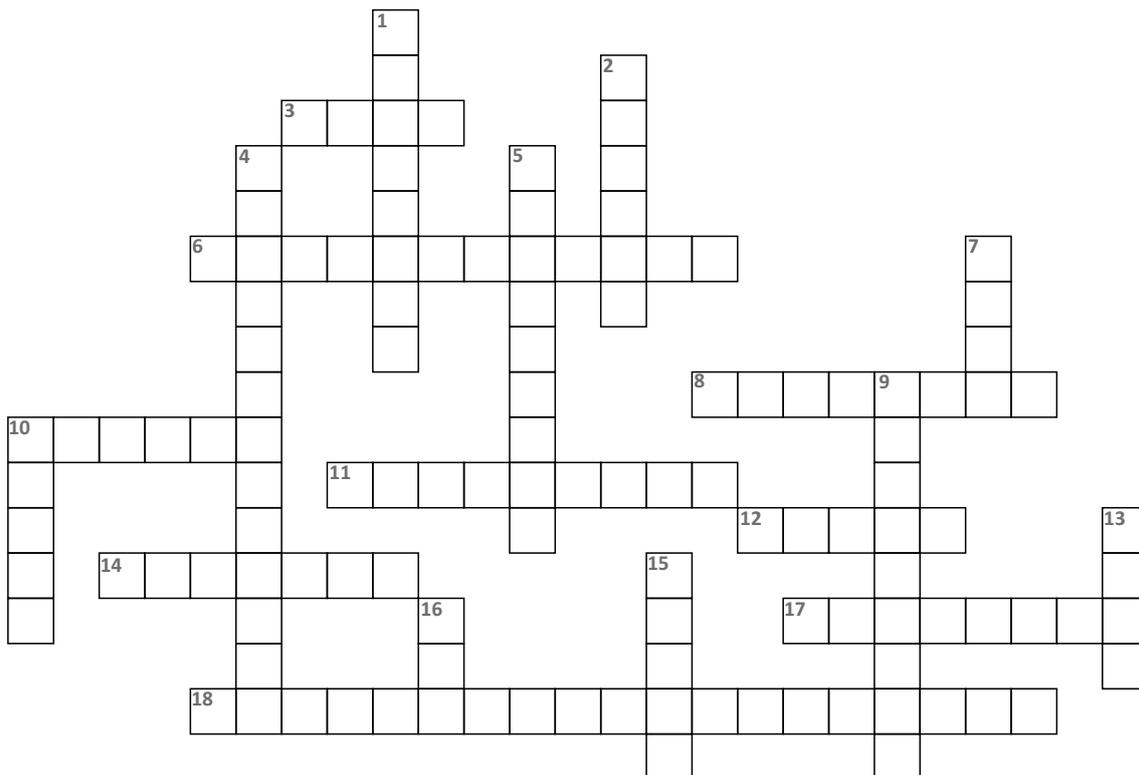
C'est là,
Le monde sera à toi.
Et c'est là,
Le capot gradué volera.

Joyeux Anniversaire Saint Xavier,
Pour toujours, tu seras près de mon cœur.

Vanessa Joseph & Juie Gune

SYBA

Les mots croisés



Verticalement

1. L'une des villas de Saint Xavier se trouve à _____
2. Le festival le plus célèbre de Saint Xavier
4. Qui est le saint patron de notre lycée?
5. Une viennoiserie au beurre, feuilletée célèbre parmi les français
7. C'est normal de trouver cet animal dans le collège.
9. De quel pays les jésuites fondateurs de notre lycée sont-ils venus?
10. Comment s'appelle le musée historique sur le campus?
13. C'est un logiciel qui aide à chercher les livres dans la bibliothèque.
15. Quel est le nom de la verdure sur le campus?
16. Le bâtiment au bout du campus de Saint Xavier.

Horizontalement:

3. L'entrée au collège Saint Xavier qui est aussi le synonyme de 4
6. Le nom d'un président d'un autre pays qui a visité le collège Saint Xavier en 2010
8. Le nom fameux de l'escalier d' après une référence Harry Potter
10. Un cours supplémentaire pour développer la connaissance spécifique des étudiants. (On doit avoir 7 crédits pour compléter ce cours)
11. Qu'est-ce que l'université de Mumbai a accordé au collège Saint Xavier en 2010?
12. L'extension de notre cantine où tous les étudiants s'amuse, rigolent et fêtent.
14. Quel est le mois d'établissement du lycée?
17. Un lieu de prière et de culte chrétien rattaché à une institution
18. Qu'est-ce que la devise de notre lycée?

Aditi Nair & Freya Moses K

(SYBA)

1. Khandala, 2. Malhar, 3. quad, 4. Francis Xavier, 5. croissant, 6. Barack Obama, 7. chat, 8. hogwarts, 9. Allemagne, 10. Honors(vertical) Heras(horizontal), 11. autonomie, 12. foyer, 13. OPEC, 14. janvier, 15. woods, 16. XIC, 17. chapelle, 18. Provocans ad volandum

Réponses

मेरी तमन्ना है

हर इन्सान जब इस पृथ्वी पर जन्म लेता है, तब उसकी लाखों तमन्नाएँ होती हैं। जैसे वैज्ञानिक बनना, शिक्षक बनना, विमान चालक बनना, पर मेरी तमन्ना कुछ अलग है। मैं एक दृष्टिहीन विद्यार्थी हूँ, हैपी होम नामक पाठशाला में पढ़ने वाला छात्र। मेरी भी एक तमन्ना है, पर वह इन सब चाहतों से भिन्न है। मेरी तमन्ना है-एक क्रिकेटर (दृष्टिहीन क्रिकेटर) बनना।

क्रिकेट का खेल मुझे बचपन से अच्छा लगता है। यह भारत में बहुत लोकप्रिय है, मगर दृष्टिहीन क्रिकेट को ज्यादा महत्व और मान्यता नहीं दी जा रही है। आज खेल जगत में क्रिकेट की रुचि बढ़ी है। खेल का पूरा वातावरण क्रिकेटमय हो गया है, पर दृष्टिहीन क्रिकेट अभी तक लोगों के सामने नहीं आया है। ज्यादातर लोग इस खेल के बारे में ज्यादा रुचि नहीं लेते। इस खेल को लोगों के सामने लाना चाहिए। दूरदर्शन, रेडियो इन सभी माध्यमों पर दृष्टिहीन क्रिकेट मैच का सीधा प्रसारण दिखाना चाहिए। ऐसा करने के पश्चात् ही दृष्टिहीन क्रिकेट लोगों के सामने आएगा। इन खिलाड़ियों की हौसला अफजाई के लिए खेल के प्रति जिज्ञासा बढ़ानी चाहिए। हाल ही में दृष्टिहीन खिलाड़ियों ने पाकिस्तान को हराकर विश्व कप अपने नाम किया।

विश्व कप जीतने के पश्चात् भारत के माननीय प्रधान मंत्री श्री नरेन्द्र मोदीजी ने इन खिलाड़ियों से मुलाकात कर इन खिलाड़ियों का हौसला बढ़ाया है। मैं उनका शुक्रगुजार

हूँ कि आपने हमारा हौसला बढ़ाकर हमें बहुत खुशी दी है और इस खेल के प्रति नई उमंग पैदा की है। मेरी आपसे विनती है कि आप हमें और अधिक प्रेरणा देते रहें। २१/२/१४ के नेत्रहीन विश्व कप के अंतिम चरण के मैच में भारत का सामना पाकिस्तान से हुआ था। जिसमें पाकिस्तान ने पहले बल्लेबाजी करते हुए चालीस ओवरों में ३८९ रनों का बड़ा लक्ष्य रखा था, पर भारत ने उसे ३९ ओवरों में हांसिल कर बड़ा रेकॉर्ड बनाया। तब ये सुनकर मुझे लगा की काश! मैं भी उस मैच में खेल रहा होता। क्रिकेट खेलना हर एक बच्चे का सपना होता है। वैसा ही मेरा भी एक सपना है। मेरी भी एक तमन्ना है कि मुझे भारत के दृष्टिहीन क्रिकेट टीम में क्रिकेट खेलना का मौका मिले। मैं आशा करता हूँ कि मेरा यह सपना सच हो सके।

क्रिकेट का सबसे अमीर बोर्ड बी.सी.सी.आय. अर्थात् भारतीय क्रिकेट बोर्ड विश्व में सबसे अमीर बोर्ड माना जाता है। अगर मैं दृष्टिहीन क्रिकेट की एकादश में शामिल हुआ, तो मैं जरूरी विनती करूँगा कि यह बोर्ड दृष्टिहीन क्रिकेट का हिस्सा बने और इस दृष्टिहीन क्रिकेट तो एक नयी उँचाई तक ले जा सके।

एकबार भारत के दृष्टिहीन क्रिकेटरस क्रिकेट श्रृंखला खेलने पाकिस्तान गए थे। तभी भारतीय एकादश में शामिल ग्यारह खिलाड़ियों के साथ धोखा हुआ था। दृष्टिहीन खिलाड़ियों के खाने में जहर मिला गया था। इसी तरह

कई घटनाओं पर ध्यान देना चाहिए।

मेरा सपना है कि मैं भारत की तरफ से क्रिकेट खेलूँ और भारत को एक नई उँचाई दे सकूँ। अगर मैं दृष्टिहीन क्रिकेट टीम में शामिल हुआ, तो मैं भारतीय टीम को एक नई उँचाई तक जाने के लिए जरूरी काम करूँगा। भारतीय टीम के साथ क्रिकेट खेलने की तमन्ना को जरूर पूरा करना चाहूँगा। मैं एक सच्चा भारतीय क्रिकेट फैन हूँ। एक दृष्टिहीन क्रिकेटर बनने के लिए मैं बहुत प्रयास करूँगा। मैं अपने सपने को जरूर पूरा करूँगा। सचिन तेंडुलकर यह क्रिकेट से जुड़ा हुआ एक सबसे प्रसिद्ध नाम है। यह भारतीय खिलाड़ी मेरा सबसे पसंदीदा खिलाड़ी है। हर एक इन्सान के मन में इस महान खिलाड़ी की बल्लेबाजी देखकर अपने देश के लिए क्रिकेट खेलने का जुनून पैदा होता है। मनमें देश के लिए खेलनेकी तमन्ना जागृत होती है। यह खिलाड़ी सचमुच एक प्रेरणादायी खिलाड़ी है। सब युवकोंको इस खिलाड़ी ने खेल के प्रति आकर्षित किया है, इसलिए आज सचिन तेंडुलकर को क्रिकेट का भगवान कहा जाता है। हम सभी सचिन जैसे तो नहीं बन सकते, पर इस खिलाड़ी को देखकर अपने देश के प्रति आत्मीयता और सम्मान को देखकर सचमुच अब मुझमें भी अपने देश के लिये खेलने की तमन्ना जाग उठी है।

निखिल प्रमोद कोलते

एस. वाय. जे. सी.

भारत के विभिन्न त्योहारों का एक परिचय

भारतीय संस्कृति में त्योहारों का महत्व केवल शब्दों में बयान नहीं किया जा सकता। त्योहार के दिन खुशी और उल्लास के साथ साथ प्रेरणा, मनोरंजन, उत्साह एवं एकता के भावों का अनुभव होता है। भारत के सभी त्योहार चंद्र पंचांग के अनुसार मनाये जाते हैं। त्योहार उपज, पौराणिक कथा एवं ऋतु के अनुसार मनाये जाते हैं। जैसे चैत्र महीने के अंत में बैसाखी रबी फसल काटने के पश्चात् जो उत्तर भारत के किसानों के परिश्रम का अनुष्ठान करने हेतु मनाया जाता है। कार्तिक माह में दीपावली का अनुष्ठान वनवास से आये हुए श्री राम, लक्ष्मण और सीता के आगमन हेतु करते हैं। दीवाली न केवल दीपक का त्योहार है, यह त्योहार प्रमाण है कि सत्य सदा बुराई पर विजय पाता है। ज्येष्ठ महीने में इस्लाम के अनुयायी प्रोफेट हजरत मुहम्मद साहब को सम्मान देने के लिए रमजान का अनुपालन करते हैं। रमजान के ३० दिन इन्हें जीवन के चक्र की विधि याद दिलाता है और ऐतिहासिक रूप से इस्लाम के आरम्भ को चिन्हित करता है। लोहड़ी, नवरात्रि, संक्रांति आदि त्योहारों का अपना अपना महत्व है, जिनको मानते हुए हम, अपने पूर्वजों को भी याद करते हैं।

आज मैं कुछ ऐसे त्योहारों के बारे में चर्चा करूँगी जो

पंचांग अनुसार मनाए तो जाते हैं, परन्तु उनकी महत्ता और अहमियत अनेकों को ज्ञात नहीं। यह राष्ट्रीय पर्व नहीं है, जो ग्रेगोरियन कैलेंडर व इतिहास के अनुसार मनाये जाएँ, परन्तु उनका इतिहास में वर्णन एवं उचित भूमिका है।

त्योहारों की सूची भारत में शाशवत नहीं। हर प्रदेश, हर क्षेत्र के अपनी रीति, अपने इतिहास, अपनी किंवदंती और उनके अनुसार अपने अपने त्योहार। ऐसा भी होता है कि एक ही त्योहार अनेक क्षेत्रों में भिन्न भिन्न नामों से जाना जाता है। आज मैं एक ऐसे ही ऐतिहासिक रूप से महत्व व किंवदंतियों में प्रचलित क्रमशः त्योहारों की चर्चा करूँगी।

५ जनवरी, १६६६ के दिन गुरु गोबिंद सिंह ने औपचारिक रूप से सिख धर्म के प्रथाओं की स्थापना की स्थापना के दो साल पश्चात् गुरु गोबिंद सिंह ने ७ मार्च १७०१ में 'होला मोहल्ला' नामक त्योहार का प्रारम्भ किया। होला मोहल्ला फाल्गुन में मनाये जाने वाले होली के दूसरे दिन मनाया जाता है। यह त्योहार रंगों का नहीं, अस्त्र शस्त्र के प्रदर्शन का है। रोपड़ क्षेत्र के आनंदपुर साहिब गुरुद्वारे में हर वर्ष तीन दिन का उत्सव मनाया जाता है,

जहाँ पाकिस्तान एवं भारत से सिख धर्म के अनुयायी गुरु गोबिंद की इस प्रथा का पालन करने आते हैं। १७०४ सिखों के लिए बहुत कठिन वर्ष था। उस समय गुरु गोबिंद के नेतृत्व में सिख मुगल बादशाह औरंगजेब के खिलाफ विद्रोह कर रहे थे। गुरु तेग बहादुर की हत्या ने सिखों का खून उबाला था। इस माहौल में सिख समुदाय की एकता बनाए रखना आवश्यक था। एकता की आड़ में गुरु गोबिंदजी ने अस्त्र-शस्त्र के प्रदर्शन का आयोजन किया, जिससे पूरा समुदाय एक जुट हो और मुगलों के कारण हुए घमासान को भूला न जाय। ऐतिहासिक रूप से होला मोहल्ला महत्वपूर्ण त्योहार है, क्योंकि इस त्योहार का उद्देश्य सिख समुदाय की उम्मीद, एकता और हिम्मत बनाए रखना था। सिखों की इसी एकता, हिम्मत और गौरव को अपना गुरुर मानते हुए आज भी होला मोहल्ला त्योहार और उसकी शस्त्र प्रदर्शन की प्रथा जारी है।

“कितना अद्भुत है ये मोहल्ला, टूटे को जोड़ने आया एक जोगी, रोप और प्रतिशोध के थ कई रोगी, हक के इस ध्वंस में सिखों ने किया हल्ला, गुरु गोबिंद ने हिम्मत जोड़ी, और प्रथा बन गयी होला मोहल्ला।”

गुरु ग्रन्थ साहिब के अनुसार, होला मोहल्ला की सच्ची भावना गुरु नानक और सिख गुरुओं के आदर्शों को याद कर पूरी निष्ठा से पालन करना है। हर सिख सच्ची निष्ठा से अपने परिवार, मित्रों, देश और समुदाय की रक्षा करता है और न केवल होली के पश्चात्, परन्तु हर दिन होला मोहल्ला की भावना का पालन करता है।

भारतीय इतिहास कई प्रादेशिक किंवदंतियों का समूह है। इनकी कुछ कहानियाँ ऐतिहासिक प्रमाणों से समर्थित हैं और कुछ केवल मुँह बोली हैं, जो पीढ़ी-दर-पीढ़ी परिवारों में आगे सुनाई जाती हैं। ऐसी एक किंवदंती पर आधारित त्योहार है - जीवितपुत्रिका। जीवितपुत्रिका त्योहार अपने बच्चों के खुशाल, सुरक्षित एवं घात से मुक्त जीवन हेतु मनाया जाता है। रीति के अनुसार माँ अपने बच्चों के लिए पूरा दिन उपवास/व्रत रखती है, जो निर्जला अथवा बिना जल का होता है। इस उपवास के पालन के पश्चात् दिन के अंत में घर की अपनी थाल होती है, जो बनाई जाती है और सपरिवार खाई जाती है। यह त्योहार नेपाल, बिहार, उत्तर प्रदेश, झारखंड आदि प्रदेशों में प्रसिद्ध है। जीवितपुत्रिका आश्विन माह के कृष्ण पक्ष के दिन मनाया जाता है। इस त्योहार की प्रेरणा किंवदंती है।

इस कहानी के अनुसार जीमूतवाहन गंधर्व के बुद्धिमान और शूर राजा थे। जीमूतवाहन सत्तारूढ़ से संतुष्ट नहीं थे और परिणामस्वरूप उन्होंने अपने भाइयों को अपने राज्य की सभी जिम्मेदारियाँ दी और अपने पिता की सेवा करने

हेतु जंगल चले गए। एक दिन जंगल में भटकते हुए उन्हें एक बुढ़िया विलाप करती हुई मिलती है। उन्होंने बुढ़िया से रोने का कारण पूछा, जिस पर उसने उन्हें बताया कि वह सांप (नागवंशी) के परिवार से है और उसका एक ही बेटा है। एक शपथ के रूप में, हर दिन, एक सांप को एक भोजन के रूप में पाखीराजा गरुड़ को चढ़ाया जाता है और इस दिन उसके बेटे को भोजन बनने का मौका मिला। उसकी समस्या सुनने के बाद, जिमूतवाहन ने उसे सांत्वना दी और वादा किया कि वह उसके बेटे को जीवित वापस ले आएंगे और गरुड़ से उसकी रक्षा करेंगे। वह खुद को भोजन के लिए गरुड़ को भेंट की जाने वाली चट्टानों के बिस्तर पर लेटने का फैसला करते हैं। गरुड़ आते हैं अपनी अंगुलियों से लाल कपड़े से ढके जिमूतवाहन को पकड़कर चट्टान पर चढ़ जाते हैं। गरुड़ को आश्चर्य होता है, जब वह जिस व्यक्ति को फँसाते हैं वह प्रतिक्रिया नहीं देता है। वह जिमूतवाहन से उनकी पहचान पूछते हैं, जिस पर वह गरुड़ को पूरे दृश्य का वर्णन करता है। गरुड़, जीमूतवाहन की वीरता और परोपकार से प्रसन्न होकर, सांपों से कोई और बलिदान नहीं लेने का वादा करते हैं। जिमूतवाहन की बहादुरी और उदारता के कारण, सांपों की पीढ़ियाँ बच गईं और तब से, बच्चों के कल्याण और लंबे जीवन के लिए उपवास मनाया जाता है।

दूसरी कहानी गुजरात और राजस्थान में लोकप्रिय है, हालांकि कई समुदाय और परिवार अनुष्ठान का पालन

नहीं करते हैं और इस त्योहार को मनाते हैं। किंवदंती के अनुसार, रामलाल नाम का एक कुम्हार अपने जहाजों के लिए मिट्टी गूंध रहा था, जिसे बनाया जाना था और परम भक्ति के साथ भगवान के नाम का जाप कर रहा था, जैसे कि उसे यह एहसास नहीं था कि मिट्टी के साथ, उसका शिशु पुत्र जो उसके पास खेल रहा था, भी लुगदी के लिए बढ़ा दिया गया था? भय से चकित रामलाल और उसकी पत्नी ने अपने भगवान को गुहार लगाई कि, “हमने तुम्हारा नाम प्रेम और भावना के साथ लिया और तुमने हमसे हमारे जीवन में खुशी और प्रेम का एकमात्र कारण छीन लिया?” रामलाल और उसकी पत्नी कठोर व्रत से गुजरे और देवताओं ने उनके पुत्र को जीवित कर दिया। इस प्रकार, इन राज्यों में बोड़चौथ के रूप में जाना जाने वाला जीवितपुत्रिका माता-पिता के प्यार की शक्ति और उनके बच्चों के कल्याण और सुरक्षा के लिए किसी भी हद तक जाने की क्षमता को दर्शाने के लिए मनाया जाता है।

इस प्रकार, भारत में त्योहार वास्तव में केवल समारोहों, धर्मनिरपेक्षता और प्राचीन परंपराओं से अधिक है। भारत में त्योहारों को सभी स्तरों पर मनाया जाता है, त्योहार जीवन के विभिन्न पहलुओं और जीवन के चरणों को दर्शाता है-मूल रूप से वर्ष में नियमित अंतराल पर एक अनुस्मारक है ये त्योहार!!

मृणालिनी संपत

एक दिन मोबाइल फोन के बिना....

प्रस्तावना : विज्ञान ने कई सारे आविष्कार किए हैं। जिससे मनुष्य का जीवन काफी सरल हो गया है। एक ऐसा ही आविष्कार है-‘मोबाइल फोन’। जिसे हम वर्तमान काल में स्मार्ट फोन के नाम से जानते हैं। मोबाइल फोन विज्ञान का सबसे अद्भुत और अनोखा तोहफा है, किंतु अगर मोबाइल का इस्तेमाल सही तरीके से न किया जाए, तो वह मानव जाति के लिए हानिकारक साबित हो सकता है।

मोबाइल फोन के तथ्य: आज ५०० करोड़ से भी ज्यादा लोग मोबाइल फोन का इस्तेमाल कर रहे हैं। एक रिसर्च रिपोर्ट के अनुसार साल २०१९ के अंत तक स्मार्ट फोन यूजर की संख्या ३३.५ करोड़ से बढ़ने वाली है। यह आश्चर्यजनक स्थिति है। यदि हमें यह पूछा जाए कि एक दिन मोबाइल फोन न मिले तो क्या होगा?

इस प्रश्न को सुनते ही लोगों के मन में कहीं से विचार आने लगेगा जैसे हमारा काम अधूरा रह जाएगा? हम मित्र या परिवार वालों से बात कैसे करेंगे? हमारा मनोरंजन कैसे होगा? और कई सारे प्रश्न हमारे विचार में आते हैं।

मोबाइल फोन की उपयोगिता : मोबाइल फोन के बहुत सारे लाभ हैं। जैसे आज कल हम बड़ी जल्दी से किसी से भी वार्तालाप कर सकते हैं। गुगल मैप से अपने

डेस्टिनेशन तक पहुँच सकते हैं। समय का बचाव होता है, बच्चे अपना मनोरंजन कर सकते हैं और साथ-ही-साथ आजकल तो खाना भी मोबाइल फोन के द्वारा माँगा जा सकता है, फोन से हम वीडियो कॉल भी कर सकते हैं। मोबाइल फोन के अनगिनत फायदे हैं। मोबाइल फोन एक ऐसा यंत्र है, जो हमारे काम को आसान कर देता है। आजकल सभी नागरिकों के पास मोबाइल फोन हैं। लोग विज्ञान के इस आविष्कार का बहुत लाभ उठा रहे हैं।

मोबाइल फोन के दुष्प्रभाव :

मोबाइल फोन के लाभ तो हैं, किंतु हर सिक्के के दो पहलु होते हैं कि उसी तरह मोबाइल फोन की हानियाँ भी हैं। मोबाइल फोन का इस्तेमाल करने से सिर दर्द होता है, आँखें कमजोर होती हैं, समय का दुरुपयोग होता है, बच्चों का पढ़ाई में मन नहीं लगता है। और तो और आजकल मोबाइल के अधिक इस्तेमाल से लोग मौत के कुएँ में गिर रहे हैं। सड़क पर, गाड़ी चलाते वक्त लोग फोन पर चिपके रहते हैं, जिसके कारण उनका ध्यान भटक जाता है और दुर्घटना हो जाती है। डिप्रेशन के शिकार बच्चे होते हैं, जो काफी देर तक मोबाइल फोन पर लगे रहते हैं। यह स्थिति काफी कष्टदायक और हानिकारक है। इसलिए बन सके उतना मोबाइल फोन का कम से कम

प्रयोग करना चाहिए।

यदि एक दिन मोबाइल फोन न हो, तो जीवन कष्टदायक न होगा। परंतु हम कुछ समय अपने आप और अपने परिवार के लिए निकाल सकेंगे। समय का भी बचाव होगा, जिससे हम कुछ दूसरे कार्य में हिस्सा लें, लेकिन साथ ही साथ फोन न हो तो हमारा काम भी अटक जा सकता है। यदि हमें किसी विषय की जानकारी चाहिए, तो हमें उचित समय पर न मिल सकेगा। यदि एक दिन हमें शपथ लेनी चाहिए कि हमें फोन का इस्तेमाल नहीं करना है। क्योंकि एक बार जो मनुष्य कुछ ठान लेता है, तो कुछ भी हो जाए, उसे पाकर ही उसे चैन मिलता है। यदि मनुष्य चाहे तो एक दिन क्या पूरे साल मोबाइल फोन का कम से कम प्रयोग कर सकता है।

मेरा विचार यह है कि मोबाइल का इस्तेमाल विद्यार्थी, व्यापारी और तो और बूढ़े लोगों को कम-से-कम करना चाहिए। किंतु यदि मेरे पास एक दिन फोन न हो तो मुझे तकलीफ होगी, लेकिन वह एक दिन मैं सुकुन से अपना दूसरा कार्य कर सकूँगी और अपने परिवारवालों के साथ अधिक समय बिता सकूँगी। मैं शांति से बिता सकूँगी। इसी हेतु मैं यह कहना चाहती हूँ कि मोबाइल एक ऐसी वस्तु है, जो हमारा जीवन नाश कर सकता है

या प्रगतिशील कर सकता है।

उपसंहार : अंत में, मैं कुछ उपायों पर ध्यान आकर्षित करना चाहती हूँ, जिससे हम मोबाइल फोन का कम-से-कम प्रयोग कर सकें। जैसे अपना टाइम टेबल बनाएँ, घड़ी का उपयोग कीजिए, फोन को साइलेंट मोड पर रखें,

अपने दोस्त तथा परिवारजनों से बातें करें। कुछ दूसरा कार्य कीजिए, जैसे-चित्र बनाना, नृत्य या ऐसा कुछ जिसमें आपकी रुचि हो।

“मोबाइल फोन का काम अनुसार इस्तेमाल कीजिए वरना विज्ञान का यह वरदान नाशदायक हो सकता है।” मोबाइल

फोन का प्रयोग कीजिए, किंतु उसे अपनी जिंदगी न बनाएँ।”

धन्यवाद ।

ज़ेवियर गान/गीत

हम 'संत ज़ेवियर' के विद्यार्थी आगे बढ़ते जाएँगे,

हम भविष्य के नेता होंगे, जग में नाम कमाएँगे।

हम 'संत ज़ेवियर के विद्यार्थी'.....।

हम 'मानवता' के हमदम हैं, सबको गले लगाएँगे,

'संत इनेशियस' की शिक्षा का पालन करते जाएँगे।

हम संत ज़ेवियर के विद्यार्थी....।

हम 'जे'जुएट्स' की परंपरा को आगे लेकर जाएँगे,

पूरब और पश्चिम दोनों में अपना परचम लहराएँगे।

हम संत ज़ेवियर के विद्यार्थी....।

इतिहास हमारा गौरवशाली, भविष्य को चमकाएँगे,

कदमों को जमीन पर रखकर आसमान छू जाएँगे।

हम संत ज़ेवियर के विद्यार्थी.....।

हम अज्ञान को दूर करेंगे 'ज्ञान' का दीया जलाएँगे,

'सत्य', 'अहिंसा' और 'सेवा' से भारत का मान बढ़ाएँगे।

हम संत ज़ेवियर के विद्यार्थी.....।

हम 'नवीनता', हम 'पवित्रता', हम 'मेल-जोल' बढ़ाएँगे।

'एकसौ पचासवीं जयंती' को धूमधाम से मनाएँगे।

हम संत ज़ेवियर के विद्यार्थी।

हम संत ज़ेवियर के विद्यार्थी आगे ही बढ़ते जाएँगे,

हम भविष्य के 'अगुआ' होंगे, दुनिया में छा जाएँगे।

हम 'संत ज़ेवियर के विद्यार्थी'.....।

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गीतकार : डॉ. भगवती प्रसाद उपाध्याय (पूर्व नौसैनिक) हिंदी-विभाग

संगीतकार : कु. जिनिया चट्टोपाध्याय

स्वर : कु. जिनिया चट्टोपाध्याय, कु. श्रीदेवी संतोष, कु. दृष्टि शाह, कु. निकिता सोनावणे, कुमार तन्मय मिरगळ, कुमार सूर्यकांत पाटील,

कुमार शुभम् गुप्ता

वाद्य यंत्र : राहुल परेरा

प्रकृति

कितनी सुंदर है यह दुनिया
कितना सुंदर है यह आसमाँ
इसी प्रकृति की चिंता लिए
मेरी तड़प रही है आत्मा
क्या नहीं दिया है मैंने तुम्हें
सुख, शांति इतना तो क्या
मैंने तो अपना आँचल भी तुम्हें दे दिया
पर तूने तो तेरे स्वार्थ हेतु
मेरा अस्तित्व ही मुझ से छीन लिया
अपनी चेतना से ही तूने
खिलवाड किया
वृक्ष लगाओ देश बचाओ
ऐसे नारे तू सुनाता रहा
प्रकृति को साक्षी मानकर
तू खुद को सचेत करता रहा
ए इंसान ! अगर तुझे में सच में इंसानियत है
तो जरूर कर यह साधना
इसी प्रकृति की चिंता लिए

मेरी तड़प रही है आत्मा
तेरे दिल ने माता का दर्जा दिया मुझे
माता कहकर पुकारा है
पर दूसरी और देखा जाए तो
मेरी विडम्बना ही विडम्बना है
मत दिखा एक ही सिक्के के दो पहलू तू मुझे
ऐसा समझ की तेरे सामने
एक माँ का प्यार खड़ा है
मत कर इतना गुरुर अपने आप पर तू
क्यों की अभी तक मैंने तुझे एक नादान समझ कर
बक्शा है
ऐ ! इंसान प्रकृति के नियमों के खिलाफ जाने की तू
कोशिश भी ना कर
यही है मेरी याचना
इसी प्रकृति की चिंता लिए
मेरी तड़प रही है आत्मा
ऐ ! इंसान और क्या चाहिए तुझे
कुदरत के नसीब से तूने
सब कुछ पा लिया है

पर फिर भी तू क्यों तू इस जीवन की
राह भटकता रहता है
पल दो पल के इस जीवन में
तू कर प्रकृति का सम्मान सदा
यही सन्देश है मेरा
क्यों कि इस राह पर तू चलता रहा
तो जरूर ही आएगा एक दिन
तेरे जीवन में नया सबेरा
ऐ ! इंसान अगर तू सच में मेरे अस्तित्व को चाहता है
तो सदा सन्तुलन बनाए रखना
यही है मेरी
प्रार्थना
इसी प्रकृति की चिंता लिए
मेरी तड़प रही है आत्मा
मेरी तड़प रही है आत्मा ।

निखिल कोलते
एस. वाय. जे. सी.

लावारिस

एक बंद कवच से
कुछ दिनों बाद
वो खुद बाहर आया था
मुस्कराते चहकते
नादान परिंदा आजादी पाया था
माँ के साये में जीना चाहा था
पर उस इंतजार के घोंसले में
अकेला बसा वह पंछी
माँ जरूर आयेगी जल्द
आस्था थी उसे ऊँची
माँ लाती खाना
वह चखता प्यार
अब तक वो आयी नहीं
वो होता परेशान

वो होता बेकरार
एक चोंचसे दूसरे
प्यार वो देती
अचानक से एक शाम
कहा वो धूम होती ?
सूरज ढलते निकल जाये
फिर से वो आता जरूर
आतंकवाद के गोलियाँ भी
लेके जाये जिंदगी जुनून
समझता है द्वेष के,
विद्रोह के,
अमानवीयता के,
गोलियों से मारे थे कई
जो बचे है अब भाग जाते कहीं ?

उस झुंड के साथ
मैं भी निकल जाऊँ क्या ?
माँ की ममता और ये घोंसला
लावारिस छोड़े जाऊँ क्या ?
बिना सोचे समझे
अपना सब त्याग देते हैं
अपनी जान बचाने
एक अलग जिंदगी जीते हैं
हर दम जीते मरते हैं
खो गये थे लोग
खो गयी थी खुशियाँ
खो गये हैं शब्द
लावारिस है दुनिया
सौमिक रहाट
बी. ए. (प्रथम वर्ष)

लफ़्जों की कमी सिर्फ़ जानवर नहीं, इंसान भी महसूस करता है,

लफ़्जों की कमी सिर्फ़ जानवर नहीं, इंसान भी महसूस करता है,
हमदर्दी सिर्फ़ उन सितारों के लिए ही क्यों? यहाँ किसान भी अफ़सोस करता है।

क्यूँ नहीं हम इंसानियत के चारों दायरों में शामिल होते हैं?
और क्यों हम सिर्फ़ इन चमकीली चीजों को समझने के काबिल होते हैं?

इन परछाइयों के पीछे छिपी उन नाजुक मोतियों को क्यों नहीं परख पाते हैं हम?
और क्यों अच्छा-बुरा जानते हुए भी उसे नहीं परखना चाहते हैं हम?

इस दृष्टिकोण की कमी उस गरीब से पूछिए, जो इन अमीरों की चक्री में पीस रहा है
और सवाल उन से कीजिए, जो इनकी मजबूरियों पर हँस रहा है।

काश ! ना होता इन वर्गों में कोई भेदभाव
काश ! सब भर पाते एक दूसरे के घाव।

पर जनाब असलियत तो ये है, सबकी जंग अलग है
और सबको अलग - अलग ही लड़नी है
क्योंकि कितने भी हम बन जाए इंसान, इंसानियत आखिर में मरती ही है।

—रितेश जाधव
बी. ए. (प्रथम वर्ष)

The supreme test of all art is that it makes articulate those deep feelings that are common to all, in language adequate enough to express those feelings. ...Here would come men and women, on the threshold of life, imbued with the joy of the dawning life and the hope of the years to come, conscious to their rich heritage and trustful of the future.

OUR NEW CHAPEL - Fr. Gonzalo Palacios de Borao S.J, Principal 1933 - 1940

खिडकीबाहेर

ठिकाण : घराची बाल्कनी

वेळ : सकाळचे नऊ (बहुतेक), आज म्हटलं जरा बाहेर डोकावून पहावं, बघावं कसला इतका दंगा चालू असतो या मुलांचा. त्यांच्या किलबिलाटाला त्रासून आमची खिडकी सतत बंद. आता घरामागेच गार्डन असल्यावर आणखी वेगळं काय होणार ? तरी आज ठरवलं, खिडकी उघडायची. घराची देखील आणि देव जाणे, बहुतेक मनाची देखील ?

उघडून पाहते तर काय, आज गार्डन अचानकपणे वेगळं भासत होतं. सगळं तिथंच होतं. गार्डनच्या चारही बाजूंभोवती बाकांची रांग, एका बाजूला पाळणा-झोपाळा, मधल्या मैदानात कालच्या कबड्डी मॅचच्या खुणा आणि गार्डन मधली झाडंझुडपं, सगळं जसंच्या तसंच. मग वेगळं काय होतं ?

याच शोधावर असताना एका चार - पाच वर्षांच्या मुलांच्या टोळीकडे लक्ष गेलं त्यांचा नेमका कोणता खेळ चालू होता याचा पत्ता लागला नाही पण जेव्हा धावाधाव करताना त्यांच्यातला लहानगा खाली पडला तेव्हा त्याला उचलायला सगळ्या टोळीचे हात पुढे आले. त्यांच्यातल्या एकाला त्या चिमुरड्याच्या अंगावरची धूळ झाडताना पाहून एकेकाळी अख्खं गार्डन डोक्यावर घेणाऱ्या आमच्या गॅंग ची आठवण आली. काय दिवस होते ते !

दुसऱ्या क्षणी माझी नजर एका बॅडमिंटन खेळणाऱ्या बापलेकाच्या जोडगोळीकडे गेली. स्पोर्ट्स शूज मध्ये एखाद्या दिमाखदार खेळाडू सारखा दिसणारा बाबा आणि त्याचं छोटं व्हर्जन आनंदात खेळत होतं. आवर्जून सांगायची गोष्ट अशी की त्यांच्या शटल कॉकने एकदाही जमिनीला स्पर्श केला नाही. त्यांच्या त्या आनंदमय, लयबध्द खेळण्यावरून जेव्हा पहिल्यांदा बाबांनी माझ्या लहान हातांसाठी खास लहान बॅडमिंटन आणलं होतं आणि ते बॅडमिंटन तुटेपर्यंत आम्ही खेळलेल्या असंख्य डावांची आठवण झाली. मला शंभर टक्के खात्री आहे की आजही मी बाबांना हरवू शकते !

गार्डनबद्दल बोललं आणि बाकांवर बसलेल्या विचारवंतांबद्दल बोललं नाही हे अशक्यप्राय ! नऊवारीतल्या आजीबाईचा एक घोळका सकाळच्या कोवळ्या उन्हाचा आनंद घेत होता. बाजूच्या बाकावर दोन आजीबाई इतक्या गंभीरपणे बोलत होत्या की एखाद्याला वाटावं कोणत्या देशाशी करार करायचा विचार आहे की काय यांचा ! इतर वृद्धमंडळी बागडणाऱ्या मुलांना पाहून समाधानी दिसत होती. बहुतेक उतारवयातही हरवलेल्या बालपणाची खुमखुमी त्यांच्यात जिवंत असावी ! त्यांनाच ठाऊक. मात्र हे सगळं चित्र पाहून एक गोष्ट स्पष्टिकाप्रमाणे स्पष्ट झाली: गार्डन नाही, तर इथे येणारी, इथे रमणारी माणसं बदलली आहेत. आणि मी सुध्दा.

या जाणीवेवर माझी गोष्ट थांबत नाही. स्वतःला प्रश्न केला, शेवटचं कधी, आता तुझ्या मोठ्या झालेल्या हातांनी बाबांसोबत बॅडमिंटन खेळलीस ? प्रश्नांच्या या भडिमाराने अचानक ते गार्डन सातासमुद्रापार असल्यासारखं वाटायला लागलं.

माझं तिथे जायचं वय संपलं हे गृहीत धरून मीच दूर लोटलं का गार्डनला ? फक्त गार्डनच नाही तर त्या सर्व गोष्टींना ज्यांनी माझं बालपण सर्वांगसुंदर बनवलं ? आपण खरंच मोठे होतोय, याची काहीशी कडवट जाणीव झाली आणि दडपण देखील आलं.

शिट्टीचा आवाज. गार्डन बंद व्हायची वेळ झाली. ते बापलेक, आजीआजोबा आणि मुलांची टोळी हातात हात घालून गेटबाहेर पडली. समोर फक्त माझ्या डोक्यात डोळे घालून पाहणारं रिकामं गार्डन. आम्ही काही क्षण एकमेकांकडे बघत राहिलो. मी तिथे स्वतःला बागडताना पाहिलं आणि खिडकीतून डोकावणाऱ्या मला खेळायला यायला सांगितलं. थोड्यावेळाने आईची हाक ऐकू आली. जायची वेळ झाली. मी नक्की येईन अशी मलाच ग्वाही दिली. नक्की.

जाताना मात्र ती खिडकी सताड उघडी ठेवायला विसरले नाही. कधीही बंद न करण्यासाठी.

दुर्गा रामचंद्र येसादे

(इयत्ता बारावी - कला शाखा)

हाक

भारत, आपला देश, इतका विशाल आणि त्यातील मानवजाती इतक्या विविध प्रकारच्या आहेत की, आपल्यापैकी सर्वात जास्त वाकबगार माणसाला देखील वेगवेगळ्या मानवजाती व त्यांच्या अवस्था यांच्याविषयी जे काही जाणण्यासारखे असते ते सर्व माहित करून घेता येत नाही. ही गोष्ट जसजशी प्रत्ययास येते तसतसे समजते की आजही अनेक मानवजाती आहेत ज्यांना प्रगतीची गरज आहे. ह्यातच सामावलेले आहेत १०४ दशलक्ष आदिवासी बंधू-भगिनी, स्वातंत्र्यानंतर ७१ वर्षे होऊनही या वनवासींचे तेच हाल आहेत. पिण्यास पाणी नाही किंवा आजारी पडल्यास दवाखान्याची सोय नाही. या भागांमध्ये जाऊन लोकांसाठी काम करणे गरजेचे आहे. हिंदुस्थानात राणीपराज यांच्यासाठी काम करणारे अनेक कार्यकर्ते आहेत. परंतु कार्याच्या मानाने ते फारच थोडे आहेत. पीक तर पुष्कळ आलं आहे; पण कापणी करणाऱ्या मजुरांची वाण आहे. आणि ही सर्व सेवा फक्त माणुसकीच्या स्वरूपाची सेवा नव्हे; परंतु भरीव राष्ट्रीय सेवा असून, आपल्याला खऱ्या स्वातंत्र्याच्या जवळ

नेणारी आहे. हेच खरं स्वातंत्र्य मिळविण्याकरिता मी सज्ज झालो.

वनवासी कल्याण आश्रम या संस्थेमार्फत आदिवासी भागात जाऊन काम करायचे ठरवले. जन्माला आला नि हेला घालुनि मेला असं आयुष्य जगायचं नाही आहे म्हणूनच हा प्रयत्न. ठरलं तर ठिकाण ! जिल्हा-नाशिक, तालुका-सुरगाणा, गाव-मनखेड. मी आणि माझ्या सोबत १४ मित्र त्या खेड्यात जाण्यास तयार झालो. technology च्या गराड्यात गुदमरत अडकलेल्या काही मुलांना स्वतःचा समाज जाणून घेण्याची ही एक सुवर्ण संधी होती. तिथे जाण्याआधी माझ्या डोक्यातील ध्येय-नीट अभ्यास करून, जाणून, समजून, समस्या सोडण्याकरिता मनापासून प्रयत्न करायचा, हेच माझे यश ठरेल.

मनखेडला टमटम पोचली आणि गावातील प्रतिष्ठित व्यक्तिमत्त्व म्हणजे थोरल्या अण्णा गायकवाड यांच्या कौलारू घराकडे आमची स्वारी निघाली. आत शिरताच खमका आवाज कानी पडला.

"आले का पावणे ?" ढगळा शर्ट, टिगळ लावलेली धोतर, खांद्यावर पंचा आणि डोक्यावर गांधी टोपी या वेशात अण्णांनी आमचं स्वागत केलं. अण्णा ८३ वर्षांचे पण आवाजातील धार आणि चालीतील झटपट अजूनही जवान होती. "येळ झालीय, जेवण उरका" असं अण्णांचा मुलगा केशव म्हणून गेला. गरिबीची काहीच समज नसताना आम्ही दुपारी पोटभर जेवलो. जेवण आवरता आवरता ४ वाजले. गावातील लोकांची मुलाखत घ्यायची होती. कुठेही न जाता अण्णांपासून सुरवात करायची ठरलं.

अण्णा त्यांच्या लाकडी खुर्चीवर आणि राज्याची प्रजा म्हणजे आम्ही जमिनीवर मांडी घालून बसलो होतो. थोडाफार अभ्यास केला होता त्यामुळे नेमकं काय विचारायचं हे माहित होतं. पहिला प्रश्न विचारायला सुरुवात केली तो मध्येच रोखून अण्णांनी मनखेडचं महाभारत सांगण्यास सुरुवात केली. आमच्याकडे पाणी, वीज, अन्न, रोजगार,, नाही. हे सगळं सांगता सांगता तासभर उलटला होता. प्रत्येक वाक्यानंतर अण्णांचं नाक वहायचं आणि

ते स्वतःच्या दंडाने फुर्र करून पुसायचे. हे दृश्य पहायला सर्वांना मजा आली. जशी आम्ही तयारी केली होती त्याचप्रमाणे मुंबईच्या पाहुण्यांना काय सांगायचं याची तयारी अण्णांनी केली होती अशा शंकेची पाल मनात चुकचुकली.

तेवढयातच आत्या आणि भाचीची जोडी घरात विहरत आली. आत्या म्हणजे केशवची बहीण रमा आणि भाची केशवची कन्या नीरा. नीरा फारच गोंडस मुलगी! थुई थुई धावत जाऊन केशवपाशी उभी राहिली. माझ्या एका मैत्रिणीने तिला जवळ घेत विचारलं, "बाळा शाळेत जातेस का गं तू?" पट पट मूदू आवाजात तिने उत्तर दिलं. अण्णांची लाडकी नात हो ती! "मोटं होऊन काय बनायचं आहे तुला?" हे विचारताच ती अंगणातून चूलघरात तिच्या आईकडे पळाली. तिचं असं वागणं अण्णांनी हसण्यावर घेतलं. "लाजली आमची पोर!"

"काय मग, कितवी पर्यंत शिकवणार नीराला?" हे मीच केशवला विचारलं. केशवचा चेहरा पुस्तकही न उघडता परीक्षेत येऊन बसलेल्या विद्यार्थ्यांसारखा झाला होता. अजून काही म्हणायच्या आधीच अण्णांची तळपायातील आग मस्तकात गेली. "कशापायी शिकवायचं पोरीला. डाक्टर बनणार की पायलट? शिकवून कायबी फायदा नाय. हेच बघा ना, रमा, केशवची बहीण चांगली तालुक्याच्या कालेजात जाऊन १२वी शिकली, पळून गेली त्या पोराबरोबर आणि तो गेला सोडून. पाण साऱ्या गावासमोर काळं फासलं ना माझ्या. पोरीनं चूल अन

मूल एवढाच सांभाळावा. उगाच चादरी बाहेर पाय पसरू नये. पुरुष असतात की घर सांभाळायला."

अण्णांचं असं बोलणं ऐकून सारे थक्क झालो. महत्वाची समजली जाणारी करियर्स मुलांनी करायची. मुलींनी शिकून काय करायचं. मुलगी म्हणजे परक्या घरातील संपत्ती. थोडं शिकली, पोहे वगैरे करता आले, मुख्य म्हणजे मंगळ नसला की झालं! आता स्वातंत्र्याच्या ७१ वर्षांनंतर सर्व फुले- आंबेडकर आणि सर्व आगरकर-गोखले-कर्वे यांच्यानंतर सर्व शाहू महाराज, विठ्ठल रामजी शिंदे, कर्मवीर भाऊराव पाटील आणि सर्व आनंदीबाई जोशी, ताराबाई शिंदे यानंतर अजूनही बऱ्याच प्रमाणात आपली हीच स्थिती आहे हेच, विचार आहेत.

स्त्रिया आता कुठल्या कुठे पोचल्या आहेत. स्वातंत्र्य, सन्मान, समता आणि सुरक्षा या चार वेलींवर चढत स्त्रिया प्रगतीच्या शिखरावर आहेत. आणि आज तरीही तुमचे असेच विचार? अण्णांच्या कपाळावरील आठ्या दगडावरील काळ्या रेघांसारख्या वाटत होत्या. कितीही काहीही झाल तरी त्या रेघा तशाच्या तशाच राहणार होत्या. कधीच न बदलता. अण्णांना आमचे विचार कदापि पटले नव्हते. शांत राहूनच त्यांनी त्यांचा राग व्यक्त केला. पुढच्या घरी जायची वेळ झाली. आपण काही सांगितल्याने या गावात काही फरक पडणार नाही असं वाटू लागले. पुढचे २ दिवस असेच गरिबी, पाणी, अन्न, शेती, तरुण मुलं, व्यवसाय, व्यसनं या

साऱ्या गोष्टींवर चर्चा केली. सरपंच, पोलीस पाटील आणि गावचे डॉक्टर यांची ही मुलाखत घेतली. त्यांच्या समस्या जाणून घेतल्या.

शेवटी निरोप घेण्याची वेळ आली. बाजाराचा दिवस होता. शेंगदाणे खात टमटमच्या टपावर चढलो. मनखेड सोडताना सतत अंतःकरणात अस्वस्थ वाटत होतं. आपण गावात येऊनही काहीच करू शकलो नाही याची खंत वाटत होती. तेवढयातच हाक ऐकू आली. कोरड्या आवाजाचा केशव, म्हणजेच अण्णांचा मुलगा टमटमपाशी आला. त्यानं खालूनच सांगितलं, "अण्णांसमोर काही बोलायची अजून काही माझी हिम्मत नाय. म्हणून इथं आलो. माझ्या नीराला जेवढं शिकायचं तेवढं शिक्षण देईन. या परत आमच्याकडे लवकरच! येतो."

आंधळा फुलवेडा फुलांना स्पर्श करत असताना त्याला होणारा आनंद मला झाला होता. एक पाऊल तरी पुढे पडलं होतं. तर हाच माझा स्वल्प यशोत्तर आनंद.

वनवासी पाडयातील प्रेरक कथा या शीर्षकाखाली नीरा गायकवाड ची गोष्ट वर्तमानपत्रात असेल त्या दिवशी आम्ही खऱ्या अर्थी यश मिळवू. आणि तो आनंद परमानंद ठरेल.

शौमिक सतीश रहाटे
प्रथम वर्ष - कला शाखा

मुंबई आणि मी...

पुणे, मला नक्कीच हे नाव घेताना पु. लं. च्या भाषेत अभिमानच नाही तर जाज्वल्य अभिमान वाटतोय. पुणे तिथे काय उणे? ही मराठी ओळ या शहरात राहिलं की तंतोतंत खरी ठरते. ८/५/२००० या दिवशी, पेशवाई इतिहास लाभलेल्या, जगात कोठेही नाही अशी तुळशीबाग असणाऱ्या आणि जगात भारी मिसळ मिळणाऱ्या पुण्यात माझा जन्म झाला. अगदी त्या लाखांमध्ये अजून एका जीवाची भर पडली हे म्हणणे वावगे ठरणार नाही. एखादी व्यक्ति ज्या जागी जन्माला येते तेव्हा, मला असे वाटते की त्या जागेने ठरवलेले असते की त्या व्यक्तिस जागेचा किती वाटा आहे. मग हा कोटा कसलाही असो; संधी स्वप्न, सुख, दुःख इत्यादी.

सामान्यांसारखी माझ्या आयुष्याची १७ वर्षे मी या शहरात घालवली. पण घालवली म्हणणे चुकीचे ठरेल. शहराने बळजबरी केली नाही. तर मी आयुष्याची १७ वर्षे या शहरात बहरले. अभिनव शाळेत शालेय शिक्षण पूर्ण करून, मी सर परशुरामभाऊ महाविद्यालयामध्ये अकरावी व बारावी ही दोन वर्षे कला शाखेत शिकले. आई,

बाबा नेहमी सांगतात की, कला शाखा कलेकलेने घेऊ नकोस. ही शाखा आपण एका विशिष्ट हेतूने निवडली आहे. बारावीत दिल्लीचे लेडी श्रीराम, मुंबईचे संत झेवियर्स महाविद्यालय डोळ्यासमोर ठेवूनच अभ्यास केला. ध्येयाच्या दिशेने वाटचाल हा एकमेव बाणा. निकालानंतर मात्र खरोखरच आता माझे पुणे सोडायचे आणि पंखात बळ एकत्र करून भरारी घ्यायची हा निर्णय घरच्यासाठी आणि माझ्यासाठी तसा अवघडच होता. मग अनेक प्रवेश अर्ज कॉलेजांच्या भेटी आणि पहाण्या करून मुंबईला शिकायला जायचे हा निर्णय पक्का झाला. या निर्णयाने माझे आयुष्य बदलणार हे मला अगदी एखाद्या उघड्या पुस्तकासारखे दिसत होते पण कधी? कसे? हे कोडे आणि रहस्यच होते. अजूनही कदाचित आहे.

मुंबई ही पैसा देते, घर देते पण मला दोन्हीपैकी काहीच नको होते. पुण्यासारखं घरगुती शहर सोडून, लोकांच्या अनंत महासागरात स्वतःला झोकून द्यायचे ही कल्पनाच धडकी भरवणारी होती.

कोणत्याही मुंबईकराप्रमाणे मी देखील लोकलने फिरू लागले. आधी दंड देखील भरला आणि मग फर्स्ट क्लास, सेकंड क्लासचे तंत्र कळले. पुण्यात कधी बस सुध्दा क्वचितच वापरणारी मी लोकलने जाऊ लागले. मुंबई आणि पुणे या दोन शहरांमध्ये मुंबई-पुणे-मुंबई मध्ये दाखवलेले फरक नसून त्याहून अधिक काहीतरी आहे. आईच्या छायेतून आणि पुण्याच्या आपलेपणातून बाहेर पडल्यामुळे मी अधिक स्वावलंबी झाले. नऊ वाजून पंधरा मिनिटे आणि साडेनऊ यामध्ये ९:१७ आणि ९:२३ हेही वाजतात आणि पाच मिनिटे हा उशीर असतो हे इथे आल्यावर गवसले. विरार फास्ट मध्ये लोकलच्या सीटचे दान हे सर्वश्रेष्ठ दान आहे इथे कळले. पण याबरोबर शहर आणि त्याच्या हवेने माझ्यावर जणू जादूच केली आहे. एक ते चारची झोप त्याग करून दिवसभर काम केल्यावर संध्याकाळी उत्साह कसा टिकवायचा हे शिकविले. मला माझ्या क्षमतेपेक्षा जास्त मैल धावण्याची आणि कष्ट करण्याची जिद्द दिली.

माणसाने स्वप्न ही पेडर रोडच्या उंच इमारतीवढी बघावीत हे शहराने सांगितले. स्वप्न पूर्ण करताना साखरझोप घ्यायची नाही हा निश्चय करायला भाग पाडला. पुण्यानीही मला खूप काही शिकविले किंवा

मी म्हणून मुंबई पेलण्याचे सामर्थ्य त्याच शहराने दिले. पण मुंबई हे मला वाटते की स्वप्नांबरोबर अपेक्षांचेही शहर आहे. शहर आपल्याला खूप काही देतं पण आपलं देणं लक्षात घेऊन आपण त्याला

काय देतो हे महत्वाचे नाही का? आणि जागा कोणतीही असो, आपण कसे आणि कोठे घडायचे हे स्वतः उरवायचे असते.

हर्षदा अभ्यंकर

प्रथम वर्ष कला शाखा

पहिली झेप

खरा किस्सा सांगण्याआधी थोडी पार्श्वभूमी देते. वय वर्ष पाच, अक्सा बीचच्या तलावात मी काही विचार न करता उडी मारली होती. उगाच पाण्यात स्वतःचा चेहरा दिसला म्हणून. त्यानंतर मला फारसं काही आठवत नाही. पप्पा माझी पाठ चोळत होता आणि मम्मा पाय. आजी कोपण्यात बसून रडत होती. थोड्यावेळाने मला आईने मला सांगितलं की जवळच्या एका काकांनी मला पाण्यात उडी टाकताना पाहिलं आणि वेळेत वाचवलं. त्यानंतर मी कधी खोल पाण्यात उतरायचं धाडस केलं नाही.

आता काही वर्षे पुढे जाऊयात. २३ ऑक्टोबर, माझी सहामाही परीक्षा नुकतीच पूर्ण झाली होती. आणि मी पुरेशी असमाधानी होते. नुकताच पोहण्याचा क्लास लावला होता, विचार केला सुट्टीची सुरुवात पोहायला जाऊन करावी. परीक्षा असल्यामुळे मी क्लासला बऱ्याचवेळा दांडी मारली होती म्हणून मला अजूनही नीट पोहता येत नव्हते. फ्लोट (हवा भरून कमरेभोवती घालून फुग्यासारखी पाण्यात तरंगण्याची नळी) बांधून लहान मुलांसारखी, त्या विशिष्ट रंगाच्या स्विमिंगच्या कपड्यांमध्ये मला तशीही लाज वाटत होती, त्यात लाल टोपी वगैरे, स्वतःचा पुरेपूर विदूषक करून घेतला होता. पोहण्याची भीती वाटत असली, तरी मला पाण्याची ओढ लहानपणापासूनच होती. पाण्यात उतरल्यावर प्रत्येक वेळेस मनात खूप चलबिचल होत असे. असं वाटतं की माणसाला ढगातून चालता नसलं येत तर काय झालं, पाण्यावर तरंगता येतं, तो आनंद ढगांवर चालण्याच्या अपेक्षेपेक्षा खूप दिलासा देणारा वाटतो.

पण पोहण्याच्या क्लास म्हटला की आरडाओरडा, ढकलाढकल हे सगळं आलं. शिकण्याची इच्छा कितीही दृढ असली तरी हिम्मत व मनाची तयारी करायला थोडा वेळ लागतोच. त्यादिवशी पोहोताना माझ्या पोहण्याच्या सरांनी मला बाहेर यायला सांगितलं आणि फ्लोट काढायला सांगितला. माझ्या बहिणीने एकदाही क्लासला सुट्टी न घेतल्यामुळे ती बऱ्यापैकी पोहायला शिकली होती. मी पाण्यात फ्लोटशिवाय उतरताना पाहून तिला खूप आनंद झाला पण माझ्या मनात काय चाललं होतं ते माझं मलाच माहित. पहिल्यांदा मी सरांना अजून थोडा सराव करून येते हा बहाणा सांगितला, पण सरांना

अशा बहाण्यांचा जास्त सराव असावा, म्हणून त्यांनी मला "शिस्तीत बाहेर ये" असं अत्यंत गोड शब्दात सांगितलं. मी कशीबशी बाहेर आले आणि त्यांच्याजवळ गेले. त्यांनी मला १३ फूट पाण्यात चक्क उडी मारायला सांगितली. म्हणजे उतरणे वगैरे बाजूला राहिले, थेट उडीच मारण्याचा आदेश म्हणजे मला माझ्या पाया खालची जमीनच सरकल्याचा भास झाला.

माझ्या तोंडावर वाजलेले बारा कोणालाही दिसले असते, सरांचा त्याला अपवाद नव्हता. त्यांनी मला ढकलण्याआधी मीच थोडी तयारी करून मारली उडी, फार फार तर काय, बुडून मेले असते, त्याची भीती वाटली नाही, अचानक मोकळं वाटलं असेच सगळं मनात चालू असताना मी उडी मारली आणि श्वासाचं नियोजन करायला विसरले. नाका तोंडात पाणी गेलेलं पाहून, माझी बहीण पटकन मला सावरायला आली, तेवढ्यात सरांचा आवाज आला, "सई, तिला एकटीला पोहू दे, तिला हातही लावू नको." हे ऐकून माझी निराशा अधिकच वाढली पण बहुतेक सरांची तीच इच्छा असावी. कारण त्यानंतर मी नव्या जिद्दीने पोहू लागले. पहिल्या फेरीच्या (lap) अर्ध्याच अंतरामध्ये मला धापा लागू लागल्या. माझी तग धरण्याची क्षमता किती कमी झाली आहे. ह्याची नको तिथे, तेव्हा जाणीव झाली. बस, अजून काय हवं असते नकारात्मक विचारांचं वर्तुळ सुरू होण्याआधी? २५ मीटर अंतरावर आले आणि अचानक माझ्या डोळ्यांसमोर अर्थशास्त्राच्या पेपरची पुरवणी उभी राहिली. प्रश्नपत्रिकेत ८० टक्के उत्तरे येत असून, एका तासानंतर, एक गणित चुकल्यामुळे, वेळ निघत असल्यामुळे आणि कोणास ठाऊक का, मनाचा आत्मविश्वास कमी झाल्यामुळे मी पेपर नीट नाही लिहू शकले, ही त्याहून वाईट गोष्ट. मला पेपर बदल वाईट वाटत असलं तरी डोळ्यातून एक थेंब पडत नव्हता. मला गुदमरल्यासारखे वाटत होतं. अगदी त्याक्षणी पाण्यात असताना वाटत होतं तसं.

मी हात पाय मारू लागले आणि जलतरण तलावाच्या बाजूला पकडून श्वास घेण्याचा प्रयत्न करू लागले. सर हे सगळं पाहत होते पण अजिबात मदतीला आले नाहीत. स्वतः आले नाहीच, पण इतरांनाही येऊ दिले नाही. मी तलावाची बाजू सोडली आणि

उरलेले अंतर व्यवस्थित पोहून पार केले. परत मागे वळून, ५० मीटरचे ते अंतर क्षणार्धात बघितलं व शेवटपर्यंत न थांबता पोहायचे इतकेच ध्येय मनी बाळगून, पश्चिमेकडे मान वळवून पहिला हात मारला तो थांबला पूर्ण अंतर संपल्यावर. इतकं अंतर पहिल्यांदाच कसं पूर्ण केलं ह्याचं मलासुध्दा तितकच आश्चर्य होतं जितकं सईच्या डोळ्यात दिसत होत. पण बाहेर आल्यावर जेव्हा एका बाजूस शांतपणे उभी राहिले तेव्हा लक्षात आले की माझ्या पेपर नंतर मला मनातल्या मनात वाईट जरी वाटलं असलं तरी ते मी नेहमीसारखं कोणाशीतरी बोलून, रडून, काहीतरी लिहून, संपवलं नव्हतं. ते तसेच्या तसे दूर कुठेतरी मेंदूच्या पृष्ठभागात डांबून ठेवलं होतं आणि मला त्याची जाणीवही नव्हती. पाण्यामध्ये उडी मारल्यावर, मन माझे खूप चलबिचल झाले. त्या काही क्षणामध्येसुध्दा मन माझे खूप काही शोधण्याचा प्रयत्न करत होते. तितकीच संवेदनशील असताना हे सगळे अचानक आदळून कोसळले.

ती एक झेप घेतल्यामुळे, एक घेर व्यवस्थित पूर्ण केल्यामुळे आणि माझ्या आयुष्यातल्या एका पूर्णपणे वेगळ्या, अतिशय किरकोळ भागाला पूर्णविराम मिळाल्यामुळे मला जो आनंद झाला तो केवळ आनंद नसून, मला स्वतःला ओळखण्याचं एक साधन होतं. जरी ही जाणीव मला २-३ दिवसानंतर झाली असली, तरी हा अनुभव आणि छोट्याशा यशातून झालेला आनंद आपल्याबरोबर सामायिक करण्याचा इतकाच उद्देश आहे की वाचकांना कुठेतरी हे उमगावे की कधी कधी, स्वतः सोबत वेळ घालवणं, स्वतःच्या भावनांना समजून घेणं हे त्याचं महत्त्व समजल्यावरच शक्य असते, अशातला भाग नाही, थोडासा एकांत वाटेला आला की स्वतःशी संवाद साधला जाऊ शकतो आणि त्याचा आपल्याला मानसिकरीत्या नक्कीच उपयोग होतो. आपल्यापेक्षा जास्त आपल्याला ओळखणारी माणसं खूप कमी असतात आणि तशा माणसांच्या शोधात वेळ घालवण्यापेक्षा, स्वतःच स्वतःला नीट ओळखून घेणं हे कधीही सोयीचं.

क्षिती शोभा विकास

(द्वितीय वर्ष, कला शाखा)

डॉंबिवली-सीएसएमटी-डॉंबिवली

सकाळी ८ ची वेळ. पावसातून वाट काढत रेल्वे स्थानकावर पोहचून तिकीट काढले. प्रवास सुरु करण्यासाठी पुलावर चढताच दररोजप्रमाणे सकाळची आणि त्यातही डॉंबिवलीची गर्दी मी पुन्हा नव्याने अनुभवत होते. प्लॅटफॉर्म क्रमांक ३ वर आलेल्या गाडीमध्ये चढण्यासाठी लोकांनी केलेली घाई आणि त्यातून शांतपणे रस्ता काढणारी मी हे समीकरण वेगळेच होते. कारण एवढेच की तेव्हा मला गाडी पकडण्यापेक्षा स्वतःला सावरणे गरजेचे होते. हातातील छत्री, नुकतेच काढलेले जपून ठेवायचे तिकीट आणि ओले झालेले दप्तर व कपडे सांभाळताना माझी त्रेधातिरपीट उडाली होती. माझी आवाराआवर आटपायला आणि पुढील गाडी यायला एकच वेळ झाली. पूर्ण तयारीनिशी गर्दीतून गाडीत चढले आणि समाधानाचा निःश्वास सोडला.

थोड्या वेळाने मला खिडकीची जागा मिळाली. खिडकीतून येणारा गार वारा आणि पावसाने बहरलेला हिरवागार निसर्ग यांनी तर मला कधीच दुसऱ्या विश्वात पोहचवले होते. तिथे होते फक्त मी आणि नीरव शांतता. अचानक बाजूने गेलेल्या ट्रेनमुळे शांततेत भंग पडला आणि मनात विचारांचा कल्लोळ माजला. क्षणात रेल्वेच्या साऱ्या आठवणी ताज्या झाल्या. एकदा दादर स्थानकावरील गर्दी पाहून पुन्हा तिथे न जाण्याची बालवयात घेतलेली प्रतिज्ञा ते तेवढ्याच गजबजलेल्या डॉंबिवलीतील फलाटांवर ट्रेनसाठी उभे राहणे सारे काही आठवले.

घरापासून १५ मिनिटांवर असलेल्या शाळेची १० वर्षे पूर्ण झाल्यावर, पुढील शिक्षणासाठी दीड तासाचा ट्रेनचा पास करून महाविद्यालयात जाण्याचा निर्णय माझाच होता. पुढे आयुष्यात खूप बदल होणार होते. त्यांना सामोरे जाण्यास मी सज्ज झाले आणि त्याची सुरुवात ट्रेनच्या प्रवासाने झाली. ट्रेनच्या प्रवासाने मला खूप काही शिकवले. शिकता शिकता सर्व गोष्टी कधी सोप्या आणि सहज झाल्या ते समजलेच नाही.

घनदाट जंगलाने वेढलेल्या सीमरीपच्या विमानतळावर मी पाऊल ठेवले. समोर उभ्या असलेल्या अप्सरा मला एका हरवलेल्या संस्कृतीची आठवण करून देत होत्या. कंबोडिया अथवा पुराणकालीन कंबोज हे एक नावाजलेले साम्राज्य होते। नवव्या ते तेराव्या शतकात ख्मेरानी इथे राज्य केले.

संस्कृत आणि पाली भाषेतील शीलालेख इथे आढळून येतात. तांदळाचे उत्पादन, देवालय, शिल्पे

एकदा गाडीत शिरलो की काही काळापुरते राहणार असलेल्या या नव्या विश्वात आपण फक्त आपलेच असतो. तिथे सर्वकाही वेगळे असते. त्यात आपल्याला अस्तित्व निर्माण करावे लागते; फक्त आपल्यासाठी! लहानपणी गोंडसपणामुळे सहज मिळणारी खिडकी आणि आता हिरवीगार सृष्टी बघण्यासाठी खिडकीची स्पेशल जागा मिळवताना होणारी धडपड यातील तफावत लगेच लक्षात येते. इथे आपल्याला सर्वात आधी धडा मिळतो तो म्हणजे स्वावलंबी होण्याचा; स्वतःसाठी उभे राहण्याचा. आयुष्यात पुढे या गोष्टीचा आपल्याला खूप उपयोग होणार असतो. फुलपाखराप्रमाणे संरक्षित कोषातून बाहेर पडून स्पर्धात्मक जगामध्ये वावरण्याची ही सुरवात असते आणि आपल्या जडणघडणीत तिथे योगदान मोलाचे ठरते.

आयुष्य ही एक सदैव तरंगणारी नौका असते. तिचे नावाडी आपण असतो. ज्याप्रमाणे तरंगणारी नौका आपला एकाकीपणा दूर करण्यासाठी बेटाच्या शोधात असते; त्याप्रमाणे आपणही अशाच बेटाच्या शोधात असतो, तो म्हणजे आपला समाज जो आपल्याला आपल्या नजरेने न्याहाळायचा असतो. ट्रेनच्या प्रवासात आपण समाजाचा जवळून अनुभव घेत असतो. ही जागा विविध गोष्टींनी भरलेली असते. मनुष्यजीवनातील विविध पैलू इथे दिसून येतात. नवीन असताना आपुलकी दाखवणाऱ्या तार्ईपासून थोड्याश्या धक्क्यामुळे रागावणाऱ्या काकूपर्यंत सारेच भेटतात आणि रोज अनुभवाचा नवा धडा देऊन जातात ते समजतही नाही. त्यांनी आपल्याबरोबर वाटलेला खाऊ खाताना आपसूकच शाळेच्या मधल्या सुट्टीची आठवण येते. नवीन माणसांमुळे आपल्या अनुभवाची शिदोरी विस्तारत जाते.

आपले दप्तर सामानाच्या जागेवर ठेवण्यासाठी केलेली विनवणी ते जागा असतानाही दप्तर न ठेवल्याने होणारा वाद अशा सर्व गोष्टी आपण

अनुभवतो. चूक नसताना वाद झाला की आपल्या बाजूने बोलणाऱ्या काकू आपुलकीची ऊब देतात. एखाद्या वेळी अचानक टीसी आल्यावर लोकांचा उडणारा गोंधळ कायम नियमांचे पालन करण्याची आठवण करून देतो. रोजच्या जाण्यायेण्याने ट्रेन आपले नवे घर घर बनून जाते. कॉलेजमधील बहुतांश ओळखी ट्रेनमुळेच होतात. म्हणूनच एखाद्यावेळी हा प्रवास नाही केला तर चुकल्याचुकल्यासारखे होते. पावसात अडकलेली रेल्वे भीती व तणाव दोन्हींचा अनुभव देते. हे किस्से आई-बाबांना सांगताना त्यांच्या चेहऱ्यावरील भाव अपत्याची काळजी व अभिमान दर्शवतात.

एका गोष्टीची आवर्जून नोंद करावी ती म्हणजे येथे कुठल्याच प्रकारे भेदभाव केला जात नाही. अमूकअमूक जात आणि अमूकअमूक भाषा म्हणून आपल्याला इथे भेद कधीच दिसून येणार नाही. उलट दोन मिनिटांसाठी का होईना पाठ टेकवायला जागा मिळते. संकटाच्या वेळी धीर देणारी आपुलकीची माणसे मिळतात. अशावेळी एकात्मता दिसते. एकाच स्थानकावर उतरताना आपल्या सहप्रवाशांना एकत्र घेऊन जाताना सहकार्य व इतरांना आपल्याबरोबर घेऊन जाण्याची भावना दिसते. फर्स्ट आणि सेकंड क्लास असा वेगळेपणा असलला तरी मूळ हेतू एकच असतो.... आजच्या स्पर्धात्मक जगात आपली जागा निर्माण करणे व यशस्वी जीवन जगणे.

डॉंबिवली-सीएसएमटी-डॉंबिवली या प्रवासाने मला खूप काही शिकवले. स्वावलंबन, दक्षता, जगण्याची नवी उमेद... कितीही लिहिले तरी ही यादी पूर्ण होणार नाही. माणूस जीवनाच्या प्रत्येक टप्प्यात शिकतो, असे म्हणतात ते काही उगीच नाही.

आपल्या विचारात गुंग असतानाच बाजूने आप किधर हो? असा आवाज आला. त्याला उत्तर म्हणून लास्ट असे सांगून मी सज्ज झाले आणि नवीन अनुभव घेण्यासाठी!

हरवलेले कंबोज

आणि जलसंस्कृतीसाठी कंबोज हे प्रसिद्ध होते. भारतामधील पल्लव आणि चालुक्य या संस्कृतींचा प्रभाव आपल्याला दिसून येतो. युनेस्को हेरिटेज साईट म्हणून जगप्रसिद्ध असलेली ही जंगलात दडलेली देऊळे पाहून मन हरखून गेले. अंकोर वॉट आणि अंकोर शोम येथील शिलाकृती पाहून भारतीय संस्कृतीचा किती मोठा पगडा या देशावर पडला होता हे दिसून येते. शॅन, वैष्णव आणि बौद्ध धर्मांचा विस्तार या देशात झाला. व्यापाराच्या निमित्ताने अनेक व्यापारी या देशात स्थायिक झाले. चोळ,

पल्लव या राजपुत्रांनी इथली भूमी काबीज करून राज्यस्थापना केली. कालांतराने ख्मेर राज्याने कंबोज वर आपला ठसा उमटवला. भारतीय नावे असलेले असंख्य राजे, महाराजे आपल्याला येथे दिसून येतात. उहाहरणार्थ जयवर्मन, भाववर्मन, इशानवर्मन इत्यादी विदेशी असलेल्या भारतीय नागरिकाला नेहमीच आपल्या संस्कृती बाबत आपुलकी अथवा जवळीक असते. हीच बाब मला इथे मंदिरे पाहताना प्रकर्षाने जाणवली. मंदिरांचा समूह मला ऐहोळे, पट्टडकाल, बदामी आणि

महाबलीपुरम या शहरांची आठवण करून देत होता. बायॉन येथील मंदीराजवळ असलेल्या शिखरांवरील चतुर्मुखात मला घारापुरी येथील महेश शिल्पाची झालर दिसली. समुद्र मंथन अथवा गणेशाची लोकप्रियता मला सर्वत्र आढळली. थेरवादीन बौध्द धर्म इथे नंतर लोकप्रिय झाला.

कंबोजची संस्कृती ही जलसंस्कृती असून नद्यांना येणाऱ्या पुरांमुळे लोकांनी त्यांची घरं लाकडाची बांधली. ढाली अथवा त्यांना टेकू देऊन ती उभारली आहेत. छप्पर हे सुक्या गवताचे अथवा ताडपत्रीचे असते. नद्या किंवा कालव्यातून प्रवास होडीने करायला लागतो. मधूनच पाण्यातून सापाचे दर्शन घेताना दातखीळच बसत होती. शिवाय मगरीही अधून-मधून अपले दर्शन देत होत्या. मी आशिया खंडातल्या व्हेनिस या शहरातून फिरत आहे असा गोड गैरसमज करून घेतला. चिनी टोपी घातलेले, होडीतून जाणारे फुलवाले, भाजीवाले, फळवाले दिसत होते. या सर्वांच्या डोळ्यात आपुलकी आणि निरागस प्रेम दडलेले होते. परंतु गरीबीची झालर प्रकर्षाने आढळली. इथल्या खाद्य पदार्थांच्या

विक्रीमध्ये साप, झुरळ, विंचू, किडे, मगरी यांचाही समावेश होता. मद्याबरोबर याचा आपण चकणा म्हणून उपयोग करू शकतो. मसाला लावून तळलेली कुरकुरीत झुरळे मला भुरळ पाडत होती.

आपण कंबोजचा इतिहास शाळेत का शिकवत नाही? अर्थात त्याच्या प्राचीन इतिहासाचा समावेश आम्ही केला आहे. परंतु त्यांच्या किलींग फील्डग बघताना मन विष्णण झाले. चार अब्ज कंबोजीयन नागरीकांची पोल पॉट या मार्क्सवादी पंतप्रधानांनी १९७६-१९७९ च्या दरम्यान अत्यंत क्रूररीत्या हत्या केली. त्यांची साक्ष येथील हजारो कवट्या, हाडे, सांगाडे देत होती. दुसऱ्या महायुद्धात हिटलर नंतर आशिया खंडातील या क्रूरात्म्याला कुठलाही देश रोखू शकला नाही. असा प्रश्न नक्कीच पडतो. या देशातील हलाखीची परिस्थिती पाहून भारताची परिस्थिती किती चांगली आहे याची मला जाणीव झाली. स्वतःला सावरताना इतिहासाची साक्ष देणाऱ्या मंदिरांना जंगलातील झाडांनी वेढले आणि ही मंदिरे त्यांच्या विळख्यात लुप्त झाली.

जंगलातील या मंदिरातून मी एकटीच फिरत होते. जवळचे पाणीही संपले होते. जंगलातून बाहेर पडल्यावर शंभर रुपयाचे नारळ पाणी मला अमृतासमान वाटले. एका छोट्याशा बेटावर असलेल्या अनाथ मुलांना तांदुळाची गोणी देऊन मी कंबोज मधून प्रयाण केले.

अत्याचार, लाचारी, हलाखीशी झुंज देऊन हा देश टुरिझमच्या आधारे राखेतून जिवंत झालेल्या फिनिक्स पक्ष्यासारखा मला वाटत होता. एका बाजूला श्रीमंत शिल्पसंस्कृती सर्वांना या देशात आमंत्रण देत होती.

घरातील जेवणाच्या थाळीतून मी घास घेता घेता सर्वांना माझे अनुभव सांगत होते. समोरच्या भिंतीवरील झुरळ मला पाहून डोळे मिचकावत असल्याचा भास मला झाला.

डॉ. अनिता राणे कोठारे

विभाग प्रमुख - प्राचीन भारतीय इतिहास आणि पुरातत्व विभाग



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ANCIENT INDIAN HISTORY, CULTURE AND ARCHAEOLOGY



In the year 2018-19, the department conducted various activities to enrich the students' learning quotient. The department organized educational activities in collaboration with the Chhatrapati Shivaji Maharaj Vastu Sangrahalaya (formerly known as the Prince of Wales Museum) that helped in the internship opportunities for all the 5 undergraduate and postgraduate batches. Our field activities as well as in-house activities explored the many facets of our cultural heritage in the realms of heritage management, tourism, museology and archaeology. These activities would not have been possible without the collaboration of the Museum Society of Mumbai (MSM), formerly known as the Museum Society of Bombay, the Chhatrapati Shivaji Maharaj Vastu Sangrahalaya (CSMVS), the Consulate General and Promotion Centre of the Argentine Republic in Mumbai, Consulate General of Brazil in Mumbai, the Archaeological Survey of India and our college.

The year 2018 began with the department collaborating with the Consulate General of Brazil in Mumbai holding the annual Brazilian Film Week from 23rd –28th July 2018 which was attended by a large number of people. Along with this a three month course on Brazilian Portuguese was launched for our students. A short term course on 'Perspectives on Indian Polity with special reference to Kautilya's Arthashastra', in collaboration with Anantacharya Indological Research Institute was held in the first week

of August for the Under-graduate and Post- Graduate students of the college. Between 8th-11th August 2018, six Paramparik Skill building workshops were held in collaboration with the Museum Society of Mumbai. The students were taught the skills of Miniature Painting, Pattachitra, Palm Leaf Etching, Tie and Dye, etc by national award-winning artisans from across the country. The annual Eco friendly Ganesha activity was conducted in collaboration with the SSL and the Museum Society of Mumbai for children from various NGOs on 9th September at CSMVS. It consisted of a lecture by Dr. Kothare assisted by Mr. Jason Johns and a clay modelling session for the children. On the 18th of September 2018 Prof. Em Walter M. Spink delivered a lecture on Ajanta at CSMVS. From the 20th-23rd of September, the students of the Masters Programme from the department attended the Ajanta- Ellora Site Seminar. The highlight of this seminar were the on-site lectures delivered by Prof. Em. Walter M. Spink, an authority on the site of Ajanta. Inputs were given by Dr. Anita Rane- Kothare (HOD); Dr. Shreekant Jadhav, Deccan College Pune; Dr. Saryu Doshi, Art Historian; Dr. Usha Bhatia, Art Historian and Mr. Jason Johns, visiting faculty which enriched the overall experience of the students.

During the Diwali vacation, the department organised a one-week cultural tour to Tamil Nadu to explore the sites of Mahabalipuram, Vellore

and Kanchipuram. The department conducted a 5-day intensive course in Modi Script from 10th to 14th December 2018 in collaboration with Vidhyarthi Utkarsh Mandal, Modi Lipi Prashikshan Kendra and was well attended. Mr. Jason Johns accompanied the F.Y.J.C students with Mr. H. Naqvi, (History) Junior College and gave interactive on-site lectures from 27th -30th December at the sites of Lothal, Rani- Ki-Vav and Modhera temple in the state of Gujarat. Mr. Jason Johns accompanied visiting exchange students and their professors from Belgium, St. Xavier's College Kathmandu and The Dept. of B. Voc. Tourism, Jai Hind College to Elephanta Caves and gave an interactive lecture on the site.. From the 6th to the 11th of January 2019 the department organised a QEP programme conducted by Dr. Kothare on Ancient Board Games which was well received. The annual departmental festival Vividha 2019 was organised on the theme "Paschim : the West" on 12th and 13th January 2019 in the woods. The festival- exhibition was inaugurated by Dr. Pheroza J. Godrej, Chairperson, Museum Society of Mumbai, after which the departmental magazine "RCA" on the same theme was released. On 28th of January Mr. Jason Johns took a field trip to Kanheri Caves with the F.Y.B.A and M.A students to explore the multiple facets of Buddhist Cave Architecture. Mr. Jason Johns was invited by Jai Hind College (Certificate on Indian Culture Programme) to give on site lectures at the Kanheri caves and the Bhau Daji Lad Museum for a group of 30 students. On behalf of the Dept. of B. Voc (Tourism) Mr. Jason Johns was invited to deliver an on-site lecture at the Kondane caves in the month of February 2019.

Staff Engagements:

Dr. Anita Rane- Kothare :

- Was invited to deliver guest lectures at Chhatrapati Shivaji Maharaj Vastu Sangrahalaya on Heritage Laws and Antiquarian Acts, H.R College on Indian Culture and Art at S.N.D.T College Matunga on Museology, J.J. School of Art for a lecture on Temple Architecture,

Epic Channel etc. Conducted heritage walks for Hindustan Times and was covered by the press

- Re-elected as the Vice- Chairperson of the Museum Society of Mumbai for the period 2018-21
- Presented a paper at the International Conference on Art and Architectural Traditions of India and Iran: Commonality and Diversity, which was held from 5 to 7 December 2018, at the Conference Room India Arab Culture Centre, Jamia Millia Islamia, New Delhi.
- Wrote joint paper with Mr. Saju George titled “ Study of Museum Visitors at Four Museums in Mumbai during off Season” was published in Xplore : The Xavier’s Research Journal, Vol 9, Issue 1, December 2018, ISSN 2249-1878.
- Presided as Chairperson of a session at the Seminar on “The Forts Of Maharashtra” held on 16 and 17 February 2019 at the Cama Oriental Research Institute.
- Was invited by the Consul General of United States of America to deliver a lecture at Elephanta Caves in March 2019
- Thereafter she was invited by the ambassador of the United States

of America to Aurangabad where she delivered on-site lectures at Ellora Caves, Daulatabad Fort and Ajanta Caves. She was honoured with the “US Mission India Ambassador’s Coin Medal” for the same.

- She gave a lecture on the history of St. Xavier’s College for the wives of the Consul Generals posted in Mumbai.

Dr. Radha Kumar:

- Dr. Radha Kumar gave an enlightening talk on “Prakriti, Rina and Rta in Indian Culture : Constructing its impact” for the SPC students on Saturday, 8th September 2018 in the College Hall.
- Was invited as a Resource person to deliver a lecture at the Executive training programme of the Stockholm School of Economics’ delegates.
- Resource person for Television Series: Epic channel. Episode 1- Auspicious Beginning and Episode 6- Shringar

Mr. Jason Johns:

- Mr. Jason Johns received the First Annual Dr. Devangana Desai Junior Research Endowment for the Year 2018-19

- Re-elected as the Jt. Honorary Secretary of the Museum Society of Mumbai for the period 2018-21
- His paper titled “Ornamentations Around the Symbol of the Cross” was published in Xplore : The Xavier’s Research Journal, Vol 9, Issue 1, December 2018, ISSN 2249-1878.
- Invited to J.J School of Architecture as a part of the Built Heritage Studies in Conservation Course to deliver a lecture on “Intangible Heritage in Built Structures” in February 2019.
- Presented a paper jointly with Ms. Priyanka Suryaneni, Ms. Harshali Pagare and Ms. Nisha Rana on “the Sewri and Worli Forts” at the Seminar on “The Forts Of Maharashtra” held on 16 and 17 February 2019 at the Cama Oriental Research Institute.
- Moderator of papers for the Department of History at Jai Hind College (Autonomous), Mumbai.

Dr. Anita Rane- Kothare,
*Head Dept. of Ancient Indian History,
Culture and Archaeology.*

BIOTECHNOLOGY

“The highest education is that which does not merely give us information but makes our life in harmony with all existence”.

-Rabindranath Tagore

The PG Department of Biotechnology strove throughout the year to motivate students and maintain a conducive environment to empower their understanding and critical thinking ability through various challenging activities.

Department Activities

Workshops Conducted:

- Workshop for the module “DNA Analysis in Laboratory and Role of Computers in DNA analysis” at the

UGC sponsored Diploma Course on Conservation and Preservation of Material Culture, organized by the Heras Institute of Indian History and Culture, St. Xavier’s College (Autonomous), Mumbai (18th July and 1st August 2018)

- Training of Trainers’ workshop on Foldscope in association with The YSS Lab and Dr. Praveen Rahi’s Lab at the National Center for Microbial Resources, Pune, India conducted on 1st September 2018
- Faculty Workshop on Integrating Applied Bioinformatics in Undergraduate Life Science Education conducted by St. Xavier’s College in collaboration with

Homi Bhabha Center for Science Education, TIFR, partly sponsored by DBT-STAR scheme held from 27th -29th September 2018.

- 3 days Hands-on Workshop on Animal Tissue Culture Techniques for UG Life Sciences Students in collaboration with KC College under the DBT Star College Scheme held from 29th January to 31st January 2019.
- University level student Workshop on “Essentials of Academic Writing” in Collaboration with Cactus Communications, Mumbai for PG-I- Biosciences students held on 6th February 2019.

Seminars Organized:

- Faculty seminar on “Inculcating a culture of Pedagogic Research Informed Teaching Practice” in collaboration with IQAC, St. Xavier’s College on 20th February 2019
- Seminar on ‘Career opportunities in scholarly publication industry’ for PG Biosciences students conducted by Mr. Nikhil Thangiah, Manager, Crimson Interactive Services (alumnus-2012-14) on 20th October 2018.
- An Interactive session on ‘Microbial Genomics: A Bioinformatics Perspective’ with Dr. Ashwin Sai Narain Seshasayee, NCBS-TIFR, Bangalore on 28th September 2018.

Industrial Visit:

- o An industrial visit to Pune – Mahabaleshwar was organized by the PG Dept. of Biotechnology, St. Xavier’s College (Autonomous), Mumbai for the students of M. Sc. part I and M. Sc. part II from 22nd to 24th November 2018. The students were accompanied by two faculty members (Ms. Norine D’souza and Dr. Ira Vashisht). The following institutes were included in the visit:
 1. National Chemical Laboratory, Pune
 2. Katraj Dairy, Pune
 3. Mapro foods, Mahabaleshwar
 4. Kisanveer Sugar Industry, Wai

Palindrome Magazine:

Palindrome Magazine is an annual publication by the Post Graduate Department of Biotechnology. The 8th issue of the magazine, published in February 2019, revolved around the concept of empowering change in the society while bridging the gaps in communication. It is an effort made by students of the Biotechnology department to put forth their own views and shed light on the yin and yang of progress. Palindrome 2018 highlighted the current trend in biotechnology and allied industries along with a few insights in the unexplored subjects in the offbeat section.

Research Activities of the Staff:

Ms. Norine D’Souza and Dr. Shiney Peter presented a paper titled “Amalgamation of Computational Tools with Bioscience Teaching: Adaptive Blended Learning Approach” at the “International Conference on Present-day Biology: A Bastion for Social and Sustainable Development” on January 4th-5th 2019.

Poster Presentation:

- a. “Sequestration of synthetic dyes in water using biosorbent – A Step towards Sustainable Development” at the “International Conference on Present-day Biology: A Bastion for Social and Sustainable Development” on January 4th-5th 2019.

Berness Falcao, Pragnesh Parmar, Akhila M. Nair, Lizelle Fernandes, Sarah Barretto, Shavin Fernandes, Clarice Bhattacharya, Stinita D’souza and Norine D’Souza*

- b. “Effect of nutritional stress on the production of polyhydroxybutyrate” at the International Conference on Present-day Biology: A Bastion for Social and Sustainable Development on January 4th-5th 2019.

Haifa Parkar, Subhasini Singh, Vishakha Sakhareriya, Mystica Jacob, Rutuja Chalke, Vedanshi Dharnidharka, Aswini Anbazhagan, and Norine D’Souza*

- c. ‘Study of degradability of commercially available bioplastic’ at “International Conference on Material and Environmental Science” held on 7th and 8th December at Shivaji University, Kolhapur.

Mystica Jacob, Subhasini Singh, Vishakha Sakhareriya, Haifa Parkar, Rutuja Chalke, Vedanshi Dharnidharka, Aswini Anbazhagan, and Norine D’Souza*

- d. ‘Biosorbent for sequestration of synthetic dyes’ at “International Conference on Material and Environmental Science” held on 7th and 8th December at Shivaji University, Kolhapur.

Akhila M. Nair, Lizelle Fernandes, Berness Falcao, Sarah Barretto, Shavin Fernandes, Pragnesh Parmar, Clarice Bhattacharya, Stinita D’souza and Norine D’Souza*

- e. Analyzing effect of point mutations in electrostatic loop and its impact on amyotrophic lateral sclerosis using *insilico* tools’ at 31st Research Scholars Meet, organized by Indian Chemical Society in association with School of Chemical Sciences, UM-DAE CEBS, Mumbai, held from 8-9th February 2019.

Haifa Parkar, Rutuja Yelmar, Rutuja Chalke and Norine D’Souza*

- o ‘Utilization of Oil-Based Waste for Biosurfactant Production’
- o at “International Conference on Material and Environmental Science” held on 7th and 8th December at Shivaji University, Kolhapur.

Conceetha Sequeira, Sharline Johnson, Tejas Suryawanshi, Gunjan Dutt, Berin Babu, Pency Martina, Rutuja Yelmar, Tarana Anand and Dr. Shiney Peter*

- o ‘Valorization of vegetable waste for development of alternative bacteriological media’ at the “International Conference: Present Day Biology: A Bastion for Social and Sustainable Development”, held at St. Xavier’s College, Ahmedabad, Gujarat on January 04 - 05, 2019.

Ashika Singh, Shalini Roy Chowdhury, Ruqayya Manasawala, Mayuri Goriwale, Shiza Sarguroh, Bhumika Waghela, Supriya Garle & Ira Vashisht*

Conference Chairperson and Judge:

- o Dr. Karuna Gokarn chaired a session on Translational Research in Cancer and attended the conference on “Precision Medicine is closer than you think” held at ACTREC, Navi Mumbai in January 2019.
- o Dr. Karuna Gokarn was appointed as a member of the scientific Board

for the International Science Conference on “From Health to Well Being: An Interdisciplinary Approach from Fundamental Sciences to Translational Medicine” held in January 2019 and judged the oral presentation competition at St. Xavier’s College, Mumbai.

➤ **Student Research Projects:**

- o In the third semester, students completed group projects (in the department) on various aspects of biotechnology guided by the faculty. Listed below are a few project topics:

Under the guidance of Ms. Norine D’Souza

- o Biosorbents for sequestration of synthetic dyes and metals- An ecofriendly approach
- o Effect of nutritional stress on production of Polyhydroxybutyrate
- o *In silico* Projects:
 - α-Synuclein misfolding in Parkinson’s Disease: Protein Assessment and Evolution
 - Analysis of Protein Misfolding Diseases- Creutzfeldt-Jakob Disease and Huntington’s Disease
 - Laminin and Muscular Dystrophy - busting some myths
 - Bacteriophage as Treatment Against Antibiotic Resistant Infections
 - Bioinformatic Analysis of proteins involved in age Related disorders
 - Study of Gene & Proteins - Causing Huntington’s Disease & Hunting for Treatment Options
 - Decrypting NIPAH Virus Using Computational Tools
 - Use of bioinformatic tools to study mutations in human sod1 sequence involved in familial amyotrophic lateral sclerosis (fALS)
 - A closer look into the genetic aspects of multiple sclerosis

Under the guidance of Dr. Shiney Peter

- o Utilization of oil-based waste for biosurfactant production

- o Cytotoxicity study of Annonamuricata: An *in vitro* combinatorial approach
- o Cytotoxicity assessment of synthetic fabric leachates – An *in vitro* study
- o Protective Potential of *Tamarindusindica* seeds and *Buteamonosperma* leaves on cell lines.
- o *In vitro* cytotoxic effect of Calotropis species extracts on human A549 and HEK 293 cell lines

Under the guidance of Dr. Ira Vashisht

- o Valorization of domestic organic waste- A step towards environment sustainability
- Semester IV students completed external projects over four months (Dec-Apr) at IIT Mumbai, ACTREC, TIFR, BARC, CIFE, NIRRH, RGCB- Trivandrum, NCBS and DAE-CBS.

Under the guidance of Dr. Karuna Gokarn

- o A four-month (July to October 2018) project titled “Extraction and Bioactivity Based Studies of Pomegranate Seed Oil” was completed by an M.Sc –II student in the PGDBT, St. Xavier’s College.
- o A one-month internship (1st March to 31st March 2019) on ‘Cloning of siderophore genes’ was completed by a TYBSc Biotechnology student from Amity University, Noida.

➤ **Research Guidance:**

- Dr. Karuna Gokarn was appointed as an Honorary Consultant – Research Scientist in the department of Microbiology at Sir HN Medical Research Centre (Sir HNHRC) and at Sir HN Medical Research Society (Sir HNMRS).
- Dr. Karuna Gokarn received recognition as a Ph.D. guide in Microbiology at Sir HNHRC from the University of Mumbai in April 2019.

➤ **Research Grant awarded in 2018-2019:**

- Dr. Karuna Gokarn received minor research grant of Rs. 35,000/- from the University of Mumbai for the project titled ‘Repurposing of the over-the-counter drugs as antibacterial and anticancer agents’.

➤ **Student participation in seminars/workshops/conferences:**

- o “Advances in Biomedicine”, One day lecture series organized by Indian Women Scientist’s Association (IWSA), Vashi and Caius Research Laboratory, St. Xavier’s College (Autonomous), Mumbai on 14th July 2018
- o Lecture on IPR and Career opportunities conducted by Department of Microbiology on 7th July 2018.
- Training of Trainers workshop on Foldscope in association with The YSS Lab and Dr. Praveen Rahi’s Lab at the National Center for Microbial Resources, Pune, India conducted on 1st September 2018
- o Seminar on ‘Career Opportunities in Scholarly Publication Industry’ for PG Biosciences students conducted by Mr. Nikhil Thangiah, Manager, Crimson Interactive Services (alumnus-2012-14) on 20th October 2018.
- o Self Defense Workshop conducted by Mr. Elroy and organized by WDC, St. Xavier’s College on 12th February 2019.
- o One-day workshop on Flow Cytometry organized by FlowSols and SIRAC, Somaiya Vidhyavihar on 2nd February 2019.
- o Workshop on “Essentials of Academic Writing” at St. Xavier’s College in collaboration with Cactus Communications, Mumbai held on 6th February 2019.
- o International Symposium on Biotechnology and Chemistry innovations for Social Benefits at University of Mumbai held on 9th September 2018.
- o Public Lecture on Persuading Immunity to keep acting against Cancer at TIFR on 28th February 2019

- o Popular science lectures by IWSA and Caius Research Laboratory, St. Xavier's College on Genome Imprinting by Dr. Nafisa Balasinor, NIRRH on 11th February 2019
- o Interactive session on Epigenetics by Dr. Ritwick Sawarkar, Group Leader Max Plank Institute of Immunobiology and Epigenetics, Germany, organized by Department of Life Sciences, St. Xavier's College, Mumbai on 10th January 2019.
- o Lecture on Plant Metabolite engineering by Dr. Prabodh Trivedi, NBRI -Lucknow organized by Department of Botany, St. Xavier's College, Mumbai on 21st February 2019.
- o Interactive Session on Science Rational Thought and Justice in Indian Society conducted by Curiosity Circle, at St Xavier's College, Mumbai on 8th December 2018
- o Intercollegiate Research Meet 'Jigyasa' organized by Department of Biotechnology, SIES College on 21st December 2018.
- o CSIR Sponsored International Conference on Material and Environmental Science" on 7th and 8th December at Shivaji University, Kolhapur.
- o International Conference: Present Day Biology: A Bastion for Social and Sustainable Development, held at St. Xavier's College, Ahmedabad, Gujarat on January 04 - 05, 2019.
- o Participated in the National Seminar on 'Fostering Entrepreneurship- Startup as a Stepping Stone' conducted by St. Xavier's College on 3rd February 2019.
- o 31st Research Scholars Meet, organized by Indian Chemical Society in association with School of Chemical Sciences, UM-DAE CEBS, Mumbai, held from 8-9th February 2019.
- o National Seminar entitled 'Navigating the Social Media in a Responsible Manner' sponsored by the National Commission on Women (New Delhi), conducted by Women's Development Cell in St. Xavier's College on 26th February 2019.
- **Extension Activities:**
- o Quest for Excellence Programme: The department had offered two courses under the BioSciences Hub for UG students across the sciences from St. Xavier's College.
- ü Bioinformatics Course was conducted by Ms. Norine D'Souza. 21 students across the biological sciences discipline participated and successfully completed the course.
- ü Animal Cell Culture Course was conducted by Dr. Shiney Peter. 10 students across the biological sciences discipline participated and successfully completed the course.
- o Dr. Shiney Peter conducted a lecture cum demonstration session on Metastasis and animal cell culture techniques for UG Biosciences students from K J Somaiya College on 25th February 2019.
- o Ms. Norine D'Souza and Dr. Shiney Peter were appointed as examiners for MSc Biotechnology examinations conducted by R. Ruia College (Autonomous), Mumbai.
- o Ms. Norine D'Souza was appointed as an examiner for MSc Biotechnology examinations conducted by Institute of Science and SIES College.

Dr. Karuna Gokarn
Head, Department of Biotechnology

BOTANY



It was a proud moment for the Botany Department when **Dr. Rajendra D. Shinde was appointed as Principal of our college from 1st September 2018**. He has formerly served as the Vice-Principal (Science) for a period of 6 years. He was also elected as the **Chairman of the Botany Board of Studies of the University of Mumbai**.

During this academic year, in addition to the aforementioned prestigious positions, Dr. Rajendra Shinde was appointed to the following boards and committees of other colleges and institutions in varying capacities: (a) Member, Botany BOS of Ramnarain Ruia Autonomous College; (b) Member, Governing body of Ramnarain Ruia Autonomous College; (c) Member,

Scrutiny committee of Minor Research Grant (Botany), Mumbai University; (d) Member, Scrutiny Committee for the applications received for the post of Director, Garware Institute of Career Education and Development, Mumbai University; (e) Member, Local Inquiry Committee for MSc by papers in Biochemistry, LTM Medical Hospital, Sion; (f) Member, Scrutiny Committee for the applications received for the post of Director, at various University Departments of Mumbai University; (g) Member, Botany BOS of SIES College, Sion, Mumbai; and (h) Member, Plant Expert Committee, Maharashtra Government State Biodiversity Board, Pune.

Due to the overwhelming work of the college, the Principal Dr. Rajendra Shinde handed over some part of the Department responsibility to **Mr. Alok Gude** by appointing him as the In-charge Head of the Botany Department from 11th September 2018. **Mr. Kevin D'Cruz, in addition to his regular responsibilities** continues to help the college by playing a huge role of managing the Xavier's Knowledge Centre as the Director.

NET and GATE Exams:

Our current teaching staff member and alumnus **Mr. Saif Khan** (MSc Botany 2017) qualified the GATE exam (2019) in Life sciences. **Mr. Royston Lobo** (BSc. 2014), another teaching staff member and alumnus qualified the GATE exam (2019) in Life sciences. **Mr. Jatin Vaity** our ex-student (MSc 2016) qualified for UGC JRF NET exam (2018) with 93rd rank at the all India level. **Ms. Snehal Unde** (MSc 2016) cleared CSIR JRF NET and secured the 84th rank at an all India level.

Patent Published:

A Patent titled 'A Herbal Composition or Decoction for the Management of Abnormal Menstruation' was filed by **Dr. Rajendra Shinde** and **Dr. Kalpit Mhatre** (ex PhD student of Dr. R. D. Shinde) and was accepted and published (patent number 201821019083) by the patent office in July 2018.

Research Paper Publication:

Rajendra D. Shinde, Rajdeo Singh, & Raneer Prakash, 2018, Typification

of Linnaean plant: *Pterospermum acerifolium* (Malvaceae), based on Amman's illustration, Taxon 67(4) 789-791.

Papers Presented in Conference and Seminars

Dr. Vijaya Lobo presented a poster "Phytochemical screening of *Amaranthus caudatus*" at the National seminar on 'Fragrances, Flavours and Cosmetics- Opportunities and Challenges' organized by the Department of Botany, Microbiology, Bioanalytical Sciences and Biotechnology, at Birla College on 5th of March 2019.

Mr. Royston Lobo presented a poster titled 'Effect of Surfactants on the Size of Green Synthesized Silver Nanoparticles' at the International Science Conference on 'From Health to Wellbeing: An interdisciplinary Approach' organized by the Department of Chemistry, St Xavier's College (Autonomous) from 9th-11th of January 2019. He also presented a paper titled 'Synthesis of Biodegradable Plastic Using Starch' at the National Symposium on Facets of Life Sciences (NSFLS) held from 26th-27th March 2019 and organized by the Department of Life Sciences, University of Mumbai.

Ms. Neha Gupte presented a poster titled 'Distribution Studies of *Cordia dentate* using molecular marker' at the XXVIII Annual Conference of Indian Association of Angiosperm Taxonomy and International Symposium on Conservation of Angiosperm Diversity: Hidden Treasure of today and Tomorrow organized by the Department of Botany, Maharaja Sayajirao University of Baroda, Vadodara, Gujarat from 29nd-31st of October 2018.

Mr. Alok Gude presented two posters 'Shortcoming Regarding Application and implications of Section 6 of Biological Diversity Act 2002' and 'Climate change: Impact of an Evil on Agrarian and Indigenous Society and its Redress' at the International conference on Environmental Development and Sustainability organized by the Department of Botany, Nya. Tayasaheb Athalya Arts, Ved. S. R. Sapre Commerce and Vid. Dadasaheb Pitre

Science College, Devruk, Ratnagiri on 15th December 2018.

Seminars and Workshops Organized

The department organized two workshops and one national seminar this year.

(a) Botany Department and National Society of the Friends of the Trees organized a National seminar on 'Climate, Rivers and Vegetation' on 14th February 2019. Mr. Bittu Sahgal, Founding editor, Sanctuary Asia gave the keynote address on 'Climate Change'. Other renowned speakers included Dr. Pradeep Srivastava (retd) Senior Scientist, Medicinal and Process Chemistry Division, CSIR-CDRI, Lucknow, who spoke on 'Unique Biodiversity of South East Asia and Bionics: A Promising Future Ahead' through his scientoons. Dr. Milind Sardesai, Professor, Department of Botany, Pune University, spoke on 'Whether our forefathers knew the technique of sex alteration in plants?'. Mr. Murari Ratnam, Ex- Director, Central Soil and Materials Research Station, Ministry of Water Resource, New Delhi gave an illustrated talk on 'Effect of climate on water resources'. Dr. Ajit Sonakia, IFS (Retd) Principal Chief Conservator of Forest, Bhopal spoke about 'Global warming and Climate change'. Dr. Pravish Pandya, Director, Science and Conservator, Sanctuary Asia led a panel discussion to answer all queries. Some SYBSc students and all MSc-I Botany Students under the guidance of Dr. Vijaya Lobo also put up a small exhibition of plants and herbal cosmetics products, around a theme of 'Reuse, Recycle and Innovate'. More than 180 participants from various colleges, institutes, and NGOs including students, teachers, researchers, activists and novices attended and made the seminar a successful event. The First Botany Department Magazine 'Acta Botanica' designed by TYBSc Botany students was released during the inaugural session. The TYBSc and MSc students volunteered and helped in varying capacities to successfully organize the seminar.

(b) The department organized a one-day workshop on 24th August 2018 in collaboration with Ramnarain Ruia Autonomous College, Mumbai

and IISER, Pune on 'Preparation of Lesson Plans on Climate Change'. The teaching faculty of various disciplines from numerous colleges attended the workshop as it was primarily intended for college teachers.

(c) A day long workshop on 'Plant nomenclature' was organized by the department which was held on 22nd March, 2019, during which **Dr. Kanchi Gandhi**, Senior Nomenclatural Registrar, Harvard University Herbaria, USA, explained the basic and important rules of plant nomenclature. The workshop was attended by MSc and PhD students, and faculty of our college, as well as from Ramnarain Ruia college, Mithibai college, National College, of Mumbai; Sonopant Dandekar college, Palghar, and Dapoli Urban Bank Science college, Dapoli.

Internships

Trupti Tiwari and **Pranay Juwatkar** (MSc-II Botany) interned at CRESLA Pvt Ltd, Mumbai from 7th August 2018 to 18th March 2019. Their work included (a) assembling, commissioning and testing of hydroponic system for cultivation of plants; (b) cultivating, monitoring and optimizing the growth of microgreens in hydroponic system under different environmental conditions like grow lights, growing medium, fertilizer mix, and watering system; (c) cultivating, monitoring and optimizing the growth of mushrooms in hydroponic system. They were given certificates of completion and appreciation.

Guest Lectures organized:

The following insightful guest lectures were organized by the department: (a) Dr. M. Sanjappa, INSA Senior Scientists, (Former Director, BSI Kolkata) Botanical Garden, University of Agricultural Sciences GKVK, Bangalore: 'Floristic Diversity and Endemism in India' on 27th November 2018. (b) Ms. Iravati Majgoakar, Research Staff, Wildlife Conservation Society, India, Bengaluru, on 'Carnivore Distributions in Semi-arid Human Modified Landscapes' on 8th December 2018. (c) Dr. Merwyn Fernandes, Programme Co-ordinator, TRAFFIC, WWF India, New Delhi, on 'Law of limiting Factors and Theory

of Niche' on 21st December 2018. (d) Dr. Chandan Singh Purohit, Senior scientist, BSI, Jodhpur, on 'Present status and conservation of threatened plants of Rajasthan' on 22nd December 2018. (e) Dr. Ramesh K. Paliwal, Senior scientist, BSI, Jodhpur, on 'Ginger: future Prospective' on 22nd December 2018. (f) Dr. Prabodh K. Trivedi, Senior scientist, CSIR-NBRI, Lucknow, on 'Pathway engineering for plants for enhanced nutritional quality for improved health' on 21st February 2019.

Training received by faculty:

Dr. Rajendra D. Shinde participated in Assessors Orientation Programme organized by Indian Institute of Management, Tiruchirappalli in collaboration of NAAC on March 11, 2019.

Mr. Alok Gude attended a 'National Hands-on Training Workshop on Innovation Experiments in Biological Sciences for College Teachers' organized by Ruia College in Collaboration of Homi Bhabha Centre for science education, TIFR from 29th August - 4th September 2018.

Dr. Vijaya Lobo attended a three-day Teaching Learning Centre, workshop on 'Plant Functional Genomics' organized by the Department of Statistics, Savitribai Phule Pune University, Pune, from 3-5th January, 2019.

Field Trips:

As a part of the curriculum, the Department organized various field trips: (a) The TYBSc students alongwith Dr. Vijaya Lobo, Dr. Manek Mistry and Mr. Uddhav Patole went for a field trip to TATA POWER Forbey, Khandala, from 27th - 29th July 2018. . Mr. Gangdhar, Manager, TATA POWER (Lonavala Branch), guided all students and teachers round the 103-year-old unit which provides clean hydroelectricity to Mumbai.

(b) The MSc I & II students alongwith Dr. Rajdeo Singh, Dr. Manek Mistry, Ms. Varsha Giri, Mr. Uddhav Patole and Mr. Alok Gude went to Khandala for a botanical field study tour from 27th to 29th August 2019.

(c) Another field visit was organized

for MSc I & II students from 18th to 22nd January 2019 to Birmani village, Mahabaleshwar, Panchgani and nearby forest areas. Dr. Rajdeo Singh (BNHS Scientist) and Dr. Manek Mistry (Retd Staff) were the resource persons. They were also accompanied by Mr. Uddhav Patole and Mr. Alok Gude. The students were assessed every night based on the learnings of the day as a part of their CIA.

(d) The MSc- II students were also taken to Rice Research Station, Karjat, by Mr. Alok Gude on 18th August 2018 to study the rice cultivation methods and diseases of plants. The MSc students also visited Gorai on 9th March 2019 to study the mangrove flora. Dr. Rajdeo Singh explained the peculiarities of the local plants.

Extension Activities

(a) MSc students Sharang Anaokar, Clive D'Costa, Ketan Kathole, Sanjay Sasidharan, Vaibhav Shedage and Shahid Nawaz documented the plant diversity and ethnobotany in seven tribal villages for Kashtakari Sanghatana, a Dahanu based NGO as a part of the work on community forest rights from 26th -29th December 2018.

(b) The students of TYBSc (Botany-Zoology), with Dr. Rajendra Shinde, Dr. Smita Krishnan, Mr. Conrad Cabral, Mr. Alok Gude and Mr. David Foss i.e. staff from both Botany and Zoology departments participated and carried out Pipal tree plantation along the Kanjurmarg-Vikhroli Eastern Express Highway under the guidance of an NGO, Green Umbrella Organization on 14th July 2018.

(c) A Biodiversity Audit of the Dnyanasadhana College, Thane was undertaken by Botany Department led by Dr. Rajendra Shinde. This was the result of an MoU signed between Dnyanasadhana College and our College.

(d) Ms. Raveena Biswas (MSc-II) actively participated in Zoo Volunteer Training programme conducted by the Municipal Corporation of Greater Mumbai, at the 'Veer Jijabai Bhosale Udyan & Zoo, Byculla, Mumbai' during the months of May and June 2018. She actively participated in educating visitors about the animals kept in the

Zoo and the role of Zoos in wildlife conservation.

(e) The Departments of Botany (Blatter Herbarium), Geology & Zoology co-hosted more than 75 students and 2 teachers in batches from Campion School in College from 22nd to 28th July 2018, with the intention of enthusing these students to experientially delve into the world of Natural Sciences. Mr. Praveen Kale (Asst. Curator, Blatter Herbarium) hosted the students every day and showed the Blatter Herbarium and explained the purpose and procedure of preserving plant specimens.

(f) A group of students from Podar International School, Santacruz visited the Blatter Herbarium, Zoology Department and Heras Institute, on 19th 20th 26th 27th 28th & 29th November 2018. There were about 75 students and 2 teachers per day. Dr. Smita Krishnan, Dr. Joan Dias, Mr. Alok Gude and Mr. Praveen Kale facilitated these trips, during their busy schedule.

(g) Mr. Kevin D'Cruz went along with SSL campers for their social work in the rural area of Mahad and guided them in their activities in the month of October 2018.

Resource persons

Mr. Kevin D'Cruz served as resource person for (a) The one-day faculty training programme on 'Effective Teaching and Learning Through Moodle' for faculty of Nagrik Shikshan Sanstha's College of commerce and Economics, Mumbai, on 28th August 2018; (b) One-day faculty training programme on 'Digital education through Google Classroom' for faculty of Science Department, Mutangan (NGO), on 28th February 2019, and also (c) for faculty of Jai Hind College, Mumbai, on 15th March 2019.

Mr. Royston Lobo and **Mr. Saif Khan** are visiting faculty at Raheja College for M. Arch in Landscape and Designing.

Dr. Manek Mistry helped the department in most of the botanical field study tours by acting as resource person in the field. He showed numerous plants to students and explained their peculiarities and importance.

Dr. Rajendra Shinde visited Hislop College, Nagpur, as a resource person for their seminar on 'Autonomy' on 21st January 2019. He delivered a talk on 'Autonomy: Challenges and Solutions'. He was also invited to conduct an Academic Audit of Venkateshwara College, New Delhi – the audit ended on 25th October 2018.

Students participation and awards

Our FYBSc students **Bivas Nag** and **Rohan Gupta** (Lsc/Che/Bot) secured the 2nd position in the Biology Quiz Competition (Brain Crunch) organized by the Biotechnology Department of Elphinstone College for UG & PG students on 29th December 2018. **Arjun Udupa** and **Bivas Nag** also participated in the Collaborative Undergraduate Biology Education (CUBE) programme organized by Homi Bhabha Centre for Science Education, TIFR, Mumbai. They were awarded D.D. Kosambi Young Scientist Award 2019 for their exemplary contribution to collaborative undergraduate research. Bivas spent the whole summer vacation learning and experiencing new things there, due to his fascination for the same.

Arjun Udupa secured second position in the poster presentation at an event called 'GENVISION 2019' organized by Department of Biosciences & Bioengineering, IIT Bombay. He also participated in NIUS (Biology) camp conducted at HBCSE from 12th to 20th November 2019. Based on his performance during the camp, he got selected to continue on a project under NIUS under Prof. Swati Patankar as a project mentor.

Akhilesh Tambe (SYBSc- Botany) participated in Zoomerang'19 festival and secured the 1st Rank in PIXEL. The festival was organized by the Department of Zoology, V.G. Vaze College of Arts, Science and Commerce, Mulund, Mumbai under DBT Star Scheme on 12th March 2019.

Pooja Kumari (SYBSc- Botany) was the Creatives Subhead, AICUF for the year 2018-19.

Trish Gonsalves, Swetlena Cellini, Theresa Moraes, Ruchira Mayekar and **Clarissa Rodrigues** (TYBSc- Botany) taught at New Modi Street Muncipal Upper Primary English School as a

part of Ek Prithvi Mumbai, of World Wildlife Fund for Nature- India.

Yashashree Naikare (TYBSc- Botany) was awarded a Certificate of Appreciation for her performance in the Cultural Programme at the International Science Conference held at St. Xavier's College, Mumbai from 9th - 11th January 2019. She also secured the Third Prize in 'Maharashtra Chi Lokdhar' held in the college Marathi festival 'Amod' organized by Marathi Vangmai Mandal of St. Xavier's College, Mumbai.

Trupti Tiwari (MSc-II Botany) participated in a quiz in 'Planta 2018' conducted by the Department of Botany, Institute of Science, Mumbai on 21st and 22nd February 2019. She also attended and presented a poster at the International Science Conference held at St. Xavier's College, Mumbai from 9th - 11th January 2019.

Anwesa Dutta (MSc-II Botany) participated in a workshop entitled 'Techniques of Public Speaking' conducted by our Language Lab from 1st to 4th June 2018. She secured the 1st position in quiz event in 'Planta 2018' conducted in Department of Botany, Institute of Science, Mumbai on 21st and 22nd February 2019.

Aishwarya Mehendale, Sharayu Dalvi and **Shahid Nawaz** (MSc-II Botany) actively participated in the National Workshop on 'Monocot Systematics' organized by the Department of Botany, Shivaji University, Kolhapur from 1st to 6th January 2019.

Botany Department Magazine

The Botany Department Magazine '**Acta botanica**' Volume I was launched in February 2019. The task was undertaken by the students of TYBSc (Botany-Zoology). The students Sudipta Kalita (Co-editor), Radhika Nair (Co-editor) and Ambrose D'Souza took this heavy task on their shoulders and did immense justice to the task at hand. Reshell George (PR Head), Alina Chettiar (Finance Head) and Nikhil Thomas (Head of Photography) also diligently headed and managed their respective departments. The contributors of articles were Himrekha Agarwal - *A Shapeshifting Mystery*; Amartya Mitra- *The Lepidodendrales*;

Pradip Krishen- *Rumble in the Jungle*; Jay Bathia- *A Helping Hand to Hydra*; Shimontika Gupta- *The Demon Flower*; Vidisha Bansal- *Home Sweet Plant*; Magdelene D'Silva- *The Cloak of Invisibility*; Anoushia Anthony- *The Sacred Fig*; Saswati Sarma- *On a Heavy Metal Diet*; Clarita Mendes- *The Hibernating Herb*; Ambrose D'Souza and Sudipta Kalita – *Biodiversity on*

St. Xavier's Campus. The articles in the magazine were beautifully written and had fascinating pictures including artwork, photography and drawings by Sudipta Kalita, Daphisa Jana, Trish Gonsalves and Kim D'Silva.

Department SIP

The Botany Department SIP was opted for by a few FY and SYBSc students.

Their work included making soft copies of the Blatter library literature reprints, cleaning the herbarium books, and cleaning & arranging the specimens in the Botany store room.

Mr. Alok Gude

In-charge Head, Department of Botany.

CHEMISTRY

The Department of Chemistry kicked off its activities for the academic year 2018 - 2019 with a zestful talk by Prof. Mahesh K. Lakshman, a fellow of the Royal Society of Chemistry and faculty member of the Department of Chemistry and Biochemistry in City College of New York. The topic of his talk was: "The Many Faces of Organic Chemistry: From Methods to Mechanisms to Applications". Ensuing the talk, an adventurous trek to Nakhinda was organised by Dr. (Fr.) Roy Pereira - Head of the Department. Prof. Himanshu Gupta, Fr. Savio (faculty, Sociology Department), and Br. Vivian enthusiastically accompanied the students and Dr. (Fr.) Roy Pereira on the trek.

On 18th September, 2018 a Career Guidance talk was organised in association with IES MCRC, Bandra. It was conducted by Prof. Ulhas Karkhanis, Associate Dean of Pharma and Health, along with Prof. Parag Mahulikar, Associate Dean of Academics and Marketing Specialist, Indian Education Society's Management College and Research Centre, Bandra.

The Department, in association with Xavier's Association of Chemistry (XAC), organised an Industrial Visit to Silvassa from 25th January to 27th January, 2019 under the leadership of Dr. Pralhad Rege and Prof. Himanshu Gupta. Some of the important industries visited were Nipra Packaging Pvt Ltd, Alok Industries and Parle Agro Pvt Ltd., Silvassa. In all, 42 T.Y.B.Sc. Students and 4 Chemistry faculty enhanced their knowledge in the field of Industrial Chemistry.

Honours' Programme of the

Department, coordinated by Dr. Abhilasha Jain, dealt with a wide array of Research Projects from Food and Environmental Chemistry to Conserving Artefacts; from the use of Metal Oxide semiconductors as effective photo catalyst to Complex Chemistry. Two workshops were also conducted as a part of the Honours' Programme. One workshop involved the students acquiring skills in drawing 'complex structures electronically' through a programme called 'Chem-Draw', which is used widely in industries and the other workshop was conducted on 'instrumentation' in chemistry. With a total of 6 activities conducted by Dr. Geeta Kotian, Dr. Ashma Aggarwal, Prof. Saima Khan, Dr. Pralhad Rege & Dr. Sandip Kale and the participation of 40 students, the Honours' Programme of the Department can be regarded as one of the most vibrant programme in St. Xavier's college.

Dr. Ashma Aggarwal and Dr. Sandip Kale participated in Teacher's training camp in Chemistry held at Homi Bhabha Centre for Science Education, TIFR from 16th August to 18th August, 2018.

Dr. Sandip Kale participated in a one day workshop on 'Avishkar Research Convention 2018-19', organised by the Department of Student's Development and University of Mumbai at D.G. Ruparel College of Arts, Science and Commerce, Mahim, Mumbai on 1st September 2018.

Mr. Marazban Kotwal attended a workshop on National Portal for Technology Enhanced Learning, on 6th December, 2018 at SIES College, Sion.

Dr. Nikhila Bhat attended a MHRD

sponsored Induction program for UG College teachers from 1st May to 25th May, 2019. This program was organised by the Centre of Excellence in Science and Mathematics Education at IISER, Pune.

Dr. (Fr.) Roy Pereira was appointed as an External Expert on DBT board of Chowgule College, Margao, Goa since September 2018. He was the main resource person for a workshop on "Ignatian Leadership with insights from Neuroscience" conducted for senior level academicians and administrators of the schools and colleges of Karnataka Jesuit Province from 23rd March to 31st March, 2019.

Dr. Abhilasha Jain, in continuation with her fervour for academic writing authored a chapter on Anaerobic Digestion in a book titled 'Sonochemistry: An Emerging Green Technology', published by Apple Academic Press.

The highlight of the academic year for the Department was a massive contribution to the organisation of an International Science Conference titled 'From Health to Well-being: An Interdisciplinary approach from Fundamental Sciences to Translational Medicine' that was organised in collaboration with Creighton University, a Jesuit University, from 9th January to 11th January, 2019. The collaboration was forged by Dr. (Fr.) Roy Pereira and he doubled up as the Convener of the Conference in spite of being extremely busy with the rectorship of the sesquicentennial celebrations of the college. Dr. (Fr.) Roy Pereira also presented a paper, "The Nocebo Effect: Life and Pharmaceutical Trials" at the Conference while Dr.

Ashma Aggarwal and Mr. Marazban Kotwal served as the Secretary of the conference and enthusiastically presented a poster at the conference. All the faculty members of the Chemistry Department contributed to the grand success of the conference and

the entire XAC core committee under the Chairpersonship of Ms. Premie Fernandes, a T.Y.B.Sc. Chemistry student, who actively participated in the organisation of the International Science Conference. Dr. Ashma Aggarwal and Mr. Marazban Kotwal

served as the Organising Secretaries of the Conference and enthusiastically presented a poster at the conference.

Marazban Kotwal
Acting Head, Department of
Chemistry (2019-2020)

COMMERCE (ARTS)

This year was very fruitful for the Commerce department. It was beneficial for both the students as well as the teachers.

Social Work by the Department:

The department held several programs under the department centric Social Involvement Programme (SIP). The students had a skill development programme wherein 14 students participated in 'Rakhi making' and the funds generated were donated to an NGO - Indian Development Foundation (IDF). A few students also helped the same NGO in distribution of sanitary napkins to the under-privileged. A new approach to academics was adopted under the buddy system; wherein the students with a background in commerce were teaching non-commerce students a few topics of book keeping and accountancy.

Student Co-curricular Activity:

The department also engaged a series of lectures, under the Honours Programme in the even semester on the topic 'Entrepreneurship in the Digital Age'. It was conducted by the Resource Person - Mr. Furqan Shaikh, Head of Department BMS/BMM/BAF/BBI - Rizvi College of Arts, Science and Commerce, Mumbai. This programme was open for students of all streams. A total of 40 students enrolled for the same.

Faculty Development:

Our teaching staff also actively participated in numerous activities. Dr. Suvaiba Pirani presented a Paper on 'Marketing Strategy and Innovation' and the same was published in a UGC recognized Journal called AJANTA. Dr. Suvaiba Pirani also participated in the Seminar held in college on

'Fostering Entrepreneurship: Start -up as a Stepping Stone'. Lastly, Dr Suvaiba Pirani also participated in the 'Young Teacher Seminar' conducted by the IQAC department.

Placement through the College:

The department has been delighted as a few of our students, Shashwat Gupta, Alene Dcunha and Gaurav Kadam secured placements before graduation.

We are extremely proud that we were able to carry out the department's work efficiently and effectively thus taking it to new heights. We also congratulate the students who have secured placements this year. We, the department members are looking forward to the new academic year eagerly.

Dr. Suvaiba Pirani
Department of Commerce

COMMERCE (B.COM)

The academic year 2018-2019 has been an eventful one for the Commerce Section, both in academics and in extracurriculars. Commerce students have always achieved excellence in terms of academics and this year has been no different.

The following three students from TYBCOM secured the highest CGPA.

Srivastava Aaraadhya	3.86
Shilendra	
Valiaveetil Sweezel George	3.85
Singh Ankita Rajesh	3.48

The commerce Section has been responsible for organising various activities, such as:

- Inter-religious prayer service on 27th June 2018 for FY, SY and TY

students.

- The Graduation Ceremony, for the TY students was organised on 30th June 2018. The ceremony felicitated the fresh B. Com graduates of the academic year 2017-2018. The chief guest Mr. Srinivas P. Sapalya, an alumnus of batch 1992 ; Senior General Manager Project & Finance, Ador Group of Company's (J. B. Advani & Co. Ltd.,) shared his insights and experiences, helping the newly graduates as well as the students prepare well for the future.
- An Orientation session conducted on 6th and 7th July 2018. The session was held for the new batch of FY students in the hopes to get them acquainted with each other and the

college.

- The Feast of St. Ignatius of Loyola was celebrated on 31st July 2018 with the cultural program - 'Bollywood - Then and Now'.
- Teacher's Day was celebrated on 5th September 2018.
- The Feast of St. Francis Xavier was celebrated on 3rd December 2018, with various singing and dancing competitions. The department conducted a cultural program on 22nd December, to celebrate Christmas.
- On 12th and 13th of January, 2019, TY students attended a department hosted seminar at the Xavier's Villa in Khandala.

- Pradeep Chandrasekaran, Founder and Director, Finmark: Leaders in Financial Market Education delivered lectures for SY and TY students on the topic 'Investment in Share Market' in the month of November 2018.
- Ivy Roderiges a TYBCOM student visited Harvard University, USA in January 2019, as a part of the students exchange programme.
- On the 9th of February 2019, Mrs. Seema Paramshiv; a life coach and a mental fitness trainer took

a lecture on "Aggression, Anger and Disappointment" The seminar focused on the frustrations and dissatisfactions faced by the youth, and the ways to overcome them.

- Pradeep Chandrasekaran, Founder and Director, Finmark: Leaders in Financial Market Education conducted a certificate course in 'Investment in the Share Market' from 2nd March 2019 to 5th March 2019 for the SY and TY students.
- Coaching classes for the aspirants of the competitive examinations

such as: UPSC and MPSC were conducted twice in a week throughout the year. Dr. Jotiram Gaikwad and Dr. Joseph Rodericks, who passed Civil Service Examination in 2009 and subsequently was selected for the Indian Defence Estate Service conducted the classes.

- Students participated in several inter-college fests and competitions, emerging victorious. The following is the list of students for the same:

Name	Event	Event Organising Institute	Prizes Won
Mr. Dominic D'souza	Blind Typing	Smt. Parmeshvaridevi D. Tibrewala Lions College, Mumbai	First
Ms. Jovita Fernandes	Fashion Show	B. M. Ruia Girl's College, Mumbai	Second
Ms. Liao Kimlaan	Fashion Show	B. M. Ruia Girl's College, Mumbai	Second
Ms. Monalisa Minj	Fashion Show	B. M. Ruia Girl's College, Mumbai	Second
Mr. Stephen Lobo	Fashion Show	B. M. Ruia Girl's College, Mumbai	Second
Mr. Francis Pinto	Fashion Show	B. M. Ruia Girl's College, Mumbai	Second
Ms. Sakshi Khandelwal	Fashion Show	B. M. Ruia Girl's College, Mumbai	Second
Mr, Gaurav Parecha	Fashion Show	B. M. Ruia Girl's College, Mumbai	Second
Ms. Elizabeth Cherian	Elocution	G. J. Advani Law College, Mumbai	Second
Mr. Aldrin Lobo	War of DJ's	K. J. Somaiya College, Mumbai	Second
Mr. Aldrin Lobo	War of DJ's	SIES College of Management Studies, Mumbai	Second
Mr. Aldrin Lobo	War of DJ's	B. K. Shroff College, Mumbai	Second
Mr. Lalu Rahtod	Carrom (Double)	M. V. Mandali's College, Mumbai	Second
Mr. Shaikh Faizan	Carrom (Double)	B. M. Ruia Girl's College, Mumbai	Third
Mr. Lalu Rahtod	Carrom (Double)	B. M. Ruia Girl's College, Mumbai	Third

- Sitare-2018(8th December 2018), an inter-collegiate national competition for the night college students was organised; and successfully so; by the Commerce students. – The competition consisted of eight events: PowerPoint Presentation, Elocution/ Quiz, Essay Writing, Dance (Folk), Dance(Traditional), Singing (Bollywood), Chess, Carrom.

- The working undergraduates of 18 night, degree colleges from various parts of the country such as: Bangalore, Ahmedabad, Pune, Nagpur, Ahmednagar, Kolhapur, Solapur, Nasik, Malegaon, Latur, Ichalkaranji along with the students of Mumbai participated in the 'senior' category.
- 53 of the junior colleges in Mumbai participated in the junior category.

Winners of all events in both the categories were felicitated at the hands of the judges with a Trophy, Certificate and a Cash Prize (Rs. 5000 for the winners, Rs. 3500 for the Runner-up, and Rs. 2000 for the Second Runner-up). St. Xavier's College-Autonomous, Mumbai won the "Best College trophy".

- The results of Sitare-2018 are as mentioned below:

JUNIOR CATEGORY

Elocution		
Prize	Name of the Student	College
First	Zala Eshita Rajesh	Jogeshwari Education Society's Junior College, Mumbai
Second	Singh Ishita R.	The Andhra Education Society Junior College, Mumbai
Third	Deeksha V Shetty	Holy Family Junior College, Mumbai

Essay Writing		
Prize	Name of the Student	College
First	Martina Parampog	Nitin Godiwala Junior College of Commerce, Mumbai
Second	Shaikh Fauzia Nadeem	Anjuman Islam Junior College of Arts and Science, Mumbai
Third	Sapana Singh	Guru Nanak Junior College of Commerce, Mumbai

Quiz (Duet) (General Knowledge)		
Prize	Name of the Student	College
First	Talib Khan	The Andhra Education Society's Junior College, Mumbai
	Sumedh Bengale	
Second	Mihir Waghela	Nitin Godiwala Junior College of Commerce, Mumbai
	Shiv Kumar Yadav	
Third	Ans. Sumaiya Mubarak	R.C. Urdu Junior College of Education, Mumbai
	Ans. Shabnam Md. Farid	

Singing (Duet)		
Prize	Name of the Student	College
First	Sanchi Makhijani	Maniben Nanavati Women's Junior College, Mumbai
	Neha Bhat	
Second	Karolina Mathew	St. Andrew's Junior College, Mumbai
	Jaden Fernandes	
Third	Driti Pujari	S.I.W.S. N.R. Swamy Junior College of Commerce and Economics, Mumbai
	Roshni Pasi	

Carrom (Double)		
Prize	Name of the Student	College
First	Devandra Kishor Pawar	SIR Elly Kadoorie Junior College, Mumbai
	Kalpesh Kishor Vidhate	
Second	Mohd. Ismail Machiwala	Anjuman-I-Islam Junior College, Mumbai
	Shaikh Mohib	
Third	Vinayak Tunkal	The Andra Education Society Junior College, Mumbai
	Saikrushna Gole	

Chess		
Prize	Name of the Student	College
First	Rahul Prajapati	Vivek Vidyalaya Junior College, Mumbai
Second	Shridhar Dhurat	Maharshi Dayanand Junior College, Mumbai
Third	Ganesh Bhargav	Adarsh Vidyalaya Junior College, Mumbai

Group Dance (Traditional/Folk)		
Prize	Name of the Student	College
First	Harpreet Kaur Balassi	Guru Nanak Junior College of Commerce, Mumbai
	Simran Gill	
	Shweta Vishwakarma	
	Mansi Shedge	
	Paras Walia	
	Isha Jangra	

Second	Karishma Bhatnagar	Maniben Nanavati Women's Junior College, Mumbai
	Saloni Doda	
	Neha Pitroda	
	Esha Saroj	
	Ishita Shah	
	Prachi Naik	
Third	Sakshi Talekar	Maharshi Dayanand Junior College, Mumbai
	Siddesh Shinde	
	Shalaka Sawant	
	Ambar Walunj	
	Tanmay Surve	
	Isha Chavan	

SENIOR CATEGORY

Power Point Presentation (PPT)		
Prize	Name of the Student	College
First	Leslie Joseph	St. Vincent College of Commerce, Pune
Second	Roshan Raj	St. Xavier's College-Autonomous, Mumbai
Third	Omkar Chikane	Saraswati Mandir Night College of Arts & Commerce, Pune

Elocution		
Prize	Name of the Student	College
First	Iloke Akshay Maruti	Night College of Arts and Commerce, Ichalkaranji
Second	Humraz Shaik	Navneet Night Degree College, Mumbai
Third	Akash Ahir	Saraswati Mandir Night College of Arts & Commerce, Pune
Essay Writing		
Prize	Name of the Student	College
First	Saurav	St. Joseph Evening College, Bangalore
Second	Rashmi Chaudhary	Gujarat Arts and Commerce College, Ahmadabad
Third	Shinde Vyankatesh Shantkumar	Night College of Arts and Commerce, Ichalkaranji

Quiz (General Knowledge)		
Prize	Name of the Student	College
First	Aman Kumar	St. Joseph's Evening College, Bangalore
Second	Chris Anthony	St. Xavier's College-Autonomous, Mumbai
Third	Lahane Nilkhant Sanjiv	Govindlal Kanhaiyalal Joshi (Night) Commerce College, Latur

Singing		
Prize	Name of the Student	College
First	Pramil Iswalkar	Navneet Night Degree College, Mumbai
Second	Abhishek Karkera	St. Xavier's College-Autonomous, Mumbai
Third	Kamble Harish Dayanand	Night College of Arts & Commerce, Ichalkaranji

Dance (Traditional/Folk)		
Prize	Name of the Student	College
First	Gadkari Hemant	Swami Vivekanand Night College of Arts & Commerce, Mumbai
Second	Sinnarkar Manohar N	K. G. College of Arts and Commerce, Ahamadnagar
Third	Roshan Govalkar	Mahatma Phule Education Society's College of Arts and Commerce, Mumbai

Carrom		
Prize	Name of the Student	College
First	Awate Sourav Sujit	Night College Of Arts & Commerce, Kolhapur
Second	Lalu Rathod	St. Xavier's College-Autonomous, Mumbai
Third	Shaikh Shoaib Ayyaj	K.G. College Of Arts & Commerce, Ahamadnagar

Chess		
Prize	Name of the Student	College
First	Movino Dsa	St. Xavier's College-Autonomous, Mumbai
Second	Mahesh Gajbikar	Navneet Night Degree College, Mumbai
Third	Parmeshwar B Mhetre	Chhatrapati Shivaji Night College, Solapur

- Mr. Sanjay Parab was awarded a Ph. D. in the subject of Commerce by Savitribai Phule Pune University, Pune on 31st August 2018. He has done his doctoral research on the topic: A Study of Corporate Governance Practices Amongst Indian Companies on Select Indicator, under the guidance of Dr. Sadashiv L. Shiragave.
- Mr. Jotiram Gaikwad was awarded a Ph. D. in the subject of English by Shivaji University, Kolhapur on 14th January 2019. He has done his doctoral research on the topic: Enhancing Performance Using Technology: An Experimental Study, under the guidance of Dr. Tripti Karekatti.

The academic year of 2018-19 saw a plethora of extracurricular and academic, activities, events, lectures and seminars. We look forward to the coming years and hope for more.



Fr. Errol Fernandes felicitates the students of St. Xavier's College-Autonomous, Mumbai for winning Best College Trophy at *Sitare-2018: A National Level Intercollegiate Competition*

Fr. Errol Fernandes SJ
Vice Principal, Commerce

ECONOMICS

The following are the activities of the Department of Economics for the Academic Year 2018-19

September	1 st September	Dr Aditi Sawant successfully completed the UGC sponsored MRP on 'India's Competitiveness in the Cotton Production in the International Market under WTO Regime: Issues and Concerns' on 01/09/18, with External Committee Assessment.
September	17 th -22 nd September	Exchange Program at St. Xavier's College Jaipur
	30 th September	Dr. Agnelo Menezes, Ex Principal and Associate Professor, Department of Economics retired.
October		
October-November	15 th Oct – 9 th November	Students sent for Internship at Centre for WTO Studies, IIFT, New Delhi.
December	4 th December	Mr. Joseph Fernandes, an Environment Activist delivered a lecture on 'Wet Waste Management'
	5 th December	Mr. Abhijeet Chawan, Ex Member, Tree Authority BMC delivered a lecture on the topic of 'Tree Transplantation and Greenery in Mumbai'
	7 th December	Mr. Chandrashekhar Tilak, Executive Vice President, National Securities Depository Limited (NSDL) on the topic 'Recent Trends in the Indian Capital Market.'
	8 th December	Dr. Radha Kumar, Department of Ancient Indian Culture delivered a lecture on the topic 'Environment, Cosmic Cycles and Debt.
January	7 th -14 th January	Exchange Program with St. Xavier's College, Jaipur and Kathmandu, Nepal
	11 th -13 th January	Annual Economics Seminar, Khandala
	15 th -26 th January	Prof Analisa Packham, Department of Economics, Farmer Business School, University of Miami, Oxford, Ohio, USA conducted 2 weeks Teaching program.
	15 th January	Guest Lecture by Prof. Retu Dewan on her book 'Demonetization'
	25 th January	Annual Lalit Doshi Memorial Debate theme 'Midnight to Millennium and Beyond'
	28 th January	Annual Lalit Doshi Memorial Lecture by Dr. Ashok Dalwai, Director, Doubling Farmers Income Committee, Ministry of Agriculture and Farmers Welfare, Government of India
	28 th January	Department of Economics Research Journal 'Arthniti' launched
February	2 nd -7 th February	Advanced Econometrics with STATA Course by Purbash Nayak
March	19 th March	Minor Research Project of Ms. Aparna Kulkarni, Assistant Professor got approval from University of Mumbai on Inflation Targeting: Challenges and Future
April	8 th -19 th April	Dr. Aditi Sawant was invited as a Research Scholar under Faculty Exchange Program, University of Miami, Oxford, USA

The following are the activities of the faculty members of the department:

Dr. Aditi Sawant

INVITED AS "GUEST SPEAKER"

- As a Member of Group Deliberations by the Ministry of Agriculture and Farmers Welfare, Government of India, New Delhi at the NASC Complex, PUSA, New Delhi on the occasion of Mahila Kisan Diwas on the topic of Issues, Constraints and Strategies for

Farm Women in Animal Husbandry, Dairy, Fisheries and other off-farm activities on 14th-15th October, 2018.

- As a Plenary Speaker on 'India's Competitiveness in Cotton Production Under WTO Regime, at Institute of Infrastructure Technology Research and Management (IITRAM), Gujarat on December 28, 2018.
- As a guest speaker on 'Indian

Agriculture and Farmers' Issues' for the Students of University of California, Berkeley, USA on August 10th 2018 at St. Xavier's College, Mumbai.

- As a Guest Speaker on 'Distress of Farmers: Case Study of Vidarbha' at Ram Narain Ruia College, Matunga, Mumbai on February 16, 2018.

KEY ACHIEVEMENTS

- Worked with MAVIM (Mahila

Arthik Vikas Mahamandal), Maharashtra State and Amazon as a business facilitator to promote the business of low income group women in slums of Dharavi and Kurla.

- Facilitator in signing MOU between St. Xavier's College Mumbai and Chief Minister's Office, Maharashtra State to undertake joint activities to run Urban-Rural Development Projects with student-faculty participation on July 26th 2018.
- As a member of the team of Commission for Agriculture Costs and Prices (CACPC), Maharashtra State Recommendations on Accurate Data Collection for the benefits of farmers have been promulgated by the Government of Maharashtra by issuing GR on July, 2018.

KEY RESEARCH PAPER PUBLICATIONS (NOT RELATED TO THE THESIS)

- Sawant A (2018) 'Trade Potential of Indian Soybean (Seeds, Oil & Meal) in the International Market', Xplore - The Xavier's Research Journal. Vol. 9, Issue 1, December 2018, Pp.24-33
- Sawant A (2018)'Competitiveness

in International Cotton Trade: A Comparative Analysis" for our monthly issue, Maharashtra Economic Development Council (MEDC) Accepted for publication for its Monthly Digest.

- Sawant A, Sharma S, Vats P, Naik S (2018), WTO and Agricultural Support to Cotton Sector in U.S.A.: A Litmus Test for Doha Round, WTO Working Paper, Accepted for publication by the Centre for WTO Studies, IIFT, New Delhi.

KEY RESEARCH PAPER PRESENTATIONS

- 'WTO and Agricultural Support to Cotton Sector in U.S.A.: A Litmus Test for Doha Round', 6th International Conference on "WTO, Trade and Agriculture: Issues and Challenges for Developing and Least Developed Countries" organised by The Centre for WTO Studies, New Delhi on 11th -12th October, 2018.

Ms. Aparna Kulkarni, Assistant Professor

1. Aparna Kulkarni, (2018), A critical analysis of sustainability indicators of Agriculture in India, IMRJ, Vol. VIII, Issue I, Jan-March 2019. ISSN2277-5730

2. Aparna Kulkarni, (2018), Case for India: An American's Portrayal (book review), Xplore - The Xavier's Research Journal. Vol. 9, Issue 1, December 2018

3. Aparna Kulkarni, (2018), Maximum Governance, Minimum Performance: Analysis of the impact of Demonetization, Research Journey an International E-journal, Special issue - 189, May 2019, ISSN - 2348- 7143.(Impact factor-6.2)

4. An article on Mahatma Gandhi published in Marathi magazine *Disha* on the 150th Birth anniversary of Mahatma Gandhi.

Invited as Guest Speaker

1. SEBI's financial literacy program for FYBSC students at St. Xavier's College, Mumbai on 19th February, 2018.

Ms. Manali Pawar, Assistant Professor

- Manali Pawar (2018), Stockholm Congestion Tax: A Solution to Traffic Gridlock?, Xplore - The Xavier's Research Journal. Vol. 9, Issue 1, December 2018.

Dr. Aditi Sawant,
Head, Department of Economics

ENGLISH

As this year marked a momentous milestone in the legacy of our college, the sesquicentennial celebrations added a festive spirit to the endeavours of the English Department. This year, *Ithaka*, our department's annual journal and the *Lingua* Festival of Literature and Arts revolved around the theme of 'Memory'.

The major highlights of this year's events included plays by our students. Saniya Pathare's play, '*Whatever Happened to Sophia*', Sahir D'Souza's '*Sudha and Rahul*', Taran Warner's '*Artificially Yours*' and Malvika Selvarajan's adaptation of '*Arms and the Man*' received a resounding audience reception, enthusing them to keep giving their best in the years to come.

This year, the Honours Program introduced workshops on a subjects such as "Film History in Early World Cinema", "How Story-telling Began: Narrative and Aesthetics in World Cinema", "Translation", "Travel Writing", "Children's Literature", "Persian Language (Basics)" and "Poets of the Bengal Renaissance (Bankim Chandra Chatterjee, Rabindranath Tagore and Kazi Nazrul Islam)". The students were mentored by Dr. Chandranath Chatterjee, Prof. Jethu Mundul and Ms. Vani Zaveri. Distinguished guest speakers were invited by the Department to speak about their vocations and areas of expertise. We were honoured to host sessions with Marcus Zusak, the author of *The Book Thief*, Robert Dessaix,

travel writer and memoirist, Shah Mahmoud Hanifi, Professor of History from James Madison University, Dr. Rochelle Almeida a professor at NYU, the celebrated novelist, Mr. Ashwin Sanghi, and Ms. Alisha Rajpal, a budding author.

The Department, this year, was graced by the presence of t Dr. Rochelle Almeida who joined us on campus with a Fulbright-Nehru Fellowship.

We offer our heartiest regard and gratitude to the department, faculty and all students who made this year a fulfilling one.

Dr. Pearl Pastakia,
Head, Department of English

FRENCH

Amidst the excitement of the sesquicentennial celebrations, the French Department took learning a foreign language to a whole new level. The Department undertook multifarious activities to evoke a true appreciation of French, as a romantic language, and as a way of life in the students. The year commenced with college level eliminations of the 'Idole Indienne' a singing competition organised by the 'Indian Association of Teachers of French'. Dr. Bhaskar Saha from the Life Sciences Department assessed the same. A small quiz and a debate were organised as a part of the celebrations for, *La Fete Francaise*, on 14 July, commemorating the storming of the Bastille during the French Revolution.

A half day workshop on 'Teaching French as a Foreign Language', conducted by Mr. Philippe Guillien, *Attache Linguistique* at the French Consulate, Mumbai was organised by IFI on 27th October 2018. Ms. Alpana Palkhiwale, also successfully conducted a one day workshop on 'Subtitling of Films' at Fergusson College Pune on 11th March 2019.

The month of December marked a major milestone when the students of the French department enraptured the audience with *Le Choix*, a French musical, written and directed by the students under the aegis of *Lingua Fest*.

In addition to this, Ms. Alpana Palkhiwale attended a 15 day teacher's

training course at the University of Nantes in Nantes, France from 16th to 28th July 2018. She also attended a one week teachers training program organised by the French Embassy and University of *Franche Comte* at Goa University from 20th to 26th May 2019.

As always, the French Department showcased a myriad of cultural events all of which kindled the creative and cultural prowess in our students and encouraged them to know more about the French language and culture.

Kudos to the faculty and the students of the French Department for yet another fulfilling year!

Ms. Alpana Palkhiwale
(Faculty in charge)

GEOLOGY



The academic year 2018-19 was the centennial for the geology department. We continued to enjoy success stories from our students. Our T.Y. B.Sc student Mr. Abhishek Natrajan was among the top twenty ranked in the Joint Admission to Masters (JAM). Furthermore, along with batchmate Ms. Namrata Soreng, they have secured admission to the Earth Sciences programme at IIT Bombay, Mumbai. Three other graduating students: Ms. Riya Bidaye, Ms. Sharon Dbritto, and

Mr. Palash Kumavat have joined the Bremen University, Germany to pursue a Masters in Marine Geosciences.

Geology being an observation and skill-driven science, practices such as fieldwork and internships form an integral part of the study. Our students are trained in various aspects of field geology and geological mapping, as a part of their curriculum. Day-long field visits to places of geological interest around Mumbai were

organized for first-year students. Amongst these, Utan-Dongri-Gorai, Elephanta Island, and Tungareshwar in Vasai, were chosen to help students understand concepts of local geology and geomorphology. The field visits for second-year students were conducted in Kachchh, Gujarat with a focus on understanding sedimentary rocks and their structures, along with basic concepts of stratigraphy. During this time, students observed and collected fossils that helped them relate to the paleontology taught to them in the class. The students were accompanied by Dr. Goutam Bandyopadhyay, Dr. Bobby Mathew, and Dr. Shweta Patil. As for the final year undergraduate students, the annual geological field took place in Malvan, Maharashtra, where they were trained rigorously for a period of ten days by Dr. Hrishikesh Samant and Dr. Ashwin Pundalik. This field training included geological mapping techniques, identifying and studying geological features and structures, as well as studying the region's petrological characteristics. The first-year post-graduate students were accompanied by Dr. Ashwin Pundalik, and visited the Hoshangabad district of Madhya Pradesh to study the entire stratigraphic succession of the Narmada Basin.

This year, our undergraduate and postgraduate students visited many reputed institutes and organizations for internships. Five T.Y.B.Sc students joined IIT Bombay for projects, two S.Y.B.Sc students interned with the Directorate of Geology and Mining, Dibrugarh, and one student underwent a month-long training with Fugro Geotech (India) Pvt. Ltd.

The post-graduate students successfully completed internships at either various reputed institutes or well-respected organizations. Mr. Eshan Pansare and Mr. Sarvesh completed a summer course in palaeontology at the Agharkar Research Institute, Pune; Mr. Shantapriya Mukherjee completed an internship from Indian Institute of Science, Bangalore. As a contribution of science to society, Ms. Shiba Nikalje, a final year M.Sc. student, actively participated in the Narmada Bachao Andolan and studied the effects of the dam from water and soil samples collected downstream. Mr. Arnav Samant completed a nine-week internship at Environmental Resource Management Pvt. Ltd. (ERM).

On the 23rd of January, 2019, in an attempt to motivate students towards higher learning in geology and help them identify academic options overseas, a guest lecture, covering topics about the Swiss educational system, the University of Lausanne, and its Earth Sciences department, as well as the Swiss Government scholarship system, was organized in collaboration with the Swiss Embassy. Professor Jean-Luc Eparad of the University of Lausanne, and Professor Sandeep Singh of the Indian Institute of Technology-Roorkee informed students about opportunities in Switzerland, and also delivered a brief lecture on their areas of geological interest.

To draw from the expertise of industry professionals, on the 27th of February 2019, the department invited Dr. Devesh Mishra (Ex-General Manager-ONGC) to talk about the “Elements of Hydrocarbon Exploration & Production”.

As a part of an outreach program aimed at updating knowledge, a national workshop on ‘Structural Geology and Tectonics’ was organized

in collaboration with IIT Bombay and Springer (between the 1st and 6th July 2018). Prof. Soumyajit Mukherjee from the Department of Earth Sciences, IIT Bombay, was the Co-coordinator of this workshop, which was attended by participants and resource personnel from various institutes all over India, and the department.

In order to promote studies in palaeontology - the fascinating subject dealing with fossils - the Paleontological Society of India had set-up student chapters all over the country. The department volunteered to establish the western Pune-Mumbai student chapter and is now responsible for the chapter's Mumbai branch. Currently, Dr. Shweta Gurav-Patil is the convener for this Mumbai chapter.

Besides teaching, department faculty members have been active in the field of research and consultancy.

Three research papers were published this year in international journals:

1. Hrishikesh Samant et al., 2019 ‘40Ar/39Ar dating of tholeiitic flows and dykes of Elephanta Island, Panvel flexure zone, western Deccan Traps: A five-million-year record of magmatism preceding India-Laxmi Ridge-Seychelles breakup’. Journal of Volcanology and Geothermal Research 379:12-22. DOI: 10.1016/j.jvolgeores.2019.05.004.
2. Shweta S. Gurav & Kantimati G. Kulkarni, 2019 ‘Formanifera-walled *Schaubcylindrichnus coronatus* Frey and Howard, 1981, from the Middle Eocene, Kachchh, Western India’. Ichnos, 26 (2), 134-140. DOI: 10.1080/10420940.2018.1532897
3. Shweta S. Gurav & Kantimati G. Kulkarni, 2018

‘Natural casts of early Eocene *Entobia* from the Kachchh Basin, India’. Ichnos, 25 (4), 261-268. DOI:10.1080/10420940.2017.1308864

Dr. Ashwin Pundalik received the award in “छंदश्री आंतरराष्ट्रीय दिवाळी अंक स्पर्धा” for his article published in the Marathi magazine “मौजे दिवाळी अंक 2018”.

Dr. Hrishikesh Samant and Dr. Bobby Mathew were sanctioned minor research grant from Mumbai University. Dr. Bobby Mathew's research project dealt with morphometric analysis and hydrogeological investigation of a sub-watershed of Vaitarana, Riber Palgar District, Maharashtra. Whereas the project by Dr. Samant aimed at mapping and spatial analysis of Petroglyphs in Ratnagiri District of Maharashtra. A drone with a camera facility was added to the current infrastructure of the department from the grant received under this project.

Our faculty members have also attended various conferences, workshops, and seminars:

Dr. Pravin Henriques participated in ‘Fostering entrepreneurship’, a national seminar conducted under the patronage of the Rashtriya Uchchar Shiksha Abhiyan (RUSA) on the 3rd of February, 2019.

Dr. Ashwin Pundalik presented a paper at the National Conference and 35th Convention of the Indian Association of Sedimentologists between 3rd and 5th January 2019 at Sagar, Madhya Pradesh.

Dr. Shweta Patil attended a full-time residential programme under the MHRD's Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme for the induction of college teachers at Indian Institute of Science Education and Research (IISER), Pune. This was held from 12th Nov – 8th Dec 2018 at IISER, Pune.

Dr. Bobby P Mathew attended a UGC sponsored short term course on ‘Effective Teaching Strategies, held from 11-16th June 2018 at UGC-HRDC, University of Mumbai.

Dr. Pravin J. Henriques and Dr. Bobby P. Mathew were invited to join the Board of Studies of the Department of Geology, K.J Somaiya College of Science & Commerce, Vidyavihar.

Dr. Goutam Bandyopadhyay, Dr. Ashwin Pundalik and Mr. John D'Souza have been instrumental in generating revenue for the department and college through their consultancy in petrography. Our clients include L&T,

DBM Geotechnics & Construction Pvt. Ltd., and S&R Geotech Pvt. Ltd.

The department also offers a Diploma and Certificate course in Gemology with Dr. Pravin continuing as the consultant faculty and in-charge.

Dr. Samant was invited to be a member of the Maharashtra State Bureau of Textbook Production & Curriculum Research, 'Balbharati' - Geology Board.

Mr. John D'Souza continues to be the assistant warden of the hostel.

This academic year also witnessed new

faculty members joining and some proceeding for other venues. After a long and illustrious term, Dr. Goutam Bandyopadhyay superannuated in February 2019. Dr. Goutam had worked in the cement industry (Associated Cement Company) for over a decade before deciding that his true calling was teaching. He subsequently quit the industry and joined the department in 2001. While in the industry, he was, for the most part, exploring for minerals in India and Africa. He brought his experiences to the classroom through his teachings, peppering his lectures with anecdotes of his field adventures

in India and Africa. He is known for his sweet tooth and merry demeanor. Mr. Vibhas Shevde and Mr. Suraj Vicchi, both alumni of the department, and Mr. Narayan Bose from IIT Bombay joined the department on a short-term teaching assignment. Mr. Vibhas Shevde later joined IISER, Pune, while Mr. Narayan Bose is currently pursuing his postdoctoral research at IIT Kharagpur.

Dr. Pravin J. Henriques
Head, Department of Geology

हिंदी-विभाग : शैक्षणिक गतिविधियाँ

अतिथि व्याख्यान (Guest Lectures)

हिंदी - विभाग द्वारा दि. ६/८/२०१८ को बी. ए. (द्वितीय वर्ष) के विद्यार्थियों के लिए रेडियो तथा विज्ञापन शीर्षक पर अतिथि व्याख्यान का आयोजन किया गया। इस अवसर पर आकाशवाणी मुंबई के पूर्व उद्घोषक श्री आनंद सिंह ने हमारे विद्यार्थियों का मार्गदर्शन किया। अतिथि व्याख्याता महोदय के सुदीर्घ अनुभव से हमारे विद्यार्थी लाभान्वित हुए।

हिंदी - विभाग द्वारा दि. ११/०९/२०१९ को बी. ए. (द्वितीय वर्ष) के विद्यार्थियों के लिए अतिथि व्याख्यान का आयोजन किया गया। अतिथि व्याख्यान के दौरान हिंदुस्तानी प्रचार सभा के कार्यक्रम अधिकारी श्री संजीव निगम ने हमारे विद्यार्थियों को 'टेलीविज़न, फिल्म तथा विज्ञापन लेखन' संबंधी जानकारी प्रदान की। अतिथि व्याख्यान के अंत में अतिथि वक्ता श्री संजीव निगम जी ने विद्यार्थियों के प्रश्नों के उत्तर देते हुए उनकी शंकाओं का समाधान किया।

हिंदी - विभाग द्वारा दि. १८/१/२०१९ को बी. ए. (द्वितीय वर्ष) के विद्यार्थियों के लिए टेलीविज़न पटकथा एवं संवाद लेखन शीर्षक पर एक अतिथि व्याख्यान का आयोजन किया गया। इस मौके पर 'अरविंद बब्ल टेलीविज़न प्रॉडक्शन प्राइवेट लिमिटेड' की निर्देशक श्रीमती रेखा बब्ल ने हमारे विद्यार्थियों का मार्गदर्शन किया। रेखा जी ने छात्र-छात्राओं के साथ अपने अनुभव साझा करते हुए उन्हें एक कविता भी सुनाई।

हिंदी - विभाग ने १८/०२/२०१९ बी. ए. (द्वितीय वर्ष) के विद्यार्थियों के लिए एक अतिथि व्याख्यान का आयोजन किया। इस अवसर पर वरिष्ठ लेखिका एवं हिंदी - विभाग की पूर्व प्रमुख डॉ. आशा नैथानी दायमा ने हमारे विद्यार्थियों का 'फिल्म पटकथा एवं संवाद लेखन' शीर्षक पर मार्गदर्शन किया। उनके

सुदीर्घ अनुभव से हिंदी के अतिरिक्त बी. एम. एम. के विद्यार्थी भी लाभान्वित हुए। उनके रोचक एवं ज्ञानवर्धक व्याख्यान से सभी विद्यार्थी विशेष रूप से बी. एम. एम. के विद्यार्थी बहुत अधिक लाभान्वित एवं प्रभावित हुए।

रोजगारपरक अतिथि व्याख्यान : हिंदी - विभाग द्वारा संत जेवियर स्वायत्त महाविद्यालय के सभी विद्यार्थियों के लिए 'संघ लोक सेवा आयोग' (UPSC) प्रवेश परीक्षाओं की पूर्व तैयारी पर एक अतिथि - व्याख्यान दि. १२ फरवरी १९ को महाविद्यालय के हॉल में आयोजित किया गया। इस कार्यक्रम के प्रमुख वक्ता श्री कृष्णप्रकाश (I.P.S, I.G VIP Security, Maharashtra) ने हमारे विद्यार्थियों का मार्गदर्शन किया। आई. जी. महोदय ने कार्यक्रम के अंत में विद्यार्थियों के साथ अपने अनुभव साझा किये, अतिथि वक्ता ने कुछ विद्यार्थियों द्वारा पूछे गए प्रश्नों के उत्तर भी दिये।

इस अतिथि व्याख्यान से १३० विद्यार्थी लाभान्वित हुए। कु. मोनाली राजेश गुप्ता बी. ए. (द्वितीय वर्ष) ने अतिथि महोदय का परिचय प्रस्तुत किया। बी. ए. (प्रथम वर्ष) की कु. सुकृता लोटलीकर तथा कु. धनश्री ने अतिथि वक्ता का स्वागत किया। हिंदी - विभाग के डॉ. भगवती प्रसाद उपाध्याय ने आई. जी. साहब तथा सभी प्रतिभागियों के प्रति आभार व्यक्त किया।

शैक्षणिक भ्रमण (Field Visit) : हिंदी - विभाग द्वारा दि. १/०८/२०१८ को बी. ए. (द्वितीय वर्ष) के विद्यार्थियों के लिए एक शैक्षणिक भ्रमण (Field Visit) का आयोजन किया गया। इस कार्यक्रम के अंतर्गत विद्यार्थियों को सुप्रसिद्ध रंगकर्मी श्री मुजीब खान द्वारा संचालित ID & EC आईडियल ड्रामा एंड इंटरटेन्मेंट कंपनी, अंधेरी स्थित स्टूडियो ले जाया गया। वहाँ विद्यार्थियों ने मुंशी प्रेमचंद जी की

कहानियों पर आधारित चार नाटकों का अवलोकन किया। चारों नाटक शिक्षाप्रद एवं रोचक थे।

हिंदी - विभाग द्वारा दि. ८/०९/२०१८ तथा ९/०९/२०१८ को १५ घण्टे की कार्यशाला (ऑनर्स प्रोग्राम) का आयोजन किया गया। पहले दिन शनिवार को डॉ. विभा रानी ने छात्र - छात्राओं को थियेटर संबंधी व्यावहारिक जानकारी से अवगत कराया। विद्यार्थियों को कुछ अभ्यास करने के लिए दिये गये। विद्यार्थी इस क्रिया - कलाप में पूरी तरह सम्मिलित हुए। नाटक की पूर्व तैयारी के तौर पर विद्यार्थियों को विभा रानी जी ने कई प्रकार के कायिक, वाचिक तथा मानसिक अभ्यास करवाये। विभा जी ने विद्यार्थियों में आत्मविश्वास जागृत करने तथा स्टेज के डर को दूर करने के उपाय बताये।

दूसरे दिन रविवार को श्री मुजीब खान ने विद्यार्थियों को रंगमंच तथा फिल्म की बारीकियों से अवगत कराया। उनकी बेटी ने विद्यार्थियों को संवादों तथा अभिनय के संबंध में कुछ महत्वपूर्ण बातें बतायीं। उनके विद्यार्थी श्रीवास्तव जी ने अकेले ही प्रेमचंद जी की कहानी का नाट्यरूपांतर प्रस्तुत किया। श्रीवास्तव जी ने बड़े भाई साहब का नाट्यरूपांतर प्रस्तुत करते समय दोनों भाइयों की भूमिका स्वयं ही अदा की। उनके इस अभिनय से विद्यार्थियों ने चेहरे के हाव-भाव, संवाद, शरीर की भंगिमा तथा आवाज़ (ध्वनि) के आरोहण-अवरोहण संबंधी टिप्स प्राप्त किये। कार्यक्रम के अंत में विद्यार्थियों को लिखित कार्य दिया गया। जिसे विद्यार्थियों ने बड़े मनोयोग से पूरा किया। १५ घण्टे के इस ऑनर्स प्रोग्राम में २१ विद्यार्थियों ने भाग लिया। इसमें से एक छात्रा विज्ञान विषय की भी थी।

कार्यशाला का आयोजन (Workshop Organized) : हिंदी - विभाग के डॉ. भगवती प्रसाद उपाध्याय ने दि. ७/०९/२०१९ को बी.

ए. (प्रथम वर्ष) के विद्यार्थियों के लिए 'परीक्षा का तनाव कैसे कम करें' शीर्षक पर एक कार्यशाला का आयोजन किया।

इस कार्यशाला में डॉ. भगवती प्रसाद उपाध्याय ने विद्यार्थियों को परीक्षा के दौरान 'तनाव एवं दबाव' कम करने के लिए कुछ टिप्स दिए। भगवती द्वारा विद्यार्थियों को एकाग्रता, संयोजन तथा संतुलन आदि विकसित करने के उपाय भी बताये गए। छात्रों को Content संबंधी Tips & Tricks भी दिए गए, ताकि वे परीक्षा में अधिक-से-अधिक अंक प्राप्त कर सकें।

समाज सेवा संबंधी कार्य : (SIP)

हिंदी-विभाग द्वारा आयोजित SIP कार्यक्रम में इस वर्ष १६० छात्र - छात्राओं ने भाग लिया। विद्यार्थियों ने हिंदी SIP कार्य को तीन वर्गों में पूर्ण किया। पहले वर्ग में विद्यार्थियों ने Municipal School के विद्यार्थियों के लिए हिंदी भाषा तथा सामान्य ज्ञान संबंधी चार्ट तैयार किये। कुछ विद्यार्थियों ने कुछ NGO's गैर सरकारी संस्थाओं के लिए भी हिंदी में चार्ट बनाये।

दूसरे वर्ग में विद्यार्थियों ने दृष्टिबाधित Visually Challenged विद्यार्थियों के लिए Content Recording का कार्य किया। कुछ छात्रों ने V. C. Students के लिए Assignments लिखे। कुछ ने परीक्षा के दौरान उन्हें लिखने में Writer के रूप में सहायता प्रदान की। तीसरे वर्ग के अंतर्गत दस विद्यार्थियों ने महाविद्यालय परिसर की स्वच्छता अभियान में भाग लिया।

डॉ. भगवती प्रसाद उपाध्याय ने डॉ. एनेलो सर की सलाह पर स्वच्छता पर आधारित ८ स्लोगन लिखे। इसके साथ ही डॉ. भगवती ने महाविद्यालय परिसर स्वच्छता गीत भी लिखा, जिसे हिंदी - विभाग तथा SIP में Recording के बाद भविष्य के लिए सुरक्षित रखा जाएगा।

दि. १६/१०-२०१८ को डॉ. भगवती प्रसाद उपाध्याय ने आकाशवाणी मुंबई (All India Radio Mumbai) से विश्व खाद्य दिवस (World Food Day) के अवसर पर 'भोजन तथा चिंतन' शीर्षक पर १० मिनट की वार्ता प्रस्तुत की।

कवि सम्मेलन : हिंदी - विभाग द्वारा दि. ७/८/२०१८ को विद्यार्थियों द्वारा एक कवि सम्मेलन का आयोजन किया गया। इस कार्यक्रम में कु. साक्षी चौहान, वेदांत शुक्ला, शुभम् शुक्ला, शुभम् गुप्ता, यथार्थ गुप्ता सहित कई विद्यार्थियों ने स्वरचित कविताएँ प्रस्तुत कीं। कवि - सम्मेलन में स्टाफ के प्रो. अवकाश जाधव तथा स्टाफ रूम के कर्मचारी श्री महादेव जी ने भी अपनी-अपनी (स्वरचित) कविताएँ प्रस्तुत की थीं। इस कार्यक्रम में संत जेवियर्स स्वायत्त महाविद्यालय के

दोनों प्राचार्य डॉ. एनेलो एम. तथा नवीन प्राचार्य डॉ. राजेंद्र शिंदे ने उपस्थित रहकर विद्यार्थियों का उत्साह बढ़ाया। इस अवसर पर जूनियर कॉलेज के प्राध्यापक श्री हसनैन नकवी, श्री प्रवीण, श्री पाण्डे, प्रा. श्रीमती मनीषा पाटिल आदि भी उपस्थित रहे।

कॉलेज परिसर के रेक्टर डॉ. (फादर) कीथ डिसूजा ने स्वयं उपस्थित रहकर हमारा मनोबल बढ़ाया। फादर रॉय अपनी प्रायोगिक कक्षाओं के कारण उपस्थित नहीं हो पाये, किंतु उन्होंने लिखित संदेश भेजकर हिंदी - विभाग का मनोबल बढ़ाया।

कुल मिलाकर बहुसंचार कक्ष में आयोजित इस कार्यक्रम में विद्यार्थियों ने बड़े हर्ष और उत्साह के साथ कवि - सम्मेलन में भाग लिया। MMR इतना खचाखच भरा हुआ था कि कई विद्यार्थी जमीन पर ही बैठ गये, कई विद्यार्थी दरवाजों के पास खड़े रहकर कविताओं का आनंद लेते रहे।

प्रपत्र प्रस्तुतिकरण (Paper Presentation) :

डॉ. भगवती प्रसाद उपाध्याय ने दि. ७/१२/२०१८ को बिड़ला कला, विज्ञान तथा वाणिज्य महाविद्यालय, कल्याण द्वारा आयोजित अंतरराष्ट्रीय संगोष्ठी में 'हिंदी तथा मराठी का अंतःसंबंध' शीर्षक पर प्रपत्र प्रस्तुत किया।

डॉ. भगवती प्रसाद उपाध्याय ने दि. १२/१२/२०१८ को श्री एम. डी. शाह महिला महाविद्यालय, मलाड द्वारा आयोजित राष्ट्रीय संगोष्ठी में 'जनसंचार माध्यम, शिक्षा तथा साहित्य की साझी जिम्मेदारियाँ' शीर्षक पर प्रपत्र प्रस्तुत किया।

डॉ. भगवती प्रसाद उपाध्याय ने दि. २३/०३/२०१९ को 'एस. आइ. ई. एस. कॉलेज', सायन द्वारा आयोजित राष्ट्रीय संगोष्ठी में '२१ वीं सदी की कविताओं में स्त्री विमर्श' शीर्षक पर प्रपत्र प्रस्तुत किया।

विद्यार्थी कल्याण कार्य (Students' Welfare)

: हिंदी - विभाग के डॉ. भगवती प्रसाद उपाध्याय द्वारा बी. ए. (प्रथम वर्ष) के २५ विद्यार्थियों की mentoring करते हुए, उन्हें अकादमिक सलाह एवं वैयक्तिक सहायता प्रदान की गयी।

डॉ. भगवती ने कुछ दृष्टिबाधित विद्यार्थियों तथा दो आर्थिक रूप से कमजोर विद्यार्थियों को कॉलेज से छात्रावृत्ति एवं Mess Money दिलाकर उनकी आवश्यकतानुसार सहायता प्रदान की, ताकि वे मानसिक रूप से तनावमुक्त होकर अध्ययन कर सकें।

हिंदी - विभाग के डॉ. भगवती प्रसाद उपाध्याय ने इस शिक्षा सत्र के दौरान Additional Exam Committee, Magazine Committee तथा Incusion Cell के सदस्य के तौर पर अपनी

सेवाएँ प्रदान कीं। इसके अतिरिक्त रसायन विज्ञान विभाग द्वारा आयोजित अंतरराष्ट्रीय संगोष्ठी में आयोजन समिति के सदस्य के रूप में भी अपनी सेवाएँ प्रदान कीं।

विशेष उपलब्धियाँ (Special Achievements)

: दि. ५/३/२०१८ को कु. जिनिया चट्टोपाध्याय बी. ए. (प्रथम वर्ष) तथा कु. नूपुर जोशी, बी. ए. (प्रथम वर्ष) ने बी. एम. रुइया गर्ल्स कॉलेज द्वारा आयोजित अंतरमहाविद्यालयीन हिंदी भजन प्रतियोगिता में हमारे महाविद्यालय का प्रतिनिधित्व किया। दोनों छात्राओं ने संयुक्त रूप से 'प्रथम स्थान' प्राप्त करते हुए Rolling Trophy विजयपदम पर अपना अधिकार प्राप्त किया। छात्राओं के इस सामूहिक कार्य (Team Work) की सराहना करते हुए महाविद्यालय के हिंदी - विभाग द्वारा दि. ११/०३/२०१९ को उन्हें SCAVI में सम्मानित किया गया।

दि. १५/०९/२०१८ को कु. अनश्रुता बैनर्जी बी. ए. (प्रथम वर्ष) ने बी. एम. रुइया गर्ल्स कॉलेज, मुंबई द्वारा आयोजित अंतरमहाविद्यालयीन वाक् प्रतियोगिता में हमारे महाविद्यालय का प्रतिनिधित्व किया। कु. अनश्रुता ने मुंबई विश्वविद्यालय तथा एस. एन. डी. टी. महिला विश्वविद्यालय से संबद्ध कॉलेजों को पीछे छोड़ते हुए 'प्रथम स्थान' प्राप्त किया। छात्रा की इस उपलब्धि के लिए हिंदी - विभाग द्वारा उसे दि. ११/०३/२०१९ को SCAVI में पूर्व प्राचार्य डॉ. एनेलो एम. तथा फादर प्रॉसिस के कर कमलों से सम्मानित किया गया।

दि. १९/०९/२०१८ को कु. मोनाली राजेश गुप्ता, बी. ए. (द्वितीय वर्ष) की छात्रा ने रामनारायण रुइया कॉलेज, मुंबई द्वारा 'शिक्षा में मातृभाषा का योगदान' शीर्षक पर आयोजित अंतरमहाविद्यालयीन वाक्-स्पर्धा में 'प्रथम स्थान' प्राप्त किया। छात्रा की इस उपलब्धि के लिए हिंदी - विभाग द्वारा दि. ११/३/२०१९ को उसे SCAVI में सम्मानित किया गया।

कु. मोनाली राजेश गुप्ता, बी. ए. (द्वितीय वर्ष) ने दि. ८/१/२०१९ को महाराष्ट्र कॉलेज, मुंबई द्वारा 'भारतीय सैनिक का योगदान' शीर्षक पर आयोजित अंतरमहाविद्यालयीन वाक् स्पर्धा में पुनः हमारे महाविद्यालय का प्रतिनिधित्व किया। अपनी भाषिक प्रतिभा का परिचय देते हुए छात्रा ने एक बार फिर से 'प्रथम स्थान' प्राप्त किया। छात्रा की भाषिक बुद्धिमत्ता एवं इस उल्लेखनीय योगदान के लिए हिंदी - विभाग ने दि. ११/०३/२०१९ को उसे SCAVI में सम्मानित किया।

कु. साक्षी चौहान, बी. एस. सी. (द्वितीय वर्ष) ने दि. १२/०१/२०१९ को बी. एम. रुइया गर्ल्स कॉलेज, मुंबई द्वारा आयोजित अंतरमहाविद्यालयीन स्वरचित कविता पाठ प्रतियोगिता में हमारे

महाविद्यालय का प्रतिनिधित्व किया। छात्रा ने अपनी मार्मिक कविता सुनाकर 'प्रथम स्थान' प्राप्त किया। कु. साक्षी की संवेदनशीलता तथा भाषिक बुद्धिमत्ता के लिए हिंदी - विभाग ने दि. ११/०३/२०१९ को छात्रा का सत्कार किया।

कु. ज़ीबा काजी, बी. ए. (द्वितीय वर्ष) ने दि. १७/०४/२०१९ को श्री. एम. डी. शाह महिला महाविद्यालय, मलाड द्वारा आयोजित अंतरमहाविद्यालयीन वाद - विवाद प्रतियोगिता में हमारे महाविद्यालय का प्रतिनिधित्व करते हुए 'द्वितीय स्थान' प्राप्त किया। छात्रा के इस कार्य हेतु उसे हिंदी - विभाग द्वारा दि. ११/०३/२०१९ को SCAVI में सम्मानित किया गया।

विद्यार्थियों का सत्कार तथा हिंदी - विभाग की पत्रिका का विमोचन :

हिंदी - विभाग द्वारा दि. ११/०३/२०१९ को SCAVI में विद्यार्थियों के लिए एक सत्कार समारोह का आयोजन किया गया।

इस अवसर पर अंतरमहाविद्यालयीन हिंदी प्रतियोगिताओं में 'प्रथम स्थान' प्राप्त करने वाली सभी छात्राओं का सत्कार किया गया। छात्राओं को प्रशस्ति-पत्र के अतिरिक्त झाड़ू भेंट किया गया। झाड़ू केवल स्थान की स्वच्छता का ही प्रतीक नहीं है, बल्कि इसे व्यवस्था (System) की स्वच्छता का भी प्रतीक मानकर विद्यार्थियों को यह संदेश दिया गया कि वे संत जेवियर कॉलेज के दूत के रूप में जिस विभाग में भी कार्य करें, उस विभाग को स्वच्छ रखें। यह झाड़ू उन्हें बार - बार अपने उत्तरदायित्व

की याद दिलाता रहेगा।

इस मौके पर Lingua 2018-19 के अंतर्गत अपनी महत्वपूर्ण भूमिका निभाने वाले विद्यार्थियों को भी पुस्तकें भेंट करते हुए सम्मानित किया गया।

हिंदी - विभाग ने कु. आफरीन हैदर खान को विशेष रूप से सम्मानित किया। हिंदी वार्षिक पत्रिका 'अंकुर' का विमोचन महाविद्यालय के पूर्व प्राचार्य डॉ. एग्नेलो एम. तथा फादर डॉ. फ्रांसिस डी मेलो के कर पल्लवों से संपन्न हुआ। प्रबंधन के डॉ. फ्रांसिस डी मेलो साहब ने पूरे कार्यक्रम की वीडियो रिकॉर्डिंग भी की थी। हिंदी - विभाग आप दोनों के प्रति आभार व्यक्त करता है।

Dr. Bhagwati Upadhyay
Head, Department of Hindi

HISTORY



Every year the History department organises field visits, guest lectures and other extra-curricular activities to ensure a holistic learning experience. The department undertook the following events this year:

26th June, 2018: Visit to the Heras Institute

As part of the applied paper on Museology and Museum Studies, Ms. Kaizeen Jehangir organised a field visit of the third year History students to the Heras Institute in St. Xavier's College, Mumbai. Ms. Shilpa discussed several aspects of a museum such as the ergonomics of display and design, the issues of representation and inclusion, the processes of conservation and the procedure of acquisition, etc. in detail. Students were informed about some of the unique artifacts like the statue of Lord Ganesh's female form and Gautam Buddha with a moustache and curly hair.

5th July, 2018: Visit to the Commissioner of Railway Safety

A team of six students from the third year led by Dr. Avkash Jadhav visited the Commissioner of Railway Safety of the Western circle. The visit followed a notification in the newspaper for an open enquiry by the public after the Andheri bridge collapse. The team raised questions about the safety of commuters and discussed the accountability of the authorities. A letter to the CRS enlisting concerns of the citizen was drafted and signed. The initiative was covered by Navbharat Times, Lokmat, Maharashtra Times, Hindustan Times and The Afternoon.

7th and 9th July, 2018: Visit to the Heras Insitute

Dr Avkash Jadhav organised a guided tour to the Heras Institute for the students of the second year. The tour introduced them to a variety of

sources needed for reconstructing the history of Ancient Indian Civilizations like Mohenjodaro and Harappa. Ms. Shilpa informed the students about various seals and artifacts that the museum holds.

14th July, 2018: Visit to the Tuberculosis Hospital in Sewri

Dr. Avkash Jadhav along with three students from the third year visited the tuberculosis hospital in Sewri in order to donate books and inaugurate the first ever reading space in a hospital in the city. Over 600 books were collected for this initiative by conducting a book donation drive in St. Xavier's College. Students interacted with the doctors, nurses, security officials, sanitation workers and patients; most of whom were children. The initiative was appreciated by Mumbai Live and My Medical Mantra.

16th July, 2018: Meeting with the Mayor and Municipal Commissioner of Mumbai

Following the visit to the tuberculosis hospital, Dr. Avkash Jadhav met Mr. Ajoy Mehta, former Municipal Commissioner of Mumbai, Dr. Archana Bhalerao, Chairperson of the Health Committee and Mr. Vishwanath Mahadeshwar, Mayor of Mumbai. In the meeting, Dr. Jadhav discussed how similar reading spaces and libraries can be started in other hospitals.

6th August, 2018: Guest Lecture on the Aligarh Movement

As a part of the initiative 'Windows of Social Sciences' introduced by Dr. Avkash Jadhav in 2007, a guest lecture was delivered by Prof. Hasnain Naqvi, Head of the History Department of Junior College. Prof. Naqvi discussed the role of Sir Syed Ahmed Khan, the Aligarh Movement and the Aligarh Muslim University in the lecture. The lecture gave insights about the role of the Indian Muslims in the freedom struggle and the social reform movements initiated by the community.

14th August, 2018: Visit to the Blatter Herbarium and Geology Department

Ms. Kaizeen Jehangir organised a visit to the Blatter Herbarium and Geology department of St. Xavier's College, Mumbai for the third year History students. The visit was a part of the applied paper on Museology and Museum Studies. It offered students the opportunity to understand the processes of display, preservation and conservation, especially of vulnerable specimens.

21st August, 2018- Visit to the Chhatrapati Shivaji Maharaj Vastu Sangrahalaya

Ms. Kaizeen Jehangir organised a visit to the Chhatrapati Shivaji Maharaj Vastu Sangrahalaya for the third year History students. Ms. Vaidehi, Manager for International Relations of the museum discussed various aspects like the security of the museum, funding, footfall, architecture, public outreach efforts and the social causes endorsed by the institution etc. with the students. Post the interactive session, students were encouraged to explore the museum in order to gain a better understanding of the working of the museum.

29th August, 2018: Exhibition by the students of Third Year History

Under the guidance of Dr. Avkash Jadhav, the students of Third Year History organised an exhibition on the role of Bombay in India's freedom struggle in the college hall. The exhibition titled - Muqammal-e-Azaadi: the untold story of freedom was an attempt to bring to the

forefront personalities and events that played a significant role in the past but have strayed away from the mainstream narrative. The exhibition was well received by students, teachers and visitors from across several institutions. On this occasion, students commemorated 150th birth anniversary of Mahatma Gandhi by paying tribute to him. The exhibition was inaugurated by a veteran Gandhian Mr. Parikh from the Yusuf Meher Ali Institute. Padma Bhushan awardee and I.P.S officer Mr. Julio Rebeiro graced the occasion as the guest of honour along with noted Historians Prof. Dr. Arvind Ganachari and Dr. Manjiri Kamat. Support extended by Dr. (Fr.) Keith D'Souza (Rector), Dr. Rajendra Shinde (Principal) and Prof. Hasnain Naqvi went a long way in making the exhibition a successful one.

10th September, 2018: Mapping the Heritage Structures of Mumbai

The students of second year History catalogued and mapped structures that featured on the BMC's heritage list over a period of two months. Students even went a step ahead and came up with a list of structures that were poorly maintained for BMC's reference.

22nd September, 2018: Guest Lecture on Archiving

Ann Peter and Deepti Anand, head of operations and strategy from Past Perfect- an archival research agency delivered a lecture on archiving. The lecture helped students understand the processes, ethics, functioning, types and concepts of archiving and archival institutions.

26th September, 2018- Exhibition by the students of First Year History

The students of the first year History under the guidance of Dr. Avkash Jadhav conducted an exhibition titled 'Renaissance: When Art Met Spirit'. The exhibition was graced Dr. M.D. David, former head of History department at the University of Mumbai. Mr. Vidyadhar Date, a senior journalist from The Times of India was the guest of honour. The exhibition extensively covered the period of Renaissance along with separate sections on literature and music. The exhibition also conducted quizzes, activities, games and a tattoo

stall in order to encourage audience interaction.

19th November, 2018- Visit to the KR Cama Oriental Institute

The students of third year History attended an exhibition titled 'Forts of Maharashtra: Conserving the Past for the Future' at the KR Cama Oriental Institute. It was organised by the Archaeological Survey of India, Mumbai Circle, the Directorate of Archaeology and Museums and by the K R Cama Oriental Institute to commemorate World Heritage Week. The exhibition displayed the efforts taken towards conserving the forts of Maharashtra. Through the exhibition, students learnt about the architecture of forts and the importance of conserving them.

21st November, 2018- Clean up drive at SGNP

Dr. Avkash Jadhav organised a clean-up drive at the Sanjay Gandhi National Park along with 120 students from the college. Dr. Jadhav has been conducting these drives since the year 2000 in order to make students aware of their social responsibilities. The team also visited the Kanheri caves located within the park.

26th November, 2018 – Candlelight March to Corporation Bank

The Department of History paid tribute to the martyrs of the 26/11 terrorist attacks by organizing a candle march of over 200 students in the lane adjacent to St. Xavier's College, where three of Mumbai's top police officers were martyred. The event was attended by ACP Mr. Vasant Dhoble. The event ended with the national anthem and an emphasis on the need to sensitize students about the brutality of the incident. Dr. Jadhav has been organizing the march for last ten years.

Faculty Report-Head and Associate Professor Dr. Avkash Jadhav

PhD: Avkash Jadhav successfully completed his Ph D on 'The Emergence and Growth of the Labour movement in Bombay: A Historical study (1920-1945) from the University of Mumbai. His Viva Voce was conducted on 18th

March, 2019. The link to his Ph D is on Shodhganga @INFLIBNET link of the Ph D Thesis: <http://hdl.handle.net/10603/238588>

National Award: Swami Vivekanand Award of Excellence for 2019, in the category of Social Work and Environmental Activism. The Award is conferred by SEVA, Youth Guild, Dakshini Kalikata Krira O Sanskriti Parishad. Affiliation to NKYS and Ministry of Sports and Youth Affairs Department, Government of India, March 2019.

Editorial Boards:

- 1) On the Scientific Committee and Editorial Board of Three International Journals, Madrid, Spain.
 - a) International Community of Visual Culture,
 - b) International Community of Social Sciences,
 - c) International Community of Human Sciences.
- 2) On the Editorial Board of International Journal Association of Humanities and Management
- 3) On the Editorial Board of Indian Journal of Socio Legal Studies and Chhattisgarh Law Journal, International Bi- Annual Refereed/ Peer Reviewed Journal.
- 4) Reviewer on the Online Journal of Bodhi Path.

Seminars and conferences:

- 1) Invited to Chair a session and present paper at ISSC Conference on "Logic of Image: Visual Learning Logic and philosophy of Form in the East and the West" organized by the International Society for the Interdisciplinary Study of Symmetry and the University of the Aegean, Lab of Mathematics Education and Multimedia, the Hellenic Open University, the National Technical University of Athens, the Sociedad de Estudios Morfológicos de la Argentina (SEMA), the Institute for Strategy of Education Development of the Russian Academy of Education,

the Academy of Institutions and Cultures. Presented a research paper on '*Metaphysical and Spiritual aspects of Religious Symbols in Ancient India*'. Also chaired the symposium 'Sign and Image in Eastern Culture' in Kolymbari, Crete, Greece, 11-18 August 2018.

- 2) Participated in the event as Special Invitee by The Netherland Consulate at World Trade Center, Mumbai on the special screening and exhibition of Diary of Ann Frank on 28th August, 2018.
- 3) Participated and **Chaired (Technical Session II)** and presented research paper on '*Pandharpur: The Epitome of Cultural Unity and Religious Reformation during Medieval India*' at the National Seminar on The Evolution of Composite Culture in Medieval India organized by the Department of History, Faculty of Social Sciences, Banaras Hindu University in Collaboration with Centre for Study of Social Exclusion & Inclusive Policy, BHU on 14-15 September, 2018.
- 4) Participated and presented a research paper on '*Politics of Marginalization: Reflections in literature on victimization and alienation of the working class in Bombay*' in International Seminar on 'Literature and Marginalization' scheduled to be held on September 21, 2018 at Seminar Hall, Rajiv Gandhi Centre for Contemporary Studies, University of Mumbai.
- 5) Participated and presented a research paper on '*Buddhism: The Super Mundane Philosophy Transcending Across The Centuries*' at the International Conference on the Concept of Maitri (Metta) in Buddhism organized by the Department of Philosophy, The Centre of Buddhist Studies on 12-14 December, 2018.
- 6) Successfully completed Five Day Training Programme on *Labour Issues and Policies* conducted by Mahatma Gandhi Labour Institute, Ahemdabad Gujarat from 31st December, 2018 to 4th January,

2019.

- 7) Participated in the One day workshop on Self –Learning Material (SLM) organized by the Institute of Distance and Open Learning (IDOL), Kalina campus, University of Mumbai on 31st January, 2019.
- 8) Conducted a workshop for Tata Institute of Social Sciences (TISS) and the N.G.O Indian Association for Promotion of Adoption and Child Care (IAPA) at Khetwadi School for the Foster children on 23rd February, 2019.
- 9) Invited to participate and present research paper on 'Disability and the policy of Inclusion: An introspection through the Survey' at the two day National conference on Disability, Gender and Violence: Issues and Challenges organized by the Center for Women's Development Studies (CWDS) at New Delhi on 25th -26th April, 2019.

Publications:

1. Published article on '*The Transition of political imperialism to economic imperialism: A historical study of the genesis of the native capitalist class in the textile industry of Bombay in the 19th century*' in the International of MIRDEC-4th, International Academic Conference on Social Science, Multidisciplinary and Globalization Studies, 04-07 July 2017, Madrid, Spain Masters International Danismanlik Arastirma Yayincilik Masters International Consultancy Research and Publishing MIRDEC Publishing Istanbul, Turkey (pp 4-17). ISBN: 978-605-82290-0-6
2. Article on '*Meta narratives of Urban Demography: Revisiting Mill lands then and now- A Case study of Mills of Mumbai*', 'Indica', Journal of the Heras Institute of Indian History and Culture Vol.54, September, 2017. Pp.176-190 (ISSN.0019-686X).
3. Publication of the poem titled '*Killing the Dove*', in the Anthology *Symphony of Peace*, Edited by P. Gopichand and P. Nagasuseela, Author Press publication, New

Delhi, 2017.p.48. (ISBN. 978-93-86722-74-4).

4. Publication of the poem titled 'Tabula Rasa', in the book *Remember Me: You Me and Dementia*, Edited by Sailesh Mishra, Silver Innings publication, Mumbai.p.22.(ISBN. 978-93-852221-05-7).
5. Publication of the Article on 'Dr. Ambedkar: Champion of Social liberation and Economic Emancipation' Biz Ness The Research Journal of The NESS WADIA College of Commerce ISSN: 2277-4823 • Pune • Vol. I– Issue VI • January 2018 (Annual). pp.25-28.
6. Edited Book on Modern India, published by Institute of Distance and Open Learning, University of Mumbai. ISBN No. 978-81-929557-0-4. Pp 1-302. December, 2018.
7. Publication of the poem titled 'Vasundhara: Epitome of Peace, in Asian Literary Society's World Peace, Edited by Manoj Krishnan, Author Press publication, New Delhi .p.122.(ISBN. 978-93-88332-03-3).
8. Publication of the article on 'Buddhism: The Super mundane philosophy transcending across the centuries'Journal Bodhi Path, New Delhi. 2019.pp. 17-28 (ISSN 2347-8004)
9. Publication of the article on *The Role of the British Legislations and the working class movement in Bombay: A historical study of the Factory Acts of 1881 and 1891 in India* in the international Peer reviewed Journal The International Social Science Review,Global Knowledge Academia, First Issue 1(1), 2019. pp. 1-10.(ISSN 2629 7500).
10. Publication of the poem titled 'Can you Feel the Love, in Asian Literary Society's gems of Poesy, Edited by Manoj Krishnan, Author Press publication, New Delhi .p.145. (ISBN. 978-93-88332-02-6).

Outreach Efforts by the History

Department:

Initiatives under the guidance of Dr. Avkash Jadhav

TYBA:

Semester 5:

A.HIS.5.02 – The History of Modern India

- **Title: The prominent places in Bombay that featured in the Indian Freedom Struggle**
 - o Activity: Documentary
 - o Number of students involved: 4
 - o Results: A 14-minute documentary prepared, featuring Azad Maidan, Girgaum Chowpatty, Mani Bhavan, GokuldasTejpal Hall, the August Kranti Maidan and the Gateway of India.

A.HIS.5.06 – The Introduction to Cinema in 20th Century Mumbai

- **Title: The changes in the function of the censor board with the evolution of Indian cinema**
 - o Activity: Survey
 - o Number of students involved: 5
 - o Results: 3817 people were successfully surveyed at a number of public and private places such as schools, colleges, trains, offices and residential areas.

Semester 6

A.HIS.6.02 – History of India after Independence (1947-1984)

- **Title: The Partition of India**
 - o Activity: Documentary
 - o Number of students involved: 5
 - o Results: 31 people from communities such as the Parsis, Muslims, Sikhs and Sindhis were interviewed from India, Pakistan and Bangladesh, with the objective of providing primary insights into the lives of those affected by the event. The documentary lasted 52 minutes.
- **Title: The Naga Separatist Movement**
 - o Activity: Documentary

- o Number of students involved: 1
- o Results: 3 esteemed experts were interviewed for a documentary that aimed to document the perspectives of the Nagas themselves and to observe their participation in the movement by taking into account their opinions. The documentary lasted 33 minutes.

• Title: The 1975 Emergency declared under Indira Gandhi

- o Activity: Documentary
- o Number of students involved: 3
- o Results: 6 experts were interviewed who included civilians, historians, religious heads and political party members in order to gain the insights of those who witnessed the Emergency at first hand. The documentary lasted 14 minutes.

• Title: Separatism and the Armed Forces Special Powers Act

- o Activity: Documentary
- o Number of students involved: 4
- o Results: 5 people were interviewed for a documentary that lasted 40 minutes and was made with the objective of bringing to light a balanced perspective that contained the insights of both, the armed forces as well as that of the civilians who either sympathized or were victimized by the insurgency.

A.HIS.6.06 – Introduction to Travel and Tourism in India

• Title: Problems faced by tourists while making bookings or reservations online

- o Activity: Survey
- o Number of students involved: 5
- o Results: 500 people surveyed

• Title: Mumbai as a tourist attraction

- o Activity: Survey
- o Number of students involved: 5
- o Results: 1000 people were surveyed where the participants were asked to rate, on the basis of factors such as accessibility, cleanliness, security

and hospitality. The objective was to pinpoint the areas that facilitate or discourage tourism and subsequently recommend constructive measures.

- **Title: Tourism in Vasai and Virar**

- o Activity: Survey
- o Number of students involved: 2
- o Results: 104 residents of and 30 tourists in Vasai and Virar were surveyed in order to understand the perceptions of tourists and their expectations from Vasai and Virar.

SYBA:

Semester 3:

- **Title: Mapping of the structures featuring in the BMC's heritage list**

- o Activity: Mapping and field research
- o Number of students involved: 20 students
- o Results: The areas mapped were covered on the basis of the BMC

wards and eight maps were prepared at the end. Places included the Sitladevi Temple at Dadar, the Hume Memorial Church at Byculla, the Mahakali Caves, dilapidated buildings of mills in Dadar and Parel and the Magen David Synagogue at Byculla.

- **Title: The Audit of the Archaeological Survey of India**

- o Activity: Survey
- o Number of students involved: 9 students
- o Results: 1000 people surveyed

- **Title: The teaching and learning of history across boards and grades in the schools of Mumbai**

- o Activity: Survey
- o Number of students involved: 16
- o Results: 3000 people surveyed

- **Title: The views of visitors concerning several aspects of the CSMVS**

- o Activity: Survey

- o Number of students involved: 10

- o Results: 3000 people surveyed

- **Title: Kanheri Caves and Tourism**

- o Activity: Survey
- o Number of students involved: 11
- o Results: 3000 people surveyed

- **Title: Ancient sites of Maharashtra**

- o Activity: Survey
- o Number of students involved: 10
- o Results: 1000 people surveyed

- **Title: Sculptures of India**

- o Activity: Survey
- o Number of students involved: 10
- o Results: 1000 people surveyed

The academic year ended on a promising note of attaining new strides in the teaching and learning process of the subject. 'History is a dialogue between Past and Present'. E.H. Carr.

Dr. Avkash Jadhav,
Head, Department of History

INFORMATION TECHNOLOGY

The BSc.IT program offers a wide range of subjects throughout the six semesters which touch upon mathematic abilities, statistical concepts and computer programming (C-language to Adv. Java). The curriculum is designed to focus on three main sectors viz. Programming, Data Analytics, and Artificial Intelligence. The overall objective in regularly updating the syllabus is to equip the students to be industry-ready and get placed immediately after graduation.

Collaborations with Industry:

For long, the Department had the vision to start a specialized MSc. Program. This dream has finally materialized with the launch of MSc. in Big Data Analytics, in collaboration with TCS and Statistics Department of St. Xavier's college. This two-year course will be open to students graduating from mathematics, statistics, computer applications, computer science, and

information technology.

New subjects introduced

“They always say time changes things, but you actually have to change them yourself.” -Andy Warhol. In keeping with the above philosophy, the Department has introduced two new papers in the final year- ITS0602 Image processing & Deep learning and ITS0503 E-commerce & ERP-to the syllabus after the realising the need for Image Processing which has been trending in social media and the way modern business is conducted.

QEP

A 2-credit course on Cloud Computing and IT Trends was offered under the Quest for Excellence programme which was designed and taught by the faculty, **Mrs. Rachana Pandey**. The course attracted 27 students across different streams (12 from FYBSc.IT, 7 from SYBSc.IT, 6 from FY BSc. and 2

from SY BSc.).

It was divided into 2 modules. The first module was based on an introduction to Cloud, Types of Cloud Services, Cloud deployment models and AWS. The second module was an advanced version which covered the concept of Virtualization, types of Hypervisor and levels of Virtualization. The course assessment was carried out in the form of assignments and presentations. **Mr. Subhash Kumar** continues to be the staff co-ordinator of the QEP program as in the past.

Internships

“Tell me and I forget, teach me and I may remember, involve me and I learn.” This quote by Benjamin Franklin embodies the goals of the department. Hence our students are given Projects as part of their CIA-2 Assessment. Furthermore, we motivate them to enrol for Internship Programs

during the Summer and Diwali-break. This sharpens their employability skills and prepares them for the ultimate goal of getting a good placement! Around 12 students interned at companies like *Lighthouse Entertainment, Ruloans Distribution Pvt. Ltd., Layover Café Pvt. Ltd., Benefactory, Billeasy, Campk12*; and held positions such as *Web designer/developer, Business Development intern, Java instructor*, etc.

Teaching - Learning

Apart from the classic chalk and talk technique, 80% of our lectures are ICT enabled as 'Innovation' was the theme for the academic year 2018-19. Presentation material of most subjects is shared with the students to help learners of all levels. **Ms. Lydia Fernandes** engaged the students in google classroom for all the three papers taught by her, where study material, practical questions, links to videos and additional help was shared as part of e-resource material. The faculty continues with other learning tools such as: problem-solving, case study, group discussion and project-based approach for appropriate subjects across the board. Both **Ms. Lydia Fernandes** and **Mrs. Rachana Pandey** used the google classroom for online submissions and evaluation purposes.

An accessibility workshop was conducted for our students by the XRCVC centre of the college, which helped to sensitize the students towards the needs of visually impaired people and an add on workshop was held as part of practical implementation of text to speech software using NVDA software for building accessible websites as part of their Web Designing and Programming paper.

Mentoring through Projects

A varied set of projects were carried out by the final year students on different areas like Embedded Systems, Artificial Intelligence involving Text mining for a social cause, Java Struts, Android, Unity based RPG games and E-commerce website projects.

Workshops & Talks

Embedded Systems Workshop

A workshop on Embedded Systems

(in collaboration with **Curiosity Gym**) was conducted on 4th Aug 2018 for the students of Second Year. This workshop was aligned to their curriculum. This was a hands-on learning-oriented workshop supported with kits based on the ESP8266 core. Besides the actual C programming and Interfacing of devices, the workshop practically reinforced theoretical concepts in the form of 2 home automation demos with the live configuration on a RaspberryPi. This workshop was organised by **Mrs. Rachana Pandey**.

Workshop on Advanced Excel

A workshop of four sessions on Advanced Excel was arranged for the students of First Year. The sessions were held on Saturdays (12th and 19th January; 2nd and 9th February). **Mr. Ashish Deora**, from "Great Place to Work", started the workshop with the importance of data representation and how data is used in various fields, giving an idea of how surveys are conducted among the employees of a company and how information is collected about a company using that data. He also gave valuable insights on how Excel is used for data representation by introducing the students to some important formulas that are often used on data and representation of the data pictographically in the form of graphs, charts, etc. This workshop was useful for all the 15 students since they could learn how Excel is used in the corporate world and how they can extract information from a whole set of data.

Workshop on Cyber Security

On 11th Feb 2019, the students of the first and second year attended a workshop on the INTERNET OF THINGS and

CYBERSECURITY. The workshop was organized by **Mrs. Rachana Pandey**, in collaboration with Rocheston, a New York-based Internet Technology Company. The session was conducted by **Mr. Haja Mohideen, President and CEO of Rocheston**. He made use of various devices which demonstrated the increased use of IOT such as soccer ball, toothbrush, etc. which makes use of the latest technologies and collects data. This data can be communicated to other devices and device automation with little to no human interference can be achieved. The other half of the workshop was inclined towards the issue of Cyber Security, wherein various aspects of cybersecurity were discussed. Insights on what makes the network vulnerable, malware, hackers, viruses, Trojans, etc, the data being breached and necessary steps required to avoid various cyber-crimes.

Industrial visit to Tata Consultancy Services

On 18th February 2019, 20 students of First Year accompanied by 2 faculty members (**Mr. Subhash Kumar and Mrs. Rachana Pandey**) visited **Tata Consultancy Services**, Thane as a part of the Industrial Visit. The group reached the campus at 9:30 am and were received by **Mr. Gaurav** (TCS Employee). **Mr. Rahul Kothari** (TCS Employee) addressed the students in the first session where he gave a detailed explanation of the Agile Scrum Method. The implementation of it has shown good results in terms of profits for the company. **Mr. Gaurav** gave a brief introduction about how the company works, its core area of expertise, work environment, etc. He also spoke about NQT, a national level



aptitude test (pioneered by TCS) which is a mandatory test for job applicants. The event ended at noon after which the students returned to College.

Khandala seminar

The Department organized an Industrial Visit to Khandala on the 22nd of February 2019 for the students of the First-year, who were accompanied by Ms. Lydia, Mr. Subash, and Mr. Kishore. All of the students excitedly looked forward to the trip as it would take them away from the confines of the classroom environment. On reaching the Xaviers Villa at Khandala, after being treated to high tea they were divided into groups for the session on 'Ice-Breakers' that helped them bond with each other. It was a wonderful surprise to learn that skits had to be performed, which manifested the creative side of many of them. The Camp-Fire lifted the mood of the evening where the students moved spontaneously to the beats of lively music!

The next day, Mr. Sumit, of Tata Consultancy Services (TCS), conducted a seminar which he began with a few team-building exercises that stressed on the need for clear and effective communication. His session gave the students a deep insight into the functioning of the corporate world. The highlight of the seminar was the

fun manner in which he encouraged students to think outside the box by asking them to solve puzzles logically.

Department Achievement:

On the 16th of January 2019, a team of three students along with Ms. Lydia Fernandes, as faculty in-charge, participated in an inclusive hackathon at IIIT Bengaluru. **Tanmay Shinde (FYBSc.IT)** was part of a team that devised an app for the visually challenged which would help them in indoor navigation and avoid collision with the objects in the surrounding and guide them to their path. The team had Shasheedharan G (Technical solutions architect at salesforce Bangalore), as their mentor. **James Barboza (TYBSc. IT)** was part of a team that devised an app called "Helping hand" for The visually challenged which would help in creating a community and tackle daily problems with the help of people in the community. James had Mr. Ayush Malviya and Mr. Pawan as his mentors, who were skilled in Android development and Data analytics. **Sumit Sonagra (SYBSc.IT)** and **Ms. Lydia Fernandes** were part of a team which had an industry expert from Morgan and Stanley and two school students. They secured the first prize for creating an inclusive hangman app for visually impaired users as well as people with other disabilities, in the mentorship

track and their team won a cash prize of Rs.7500 /-

Social Outreach:

The Department collaborated with Pratham Education Foundation, one of the leading NGO's in India working towards literacy and education. All the students of First Year volunteered in the transcription and translation of the videos which are specially designed as teaching modules by the organisation for which each student was given 5 hours of SIP.

Placements

34 students of T.Y.IT got placed with companies like TCS, Infosys, Deloitte, SAP, L&T, Capgemini, Endurance, etc.

Faculty development program

As part of skill enhancement, **Mr. Subhash Kumar** and **Ms. Lydia Fernandes** attended a week-long Faculty Development Programme organized by RUSA at VJTI on Artificial Intelligence and Machine Learning from 24th of Dec 2018 to 30th Dec 2019. **Mrs. Rachana Pandey** attended a Workshop on AVR microcontroller and Arduino at Mumbai University WRIC from 8th April 2019 to 12th April 2019.

Mr. Roy Thomas
Head, IT department

LIFE SCIENCE AND BIOCHEMISTRY

Faculty Appointments and Confirmations in the Department

- Dr Seema Das resumed duties as Associate Professor in June 2018 after a 2-year sabbatical and took over as Head of the Department from Dr Nandita Mangalore on 12th November 2018.
- Dr Nandita Mangalore was appointed the IQAC coordinator effective 12th November 2018.
- Dr Radiya Pacha Gupta continued as a faculty in the department from June 2018 - April 2019.
- Dr Dwight Figueiredo, Ms Priya Jadhav, Dr Peehu Pardeshi, Ms Aysis Koshy and Ms Janhavi Damani assisted the department in

academic work.

- Mr Prashant Ratnaparkhi and Ms Sangeeta Shetty resumed duty after submission of their doctoral thesis at Mumbai University.
- Ms Sangeeta Shetty was promoted from Assistant Professor Stage 3 to Associate Professor and Dr Radhika Tendulkar, Dr Manasi Kanuga, Dr Maya Murdeshwar from Assistant Professor Stage 1 to Stage 2.

Events

- Dr. Maya Murdeshwar along with Ms Linda Dhakul from the Department of Psychology conducted a Yoga session for staff and students on the occasion of

International Yoga Day on 21st June 2018.

- SYBSc Life Science students conducted a science and health awareness workshop, 'Microbes and Health' on 27th August 2018 at a BMC school near Worli sea face. The workshop was in collaboration with Teach for India and 120 students of standard 10th participated in it. The workshop was organised by Dr Binoj Kutty and Dr Radhika Tendulkar. Dr Priya Sundarrajan, Dr Manasi Kanuga, Dr Maya Murdeshwar and Dr. Dwight Figueiredo accompanied the students.
- In order to acquaint teachers with the activities of Collaborative

Undergraduate Biology Education (CUBE), Homi Bhabha Centre for Science Education, an interactive session was organised by Dr Seema Das. Dr Arunan and Dr Nagarjuna addressed the students on the occasion and CUBE students from colleges across Mumbai presented their work. Teachers from the Life Science & Biochemistry, Microbiology, Botany, Chemistry, Physics, Mathematics and Statistics department attended the session.

- On 1st October 2018, a convocation ceremony for the students of Diploma in Clinical Research and an orientation programme for the incoming batch of students was conducted. Dr. Aamir Shaikh and Dr Seema Das were programme coordinators. Dr Radiya Pacha Gupta graced the occasion as an outgoing coordinator.
- Dr. Seema Das did a presentation on the departmental activities conducted under the DBT Star College Scheme at the review meeting held on 17th December 2018 and at the mentoring session on 4th January 2019.
- The 7th volume of the department magazine '*Lignum Vitae*' themed "A constant journey towards change" was released on 6th Feb 2019. Students were encouraged to write about scientific developments that inspired them the most. Dr. Priya Sunderrjan and Dr. Bhaskar Saha guided the student team.
- A Life Science Career Fair was held for students of TYBSc and MSc Part II on 7th February 2019. Alumni and subject experts from various science and non-science fields interacted with the students. Dr. Nandita Mangalore, Dr. Radhika Tendulkar and Dr. Binoj Kutty coordinated the event.
- In accordance with a UGC notice to support FSSAI's 'Eat Right India' Movement launched to commemorate 150 years of Mahatma Gandhi's birth anniversary, a poster presentation was organised by Dr Maya Murdeshwar and Dr Manasi. SYBA/ BMM/ BMS students of the

cross faculty course on Nutrition and Reproductive Health displayed their posters on 13th February 2019.

- Dr Manasi organised a Webinar on 'The role of TRAFFIC and CITES in conservation in India' for the 6U students of Life Science on 15th February 2019.
- Dr Seema Das coordinated with B.A.R.C. for participation in Nation Science Day on 27th February, 2019. Dr Bhaskar Saha accompanied students from the Life Science, Microbiology, Zoology, Botany, Chemistry and Physics department.
- Dr. Maya Murdeshwar and Dr. Sujata Deshpande, Department of Zoology, organised workshops in different schools and colleges of Assam and Karnataka as part of their DBT-funded Foldscope Project India Phase I.
- Dr Maya and Dr Sujata held a Foldscope workshop for all teaching staff (arts, science and commerce) of St Xavier's College (Autonomous), Mumbai, on 3rd April 2019.

Educational Trips / Field Trips: Field trips and Institutional visits were organised for SY and TY students to Maharashtra Nature Park, Dharavi, Sewri, Khandala, National Institute for Research in Reproductive Health and ACTREC.

Inter-Institutional Collaboration

1. **Mr. Prashant S. Ratnaparkhi and Dr Priya Sundarrajan** guided MSc students of Nirmala Niketan College of Home Science in their research projects.
2. **Dr Radhika Tendulkar and Dr Nandita Mangalore** were part of the Editorial Committee of 'Spectrum' - a quarterly science newsletter for school students. The newsletter is a collaborative endeavour of the Department of Life Sciences, Sophia College for Women, Mumbai, and the Department of Life Science and Biochemistry, St. Xavier's College (Autonomous), Mumbai, under

the DBT STAR College Scheme.

3. **Dr Maya Murdeshwar** and Dr Sujata Deshpande, Department of Zoology collaborated with Dr Sewali Pathak, Bijni College, Assam, to conduct Foldscope Workshops in Assam on 14th Sep. 2018, and with Maharashtra Nature Park and Sanjay Gandhi National Park on the DBT-Foldscope project.
4. **Dr. Priya Sundarrajan** collaborated with Ms. Janjri Jasani, Center for Environment Research and Education to conduct an Honour's program on Global Climate Change and Social Justice.
5. **Dr. Bhaskar Saha** guided an M.Sc student from D.Y. Patil University, Ms. Rachana Jadhav, on a One-month Neuroscience project in the Caius Research Laboratory for Interdisciplinary Research.
6. **Dr. Binoj C Kutty** was a Member of the Thesis Advisory Committee, SDSOS, NMIMS University, for monitoring the progress of research work of doctoral students, 1st Dec. 2018.

Inter-Departmental Collaboration

1. **Dr. Manasi Kanuga** delivered lectures on Biostatistics for the PG students of the Department of Masters in Public Policy (MPP) in August - September 2018 and for the PG students of the Dept of Masters in Biotechnology in April 2019
2. **Dr. Maya Murdeshwar** collaborated with Dr. Sujata Deshpande from the Department of Zoology on a DBT-Foldscope funded research project to map the biodiversity in select ecological niches and microhabitats of Maharashtra Nature Park, Mumbai.

Guest Speakers invited

1. **Dr Aamir Shaikh** made a short presentation on the Diploma in Clinical Research programme offered by the department on 26th July 2018.
2. **Ms Katie Bagli**, Children's Science

writer conducted a workshop on 'Creative Science Story/Script Writing' for SY and TYBSc students at Khandala on 23rd December 2018.

3. **Mr Animesh Das** delivered a lecture on 'Sacred Geometry' for SY and TYBSc students at Khandala on 23rd Dec 2018.
4. **Ms. Katie Rustom (CERE) and Ms. Namrata Arora (Environment consultant)** conducted an honour's course on Global Climate Change and Social Justice.

Alumni interactions: Esteemed alumni of our department, Dr Dhanisha Jhaveri, Dr Ayesha Thanawala, Ms Hamsa Narasimhan, Ms Ishika Ramakrishnan, Ms. Jinali Mody, Dr Viraj Torsekar, Ms Srushti Chaphekar, Dr Samit Chakrabarty, and Dr. Ritwick Sawarkar delivered talks.

Students' achievements

National Scholarships

1. FYBSc students **Mr Arjun Udupa** and **Mr Bivas Nag** were selected for the 'National Initiative on Undergraduate Science' (NIUS) Camp of the Homi Bhabha Centre for Science Education (HBCSE) in collaboration with TIFR and BARC, held between 12th - 20th November 2018 in Mumbai.
2. SYBSc student **Ms Ira Trivedi** was selected for the JNCASR Summer Research Fellowship Programme 2019.

Internships

Many of our current TYBSc students completed internships at various pharmaceutical companies, research centres, environmental NGOs and corporate houses in India and abroad during the 2019 summer break.

Awards

- **Ms Zubia Shaikh** (TY 3U), **Ms Karishma Katpitia** and **Mr Ishaan Patil** (TY 6U)'s project titled "Solar-powered Electrocoagulation for Waste Water Treatment of Sugarcane Industries in Maharashtra" was selected for the 'Mentorship Program for Youth Leaders in Environment

Conservation in Mumbai' organized by Environmental Management Centre LLP and Eknect Knowledge Foundation. They are undergoing 3 capacity building programmes over 6-months to refine their project and increase its implement ability. They will make a final pitch in July 2019 to win a prize of \$3000 in order to implement the project. **Dr Binoj Kutty** mentored the students.

- **Ms Srushti Chaphekar**(MSc 2016-17), Cancer Bio modelling Scientist, Cellworks, Bangalore, was awarded 'Rookie Scientist Award' and the 'CellWorks Hall of Fame' award twice.
- FYBSc students **Mr Arjun Udupa** and **Mr Bivas Nag** received the DD Kosambi Young Scientist Award 2019 from Collaborative Undergraduate Biology Education (CUBE).
- **Ms Kareena Gala** and **Ms Pooja Mehta** (FYBSc) won 3rd prize at Awareness and Action research for Youth Awakening (AARYA) Intercollegiate Interdisciplinary Undergraduate Research Competition organized by Nirmala Niketan college of Home Science on 26 - 27th February 2019.

Conferences, Workshops & Seminars

Oral Presentation

- **Ms Kareena Gala** and **Ms Pooja Mehta** (FYBSc) presented at AARYA their work on 'Effect of Metal Ions on the Activity of Urease Extracted from Different Plant Sources'. It was part of an Honours course conducted by Dr Priya Sundarajan.
- Farha Ansari and Sakina Garothwala, students of MSc presented their research on 'Effect of Bisphenol (BPA) on Zebrafish embryo and fin development' at the International Science Conference 'From Health to Well-Being - An Interdisciplinary Approach', held at St. Xavier's College in collaboration with Creighton University, Omaha,

USA. 9th - 11th January 2019. Along with Ms Ansari and Ms Garothwala, the paper was co-authored by Dr Radhika Tendulkar, Farha Ansari, Nathan D'Cunha and Priyanka Gomes.

Poster Presentation

International level

- International Science Conference 'From Health to Well-Being - An Interdisciplinary Approach', held at St. Xavier's College (Autonomous) Mumbai in collaboration with Creighton University, Omaha, USA. 9th - 11th Jan. 2019.
- 1. **Ms. Assumpta Fernandes**(TY, 3U) presented a poster on Photocatalytic Degradation of Dyes: Towards Effective Waste Water Treatment and bagged the **2nd prize**. Shivani Dharmadhikari, Assumpta Fernandes, Premie Fernandes, Saima Khan and Ashma Aggarwal worked on the poster.
- 2. **Ms. Shivani Suresh** (TY, 3U) and **Ms. Steffi Kunnel** (TY, 6U) presented a poster on the topic, 'Can we be Cancer-free?'

National level

- **Ms Siddhi Parab** and **Ms Jennifer Tellis** presented a poster on Mapping the Microscopic Biodiversity in Aquatic Ecosystems using Paper Microscope 'Foldscope' at the National Seminar on Facets of Life Sciences, organized by the Department of Life Sciences, Mumbai University, 26th March 2019.

Inter-collegiate

- **Mr Arjun Udupa** (FYBSc) participated in and won the **2nd prize** in the Intercollegiate Poster presentation competition GenVision 2019 at IIT-Bombay on 12th Jan. 2019. He competed against MSc and PhD students and presented a poster on the 'Neurobiology of Memory'. He was guided by Dr Maya Murdeshwar. Arjun also participated in the science quiz 'Cerebra'.
- **Mr Bivas Nag** and **Mr Rohan Gupta** (FYBSc) participated

in a poster competition at the CUBE Workshop and Conference: Collaboratively Learning to Do Experiments and Research (CLEAR) organized by Collaborative Undergraduate Biology Education (CUBE), Mumbai, on 22nd February 2019. The competition was a part of the Chemtech Student Outreach Program BioPharm 2019 themed 'Neuromarketing: From Brain to Market.'

- 11 SYBSc students participated in 'Luminescence 2018' at Mithibai College, Mumbai on 8th August 2018. Muskan Misra and Alisha Shah secured first place in Ethnic funk while Taneya Samant and Noel Gonsalves secured third place in inQUIZitive.
- **Ms Kriti Rajda** (TY 3U) secured second rank in the Mumbai round of the annual Sweden India Nobel Memorial Quiz organised by the Swedish Embassy in September 2018.
- **Mr Bivas Nag** secured fourth rank in Mumbai in Generations Online Quiz organized by IIT-Bombay.
- **Ms Zubia Shaikh** (TY 3U) and **Mr Ishaan Patil** (TY 6U) participated in the 2nd Sustainability Quiz on the UN SDGs organized by Global Compact Network, India, on 11th December 2018.
- **Ms Zubia Shaikh's** (TY 3U) essay on 'Politics of Identity' bagged second prize in the Parimal K. Shroff & Co. National Level Essay Writing Competition organized by Xavier's Political Association. Essay on 'Politics of Identity'.
- **Mr Lalit T** (MSc Part I) participated in the event 'Survival of the Fittest' at Operon 2018 intercollegiate competition at SIES College of Arts, Science and Commerce, Mumbai.
- **Ms Alicia Dias** and **Ms Zubia Shaikh** (TYBSc 3U) won **second prize** in 'Let's Research' a survey and report writing competition conducted by Wilson College, Mumbai, as part of their inter-collegiate festival 'Youth for Green

Fest - Climate Change', held on 15th Feb. 2019.

Social Outreach Activities

- SYBSc Life Science students conducted a science and health awareness workshop, 'Microbes and Health' on 27th August 2018 at a BMC school near Worli sea face. The workshop was in collaboration with Teach for India and 120 students of standard 10th participated in it. The workshop was organised by Dr Binoj Kutty and Dr Radhika Tendulkar. Dr Priya Sundarrajan, Dr Manasi Kanuga, Dr Maya Murdeshwar and Dr. Dwight Figueiredo accompanied the students.
- SYBSc student **Mr Kenneth Castelino** designed the layouts for 'Spectrum', a science magazine for underprivileged school students in collaboration with Sophia College for Women, Mumbai and the Teach for India Foundation.

FACULTY

Book Chapter:

D'Souza J, Mehta S, **Saha B**. Chapter 4: Neurobiology and Neurochemistry, in *Concepts of Biotechnology*, Kaushambi Publications, (in press).

Paper Publications

Shetty SR, Sarangdhar VC, Kamat SD (2019) A search for cellulose degraders in the Indian soils. *Environment and Ecology* 37(1):62—70.

Shetty SR, Sarangdhar VC, Kamat SD (2019). Study of a cellulase producer, *Paenibacillus* 50-01. *Environment and Ecology* 37(1):71—79.

Ratnaparkhi PS, Kulkarni NB, Ganu MU, Godbole SG, Deo SS (2019). Arterial Stiffness Indices and Matrix metalloproteinase: A correlation study in hypertensive type 2 diabetic subjects. *Int J Diabetes Dev Ctries*. May 2019. DOI: <https://doi.org/10.1007/s13410-019-00727-0>

Faculty members pursue their research interest through MSc dissertation, UG and QEP projects.

Conferences/Seminars/ Workshops

Oral presentation

- **Dr. Priya Sundarrajan** gave a talk at The Fifth Mediterranean Symposium on synthesis and characterization of silver nanoparticles using various plant extracts and their environmental implications on April 24th – 26th, 2019, Cappadocia- Turkey. (Page 91, ISBN 978-605-61261-6-1) Authors: **Priya Sundarrajan and Sangeeta Shetty**.
- **Dr Priya Sundarrajan** presented the paper 'Characterization of lipase from lipase producing strains isolated from various sources' at the National Seminar on Facets of Life Sciences, organized by the Department of Life Sciences, Mumbai University, 26th-27th March. Mar. 2019.

Poster presentation

- **Dr Priya Sundarrajan** presented a poster titled 'Green Synthesis of Silver Nanoparticles and its Characterization' at the Mumbai University Minor Research Project poster presentation, organized by Mumbai University, 11th March 2019.
- **Dr Bhaskar Saha** presented a poster titled 'In vitro analysis of the Zinc Toxicity in the Nervous System' at the Mumbai University Minor Research Project poster presentation, organized by Mumbai University, 11th Mar. 2019.
- Ms Rezina Fernandes, Ms Apeksha Waghule and Ms Sanika Dadugol presented a poster titled 'Assessment of Lead Toxicity and Antioxidant in *Daniorerio*' at the National Seminar on Facets of Life Sciences, organized by the Department of Life Sciences, Mumbai University, 26th March 2019. They were guided by **Dr. Radiya Pacha-Gupta and Dr. Seema Das**
- **Dr Maya Murdeshwar** presented a poster titled 'Mapping the Microscopic Biodiversity in Aquatic Ecosystems using the Paper Microscope 'Foldscope' at the National Seminar on Facets of Life Sciences, organized by

the Department of Life Sciences, Mumbai University, 26th Mar. 2019.

- **Many of the department faculty presented their work at the International Science Conference 'From Health to Well-Being - An Interdisciplinary Approach'**, held at St. Xavier's College (Autonomous) Mumbai in collaboration with Creighton University, Omaha, USA. 9th - 11th Jan. 2019.
- **Dr. Manasi Kanuga** presented a paper titled: Protective effect of green tea and larvae of *Chironomus riparius* exposed to stress induced by incense smoke.
- **Dr. Binoj Kutty** presented a paper titled 'Modulation of g-radiation induced damages in plasmid DNA and yeast by β -propranolol'.
- **Dr. Priya Sundarrajan** presented a paper on 'Genetic and Biochemical studies of Mucopolysaccharidosis I in South Indian population.
- An alumnus of the department Ms Rezina Fernandes presented a paper on 'Lead toxicity and protective effect of an antioxidant (Vitamin C) on Zebrafish (*Danio rerio*)' under the guidance of **Dr. Radiya Pacha-Gupta and Dr. Seema Das**. Ms Apeksha Waghule and Ms Sanika Dadugol were co-authors.
- Dr. Nandita Mangalore, Dr. Seema Das and Dr. Priya Sundarrajan were invited to chair sessions at the Conference. Dr. Radiya Pacha

Gupta was the judge for oral presentations by students.

Thesis submissions

- **Mr. Prashant Ratnaparkhi and Ms. Sangeeta Shetty** submitted their PhD thesis in the months of December, 2018 and March, 2019 respectively.
- **Dr. Priya Sundarrajan** completed and submitted the post-doctoral thesis as part of the TATA Heras Fellowship program of the work entitled "Biotechnology Based Novel Approach towards Sustainable Preservation and Conservation of Cultural Heritage" in January 2019.

On-going Grants

No.	Name of Investigator	Title of the project	Amount sanctioned	Funding agencies
1	Dr. Seema Das	Effect of bioaccumulation of heavy metals on growth, oxidative stress and DNA damage in Zebra fish	Rs.4,20,000/- (money disbursed in 2018-19)	UGC – Minor Research Grant
2	Dr. Priya Sundarrajan	Isolation and screening for novel ethanol producers from various sources and their characterization	Rs.4,80,000/- (Rs.3,00,000/- disbursed in 2017-18)	UGC – Minor Research Grant
3	Dr. Priya Sundarrajan	Synthesis of Silver Nanoparticles and their characterization	Rs.60,000/-	University of Mumbai, Minor Research Grant
4	Dr. Maya Murdeshwar (& Dr. Sujata Deshpande, Dept. of Zoology)	Mapping the microscopic biodiversity in select ecological niches of the Sanjay Gandhi National Park, Mumbai, under changing seasons and climatic conditions.	Rs.8,00,000/-	DBT-Foldscope, Department of Biotechnology, GOI
5	Dr. Bhaskar Saha	<i>In vitro</i> Analysis of the Effect of Zinc Toxicity on the Nervous System	Rs.75,000/-	University of Mumbai, Minor Research Grant
6	Dr. Binoj Kutty	Studies on Ethanol induced reactive oxygen species stress in yeast	Rs.40,000/-	University of Mumbai, Minor Research Grant
7	Ms. Sangeeta Shetty	Cloning of Paenibacillus 50-01 protease	Rs.40,000/-	University of Mumbai, Minor Research Grant
8	Dr. Manasi Kanuga	Role of selenium in sperm function in <i>Danio rerio</i>	Rs.40,000/-	University of Mumbai, Minor Research Grant

Awards

The Collaborative Undergraduate Biology Education (CUBE), HBCSE, conferred the DD Kosambi Award 2019 to **Dr. Seema Das** for cultivating scientific temper by remodelling the curriculum at the delivery stage.

Faculty Recharge Programmes

Dr. Manasi Kanuga. And Dr. Bhaskar Saha attended UGC sponsored Refresher Courses.

Dr Binoj Kutty attended STEM Teacher Training Workshop on 'Research-Based Pedagogical Tools' (Level 1), at Kolkata. The workshop was jointly organized by the University of Sheffield, UK, and IISER-Pune, 23rd- 26th September 2018.

- Mr. Prashant Ratnaparkhi and Dr. Binoj Kutty were elected to the Staff Council of the college on 6th August, 2018.

Dr. Seema Das

Head, Department of Life Science and Biochemistry

MANAGEMENT STUDIES

The focus for the academic year 2018-2019 was to further enhance and reinforce the culture of research based interactive learning amongst the students. The theme for the year "Innovation for Community Gains" was also incorporated in our departmental activities and in projects undertaken by the students.

This report gives a brief overview about the activities of the department in the academic year 2018-2019

We strongly believe that students should have a good understanding of the concepts as only then can they apply practically. In order to achieve this, we made changes in the course structure by adding new elective papers and have also constantly worked on the syllabus so its relevance holds. The department now offers three electives each in Semester V and Semester VI in addition to the existing compulsory courses. This provides the students with a wider choice in their final year to pursue specific interests in the wide-ranging field of management. The two new courses that were introduced were Training & Development (Semester V) & Econometrics (Semester VI)

With the incorporation of the new taxation structure in the country, we were one of the first colleges in the city to design a new course 'Elements of Taxation' which included both the Direct taxes and the norms under the new GST Policy. This year we enhanced and upgraded the course under the guidance of the Board of Studies.

Seminars and Workshops

Bridging the industry academia gap is one of our prime focus so that our students not only have a good understanding of the concepts but

are also better equipped for their internships and final placements. The seminars and workshops held are briefly listed below:

CONFLUENCE '19: Statistics in Business and Media

A Joint Seminar was organized on the 19th of January 2019, by the Departments of BMS, BMM and Statistics under the DBT grant scheme, Ministry of Science & Technology. An interdepartmental seminar such as this provided good exposure to the students. The speaker lineup included:

1. Mr. Abhishake Mathur: Senior VP Head Investment Advisory and Services ICICI Securities
 2. Mr. Balkrishna Parab, Prof JBIMS and Chair professor, IMC for Banking & Finance
 3. Mr. Ashwin Srivastava, Forbes 30 under 30 and Co-Founder Idein Ventures
 4. Mr. Derrick Gray, Media BARC
 5. Nivedita Ravishankar (Media & Advertising)
- Session by Fr. Francis from the Wellness Center of St. Xavier's College on **Human Values and Righteous Conduct by Building Self-confidence was held on** July 2018 for FY BMS.
 - Session on **Intellectual Property Rights and its Importance** by Ms Joanita Britto was held on 09th August 2018 for TY BMS
 - Session by Ms. Sefi George on **Understanding Social Cultures Across nations** was attended by 25 students of TY BMS on the 10th of August, 2018.

- Workshop on **Careers in Civil Services** by Vision IAS, New Delhi was held on 13th of August 2018, and was attended by 90 students of different streams.
- **Creativity workshop** by Mr. Aspi Shroff on Understanding Self, was held in August 2018. It was attended by 65 students of FY BMS.
- Talk by the Vice President of the Legal Department of SEBI, Ms. Reshma Goel on **Investor Protection** was held on 11th August 2018 for SY & TY students.
- Mr. Harish Menon, Vice President of Tata Sons spoke about **Ethics in Business** on 11th February 2019 to TYBMS students
- Ms Sagarika Ghose, renowned journalist with the Economic Times spoke about her book '**Why I am a Liberal?**' on 12th January, 2019.
- Ms. Steffi Ebnert addressed SYBS students on **Understanding the Indian Constitution** on 15th January 2019.
- Representatives of Byju's Learning Pvt. Ltd spoke about **GMAT & GRE** (foreign education) on the 23rd January 2019 to SY & TY students
- Session on **Peace and Meditation through Yoga** was organized by Fr. Prashant on the 9th of February 2019 for TY BMS
- Dr. L Kasat, a motivational speaker addressed SY & TY BMS students on **Corporate Etiquette and maximizing one's potential** in February 2019.

- **Antarchakshu 2.0** was organized by the XRCVC. This year the focus was On **Human Values of understanding the challenges faced by the visually challenged**. It was held on 11th February 2019 for TY BMS and 14th February 2019 for FY BMS.

STUDENTS' PROJECTS:

- A few projects that our students undertook are listed below, thus throwing light on the project-based learning methodology that we adopted during this academic year of 2018-19.
- Understanding the Humans of Mumbai: a project done by the FY BMS students in order to gauge the aspirations and problems of the common man. 12 projects were undertaken in the city of Mumbai as a part of a special course.
- Students of Training & Development conducted a live training programme over multiple sessions for FY students.
- Group based market research with 300 respondents per project was conducted on consumer behavior related topics and analyzed statistically as a part of internal assessment.
- Understanding the financials of companies and also getting hands on experience with various financial instruments was also graded as a part of internal evaluation.

“**Technical Analysis of stocks**” was the course offered under the Honours programme. 37 students registered for the course

The students of SY BMS visited various facilities like Sarvodaya Hospital Blood Bank and a few other production

facilities to study the concepts of Total Quality Management.

Dhruv Maniktala and Naayl Humza (TY BMS) represented Mumbai in the International case study competition that was held by the **Milgard School of Business, University of Washington, Tacoma (February 2019)**

Apart from these achievements, many students have also taken part in student exchange programmes with **Harvard University (HCAP)** and many other international exchange programmes. Anjali Khandelwal (SY BMS) went to **SOAS** for a transfer credit under the **Erasmus scholarship** offer for students.

Placements:

30 students of the TYBMS batch got placed in various companies through the campus placement process. A few of the companies are listed below. The job profile was majorly consultancy based. However, a few were also in the field of Human Resource and Marketing.

ZS Associates India Pvt. Ltd, Bain Capability Network, Aon Service Corp., Great Place to Work, DSV Air & Sea Pvt. Ltd. Citibank, Times Internet, Deloitte, Zomato, Arete Advisors LLP, Kapso Business Services, ICICI Bank, TechnoServe India

Organica Biotech Pvt. Ltd., and Kapiva Ayurveda

25% of the students opted to pursue further studies.

Post Graduate Studies:

The following students from the previous two years joined for PG studies in 2018-2019

Name of the student	Course Title	Institute
Prachi Kaur	Development Economics and International Development	Science Po

Anshita Agarwal	PGDBM	SPJIMR SP Jain Institute Of Management & Research
Aditya Jain	Young India Fellowship	Ashoka University
Aaron Dacruz	Masters of Management (Marketing)	University of Melbourne
Issac Nelapana	Masters of Management (Marketing)	University of Melbourne

Entrepreneurial Ventures started in 2018-2019

Shaurya Poddar	Co- Founder Pragyam; Director, Chotanapur Graphite Industries	Est. in 2018 (Batch of 2012-2015)
Animesh Jain	Executive Partner, Avani Group of Industries	Est. in 2018 (Batch of 2013-2016)

Most of the students interned in various organizations during their Diwali, Christmas and summer breaks and shared their experiences with the class.

The use of the anti-plagiarism software **Turnitin** has made sure that all assignments and projects are true and original. The students have been guided by the teachers to inculcate a spirit of research and the end result has been worth the effort. Their projects were commended by not just the external academic experts who had come to evaluate them but by industry experts as well.

I would like to conclude by saying that it was by the grace of God that all our efforts were successful and we will strive to raise the bar higher in the coming academic year.

Soni George Tharakan
Head, Department of Management Studies

MASS MEDIA

A glimpse of the key curriculum and extension programs conducted for the students through the year 2018-19

DATA SCIENCES CONFERENCE: CONFLUENCE

The one day conference on “Statistics in Business and Media – Comprehending the Data Storm” was held on 19th January 2019. This was a collaborative seminar between the Statistics, BMS and the BMM department. Various Industry leaders such as Mr. Abhishek Mathur, VP (Investment Advisory, ICICI Securities), Mr. Balakrishna Parab, Chair Professor of IMC (Banking and Finance JBIMS); Mr. Derrick Gray, Chief-Measurement Science, Broadcast Audience Research Council India, Ms. Nivedita Ravishankar, Analyst, Dentsu India were the key speakers.



Mr. Derrick Gray explains the consumer research process and analysis through a sample case from BARC's current work.

INDIAN EXPRESS SEMINAR – Mr. Nandagopal Rajan, Editor (New Media)

This was the 3rd annual department-hosted lecture by ‘The Indian Express’. Mr. Nandagopal Rajan held an interactive session on ‘Dependency of Print Media on the Digital Wave, as a Method to Stay Relevant in the Dynamic News Industry.’

Sanjay Gandhi National Park (SGNP) – Communication Initiative to Conserve Diversity

Our media students held interactive sessions to spread awareness about human encroachment and the consequent leopard encounters in settlements adjoining SGNP. Student groups conducted sessions with 4 schools and 3 housing societies. This was an extension activity of their

internal assessment for the course on environmental studies.

e-Waste Collection in schools

Students from the department conducted sessions in multiple schools across Mumbai to create awareness on e-waste disposal. Arya Vidya Mandir, Kawalemath Banganga BMC school and St. Xavier's High School students were sensitized on the importance of proper e-waste disposal. The students were assisted in implementing a sustainable e-waste collection and disposal process for their respective schools, and were subsequently partnered with local e-waste collectors.

RTI Workshop – Mr. Shailesh Gandhi and Anil Galgai



Mr. Shailesh Gandhi in a session with BMM students

This was the 3rd consecutive year of the RTI workshop. It was aimed to facilitate and encourage active citizenship among the media students. As part of the lecture series, students were recommended to file an RTI and subsequently share their responses with the facilitators. Student inputs and experiences help to further strengthen the constant work aimed to keep the RTI Act effective.

CMCA Yuva Program – CITIZENSHIP EDUCATION PROGRAM FOR COLLEGES

CMCA is a non-profit organisation which conducts workshops for students. This program persuaded students to partake in the discussions of citizenship and democracy. This was done through multiple workshops during which students read articles, watched movies and did role-plays, which were then followed by discussions and reflections on ‘the individual's role in a society’.

Contemporary Issues Immersion Program



1. Students in a session with Ms. Shweta Naik



2. Discussion on geopolitics with Prof. Sudhakar

A Contemporary Issues Immersion Program was conducted for BMM students in Boscowadi, Uttan. Held over two days, this program aimed to develop self awareness and a better cognizance of the society they dwell in, thereby helping them grow as individuals. The first session, by Ms. Shweta Naik, (visiting faculty in psychology, practicing counsellor) focused on individual perception and understanding. The second session conducted by Prof. Sudhakar Raj Solomon, (HoD, Political Science, Wilson College) acted as a primer in contemporary geopolitics.

FOOD CULTURE

As a part of the academic module in Culture Studies, students with similar cultural backgrounds formed groups. They were required to prepare the cuisine that represented their heritage the most. This proved to be an interesting and fun activity which helped the students understand the role of food in culture.

SHIKSHAYATAN – RURAL IMMERSION PROGRAM

Shikshayatan is a unique, innovative school located in the village Arasavanankadu, in Thiruvavur district of Tamil Nadu. Our students visited

the school in November 2018 in an attempt to understand and appreciate rural sensibilities and lifestyle, as well as alternative methods of learning and teaching. The trip to Shikshayatan was centred around Gandhian studies and agrarian culture. Students also picked up various skills such as: basket weaving, teaching, native songs etc.

COVERDALE-The Mercedes Benz Trainers Coach for FYBMM students



BMM students in a one-on-one feedback session

A two day residential workshop was conducted in Boscowadi, Uttan on 15th and 16th December 2018 by the Coverdale group on “Leadership through Self Management”. The three trainers - Mr. Jörg Zimmermanns, Ms. Anita Gaur and Ms. Sushmita Miryam - conducted various group activities

MATHEMATICS

This year, the Mathematics department organized numerous activities for the students. In the beginning of this academic year, a workshop on ‘Mathematical Modeling’ was conducted by Prof. Vivek Monteiro. Our ex-student, Mr. Sagar Kolte, who has a PhD from TIFR and is currently holding the post of Assistant Vice President at Credit Suisse, delivered a lecture on ‘Sperner’s Lemma and its Applications’. In the even semester, a series of guest lectures were organized; Prof. Akshay Rane from ICT, Mumbai talked about ‘Approximate Solutions of Operator Equations’, Prof. Ananth Hariharan from IIT gave an enriching talk on ‘Foundation in Mathematics, Topics in Linear Algebra, Real Analysis’ and Mr. Sripad Kulkarni delivered an eye-opening talk on the ‘Scope of Mathematics’.

which cultivated students’ critical thinking skills, group dynamic skills and their ability to self reflect.

Participatory Urban Design and Development Initiative (PUDDI) led FIELD BASED RESEARCH STUDY ON THE WATERCOURSES (Nullahs) of MUMBAI.

PUDDI is an organisation started by concerned citizens under the leadership of the late Daryll D’Monte (Former Editor, the Times of India). This project was conducted under the guidance of the urban architect Mr. P.K Das. 22 media students studied urban housing and the use of spaces by communities along the Nullahs in 6 municipal ward areas, K-West, K-East, H-West, H-East, E and B. Students physically surveyed the 6 wards, drew visual maps, recorded the local land use with photographs over a 3 month period. This report gathered by the students is a supporting document for PUDDI’s report and proposal to the Maharashtra Government on the nullah-waterfront project of Mumbai.

Survey conducted on the Workers in the Informal Economy in collaboration with the Pratham Education Foundation

The Mathematics Department also organized an inter-collegiate seminar in which teams from different colleges conducted presentations on various mathematical topics. We received a response that exceeded our expectations, A total of 23 teams registered for this event out of which 15 were outstation college teams. Also all teams gave very good presentations. Prof. Felix Almeida, Former head of the mathematics department of our college and Prof. Selby Jose from University of Mumbai judged these presentations. The five best presentations were awarded with cash prizes.

The Mathematics Association of Xavier’s presented another edition of annual Mathematics magazine ‘The Proof’. This issue contains informative articles from different branches of Mathematics varying from the History

A survey, led by the Pratham Education Foundation, was conducted on the state of the informal economy and the role of migrants. Over two weeks, 64 students from the department went to several locations, panning the area from South Bombay to Thane, and interviewed several such naka workers about their living and working conditions.

The data collected was compiled and students submitted individual reports to Pratham, analysing the data from different perspectives - all of which will become a part of the final report to be published by Pratham.

Students in Foreign Universities

Students from the department availed the opportunity to study abroad. Mr. Aaron Mistry, after completing his first year, went on to attend the Northern Virginia Community College, Virginia .. This was possible under the ‘Fully Funded Community College Initiative’ undertaken by the US government. Ms. Shristi Khemka and Ms. Gehna Kapany completed their fourth semester at the SOAS University, London as part of a student-exchange program.

Ms. Perrie Subramaniam
Head, Department of Mass Media

of Mathematics to Graph Theory. Students from all three years of B.Sc. Mathematics and other subjects contributed to the articles of this magazine.

The third year students also attended the Khandala Seminar accompanied by Ms. Simi Cyriac and Mr. Rahul Katkam.

Our enthusiastic First Year students participated in multiple inter-collegiate festivals hosted by other colleges and fared well. Mr. Yannick Furtado and Mr. Alexander Vattakkattu, who participated in inter college maths fest organised at ‘K.E.S. Shroff College’ on 12th Feb 2019 stood First in the ‘Logical reasoning Quiz’ event. Our students also participated in the maths fest ‘Numero Uno’ held between 4th October to 6th October at HR college. There were 5 events in which our students Sayak Mallick, Hamza Ajmer,

Riyank Arora, Alexander Vattakatu secured the 3rd place. Also winners of all events participated in one common event 'Master Numero', in which Mr. Sayak Mallick and Mr. Hamza Ajmeri bagged the First Prize.

Two of our students Ms. Neha Goregaonkar (SYBSc) and Ms. Shanea Sebastein (TYBSc) were selected for the MTTTS (Mathematics Training and Talent Search) Program. Many of our students participated in Madhava Mathematics Competition, a national level competition conducted by HBCSE under the aegis of the National Board of Higher Mathematics.

Our teaching staff also actively participated in many activities. Ms.

Meenal Kolkar was invited as a resource person for Annual Maths Fest of Khalsa College. She judged the inter collegiate seminar and poster competition. She also served as a judge at the 'Power Point Presentation Competition in Mathematics' held at Patkar College. Dr. Ashok Bingi presented a research paper at an international conference on 'Recent Trends in Mathematics' held at Belgavi. He attended a two week refresher course in Mathematics held at Dayanand Science College, Latur. Mr. Rahul Katkam and Ms. Jincy George participated in the Faculty Development Program held at IISER Pune. The topic of this workshop was 'Climate Across the Curriculum'. Prof. Sandhya Gupte was invited as

a resource person for 'Senior Grade Teacher Training Programme'. Ms. Simi Cyriac conducted SCS (Scientific Communication Skills) course for the Second Year Mathematics students.

Additionally, the Mathematics Department offered remedial coaching as an initiative for the department-centric Social Involvement Programme. Mr. Rahul Katkam coordinated this activity.

Finally, it gives us immense pleasure to announce the promotion of Ms. Meenal Kolkar to the post of Associate Professor.

Ms. Meenal Kolkar

Head, Department of Mathematics

MICROBIOLOGY

The graduation ceremonies at the beginning of the year felicitated the graduates and post graduates of 2017-2018. Ms. Shivani Nandha ranked first among all the post - graduates in college with a CGPA of 3.94 of 4 and Ms. Bibakhya Saikia ranked 4th amongst all Science graduates and first amongst Microbiology graduates with a CGPA of 3.91 of 4.

Dr. Karuna Gokarn was appointed as an Honorary Consultant – Research Scientist in the Department of Microbiology at Sir HN Medical Research Centre (Sir HNHRC) and at Sir HN Medical Research Society (Sir HNMRS) in July 2018 and DBT Star Programme Co-ordinator of the College in September 2018. She got recognition as a Ph.D. guide in Microbiology at Sir HN Hospital and Research Centre from University of Mumbai.

Ms. Pradnya Gogte was conferred the Doctor of Philosophy (Ph. D.) by the University of Mumbai for her thesis titled 'Characterization and Optimization of Poly-beta-hydroxybutyrate production by microbial isolate obtained from soil' under the guidance of Dr. (Mrs.) Varsha K. Vaidya from The Institute of Science, Mumbai at the Convocation held on 11th January, 2019.

Our undergraduate students got admission into postgraduate courses like

the LIVE Erasmus Mundus, Masters in vaccinology, UA Barcelona, UAntwerp, UCB Lyon, National Brain Research Centre, Gurgaon, Vels University (VISTAS), Chennai, National Institute of Virology, Pune, Xavier Institute of Management, Bhubaneswar, M.S. University Baroda, Vellore Institute of Technology, Mumbai University, Manipal University, Pondicherry University, Missouri State University, IIT Kharagpur. Our post graduate students have taken different avenues such as industry employment, research and teaching.

Our faculty and students engaged in several activities -

Student Activities and Achievements

- A. Being socially responsible,** the SYBSc students checked the potability of 10 drinking water points in the college every month through the academic year, far exceeding their 5 hours for SIP.
- B. Peer learning:** SYBSc students welcomed the new FYBSc batch with an exhibition entitled 'THE HITCH HIKER'S GUIDE TO MICROBIOLOGY' on the 6th and 7th of August, 2018. Students learnt from each other about the various aspects of Microbiology and its scope. Other interested Junior, Senior college students and faculty also visited the exhibition which

creates bonding, teaches team work, boosts confidence and self-worth amongst students. We also welcomed 15 students from Lord Harris UPMS, BMC school along with their Principal. All concepts were explained in Marathi, this was a new experience for our students. The Exhibition was inaugurated by Dr. Vivien Amonkar, former head of department.

C. Talks and workshops conducted by the department:

- IPR lecture was organized on 7th July by Mrs Miriam Stewart along with PLEA a Programme for Legal Education Awareness which was started by our alumnus Mr, Roger Mendonca. Well-known IPR lawyer Mr Janaksinh Jhala spoke on 'Is Patent Law right for me?' The lecture was thrown open to the students of Biological sciences.
- On the 10th of January our alumni Dr. Ritwick Sawarkar and Dr. Foster Gonsalves spoke to the students about their work.
- Dr. Nithya John, Senior Trainer, Skill and Knowledge Management, Cactus Communications, Mumbai was invited by Dr. K Gokarn to conduct sessions for our SYBSc

students as part of Scientific Communication Skills.

- A one day workshop on Academic Writing And Popular Science writing was conducted on the 6th of February, 2019 for all M.Sc part - I students who interacted with the resource team from Cactus Communications, Mumbai.
- A career guidance talk was organized by the Department of Microbiology with an aim to provide information about career opportunities in scientific writing leading to placements by CACTUS Communications, Mumbai. The talk was held on the 23rd of February, 2019 and was attended by MSc and TYBSc students.

D. Honours programme: was co-ordinated by Dr. Pampi Chakraborty. The activities included workshop on Antimicrobial effects of Indian plants, herbs and spices conducted by Ms. M. Stewart, workshop on study of cytotoxicity of chemicals using animal tissue conducted by Dr. P. Chakraborty, lecture series on IPR. In addition, Ms. Sangeetha Chavan and Dr. Aparna Talekar conducted a series of lectures cum demonstrations on 'Microbiology in everyday life' for students from non-biology background.

E. Department Magazine 'The Michronicle 17-18': our annual magazine was compiled by a team of 10 very enthusiastic TYBSc students lead very ably by Editor-in-Chief Ishita Bapna with funds raised by the UMAX (Undergraduate Association of Microbiology of Xavier's) and DBT Star 17 grant.

F. Educational visits and Khandala seminar:

- On the 19th and 20th of January a Khandala trip to the Xaviers villa was organized by Ms. Stewart for the evaluation of the Department and sharing by TYBSc students about their Internships.

- **A trip to Wai and Panchgani** was organized on 8th and 9th February by Dr. K. Gokarn for UG and PG students who were accompanied by Dr. A. Talekar and Dr. P. Gogte. They visited Pure Gold Cheese Factory in Panchgani and Kisanveer Shakari Sakhar Karkhana, a sugar and Ethanol industry.

- Four of our FYBSc students Sarah Thomas, Jyoti, Aakasha Mishra and Julia Justin were invited for the National Science Day at BARC on the 27th February, 2019.

- Ms S. Chavan accompanied MSc part II students for a visit to **CETP**, Koparkhairane on 4th April 2019

G. The TYBSc and MSc II farewell: hosted by the UMAX, First, Second Years and MSc-I students was on the 23rd of February in the Fell's Gymnasium. The theme was 'Casino Royale'. The event was organized by the UMAX committee.

H. The Department continued the herculean task of **Solid waste management** of canteen waste, with the MSc 2 students roped in to manage the compost pit in our college with help from the under graduate students.

I. Student Achievements and Awards

- **Internships:** Most of our SY and a few of our FYBSc and TYBSc students worked on an internship in the winter and summer vacations. Several students were chosen on an All India Level and globally for prestigious internships during the months of April, May and June 2019:

Saanjbati Adhikari, TYBSc, continued her JNCASRPOBE – 2017, fellowship program in Jakkur.

Ishita Bapna TYBSc, did a Summer Research Fellowship in JNCASR in Jakkur.

Maitri Khemka, SYBSc,

obtained an IAS Research Fellowship at the Biotechnology Dept in Amity University, Jaipur under Prof S L Kothari

Ishita Dewan, obtained an internship in Johns Hopkins University, USA.

- **Research Projects:** Every SYBSc, TYBSc and MSc Part 2 student undertook project in the academic year.

MSc II External project: MSc Part II students worked on their external dissertations in premier institutes like ACTREC, BARC, TMH and NIRRH for 4 months from May to August 2018 while five **internal projects** were carried out by students in groups in the months of January to April.

- **18th Microbiolympiad :** 45UG students of our department participated in the 18th Microbiolympiad, an all Maharashtra Microbiology quiz contest. During the preliminary round on the 9th January, 2019 some of our students did exceptionally well in this round but unfortunately could not attend further rounds.

- **Research Paper Presentation:**

- **Rashmi Kokare** presented Oral Paper titled "Minimum Inhibitory Concentration (MIC) Results of Ceftriaxone and Azithromycin for Blood Culture Isolates of Nalidixic Acid Resistant Salmonella Enterica Causing Enteric Fever" in XXIV Maharashtra Chapter Conference of IAMM organized by Department of Microbiology, Krishna Institute of Medical sciences, Karad on 29th-30th September 2018.

- **Rashmi Kokare** presented Scientific Paper entitled 'In vitro activity of Tigecycline and comparators against Gram-positive and Gram-negative

pathogens from multiple sites encountered in a tertiary care hospital in Mumbai' in the World Congress on Infectious Diseases & Antibiotics- 2018 held on 28th& 29th November 2018 held at Indian Institute of Science, Bengaluru, India.

- **Joanna Pereira** presented Oral Paper titled "Comparison of Broth Microdilution Test Results of Colistin with VITEK 2 Compact for Carbapenam Resistant Gram-negative Bacteria (CRGNB)" in XXIV Maharashtra Chapter Conference of IAMM organized by Department of Microbiology, Krishna Institute of Medical sciences, Karad on 29th-30th September 2018.

- **Joanna Pereira** presented Scientific Paper entitled 'Minimum Inhibitory Concentration (MIC) of Ceftriaxone for Blood culture isolates of Nalidixic acid resistant Salmonella enteric-A 9 years study' in the World Congress on Infectious Diseases & Antibiotics- 2018 held on 28th& 29th November 2018 held at Indian Institute of Science, Bengaluru, India.

• Student Awards at fests

BSc students:

Students of the department participated in fests organized by other colleges with Kritika Choudhary securing first position in the Petrisign event and Mathew Salazar and Maitri Khemka winning the first prize at the Quiz Competition at the event PRIMERS at Elphinstone college on 11th-12th December. **Sayandri Paul** won second prize in Bio-Toon event at the Annual Intercollegiate Departmental festival- "Chimera 2018-19" held on 24th December 2018 and participated in Quick before Tick, Treasures of Biotechnica and Mutable Menicus at Ruia College.

Marwan Malik, Maitri Khemka, Subhashri Acharya, Moumita Sengupta and Sanket Gosavi applied for PRE-iGEM competition 2019 under the guidance of Dr. K. Gokarn and Dr. P. Chakraborty.

• MSc Students

Mrunmayee Saraf was a member of the team which won the inter-collegiate quiz competition during Open Day organized at ICMR- National Institute for Research in Reproductive Health on 28th September, 2018.

Joanna Pereira participated in CME Programme on 'JPGMCON 2019- Journey from Research to Publication' held on 23rd March 2019 at Seth G. S. Medical College & K.E.M. Hospital, Mumbai.

- **Competitive exams:** Several of our TY BSc students cleared all India competitive exams for postgraduation which include the JEEBILS, JAM and Management. Nine of our MSc students cleared the GATE exam and four were awarded the UGC-CSIRJR fellowship.

J. Faculty achievements

• Research Publications by faculty

Effect of Nanoparticles on Plant Growth-Promoting bacteria in Indian agricultural soil. **Sangeeta Chavan, Vigneshwaran Nandanatham, Agronomy, 2019, 9, 140**

• Research grants

- Dr. K. Gokarn was the recipient of Mumbai University grant-teachers for a project on 'Repurposing of the over-the-counter drugs as antibacterial and anticancer agents'. The sanctioned amount is Rs. 35,000/-.
- Dr. A. Talekar was the recipient of Mumbai University grant-

teachers for a project on 'Bacterial degradation of a wide spectrum of azo dyes from industrial effluents into non-toxic products'. The sanctioned amount is Rs. 25,000/-.

- Dr. P. Chakraborty was the recipient of Mumbai University grant-teachers for a project on 'Study of anticancer activity of wine prepared from banana.' The sanctioned amount is Rs. 25,000/-.

• Guiding student research projects and internships:

- Dr. K. Gokarn guided a TYBSc Biotechnology student from Amity University, Noida for her one-month internship (1st March to 31st March 2019) on 'Cloning of siderophore genes.'
- Dr. K. Gokarn guided a SYBSc Microbiology student from Fergusson College, Pune for her one-month internship (2nd May to 31st May 2019) on 'Cloning of Exochelin MS genes.'
- Ms M. Stewart taught Basic Microbiology techniques to Mr Aniruddha Venkatakrisnan, a student of Broward College, Mumbai campus and in the First Year during a one-month(16th March - 16th April 2019) internship in the Microbiology Department at St. Xavier's College, Autonomous, Mumbai.
- **Seminars, Conferences and Workshops attended by Faculty outside college**
- **Dr. P. Chakraborty**
- participated in a Workshop on 'Power of Microscope with high speed analysis of Flow Cytometry' held in ACTREC, Mumbai (24th July, 2018)
- attended a Two-Day Workshop on "Research Methodology & Research Data Analysis" conducted by the Department of Biotechnology, University

of Mumbai. (25th -26th February 2019)

• **Dr. K. Gokarn**

- participated in A National Hands-on Training Workshop on Innovative Experiments in Biological Sciences for College Teachers' at Homi Bhabha Centre for Science Education, TIFR, Mumbai from 29th August – 4th September 2018.
- participated in a three-day workshop on Synthetic Biology at ICT, Mumbai from December 13-15, 2018.
- attended a conference on "Precision Medicine is closer than you think and also chaired a session on Translational research in cancer at ACTREC, Navi Mumbai.
- attended a Two-Day Workshop on "Research Methodology & Research Data Analysis" conducted by the Department of Biotechnology, University of Mumbai. (25th -26th February 2019)
- attended a seminar on "SSS as a Quality Practice" conducted by the IQAC at Vaze College, Mumbai in March 2019
- **Ms M. Stewart**

- attended the International Science Conference : from Health to Well Being : An Interdisciplinary approach from Fundamental Sciences to Translational Medicine, at St. Xavier's College Mumbai from the 9th – 11th Jan, 2019.
- was deputed by the college to attend the 4th India International Science Festival, IISF -18 in Lucknow on the 5th-8th Oct, 2018 under the DBT-STAR Program.
- **Dr. A. Talekar**
- participated in a short-term course on Biostatistics: a user's perspective' at IISER, Pune from 27th December 2018 to 30th December 2018.
- participated in the LTMT sponsored teacher training programme on 'Experimental Approach for Drug Studies' from 17th – 19th January, 2019 at Sophia College.

Other faculty activities

- **O r i e n t a t i o n / r e f r e s h e r programme**
- Dr. A. Talekar and Dr. P. Chakraborty participated in a three-week refresher course in Environmental Studies at Somaiya college, Vidyavihar from 1st June to 21st June 2018

• **Subject Expert**

- Ms. M. Stewart was appointed as Subject expert to the Microbiology Board of Studies of K.J Somaiya College of Science and Commerce.
- Ms. M. Stewart was appointed as Subject expert to the Microbiology Board of Studies of Sophia College(Autonomous)
- Ms. M. Stewart conducted sessions on the "Biodeterioration and Conservation of Paintings and Manuscripts using lectures and practical demonstrations "at the UGC sponsored Diploma Course on Conservation and Preservation of Material Culture in St. Xavier's College on 18th June to 5th July,2018

• **College committees**

All staff members served on different committees in college. The Department has had a very successful Academic year 2018-2019 with a plethora of activities which encouraged learning and brought home a number of accolades. We firmly believe that developing academic and social responsibilities in our students and igniting our own potential benefits society and our Nation.

Ms. M. Stewart
Head, Department of
Microbiology

PHYSICS

Do not lower your goals to the level of your abilities. Instead, raise your abilities to the height of your goals.

— Swami Vivekananda

The Physics department constantly believes in marching towards its goal of bringing excellence in our students, making them capable of crossing global heights. Since St. Xavier's became autonomous, not only is the number of students graduating with Physics increasing, these students are also going out with higher achievements. The department is trying to raise the bar for the students every year on the basis of experience gained in the previous years.

We were happy to see that even after raising our expectations from students there was a noticeable increase in the number of students taking Physics this year.

The year 2018-19 started with a new syllabus for 5th and 6th semester as per the planning done two years back, 2016-17, for the complete three year package for graduation with Physics. We introduced a complete course on 'Astronomy, Astrophysics and Cosmology' which is not available in any other college under Mumbai University. Another applied component on 'Environmental Physics' introduced in 6th semester brought about a good

challenge for the department. Students had to take up an Environmental issue where Physics could be applied for the greater good. The students that registered for this course successfully completed their research projects and truly proved their caliber.

The Third year students gave a positive feedback about the innovations made by the department in teaching-learning process.

The department believes that education doesn't end after the degree and helps its teachers strive to achieve the personal goals they have set. Dr. Jyoti Singh and Dr. Rohan Jadhav attended a one week training workshop at IUCAA.

Dr. R Dubey and Dr. Rohan Jadhav completed a refresher course on 'Information and Communication Technology'.

Dr. R Dubey and Prof. Ajay Yadav attended a conference on 'Materials and Environmental Science' and were honoured to present their papers at Shivaji University.

Prof. Ajay Yadav attended a week long training program on 'AVR Micro-controller and Arduino' at WRIC-Kalina, Mumbai.

Dr. Vidasankari was invited to conduct lectures for two courses, one each for MSc I and II, at B.N. Bandodkar college, Thane and, Dr. R Dubey was invited by Ruia college to handle one course at MSc I.

Also, this year, Dr. Leena Joshi and Dr. Shyamala Bodhane acted as resource persons at the Orientation Cum Selection Camp organised by HBCSE for selection of students to represent India in the International Physics Olympiad. Dr. Bodhane also was, one of the judges at National Experimental Competition for Physics organised by IAPT and also attended BOS meetings at Jhunjhunwala college, K C College, Somaiya College in Mumbai as well as at Rajarshi Shahu Mahavidyalaya in Latur.

Dr. Bodhane was a jury member at the Science & Engineering Fair organised by Anveshana.

Mr. Rajesh Singh wrote one research paper which was published in XPLORE and, Dr. Leena Joshi and Dr. ShyamalaBodhane published a research paper 'Student Evaluation of Project Based Learning Method in Undergraduate Physics Lab' in OmniScience.

The department's annual exhibition was made an inter college activity and we saw five entries from other colleges. The theme this year was, 'From Movies to Mars via Hospital'. The exhibition saw participation from six schools and few colleges as an audience.

The department seminar PROBE-19 was also declared as inter college activity and for this also we received 5 entries from other colleges. PROBE-19

was inaugurated with a guest lecture by Prof. T. P. Singh, Astronomy department of TIFR who spoke on 'Why Einstein was disappointed with Quantum Mechanics'.

There were few more guest speakers who delivered lectures on various topics:

Dr. Jai D. More an Asst. Prof. at IIT (Mumbai) spoke on the 'Story of Proton'. Mr. Pritam Das, a Sound designer and planner, who's close knit with the music industry in Mumbai told us about 'The world of Sound and Career opportunities in this field'.

Dr. Krishna Iyer – Assoc. Prof. at Pharmacy College, Kalina, Mumbai spoke about 'Using various research methodologies'

Prof. Shriganesh Prabhu. TIFR, Mumbai spoke to us about 'Tera Hertz Spectroscopy'

In an interesting turn of events, the Physics department, in collaboration with the History department, organised an exhibition on 'World Wars'. Physics students explained the physics behind the weapons and techniques used during the wars.

As we do regularly every year 30 first year students visited HBCSE accompanied by Prof. Rajesh Singh and Dr. Leena Joshi.

Prof Rajesh Singh, with the help of Dr. Rohan Jadhav and Dr. Leena Joshi, conducted summer workshop on experimental physics where twelve students participated and completed the given tasks successfully. All the students of TY class, along with Dr. Vidasankari and Dr. R Dubey, visited the Cama Albles hospital where they were explained and shown demonstrations on the working of NMR machine and other nuclear radiation techniques. The students were also taken to TIFR where they were demonstrated few experiments of Atomic & Molecular Physics. Students were also encouraged by TIFR faculty to handle some of equipment and perform the experiments themselves.

The third year students, with help of few second year students, formed a group named 'Sigma-Phi: The Society

of Physics'. Abhilash Cheekoti, Nikhil Londhe and Sreerag Sundaram were the office bearers of this group and they arranged lectures on topics which were difficult to learn but were interesting. A workshop on Arduino conducted by TY student Jayesh Yadav was organised by Sigma-Phi group. The group also collected articles and helped publish the department magazine called 'Void'.

Our students were remarkable and achieved a lot in the year, some of them being:

1. An SY student, Tanishqa Khanted, along with other TY students, Aditya Sane, Varun Sane, Abhay Mehta, Sreerag Sundaram, Pijush Mondal, Abhilash Cheekoti, Abhijeet Patil, cleared the NGPE exam.
2. Our TY students Aditya Sane, Varun Sane, Abhay Mehta, Sreerag Sundaram, Abhilash Cheekoti, Prachi Nagpal, Darren Carvalho, Merin N S, Rajkumar Shanajaoba Singh and Saurabh Jadhav successfully completed internships at reputed institutes and places.
3. A research paper written by two students Aditya Sane and Sreerag Sundaram along with Dr. Bodhane was published in XPLORE.
Ms. Prachi Nagpal wrote a research paper with Prof. Ajay Yadav and it was also published in XPLORE.
4. Two SY students, Sarvesh Bhogoankar and Omkar Chavan participated in a competition held during the national convention of IAPT at Ranchi and won 2nd prize (computational physics) and consolation prize (experimental physics) respectively.
TY students, Prachi Nagpal and Pijush Mondal also presented their papers in the same IAPT convention.
5. Six TY students, Sreerag, Abhilash, Abhay, Jayesh Yadav, Varun and Pijush cleared the JAM exam.
6. Aditya and Sreerag bagged the first prize in poster presentation at International Science Conference held at Xavier's.

7. Abhay Mehta presented a poster at 36th meeting of Astronomical Society of India.
8. Sreerag Sundaram won the first prize in Quiz competition held at Vivekanand College, Mumbai
9. Sudina S., an SY student, won the second prize for presenting demonstration of an experiment

in a competition organized by Jai Hind College, Mumbai.

10. Sreerag Sundaram qualified in the top 400 start-ups in the 'SMART-FIFTY' rganized by DST and IIM Calcutta.

From the next academic year, 2019-20, Physics department is starting a PG course MSc -Physics with a

specialisation in Astrophysics. During the year 2018-19 a sufficient number of meetings were held to discuss and plan not only the syllabus but also the administrative and academic details of this new course. The course has been announced and we are waiting to expand our horizon.

Dr. Shyamala Bodhane
Head, Department of Physics

POLITICAL SCIENCE



Diplomat Petal Gehlot addressing the Political Science Students

The department of Political Science strives to introduce a variety of activities and events to the students, which are both informative and provide a memorable experience for them. These activities are organised through The Xavier's Political Science Association (XPSA), an elected body of students from FYBA, SYBA and TYBA. The theme for the academic year 2018-19 was, "The Idea of Identity" and this theme was the core of all the events and activities conducted throughout the year.

We began our activities with an interactive session, with Lieutenant Commander Mr. Harinder Sikka, the author of 'Calling Sehmat', which was adapted for the famous Hindi movie 'Razzi.' He enlightened us with his discussion on his experiences with the awe-inspiring Sehmat, spiritualism and patriotism. A very motivating speaker, Mr Sikka, guided the students on

dealing with challenges in life.

The annual Parimal K. Shroff National Essay Writing Competition, was held in the month of September on the topic, "Politics of Identity". We received entries from undergraduate students from all over the country and a cash prize was given to the three best essays.

Another event that was held in September was a research paper writing workshop by Professor Kannamma Raman, who spoke about the various aspects of writing a research paper and the key components of good research.

A National Seminar was held on 15th November 2018, titled "Article 35 A- Conflict of Identities & Violation of Fundamental Rights". It was an interactive session with victims of Article 35 A, who came from Jammu Kashmir, as well as senior lawyers and other experts. The speakers were - Adv. R. K. Raizada, (Senior Advocate, Supreme Court of India and Additional Advocate General, Uttarakhand), Adv. Rajeev Pandey, (Advocate, Supreme Court and Bombay High Court), Mr. Gharu Bhati and Ms. Radhika Gill, representing the Valmiki community, Mr. Labba Ram Gandhi and Mr. Sukhdev Singh, who represented the West Pakistan Refugees, and Mr. Kamakhya Narayan Singh, (Director-Travel Xp channel and documentary maker), whose documentary on 35 A was screened. Very little information is available in public domain about the issues of the victims of 35 A and hence the seminar was an eye opener to the crisis at hand as the reality of the hardships faced by the people of Jammu Kashmir was brought to light. The legal expert elucidated the constitutional and legal aspects of this issue while

Mr. Singh discussed the human rights aspect by discussing his documentary.

On 4th January 2019 the XPSA, in association with the Ministry of External Affairs, Government of India, hosted an interactive session with Ms. Petal Gahlot, an alumna of our department, who is an IFS officer and currently working in the office of Indian Embassy in USA. The session was part of an initiative 'SAMEEP - Students and MEA Engagement Programme', to engage with the youth at all possible levels. Ms. Gahlot gave an insight on 'Avenues of Diplomacy and Foreign Policy'. She also spoke about the preparation and practice that goes into writing a civil service exam. Her openness about her challenges in her career gave the audience an honest view of what civil service is all about. It was a very fruitful exercise for the students who wish to pursue a career in Civil Service.

In the same month, the XPSA organised its flagship event, Intercollegiate Youth Parliament with the topic "Do We Need a Uniform Civil Code?" Uniform Civil Code has been a point of debate for years and XPSA presented a platform to the participants to Reason, Rebut, Resolve and step into the shoes of the policy makers and voice their opinion. Students, both in-house and from other colleges enthusiastically participated in this event.

A group of seven students from TYBA, visited villages in Uttarkashi, Uttarakhand, as part of a field visit for their final Dissertation, with Dr. Naitthani. They lived in tents near the village and trekked long distances to visit the remote villages to interact with the communities. The students covered

various topics, such as, the problem of deforestation, issue of migration due to development and for education, the condition of the health care sector, conservation policies and community rights, condition of the education sector. The visit to remote villages was an enriching experience for the students, and as shared by some, a life changing experience.

On February 7th 2019, the Xavier's Political Science Association organized an International Conference in Collaboration with the Indian Council of World Affairs- ICWA and ICSSR. The topic for the International Conference was "Geopolitical Challenges – India and Her Neighbours." We welcomed several distinguished speakers including the Keynote speaker, Vice Admiral Girish Luthra, a retired Flag Officer Commanding-In-Chief, Western Naval Command of the army. The other speakers were Capt. Alok Bansal, Lieutenant General Syed Ata Hasnain, Mr. Claude Arpi,

a French scholar and journalist, Dr Sanjay Chaturvedi, the Dean of Social Sciences at the South Asian University in New Delhi and Dr. Puyam Singh. The International Conference was attended by a large number of students and staff from our college as well as other colleges. The participants were mesmerised by the speakers and their extensive knowledge. The interaction with the top experts in the field of Geopolitics was a fulfilling experience for everyone involved.

Samvad, the department magazine, followed the theme of 'Idea of Identity' for its 2018-19 edition. Students from varied disciplines contributed with their own perspectives and interpretations of identity. A wide range of articles and research papers, right from discussing the issue of caste identity in the UK as well as Jammu and Kashmir, to understanding identity in relation to language and gender and even the growing 'Southeast Asian' identity in the international forum,

were published in Samvad. Keeping in mind the tradition of interviewing the dignitaries, two personalities, Irom Sharmila, who has spent a lifetime fighting for the rights of the people of the northeast and Mr. Wilson Bezwada, who has been a pioneer in the fight against institutional caste oppression and manual scavenging were interviewed by the students.

We tried our best to open the unknown avenues to the students and give them exposure in various fields. None of these activities would have been possible without strong support from our Principal, Dr. Rajendra Shinde, my colleagues Shazia Shaikh and Aradhna Talwar, my very efficient team of XPSA members and dedicated team of volunteers from various streams of our college. I thank all from the bottom of my heart and I look forward for similar support and enthusiasm in the coming years.

Dr. Pratiba Naitthani,
Head, Department of Political Science

PSYCHOLOGY

In the year of our sesquicentennial celebration, the Psychology Department not only reports its activities for the year 2018-19, but delves into the quantum realm, to emerge, for a few moments in other time periods, to give you, glimpses from the past. As you journey through the multiverse of our department with us (thanks to the Pym particles in this article), we hope to share with you, **our gratitude for the past, our appreciation of the present and our anticipation of the future.**

Let us begin by giving thanks for the two Spanish priests who had the courage and vision to put psychology on the map of higher education in Bombay. It is 1957 and the Psychology department of St. Xavier's is founded under the guidance of Rev. J. Filella and Rev. J. M. Fuster, pioneers in our field. Over the years, with the support of faculty such as Prof. Madhavrao Ghorpade, Ms. Emma Vaz, Miss Ravinder Ahluwalia, Miss Mangala Nath, Miss Geera Boywala, Miss Maureen Rego, Miss Bunny Mistry, Miss Medha Kotwal, Fr. George Rosario, Miss Edwina Pio and others, the Psychology department

and the co-curricular 'Psychology Group' organized activities such as visits, guest speakers, symposiums and films as part of 'Psychology Week' to provide interesting and insightful learning experiences. I would like to put in a personal word of appreciation to my own teachers and mentors Ms. Bunny Franco, Ms. Geera Kalanjee and Ms. Maureen Almeida who have inspired and guided me in my own journey of growth with the psychology department of our college. Another source of inspiration was Fr. Terence Quadros. He was a faculty member for a few years as well as director of the counselling centre for several years, and conducted workshops on themes like self-awareness, communication skills, creative thinking.

Coming back to the present, in 2018-19, we organized 3 workshops that were conducted only for our TY Psychology students and 13 **workshops** on varied themes in Psychology, that were offered as credits for honours students of psychology and other disciplines. Most of these were conducted by alumni who were happy to share their time

and expertise as resource persons to guide our undergraduates. The list of workshops conducted by them is as follows:

Sr. No.	Resource persons	TOPIC	Dates
1	Ms. Rhea Gandhi	Team building for TY psychology	9 th June 2018
2	Monk Prayogshala	Research Capacity Building & Report writing for TY psychology	13 th & 14 th June 2018
3	Aspi Shroff	Possibilities (training for TY counseling students)	15 th & 17 th Jan 2019
4	Ms. Maurelle D'Sa & Ms. Nicole Menezes	Sports Psychology	28 th & 29 th July 2018
5	Ms. Toru Jhaveri	Psychology of Storytelling	11 th & 12 th August 2018
6	Ms. Janavi Doshi	Forensic Psychology	19 th & 20 th Jan 2019

7	Ms. Devika Mehta	Dance Movement Therapy for dealing with Anxiety	24 25 Nov 2018 (also on 3 rd & 4 th Feb 2019)
8	Ms. Prerana Dhar-nidharka	Mindfulness	1 st & 2 nd Sep-tember 2018
9	Ms. Jagruti Wandrekar & Ms. Advaita Nigudkar	LGBTQIA and Affirmative Therapy	1 st & 2 nd Sep-tember 2018
10	Ms. Shama Shah	Rational Emotive Behaviour Therapy	8 th & 9 th Sept 2018 (Also in Feb 16 th & 17 th)
11	Ms. Saindhavi	The phone's hold on you (psychology and social media)	21 st & 22 nd Nov 2018
12	Ms Alisha Kalidhar & Abisha Fernandes	Positive Thinking	12 th & 13 th Jan 2018
13	Ms. Shruta Nayak	Winning at work with Emotional Intelligence	9 th & 10 th Feb 2019
14	Ms. Jehanzeb Baldiwala & Ms. Shamin Mehrotra	Narrative Practices	2 nd & 3 rd Feb 2019
15	Ms Rupa Kalahasthi & Ms. Shruti Murali	Communication in Relationships	27 th , 28 th and 29 th August 2018
16	Ms Tarana Pithawalla	Assertiveness Training	16 th & 17 th February 2019

The annual Khandala seminars have been on the landscape of psychology department activities since the 1980s, with a range of themes such as Attitudes, Child Psychology, Personality, Positive Psychology, Controversies in Psychology, Relationships and Sexuality, Learning & Memory, Application of Psychology to everyday phenomena, to name a few. In the year 2018-19, we had 117 psychology students who attended (38 FY, 55 SY, 24 TY) the **Khandala Seminar**, along with all 3 staff members of the department, Fr. Dean Fernandes, Ms. Linda Dhakul and I. Across simultaneous sessions over one and a half days, 43 papers were presented on topics covering the

theme: *Individual and group differences: exploring and appreciating diversity*. Many of these were Honours students who earned themselves credits for their work and few of the presenters chose to engage in the endeavour purely for the learning experience.

We organized **guest speakers** some of whom were invited during class hours to address a specific group. Others conducted their lectures after class hours and these were attended by diverse groups of students. Two of the resource persons were in fact alumni and retired faculty of our college. It was a pleasure to have former head of the Mathematics department Mr. Felix Almeida and Mrs. Maureen Almeida (who was Head of the Psychology Department from 1979 to 2015) interact with our students. The list of guest speakers and the dates of the events have been tabulated below.

Dates	Topic	Guest speaker
19 th Sept 2018	Hypnotherapy	Ritu Kabra
25 th Jan 2019	Intervention for Bullying	Dr. Noellene Fialho School counselor & visiting faculty for XICP
30 th Jan 2019	Counseling & services for the Elderly	Dr. Vandana Nadig co founder ElderAid, Bangalore
5 th Feb 2019	The road ahead as a social science major	Shabbir Ghatila from The Chicago School of professional psychology (in collaboration with The Red Pen)
5 th Feb 2019	Counseling with Children	Ms. Kavita Bhatia (Chetana Foundation)
25 th Feb, 27 th Feb, & 1 st March 2019	Advanced Inferential Statistics	Mr. Felix Almeida Retired Head of Mathematics Dept. St. Xavier's College, Mumbai
20 th , 25 th , 27 th Feb and 1 st March 2019	Understanding the Extraordinary Behaviour of Ordinary People	Ms. Maureen Almeida Retired Head of Psychology Dept. St. Xavier's College, Mumbai
21 st Feb 2019	Organizational Life Skills (enhancing employability)	Ms. Shruta Nayak

21 st Feb 2019	Aegis4Seniors services for senior citizens in Mumbai	Ms. Manjusha Battle and Ms. Smita Zankar
9 th March 2019	Narratives on Mental Health and wellbeing	Ms. Priyanka with Team Tarasha (TISS)

A special series of lectures on courses and career paths after graduation with Psychology called '**The Next Step**' was started from 2015-16. This endeavour was undertaken to help students make a more informed choice for further education or work. It was held on Friday 22nd February 2019, and attended by 58 students (16 FY, 18 SY, 24 TY). Many of the resource persons (who are listed in the table below) were alumni of the department and served as an inspiration for the students in the audience.

RESOURCE PERSON	COURSE/AREA OF WORK
Shweta Ravi	Entrepreneurship (has started her own company CHINKOR)
Sailee Biwalkar	SNDT Churchgate
Ashini Shah	Diagnostics & Therapy
Neha Shah	Special education
Rupal Vora	SIES institute for comprehensive education
Dr. Danielle Pereira	TISS entrance process (School of Human Ecology) The proposed Xavier's MA Psychology: Lifespan Counseling
Caroline Francis	TISS Education course
Dr. Umesh Bharte	Courses at UDAP, Kalina, University of Mumbai
Dr. Noellene Fialho	Human Development, Nirmala Niketan and school counseling
Praneeta Katdare	MNWC Parla
Sharon Miriam	Azim Premji Institute
Priyanka Bajaj	Montessori course, currently teaching in a school
Sharon D'Souza Pretto	Social work career and (currently studying at) Garware Institute MA in Emotional Intelligence
Yashi Gandhi & Pooja Shah	Taking a gap year for work experience (internships)

The core team of SYBA students who were responsible for publishing the department **magazine** 'Uncommon Sense', chose the theme '*Psychology of Symbols*' for 2018-19. A tour through the archives of the past tells us that although psychology magazines were occasionally published by students (such as 'Pstuff' in 1996-97),

Uncommon Sense has been an annual feature since the year 2000-01. One of the memorable issues of the psychology department was called 'Grey Matters' and was published in 1990-91. That year the department also held an Exhibition that was titled 'Mind Your Head'. Quick detours while (we are in the past) reveal that we have also had exhibitions in 1986-87 'Inside Out', then in 1999-2000 the theme was 'Health Psychology' and the exhibition in 2003-04 called 'Pride and Prejudice' was on Communalism. This one was held along with an interdisciplinary lecture series, organized in collaboration with the departments of History and Sociology and Anthropology.

Having caught the timestamp for 2018-19 in our journey through time, let us share some of our initiatives at social **outreach**. As part of their **Social Involvement Program**, 34 FY students participated in the initiative involving the task of assisting an exchange student/outstation student to adjust to the college and the city. This mentoring and befriending program was initiated since 2015-16 and has been appreciated by students who have participated in it.

Another initiative was designed around improving **emotional wellbeing**. There were two parts to this, one called Emotional Connect was conducted by our TY students of Counseling psychology and the other called Emotional Uplift, was conducted by a group of SY and TY students. Emotional Connect was proposed to provide an opportunity for anyone on campus to accept and express their emotions in a safe space, characterized by empathy, positive regard, a nonjudgmental attitude and genuineness. The objective of this intrapersonal and interpersonal experience was not to 'solve people's problems', but to help individuals connect with their own emotions and with each other. The underlying assumption being that we grow through interpersonal experience. Although we kept ourselves available in the break, for 6 Mondays from end July to mid September, very few persons availed of this 'Listening Space' in our Psychology Lab. Emotional Uplift was designed to increase the happiness quotient of random persons on our campus, through short de-stressing activities.

These exercises were conducted by our students in their break, for 6 Tuesdays during August and September. For each session, around 6 of our student volunteers chose an activity for positive energy (such as writing a gratitude note) and then engaged others in it for a short duration. Each time, they returned to the lab with positive feedback and a warm smile.

Moving beyond the walls of the college, here is a glimpse of **participation in festivals, competitions and conferences outside of Xavier's**.

This year, 19 psychology students from FYBA volunteered for a program titled Kabhi Khushi Kabhi Gham, dealing with mental wellbeing, specifically dealing with emotions in children of various schools in Mumbai. The venue was Dominic Savio School Andheri East. Ms. Linda Dhakul personally supervised their work and contribution at the venues on 11th and 12th January 2019. Their contribution involved handling Logistics for the event. It enabled the successful completion of this program as designed by Prafula (which is the largest NGO working in Mumbai in the area of Mental Health).

Few of our students attended at the 26th Annual BPA Conference that was organized in collaboration with Shri M.D. Shah Mahila College of Arts & Commerce. It was held on 1st and 2nd Feb 2019 at their college in Malad. It was a multidisciplinary National conference and the theme was Millennium Challenges for Psychosocial Adaptation. As an executive committee member of the BPA Ms. Ruby Pavri assisted the organizers and moderated the session on caring for the elderly. There were 4 students who attended from St. Xavier's College, Autonomous, Mumbai, and three papers were presented at this conference by our students.

Despite their busy schedules and academic demands, 11 of our students (TY and SY) participated in the Jaihind college psychology festival PSYCHINSIGHT held on 9th January 2019. They secured first place in the event Psych Surprise and also won the overall trophy for the festival and deserve our heartiest congratulations!

To conclude this report, after travelling through the past, let us turn our gaze to the future. In 2019, we got approval to begin **two new Post Graduate courses**. We now have an **MA Psychology: Lifespan Counselling**, a two year course designed to train competent mental health practitioners to work with persons and populations across the lifespan. Along with two new in house faculty members (Dr. Danielle Pereira and Ms. Ruchi Brahmachari) who will teach courses, guide research and monitor field work, many of our alumni and their colleagues who are practising psychotherapists, have agreed to come on board as visiting faculty and therapists for personal counselling that students need to experience. The modules on therapeutic skills will be taught by those who are willing to bring their professional experience into our PG class.

We are also starting an intensive one year **PG Diploma in Expressive Arts Therapy** which offers training in the therapeutic use of Art, Drama, Music and Dance Movement as modalities for practitioners to help diverse groups of people. This course has been designed by specialists in each of the expressive arts modalities and will be coordinated by Ms. Devika Mehta. The objective is to develop competent practitioners in this highly specialized field of expressive arts therapy. Internationally certified faculty from across the country have been invited to teach on this course to give participants a solid theoretical foundation and hands on skills to be applied in socially challenging environments within educational and developmental settings.

We have now run out of Pym particles, time and space... so I end this report with a universal appeal to all alumni, parents and well wishers. Find a way to contribute towards the legacy that is St. Xavier's... reach out and help us to shape a better world... for the future is now!

Ms. Ruby Pavri
Head, Department of Psychology.

PUBLIC POLICY

The program was envisioned by Principal Agnelo Menezes based on the need of the hour to provide multi-disciplinary skills to understand, analyze and evaluate the ever expanding role of the government in the economy, polity and society. The program aims to create public policy analysts trained to solve real world problems affecting the lives of large groups of citizens.

It is a constant endeavor of the department to get external experts from the field of academics, government and NGOs to enlighten them with insights into their areas of expertise.

Some examples of the **student enrichment programs** conducted in college and attended in the city:

Workshop on Designing Policy Solutions for drought in Maharashtra with Georgetown University students from November, 2018 to March, 2019.

Work-Readiness session by Talerang Career Training team on 12th July, 2018.

Professor Irfan Nooruddin, Ph.D. Hamad bin Khalifa Al Thani Professor of Indian Politics, Faculty Chair, Walsh School of Foreign Service, Director, Georgetown University India Initiative spoke at the guest lecture on 24th July, 2018 on **"India's Role in the World as it Aspires to Global Power Status"**.

Urban Policy students visited Columbia Global Centers | Mumbai to hear a Lecture by Dr. Zachary Burt, a Research Fellow at the Mailman School of Public Health, Columbia University on **"Water and Sanitation for All: Tracking India's Progress"** on July 25, 2018.

Interaction of students with alumni, Mr. Cassius Castellino, Project Coordinator, Swissnex India, Consulate General of Switzerland on 8th August, 2018 as a part of a career counseling campaign.

Guest lecture by Prof. Madina Tlostanova, Professor of Postcolonial Feminisms at Linköping University, Sweden with the title, **"The Postcolonial Condition, the Decolonial Option**

and the Postsocialist Mediation" was hosted by the Department of Public Policy, St. Xavier's College, Mumbai on September 25, 2018 in collaboration with the Tata Institute of Social Sciences, Patna Centre.

The Department of Public Policy in association with The Xavier's Resource Centre for the Visually Challenged organised a workshop titled **"Antarchakshu*2.0 — The Eye Within"** on 7th and 8th February 2019.

As a token of respect to **"Indian Navy at 70"**, the Department of Public Policy organised a lecture on **"Maritime Security Overview of India - History, Geography and Diplomacy"** by **Cmde Srikant B. Kesnur**, Director, Maritime Warfare Centre, Western Naval Command, Indian Navy on 12th February, 2019.

Interaction of students with alumni, Ms Purnima Khandelwal, Program Officer- Family Planning at Population Foundation of India, New Delhi, on 19th February, 2019 as a part of a career counseling campaign.

Foreign Policy students visited Columbia Global Centers | Mumbai for a talk by Safwan Masri, Executive Vice President of the Global Centers and Global Development, Columbia University, on February 22, 2019. The subject was, **"Shifting Power Dynamics In The Middle East: Prospects for Democracy and Pluralism"**

STUDENT ACHIEVEMENTS

Ishita Patil:

1. Attended a 7- days workshop on **'Women Workers in the Labour Movement: Challenges and the Way Forward'** organised by Urban Action School - 29th Oct to 4th Nov 2018
2. Attended Social Sciences Winter School in Pondicherry on **'Labour and Development'** organised by French Institute of Pondicherry - 3rd Dec to 7th Dec 2018
3. Presented a paper *'Delivering Food in Mumbai: A Study of Platform and Non-platform Service Economy'* at Ibteda 2019 - TISS Mumbai

(March, 2019)

Simran Massey

1. **IPPN 2019 Conference**- Paper presenter and panelist, among international participants, at the **2nd International Conference of the India Public Policy Network** in collaboration with Water Aid India and Department of Political Science, University of Delhi. Theme: **"Politics and Public Policy"**, Panel: Employment Policy (Individual).

Presented an econometric research paper on the topic *'Decent Work in Global Supply Chains amidst Politics of Globalisation'*, under Chairperson: Professor Sunil Choudhary and Discussant: Dr. Surae Soren.

2. **TISS Ibteda 2019**- Paper Presenter and Panelist.

Research paper on *'Destruction or Polarisation: Impact of Technology on Jobs'* selected for top

four presentations at **'Ibteda 2019'- Academic Conclave of School of Development Studies**

Tata Institute of Social Sciences (TISS), Mumbai.

3. **Indian Liberals Essay Contest 2019**, hosted by the Centre for Civil Society (CCS) in partnership with Friedrich Naumann Foundation for Freedom.

First Prize Winner, Topic- *'Encoding Privacy in a Digital World'*

Published- <http://indianliberals.in/newdetails?id=MTQ=>

4. Niti-Samvaad Journal 2019, Volume III, Department of Public Policy- Co-authored research article published on the topic: *"Protecting Innovations and Data: Can we have Ethical Surveillance?"*
5. Stephanian Finance Review 2019, Individual research paper selected and published in the Finance and Investment research journal of St. Stephen's College, Delhi on

the topic *'Finance in the Informal Economy: Promoting Decent Work among Women'*.

Chanya Kapoor

1. Presented a paper in National Conference on *"Disability, Gender and Violence: Issues and Challenges"* organised by Centre for Women Development Studies and Women's Asia Fund in February 2019.
2. Presented a paper in International Conference on *"Safer Mobility"*, organised by Indian Road Safety Campaign, Niti Aayog and Ministry of Road Transport and Highways in May, 2019. The paper was given recognition under Watch the Road Competition.

Faculty Publications and Seminars Attended

Dr. Awanish Kumar:

Editing and Refereeing Responsibilities

1. Consulting Editor (Book Reviews), *Economic and Political Weekly*, Mumbai.
2. Peer Reviewer: *Economic and Political Weekly*, *Journal of Agrarian Change* (Impact factor: 2.391)
3. Member, Editorial Board, <http://fas.org.in/blog/>, *Foundation for Agrarian Studies*, Bangalore.

Publications/Paper Presentations

1. *'Ambedkarite Land Question in India'*, Centre for South Asian Studies, University of Edinburgh, 23 May 2019.
2. *'Agrarian Economy of Bihar today'*, and *'Land and Tenancy in Rural Bihar'*, *'Consultation on the Findings from Socio-economic Surveys in Bihar'*, organised by the Foundation of Agrarian Studies, Bangalore, 22-23 December 2018.
3. *'Autobiography of an Iconoclast'*, *Economic and Political Weekly*, Vol 50, No 20, pp. 25-28.

Conferences/Seminars Organised

1. 7-day long fully residential URBAN ACTION SCHOOL on the theme, **"Women Workers in the Labour Movement: Challenges and the Way Forward"** in association with Action Aid India during 29 October to 4 November 2018. About 30 participants from across the country attended the school.
2. A two-day seminar titled, **"Celebrating Mahatma Gandhi"** to commemorate the 150 years of the birth of Mahatma Gandhi during 15-16 February, 2019. Prominent speakers such as Lord Bhikhu Parekh, GG Parikh, Usha Thakkar, Nishikant Kolge, Shyam Benegal, Prabodh Parekh. More than 100 participants over the two days.
3. Equipolis Urban Praxis Seminar on the theme, **"Mumbai in Transition"** on 22 February 2019 in association with YUVA, Mumbai. A report can be found here: <https://www.thehindu.com/news/cities/mumbai/from-expansion-to-transformation/article26369019.ece>.
4. Public lecture by Prof. Madina Tlostanova, Professor of Postcolonial Feminisms at Linköping University, Sweden titled, **"The Postcolonial Condition, The Decolonial Option And The Post Socialist Mediation"** at St. Xavier's College, Mumbai on September 25, 2018 in collaboration with the Tata Institute of Social Sciences, Patna Centre.

Public Lectures Delivered/Invited Participation

1. Invited to deliver a lecture to the students of Post Graduate Degree in Dr. Ambedkar Thoughts at Dr Ambedkar Centre for Social Justice, University of Mumbai on 6th October 2018. The title of the lecture was **"A New Dalit Land Question."**

2. Invited to deliver a lecture on the theme, **"How to Write a Research Paper"** in a 2-day National Workshop organised by the Faculty Development Centre, Banasthali Vidyapeeth, Rajasthan on 4 February 2019.
3. Invited to participate in the workshop on the teaching of economics in India with a focus on the new CORE Economics textbook organised by Azim Premji University, Bangalore during 27-28 October 2018.
4. Invited to participate in the International Conference on **"Women's Work in Rural Economies"**, organised by Foundation for Agrarian Studies (FAS), Bangalore in Vayalar, Chertala, Kerala during 30 November to 3 December 2018.

Ms. Nandini Naik

Participated in a faculty seminar on **"Role of the University in a changing world"**, on 20th February, 2019. The speaker was Prof. Gerald Pillay, Vice-Chancellor, Liverpool Hope University.

Participated in the Symposium on **"Transforming Urban Livability"**, organized by the Tata Trusts and University of Toronto in Mumbai on 6th March, 2019.

Attended a presentation on the **"Status of Mumbai Metro"** by Ms. Ashwini Bhide, IAS, Managing Director, Mumbai Metro Rail Corporation on 26th April, 2019.

It is heartening to note that many of our students have secured employment with well-known organizations like Niti Aayog, SwissNex, Foreign and Commonwealth Office (UK), Population Foundation of India, Chase India, IIM Ahmedabad, IIT Mumbai, Urban Management Centre etc.

We look forward to expanding our horizons in the new academic year.

Dr. Agnelo Menezes

Head, Department of Public Policy

SOCIOLOGY AND ANTHROPOLOGY



The Department of Sociology and Anthropology along with its constituent student bodies- the Academy of Sociology and Anthropology and the Eidos Editorial Team- had a compelling and eventful academic year (2018-19). Some of the highlights include:

The Mentor-Mentee Program:

In its third run, the Mentor-Mentee program connects students of Sociology and Anthropology from the First and Second Year with their ThirdYear counterparts. Students are paired with seniors who guide them throughout the year with assignments, readings and finding a balance between the various activities that college has to offer.

Honours Program

An honours program titled “Engaged Ethnography and Public Anthropology: Genealogy, Critique, Practice” was conducted by Mr. Proshant Chakraborty in July-August 2018. This activity covered a brief history of applying anthropology to ‘real-world’ problems, both historical and contemporary, from colonialism, to multiculturalism and cultural relativism, to problems posed by neoliberal capitalism, social and political violence, and climate change. Particular emphasis was given on the development of ‘public’ and ‘engaged’ forms of anthropology which questioned the supposed neutrality or objectivity of science. It concluded with a walk through some parts of Dharavi.

Writing Workshop

The Academy of Sociology and

Anthropology organised a writing workshop for students which was conducted by Dr. Sunetro Ghoshal and Ms. Ankita Gujar, along with the Eidos Editorial Team. They covered the various aspects of writing academic assignments as along with the basics of citing, referencing and plagiarism. On popular demand, a second round of the writing workshop was conducted by Dr. Sunetro Ghosal. This series was tailored to the needs of students across their undergraduate years and focused on addressing a variety of writing problems faced by them.

Department-centric SIP

The Department-centric SIP for this academic year involved knowing and understanding the environment, rights and community outreach through environmental education. It was conducted across 2 days in 3 phases by resource person Ms. Snowy Baptista, who works with Mumbaikars for Sanjay Gandhi National Park (SGNP) and Ms. Ankita Gujar. The students were familiarized with information, debates and general issues surrounding the city, its connection with SGNP and what role they can play in outreach. Nine students created activities around storytelling, games, charts and quizzes to use during a 1.5-hour workshop for 30 students of the 3rd and 5th standard of a government school situated inside the national park.

Marathi Play

The Department hosted a Marathi play - ‘Family.com’ - which was conceptualised and executed entirely by a group of students. The play served as a helpful

introduction to its annual seminar as it explored the nuances of technological development and its interaction with interpersonal relations in the actual and virtual worlds. It also attempted to access the language of technology through a regional language.

Annual Department Seminar

The annual seminar was organised on the 18th and 19th of January, 2019, at Premanjali Counselling Services, NallaSopara. Students across different academic years and various disciplines connected over this year’s theme - “Going Boink! Reality 2.0” through paper presentations and intensive panel discussions.

Documentary Screening:

The Academy of Sociology and Anthropology organised a special screening of ‘But What Was She Wearing’ on 4th February, 2019. This feature-length documentary on sexual harassment at the workplace examines the significance of the prevailing law and the impossible odds Indian women are up against in pursuit of justice. The screening was followed by an interactive session with its director Ms. Vaishnavi Sundar.

Blog: Deconstructing Realities

The official blog of the Department is run by a team of students who work on making the ideas and words of Xavierites accessible to a larger audience. The blog aims to be a forum to share sociological thought on contemporary issues while promoting an atmosphere that fosters academic research. Recent posts have been about new food movements, value of vowels, deconstructing porn in popular culture and food photography among others.

Launch of the departmental magazine Eidos

Staff Activities Through the Year

Dr. Sam Taraporevala undertook a sensitization workshop and accessible technology demonstration for the DOW Chemicals at their Vikhroli office in order to promote the concept of inclusion in the workplace. He conducted “I For Inclusion”

sensitization training at Dhirubhai Ambani International School for teachers to facilitate effective teaching, learning and evaluation of the visually challenged students in inclusive classrooms. He delivered the keynote speech on “*Explore, Experience and Empower*” as part of the Round Square International Conference at the same location. He also held a sensitization workshop and accessible technology demonstration at IIT Gandhinagar, organised for educators at the school, college and university levels.

He was invited to speak at Snehankit as a chief guest at their annual day and was a panellist and speaker at the National Conference on Social Integration “*Know your Rights*” by Saksham and Camba in Jaipur at Keshav Vidyapeeth. He was appointed as a member of the committee to draft an ordinance of Maharashtra government to conduct access audits and a celebrate world disability day, set up by Kavayitri Bahinabai Chaudhari of North Maharashtra University, Jalgaon. He had also organized and coordinated access technology exhibitions at Standard Chartered bank at BKC, India Economist Summit in Trident, Reliance Jio office at Reliance Corporate Park in Ghansoli and at Accenture’s office in Vikhroli, with an aim to spread awareness on how access technology can help build a more inclusive society. He delivered the key note address at Sameeksha the annual academic and cultural fest of the school of social work at the Tata

Institute of Social Sciences(TISS). He has also coordinated and organised a series of customised awareness and sensitisation workshops Antarchakshu 2.0 targeting diverse stakeholders with the prime objective of highlighting the why and how of social inclusion and accessibility physical and virtual for persons with disability. Among others he conducted sessions for employees of BPCL, SBI Foundation, members of the lions club, diverse student groups from St. Xavier’s college as also from Nirmala Niketan (Human Development), Andrews Vision centre, Wilson College (Certificate in disability course) and engineering students of St.Xavier’s institute of engineering.

Dr. (Fr.) Savio Abreu published a paper titled “*Reflections from New Religious Movements on Ecology*” in the Satya Nilayam Chennai Journal of Intercultural Philosophy. He also wrote a review of the book ‘*Pentecostals, Proselytization and Anti-Christian Violence in Contemporary India*’ by Chad Bauman which was published in Penteco Studies. He presented a paper titled :*The Challenge of Stringent, Radical Nationalism to Inclusive Development*” at the “Inclusive Development Workshop: Greater China and Beyond” organised by Centre for Greater China Studies, Hang Seng Management College, Hong Kong. He conducted a 2-credit course on “*The History of the Suppression and Restoration of the Society of Jesus*” for Jesuit Novices at XTC, Desur, Belgaum. He has also co-edited a book titled

Public History of Goa: Evolving Politics, Culture and Identity.

Dr.Pranoti Chirmuley completed her research project titled ‘*Invisible faiths and marginalized identities: Conservation of the cultural transformation of the Parsi Zoroastrian Identity (Kanpur & Bombay)* and submitted it to the Heras Institute for the Post-Doctoral Heras Tata Heritage Conservation Fellowship.

Ms. Radhika Rani conducted a series of interactive sessions on “*Career Opportunities in the Humanities*” with students of secondary and higher secondary at Shri Guru Nanak School in Damoh (MP). She attended the Annual Indian Anthropology Congress organised at Savitribai Phule Pune University.

Ms. Ankita Gujar conducted the ‘Privilege Walk’, organised by the Social Service League (SSL). She co-conducted a Writing Workshop along with Dr. Sunetro Ghoshal, to help students develop their academic writing skills. She was the rapporteur for Conference on “*Young Urban Women and Safe Cities*” organised by the Maharashtra State Women’s Commission and Action Aid India. She also organised the department-centric SIP to facilitate exchange between students of the college and local school students from Sanjay Gandhi National Park.

Dr. Sam Taraporevala
Head, Department of Sociology and Anthropology

STATISTICS

We are proud to announce that Dr. Annapurna, member of our Department, and the Vice Principal (Arts) of our College was honoured with a Ph.D., a first for our Department, since its inception in 1987.

We are grateful to the DBT STAR Scheme for enabling us to build a Statistics Lab, with 32 computers, a long-standing dream of the Department.

As a countdown to National Stats Day (29th June), the students of The Stats Society enthusiastically organized various games and contests in the

college canteen foyer. Some of our students (TYBSc: Trishala Misra, Srividya Ganapathi, Girika Bhalla; TYBA: Sreekar Challa & Charu Agarwal), accompanied by Ms. Vaidehi Bhopatkar, attended the National Stats Day programme at the NSSO office, New Mumbai. Prof. Vaidehi also judged the Debate competition at the Programme.

SYBSc students (Sudhansu Agarwal & Mohit Kumar) attended the festivities at KC College.

We are happy to say that our students

won prizes at both places.

Later in the year on 16thFebruary, our SYBSc students (Shruti Mukherjee, Stephin George & Sudhansu Agarwal) participated in the intercollegiate Statistics Presentation competition at R.J. College of Science &Commerce. We started the year with a tour of the College Library especially for our TYBA (Eco-Stats) students coordinated by Ms. Pooja Ochaney on 19th June. Though an often tread path in the past years, the students were amazed to learn of the various facilities available to them.

Our focus this year was on conducting guest lectures, workshops, seminars and conferences to enhance student learning.

The ex-students of the department gladly held sessions for the current batch to give them an insight on the uses of Statistics in industry. Ms. Ruffi Sheikh conducted a session on Biostatistics on 25th June for our TYBSc students.

Ms. Mehr Kaur conducted a workshop titled 'Statistics using EXCEL' for our FYBA students, which commenced on 16th November. Dr.(s) S. Annapurna and Mr. Mayur More assisted her in at the sessions.

On 15th December, Tejas Mehta, Chairperson – Stats Society (2017-18) conducted an extremely informative and interactive session 'Steps Ahead – A guide for further studies' for our FY & SY students. Ms. Metika Sikka shared her experiences, working with data collected from the National Family and Health Surveys with the current SYBA students on 15th February.

On 30th March & 1st April, Ms. Kshiti Gala conducted a two-day workshop on 'Randomized Control Trials' as part of our Summer School programme.

We are grateful to all our ex-students who gladly obliged us with their time and expertise.

Various eminent resource persons were invited through the year to hold lectures and workshops for the different classes.

In accord with the new buzz words in Statistics today, Mr. Prakash Kumar – CEO & Co-founder of a Cube-IT was invited on 27th July to give our students an introductory session on Machine Learning & Artificial Intelligence. Dr. Gaurav Khemka – Sr. Lecturer at the School of Finance Actuaries & Statistics (Australian National University) met our TYBA & TYBSc students on 10th September to give them an overview on Actuarial Science - Careers & Scope. Mr. Saju, Ms. Piyali and Ms. Vaidehi accompanied the SYBA students on an academic visit to RBI on 16th November, wherein the students visited the Monetary Museum and attended an orientation on Financial Inclusion. Ms. Hemal Thakker, Co-founder - FinStat

Academy conducted a session on CAT Modelling for our TYBSc students on 16th November. FinStat Academy continued their certificate courses on 'Data Science' to train our students on software used to analyse Big Data. This year on 19th & 20th November our TYBSc/TYBA students greatly benefitted from the experience of two renowned actuaries Mr. Mayur Ankolekar and Mr. Suresh Sindhi, who conducted a two day workshop on Life Insurance Pricing and Appreciating ground-up the Black Scholes Option Pricing Formula.

Ms. Deepa Ranjit, Senior Director - Capgemini Consulting, India addressed our SYBSc/TYBA students on Data Analytics on 18th December.

On 19th January, the Statistics Department along with the Departments of Management Studies and Mass Media organized the DBT Star Scheme sponsored, one-day interdisciplinary seminar - 'Confluence' 19 with the theme 'Statistics in Business & Media – Comprehending the Data Storm'.

On the 24th of January, Mr. Brian Almeida, MD – Strategic Caravan and Ms. Moumita Sarker conducted a session on Analytical Thinking for the FYBSc students, exposing them to the facets of problem solving, using statistical techniques.

Mr. N. R. Hegde, Retired Professor – SIES College, Sion held workshops on 'Simulation on EXCEL' for our TYBA & TYBSc students on 8th & 13th February.

In addition to inviting guest resource persons, our own Department members Mr. Saju George & Mr. Mayur More conducted 'Introduction to SPSS', a certificate course for SYBSc in the month of February.

As part of our Honours Programme, we conducted the following courses:

- 'Impact evaluation of Developmental Economics' for TYBA/BSc students.
- 'OR in EXCEL' for SYBA/BSc students.
- 'Market Research Programme' for FYBA/BSc students

Our enthusiastic department members participated in several programmes this year.

- Ms. Myrtle Fernandes delivered a lecture on the Amazing World of Statistics to 11th & 12th std students at St. Mary's College, Shirva, and Karnataka.
 - Ms Pooja Ochaney & Mr. Saju George attended a one day workshop at K.C. College in collaboration with the University of Mumbai regarding the Revised TYBSc/TYBA syllabus.
 - Ms. Ayesha Dias conducted a session on 'Scales of Measurement' for the SYBA students of the Psychology Department of our college.
 - Dr. S. Annapurna held sessions on Statistical Analysis of Data at the UGC sponsored Diploma course on Conservation & Preservation of Culture at the Heras Institute of Indian History & Culture in our college. She also attended a workshop on Innovative Teaching Pedagogy at SIES College.
 - Ms. Ayesha, Dr. Annapurna, Mr. Saju, Ms. Piyali and Mr. Mayur attended a seminar on The Role of University in the Changing World.
 - Prof. George participated at the One-Day National level Seminar on 'Understanding Clinical Trials & Role of Statistics in Clinical Trials' at SIES College, Sion.
- He also attended a two day National level workshop on 'Using SPSS' at K.C. College and a First Aid course at St. John Ambulance Association, Maharashtra State Centre.
- Mr. Saju & Mr. Mayur participated in a One day State level workshop on 'Typesetting in LaTeX & Presentation using Beamer' at K.C. College, Churchgate
 - Ms. Piyali was one of the judges at Data Championship – An intercollegiate science festival organized by KC. College.
 - All the Department members served as External examiners for the University Statistics Practical

exams.

The report of the Department would be incomplete without thanking

- The student editorial team headed by Mr. Valmik Rege (TYBA Eco-Stats) for the work done to release this year's issue of our Department magazine 'The Plot'. The Department appreciates the efforts taken by the team to bring out a creative and informative magazine.
- Ms. Aleya Dutta Choudhury (SYBSc) the Editor in chief of Statisquo, our Department blog, who worked tirelessly with her team to put up interesting and contemporary articles regularly every month.

This year has been an eventful year and I would like to express my gratitude, to all the Department members for taking up their responsibilities in earnest and ensuring that all that was planned, was

executed in the best way possible.

- Prof. Pooja for handling the programmes of DBT STAR in the first term and special thanks to Ms.. Piyali for taking it ahead in the second term.
- Ms. Ayesha for diligently assisting me in all the documentation work of the Department and for being the Staff In Charge of the Stats Society.
- Dr. S. Annapurna who in spite of her responsibilities as VP (Arts) took the initiative of organizing a three month certificate course in ML & AI, in collaboration with aCube-IT for our college students.
- Dr.(s) Annapurna and Piyali for overseeing the work of the student editorial team of 'The Plot' and ensuring the magazine came out on time.

- Mr.. Saju for being the Department Co-ordinator of DQAC and the Staff In Charge of Department finances.
- Ms. Piyali for her meticulous planning as Staff-In-Charge for the Department Honours Programmes
- Ms. Vaidehi for assisting the Department by teaching various courses and conducting Department activities.
- Mr. Mayur for always being available to assist the Department in all its activities.

The year ahead holds many challenges, but with the cooperation and enthusiasm of all the members of my Department, I am confident we will be successful.

Ms. Myrtle C. Fernandes
Head, Department of Statistics

VOCATIONAL STUDIES: TOURISM AND SOFTWARE DEVELOPMENT



Every year we organize field visits, facilitate internships, invite guest lecturers in addition to conducting other co-curricular and extra-curricular activities, and this year was no different thanks to the concerted efforts of both the faculty and students.

B.VOC. (TRAVEL & TOURISM)

• CERTIFICATE COURSES:

The department of B.Voc.(Tourism) conducted two certificate training courses in collaboration with BCD Travels and The School of Excellence, Mumbai:

Destination Planning- Thai Tourism:

A one-day certificate course on Destination Planning – Thailand was

conducted on the 28th July 2018 for the students of TYB.Voc. (Travel and Tourism). It was in collaboration with BCD Travels, School of Excellence and Thailand Tourism Board. It was co-ordinated by Ms. Smeeta Gulvady. The resource person for the course was Mr. Pritesh Prabhu, BCD travels. The session covered different norms of destination planning and management, using Thailand and its tourism as a case study.

Cruise Tourism

A one-day certificate course on Cruise Tourism was conducted on the 18th of January 2019 for the students of SYB.Voc. (Travel and Tourism). It was in collaboration with BCD Travels, School of Excellence. The coordinator

and resource person was Ms. Smeeta Gulvady, BCD travels. It included training in cruise operations, itinerary planning, and awareness about governmental, national & international policies. It also covered the scope in this industry in India and abroad. She also guided the students on various career opportunities in Cruise Tourism and allied services.

CRS-GDS Training in Galileo Software:

In our continuous efforts to equip students with skills, a two-day training workshop followed by assessment on Central Reservation System was organized at the Garware Institute of Career Education and Development, University of Mumbai for the students of TY B.Voc.(Tourism).

• GUEST LECTURES:

- A guest lecture was conducted on, 'International Tourism' by Mr. Uday Purandare, who has been in the industry for past 24 years and also has been a part of Pune University. This lecture was conducted for the students of

SYB.Voc. to give them practical knowledge of the norms, feasibility, regulations in association with international circuits. It was conducted on 9th February 2019.

- B.Voc. (Travel & Tourism) department through our faculty member, Ms. Darshita Shah organized a lecture on, 'Career Prospects in France' and information on their 'Immersion program-10 Day educational tour to Paris' was also shared. It was conducted by Mr. Vikash Golla from the French Embassy in assistance with Ms. Bijal Menon from the Indo French Hub on 11th March 2019.

- **EVENTS:**

- **Heritage Walk:**

The Department of B.Voc. in collaboration with Indo-French hub conducted a heritage walk in the Mazgaon area. Indo-French hub is an organization that arranges heritage walks in Mumbai in a mix of English & French. One of their experts Ms. Bijal Menon conducted a walk on the theme, 'Exploring the unexplored in Mazgaon region'. The students were provided with basic training on conducting heritage walks using a foreign language with a blend of English. The sites explored include a Chinese temple of 1919, Matharpacady, a UNESCO world heritage site and the Old Village of Hasnabad. This was conducted on 2nd December 2018.

- **Event Management and Field Visit:**

The students of TYB.Voc. were divided into two batches and a 2-day activity was conducted on 1st & 2nd September, 2018 and on 7th & 8th September, 2018 as part of the Event Planning and Management Course. The two batches, Jugnu and Muskaan conducted a donation drive for a week before the two-day activity. The activity involved a visit to the Navodaya Movement in Kalyan and a trek in Karnala, Panvel. The students in collaboration with the NGO, and conducted various activities for the children

of ragpickers on the first day. The following day a trek was organized by the students and supervised by the in-charge Mr. Benoj Mathews. The entire activity was organized by students who were supposed to perform roles of different departments required to handle events.

- **Outbound Travel Mart, Goregaon:**

The students were given charge of one of the stalls at the OTM festival which is organized each year where travel agents from across the globe meet and interact. Two students from TYB.Voc., Ms. Deboshree Chatterjee and Ms. Karishma Revankar attended the session from 23rd-25th January, 2019.

- **Khandala Seminar:**

A visit to the new Khandala Villa was organized for the students of TY B.Voc. (Tourism) on 2nd & 3rd February, 2019. The students had sessions on itinerary planning and were allotted a task to present customized itineraries where the faculty members acted as customers. A small trail to Kolegaon was organized by the students. Faculty members involved were Ms. Zeena Cooper, Ms. Balnit Kaur and Ms. Siddhi Bhathgara.

- **Times Travel Show Expo:**

Two students from SYB.Voc. (Tourism) - Ms. Drisya Fernandes and Ms. Yuganti Tandel attended participated in the two-day seminar and were also part of the Safari Plus Stall on 23rd & 24th February, 2019.

- **INTERSHIPS:**

'Like the previous academic year, the internship programme was continued and our third year students interned for 6-8 weeks in the month of March and April. Students were encouraged to search for internships of their interest in the quest of exploring the field better and in a way to enhance future employability. Of the 45 registered students, 44 students successfully completed their internship in companies like Countryside, Trailblazer, Thomas Cook, Seventh Sky, India Tourism and so on. These travel companies seemed keen on taking the

students for a full-time post rather than mere internship. Around 8 students were placed on campus and 15 off campus for full-time posts.

- **STUDENTS' ACHIEVEMENTS:**

Two students of TYB.Voc. Ms. Deboshree Chatterjee and Mr. Calvin Pereira were top finalists in the Travel Quiz, an event combinedly organized by SVPKM's Mithibai College of Art, Chauhan Institute of Science and Amrutben Jivanlal College of Commerce in association with BCD Travel - The School of Excellence at Mithibai College, Mumbai.

- **BVOC (Software Development)**

- **NEW TEACHING METHODS**

- **Prof. Aaron Johns** introduced use of Learning Management Systems (LMS) in the B.Voc. (SD) program, it is called Canvas, and was introduced to B.Voc students on a trial basis. Students were evaluated online. They could hold online conferences with their professor and the system allowed the students to access notes from one unified place. Special 'project sessions were held to make students understand the way of implementing applications in the enterprise. The students were encouraged to use open source tools to build their projects.

- An experimental notes site was created for the students to grasp the concepts with ease. Link: <https://sites.google.com/xaviers.edu/and1notes/units>

- Special VM for Advanced Java and Advanced SQL was built by Mr. Johns. He introduced students to visualizing SQL queries using oracle apex. They had interactive sessions where students could execute live SQL queries through their smart phones in the classroom. Link: https://drive.google.com/uc?export=download&id=0B_kfmij-L7RTUZ2Q0FnNksxWfU

- **INTERSHIPS:**

Of the 33 students around 15 students from SYB.Voc. completed summer internships in software and allied companies like IIFL, Rolling Stone India, Ultra Media and Entertainment Pvt. Ltd and so on. Four students got

placed at Endurance International Group and Accenture through college's placement cell.

• STUDENTS' ACHIEVEMENTS:

- Two students have turned entrepreneurs and have a **Start-up "DwzWal", an IT service provider for small and large enterprises.**
- Two students have found off-campus placement in an IT company, Endurance as a web solutions specialist and another

in Directi (flock TNET) as an application support specialist.

COMBINED ACTIVITIES FOR B.VOC. SOFTWARE DEVELOPMENT AND TRAVEL & TOURISM

- The students of TYB.Voc. Tourism and Software achieved runners up position in the Travel Quiz Organised by the Garware Institute of Mumbai University in their fest Sanskruti 2018 organised as part of World Tourism Day.

- The students of TYB.Voc. SD and TT saw one show of the movie 'Kaala' at Cinemax Thane as a part of their course on Popular Culture. This was conducted by Ms. Uma Ranade in September.
- The students of SYB.Voc. organized a farewell for the students of TYB. Voc. in the month of February.

Jyoti Singh and Siddhi Bhathgara
Co-ordinators,
SD and Tourism B.Voc

ZOOLOGY

No. of students registered in the department-148, FY-75, SY-25+54, TY-32+16

STUDENT ACTIVITIES

- Around 12 students worked with NGO 'Ek Prithvi' for Teaching environmental science at municipal schools in Fort, Mumbai
- 45 students along with WWF and 'Safai Bank' in 2018-19 collected 11,573 units MLP (Multi-Layer Plastic) for recycling.
- 21 students participated in tree plantation drive on 14th July 2018 in collaboration with Botany department and Green umbrella and *Harit Mumbai*.
- Around 57 students collected 3200 tetrapacks and sent them for recycling to Recycle, Reduce & Reuse RUR in 2018-2019.
- Two students worked with WWF India, on projects on Cetacean Conservation in 2018-19.
- Simrin Nahata has been declared as Novice Breaking Speaker at the Christ University Parliamentary Debate 11 from 9th to 11th Feb 2019.

STAFF ACTIVITIES

Dr. Sujata Deshpande attended STEM Teacher Training Workshop on Research-based Pedagogical Tools 17th to 19th January 2019. She is also the Honours Programme Coordinator of the department for year 2018-19. She conducted a workshop on Assembly and Use of Foldscope for the students of

Ruia College on 23rd January 2019 and for the faculty members of St. Xavier's College on 3rd April 2019.

Mr Conrad Cabral attended Biostatistics: A User's Perspective IISER, **Pune** in year 2018-19, **he** also attended a "Workshop on Bio-engineering and Bio Bricks" on 13th - 15th Dec 2018. He participated in GCNI 2nd Sustainable Development Goals (SDGs) Summit 2018 - Leveraging CSR for SDGs organized by United Nations Global Compact (UNGC). He had conducted a laboratory session on LD50 studies for Biochemistry students of KJ Somaiya College.

Dr. Madhuri Hambarde was the coordinator for additional credit course on "Science communication skills" and also Faculty in-charge of Xavier's Zoology Association.

She had been on the scientific board for the international conference on "Health to well being, an interdisciplinary Approach from Fundamental sciences to translational medicine." held on January 9th to 11th, 2019. She also aided **Dry waste disposal and recycling of paper** by the college with the help of Sampoon (E)arth Env. Sol. Pvt.Ltd in year 2018-2019 and acquired 34000 greenpoints.

Dr. Pushpa Sinkar was in the organizing committee for the workshop- "Navigating the Social Media in an appropriate manner" organized by women Development cell along with National Women Commission on 26th Feb 2019

Dr. Smita Krishnan, Dr. Pushpa

Sinkar, Dr. Sujata Deshpande, Mr. Conrad Cabral and Dr. Madhuri Hambarde were part of the organizing committee and also participated in the National Seminar on "Climate, Rivers and Vegetation" organized on 14th February 2019

Dr. Smita Krishnan, Dr. Pushpa Sinkar, Dr. Sujata Deshpande, Mr. Conrad Cabral and Dr. Madhuri Hambarde attended a seminar on "Inculcating a culture of pedagogic research informed teaching practice" organized by IQAC St. Xavier's college on 20th Feb 2019

Dr. Smita Krishnan, Dr. Pushpa, Dr. Sujata Deshpande, Mr. Conrad Cabral and Dr. Madhuri Hambarde attended the 'Fostering Entrepreneurship' - As a stepping stone on 3rd February, 2019 organized by the E-cell of St. Xavier's College. Dr. Madhuri was also a part of the organizing committee.

DEPARTMENT PUBLICATIONS

'Magic of Transforming a Fox Into a Dog!' **Deshpande S** 'Resonance: Journal of Science Education' 2018 ISSN : 0971-8044 volume 23 issue 8

COLLEGE COMMITTEES

Dr. Smita Krishnan was the Convenor of unfair means committee and custodian committee. **Mr. Conrad Cabral** was on the ERP committee. **Dr. Pushpa Sinkar** was the Convenor of TAQ, and she was also a member of End semester exam committee and women's Development Cell. **Dr. Madhuri Hambarde** was a member of IQAC and Lab safety committee. She was also a member of Institutional Biosafety

committee. She is also an elected staff representative on Management board and college development cell of St Xavier's college. **Dr. Sujata Deshpande** was the Convenor of End Semester Examination committee and a member of labsafety committee.

DEPARTMENT ORGANIZED TRIPS

1. The SYBSc students of Zoology department, St. Xavier's College Mumbai (Autonomous) visited Sassoon Dock on 12th January 2019, as a part of their syllabus, to study and observe the fishes and other equipment associated with the study of fishes
2. SY and TYB.Sc Students visited the Bee keeping unit - Mahabaleshwar, Wai, (Panchghani), Mancher (Gowardhan Cheese Unit) and Mapro industry.
3. SY and TYBSc students were taken for a Zoological trip to Jaldapara N.P, Gorumara and Chilapata Forest Reserves from 1st to 7th November, 2017

GUEST LECTURES

- Dr. Ghaskadbi S from Garware institute, Pune gave a lecture on "Hydra biology and research" along with demonstration of the technique on 7th February 2019 for SY.
- Dr. Merwyn Fernandes, Co-

ordinator Programmes on TRAFFIC (14/08/2018) Illegal trade Endangered Species

- Dr. Ryan D'souza, Research Asst. Professor at University of Virginia, USA, gave a lecture on 27/11/2018, about the Role of Endoplasmic Reticulum - Plasma membrane contact sites in cell migration and metastasis.
- Eusebio pires, an intern of Analytics UVA hospital University of Virginia, USA, on 27/11/2018 talked about Oocyte SAS1B: The bench through clinic pathway
- Mr. Prasad Boradkar, Product Designer at Google, gave a lecture on ATAP on biomimicry and sustainable design on 08/01/2018
- Dr. Hans Athaide, Marketing Head, Asia Pacific BASF. Delivered a lecture on Growing resistance to pesticide among pests and how we can tackle the problem. It was on 09/02/2019. Ms. Dharmita Mandrekar, Manager - Education Welfare of Stray Dogs NGO on 18/01/2019, talked about Care and Concern of stray animals in the city of Mumbai
- Lt.Col. V.Sreekumar, Lt. Col Indian Army, gave some Career advice on joining the Indian Armed Forces
- Ms. Cara Tejpal, Conservationist

Sanctuary Asia, on 16/01/2019, talked about Mud on Boots: India's grassroot conservation

- Dr. Reena Dev, veterinary doctor, on 23/08/2018, spoke about First Aid- Urban wildlife

HONOURS PROGRAMME

Department of Zoology conducted the following activities for the "Honours Programme" in the academic year 2018 - 19:

8 students qualified to receive the Honours Program Certificate at the 2018-19 Convocation.

The following courses were offered by the department:

1. Evolution: The Cornerstone of Science (1 credit course). Offered by Mr. Conrad Cabral. Twenty five students registered for the course.
2. Wildlife Forensic Science (1 credit course) conducted by Trained forensic consultants. 29 students registered for the course.
3. Basic Skills In Wildlife Filmmaking (2 credits course) Offered by Harshit Singh (MA in Wildlife Documentary Production, UK; former student of the Department of Zoology). 15 students registered for the course.

Dr. Smita Krishnan
Head, Department of Zoology

Each age, each man, is expected to fulfil his mission in the span of history allotted to him: at least, he should honestly try to do so with fairness with respect to the past, in a wide communion with the present and in trust of the future. Snobbishness, pessimism, cynicism and any other form of sophistication are so many traits of decadence.

*THE DESCRIPTION OF THE CHAPEL: THE STRUCTURE - Style and Taste
- Fr. Gonzalo Palacios de Borao S.J, Principal 1933 - 1940*

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BLATTER HERBARIUM

The Blatter Herbarium of St. Xavier's College, Mumbai is one of the well known herbariums in the world. It houses around 2,00,000 herbarium specimens of Angiosperms, a significant collection from the Western Ghats, a hotspot of the biodiversity.

In February 2019, the Herbarium staff participated in the 'National Society of Friends of Trees – Annual Flower and Vegetable' show, organized at Ruparel College. The stall had ancient literature such as *Hortus Malabaricus* (1690-1703), double coconut and 4-5 feet long *Entada* Pod. Around 10,000 visitors visited stall in this two day exhibition. Similar exhibits and various publications of the Herbarium were displayed on a one-day 'National Seminar of the Botany Department' in our college on 14th February 2019.

The Herbarium also undertook a collaborative project of identification of trees in collaboration with CERE (Centre for Environmental Research and Education). The project involved identifying different tree species across the country at specific sites where tree plantation is done by Corporate Houses. A number of MSc students and Herbarium Project assistants participated in this project.

Throughout the academic year, there has been a large number of consultations by scientists, teachers, and students. This year 34 international scientists and 88 Indian researchers visited the library and herbarium for their reference work. The Herbarium not only serves scientists but also caters to our own UG and PG students. In all, 384 students used the facilities of the library and herbarium for their research as well as identification. Departmental Social

Involvement Program has not only benefited the herbarium but students as well. About 58 students completed their SIP by helping the Herbarium staff in stitching the Herbarium sheets and cataloguing the old research reprints. With the help of the MSc students, our field collector has remounted and stitched around 1500 specimens. Sterilization and repair of damaged sheets are also routinely performed.

Under the update of Fern collections, 1144 ferns specimens were entered in the register. Though we do not have any space to add any new collections, 223 new and important specimens were added to enhance the teaching and learning process the Herbarium encourages.

The major work of digitization of the specimen is being continued. Under this project, a total of 1569 general herbarium specimens were digitized. Last year we had undertaken the scanning of protologue of type specimens and during this academic year, 385 protologues were scanned and saved while cross-checking of data of 536 type specimens was done. Under the computerization of this data, 18,686 specimens were entered in Excel format. Several schools and colleges arranged a school trip to the Herbarium for the students to study plant preservation techniques. During the year 2018-19, the college welcomed 11 colleges from Mumbai including 277 students from 12 schools who visited the Herbarium too.

Research Publications:

- Sachin D. Kuvar & R.D. Shinde 2019. Ethnobotanical Studies on Kokni Tribe of Maharashtra.

Journal of Global Biosciences 8(3), 2019: pp 6034-6042. ISSN 2320-1355.

- Sachin D. Kuvar & R.D. Shinde 2019. Plants used by Kokni Tribe as Antidote for snake bite and scorpion sting from Nasik and Dhule Districts of Maharashtra. Journal of Global Biosciences 8(3), 2019: pp 6043-6050. ISSN 2320-1355.
- Sachin D. Kuvar & R.D. Shinde 2019. A new distributional record *Solanum erianthum* D. Don from family Solanaceae to the flora of Nasik District (Maharashtra) India. Annals of Plant Sciences 8.6, 2019: 3563-3566. ISSN: 2287-688X.
- Sachin D. Kuvar & R.D. Shinde, 2019. Wild Edible Plants Used by Kokni Tribe of Nasik District, Maharashtra. Journal of Global Biosciences 8(2), 2019: pp 5936-5945. ISSN 2320-1355.
- Rajendra Shinde, Rajdeo Singh & Ranee Prakash 2018. Typification of a Linnaean plant: *Pterospermum acerifolium* (Malvaceae), based on Johan Amman's illustration. TAXON 67 (4) • August 2018: 789–791. DOI: <https://doi.org/10.12705/674.9>; ISSN -0040 0262 (Print); ISSN -1996 8175 (Online)

Dr Rajendra Shinde
Director, Blatter Herbarium

"Whosoever has no faith in the future of India, no trust in the youth of this ancient, wistful, inexhaustible land, should for conscience sake withdraw from education and leave the field free for others.

But we who have a boundless confidence in our students, believe in them, love them, how can we help giving them the best!

Why not offer them during the momentous years of their education, buildings noble and inspiring, shrines of learning like those which shelter the studious youth of every great country, as an everlasting symbol of our revering, heartfelt esteem and respect."

*Architect of the first quadrangle – Fr. Gonzalo Palacios de Borao S.J,
Principal 1933 – 1940*

CAIUS RESEARCH LABORATORY

Industry- Academia Collaboration – Industry Projects carried out in the Caius Research Laboratory

A MOU was signed with the Biolaxi Corporation Pvt Ltd., for the project 'Strain improvement for penicillin G amidase production'. The project was initiated on October 1st 2018 for a duration of three months, the total

cost for the project being Rs. 88,500/. Mr. Sylvester Parkhey was appointed as the project assistant to work for the project. Dr. Priya Sundarrajan was the principal investigator and Dr. Vishwas Sarangdhar was the consultant.

Faculty/ Students working in Caius Research Laboratory and ongoing projects

Name	Department	PhD/ Project	Title of Project	Funding
Ms. Sangeetha Chavan	Associate Professor, Department of Microbiology	PhD	Effects of silver, zinc oxide and titania nanoparticles on nitrogen fixing, phosphate solubilizing and biofilm forming bacteria found in soil ecosystem	-
Dr. Priya Sundarrajan	Associate Professor, Department of Life Science and Biochemistry	UGC Minor Grant Project	Isolation and screening for novel ethanol producers from various sources and their characterization	UGC – Minor Grant Amount sanctioned: Rs.4,80,000/- Grant Released of 3,00,000/- 2017 - 2019
Ms. Sangeeta Shetty	Assistant Professor, Department of Life Science and Biochemistry	PhD – Thesis Submitted	Isolation of novel cellulases from extremophiles and other sources	-
Ms. Neha Gupte	PhD Student, Department of Botany. Guide: Dr. Rajendra Shinde, Associate Professor, Department of Botany	PhD	Phylogenetic analysis of Boraginaceae of Noth – West Maharashtra	-
Mr. Sylvester Parkhey	Caius Research Laboratory PI: Dr. Vishwas Sarangdhar and Dr. Priya Sundarrajan	Project Assistant	Strain improvement for production of penicillin acylase	Industry Project – Biolaxi Corporation PVT Ltd. 2018-19 Rs. 88,500/-
Ms. Joanna DCosta	Nirmala Niketan College of Home Science. Guide: Dr. Priya Sundarrajan, Co-Guide Dr. Geeta Ibrahim, Principal, Nirmala Niketan College of Home Science	MSc Project	Screening and isolation of Asparaginase producers from various sources and their application in food processing industry	-
Ms. Rasika Kambli	Nirmala Niketan College of Home Science. Guide: Dr. Priya Sundarrajan, Co-Guide – Dr. Geeta Ibrahim, Principal, Nirmala Niketan College of Home Science	MSc Project	Characterization of protease from various sources and their application in food industry.	-

PhD Thesis Submission:

Ms. Sangeeta Shetty, Associate Professor, Department of Life Science and Biochemistry, submitted her thesis titled '**Characterization of Cellulases from Extremophiles and their Application in Biofuel Production**' on 24th March, 2019 to the University.

Grants Received:

Ms. Sangeeta Shetty was sanctioned the Mumbai University Research Grant of Rs. 40,000/- for the year 2018-19 for her project titled 'Cloning of protease gene from *Paenibacillus* 50-01'.

Extension Activity:

1. A tour of the Central Instrumentation Facility and introduction to Biosafety was carried out for the MSc part I and II students of Botany, Biotechnology, Life Science and Microbiology. The use and the safety measures to be followed during the use of the various instruments in the CIF was explained and an introduction to biosafety was carried out. This activity would help the students for their project work and in fact it helped many students to choose their project topic and plan their experiments.
2. As a part of the professional development activity, a workshop on insights into scientific research was carried out on November 2nd 2018 for 26 BMC school teachers associated with the NGO Mukangan. An insight into scientific research, use of different equipments, microscopy and basic microbiology techniques were demonstrated to the school teachers. The teachers were appreciative of the workshop. Dr. Priya Sundarajan, Prof. Sangeetha Chavan and Prof. Sangeeta Shetty were the resource persons.
3. Tour of the CIF was organized for MSc Part I food and nutrition students of Nirmala Niketan college on 1st February 2019. The students were briefed on various research techniques and explained the various instruments in the CIF.
4. A group of six students from Stokes

Memorial School, Shimla, visited the laboratory accompanied by their teacher Mr. Kunal Condillac on 6th February, 2019. An insight into scientific research, use of different equipment, microscopy and basic microbiology techniques were demonstrated to the school students.

Internships and Project training for students:

Intern students in the laboratory:

1. Ms. Urja Parekh: BSc Semester IV student of the five-year Biomedical Sciences student of NMIMS carried out her internship from 20th April to 30th June 2018. Her work included 'Development of antibiotic sensitive strains of yeast by UV mutagenesis and Design of shuttle vector with heme-binding domain'. Her work was carried out under the guidance of Dr. Vishwas Sarangdhar and Dr. Priya Sundarajan.
2. Ms. Shreeya Tavkari: BSc Microbiology- Biochemistry, a student of St. Xavier's College, carried out her internship between 1st July to 13th August 2018. Her work involved 'Strain improvement and screening of Lipase producing strains by UV mutagenesis'.
3. Ms. Dharana Satsangi: MSc Student from School of Regenerative Medicine, Manipal Academy of Higher Education, Bangalore, carried out her internship between 6th August to 19th October 2018. Her work involved screening of anticancer property of plant extracts on HEK and A549 cell lines.
4. Ms. Priya Khetan: BSc Microbiology-Biochemistry student from St. Xavier's College, carried out her internship from 1st November 2018 to 30th April 2019. Her work involved 'Development of antibiotic sensitive strains of yeast by UV mutagenesis and transformation of yeast'.

Multidisciplinary approach:

The instruments in the CIF are being used not only by all biology departments but also by students and

faculty of Physics, Chemistry and Geology. The lab and the instruments being used for UG and PG practical, research projects, honours program, industry projects and doctoral studies by faculty and students from the various science departments namely, Botany, Biotechnology, Chemistry, Life Science and Biochemistry, Microbiology, and Zoology.

Honours Program:

An Honours Program of two credits was conducted by the laboratory on 'Analytical Techniques in Research' between 29th October to 3rd November 2018. Three students from FYBSc Life science and Microbiology participated in the program. Dr. Vishwas Sarangdhar and Dr. Priya Sundarajan were the resource persons.

Summer Workshop for students:

A summer workshop on 'Protein crystallization and Gene Cloning Techniques' was conducted between 4th April - 10th April, 2019. One SYBSc and eight TYBSc students of St. Xavier's College participated in the workshop. The students were given hands-on training in molecular biology techniques and the workshop was well appreciated by them.

Training of trainers workshop:

A training of trainers workshop was organized for the faculty of VES college of Pharmacy on 'Cell culture techniques' between 19th to 21st July, 2018. Five faculty members from the college participated in the hands-on workshop.

Conference Organized:

A one-day national conference was organized on 14th July, 2018 in collaboration with **Indian Women Scientists' Association**, supported by DAE-BRNS on '**Advances in Biomedicine**'. The event brought together research scientists, students and faculty from various colleges of Mumbai on one platform to share insights on the subject and benefit from it. The Keynote speaker was Dr. Rajashree Katak, Cama Alless Hospital. The invited speakers were Dr. Devashish Rath (MBD, BARC, Mumbai, CRISPR-CAS Gene Editing:

Biomedical Applications), Dr. Prathibha Shetty (Clinical Application of Stem Cell Therapy), Dr. Anuj Tripathi (NABTD, BARC, Mumbai, Porous Biomaterials for Biomedical and Bioengineering Applications) and Dr. Anita Nadkarni (KEM Hospital, Genetics of Hematological Disorders and its Treatment). About 140 students and faculty attended the conference.

Popular Lectures:

The following popular lectures were organized for the students and faculty of colleges in Mumbai:

1. Introduction to Data Analytics, by Dr. Rahul Nabar – Engineering Consultant and adjunct faculty, IIT Bombay, was organized on 27th August, 2018. Twenty students and faculty, both in house and from neighboring colleges attended the lecture.
2. St. Xavier's College was a platform for the launch of the startup company 'Just Medical Advice', founded by Dr. Sameer Jadhwar on 28th August, 2018. Dr. Fr. Francis D'mello, Wellness Centre launched the website of the company and made it open to public. About 34 students and faculty both in house and from neighboring colleges attended the program.
3. A public lecture was organized on 11th February 2019, in **Collaboration with Indian Women Scientists' Association supported** by DAE -BRNS. **Dr. Nafisa Balasinor** from NIRRH gave a talk titled "Gene Imprinting". 60 students (FY, SY, TY, MSc) and faculty from various science departments of our college as well as from K. M. Kundnani College of Pharmacy attended the talk.

Presentation at Conferences:

1. Ms. Dharana Satsangi, intern student of the laboratory, delivered an oral presentation at the International Science Conference- 'From Health to well being: An interdisciplinary approach from fundamental science to transnational medicine', organized by St. Xavier's College (Autonomous) and Creighton

University, USA between 9th - 11th January 2019. The title of her presentation was 'Effect of various plant extracts on primary animal cell cultures and established cell lines' (Abstract book of conference page 36).

2. Ms Kareena Gala, Ms Pooja Mehta and Kritika Choudhry (FYBSc) won the 3rd prize at the Awareness and Action research for Youth Awakening (AARYA) Intercollegiate Interdisciplinary Undergraduate Research Competition organized by College of Home Science, Nirmala Niketan, Mumbai, from 26 - 27th Feb. 2019. They presented the work carried out as part of their Honours project in Caius Research Laboratory titled 'Effect of Metal Ions on the Activity of Urease Extracted from Different Plant Sources'. Dr. Vishwas Sarangdhar and Dr. Priya Sundarrajan were their guides.
3. Dr. Priya Sundarrajan gave an oral presentation of the paper titled 'Synthesis and Characterization of Silver Nanoparticles Using Various Plant Extracts and Their Various Environmental Applications' at 'The 5th International Mediterranean Symposium on Medicinal and Aromatic Plants & The 5th International Symposium on Pharmaceutical and Biomedical Sciences Joint Meeting' held in Cappadocia, Turkey, from April 24th to 28th, 2019. She was also the Chairperson for a session held on 26th April, at the conference.

Papers Published:

1. Shetty S, Sarangdhar V, Kamat S (2019). Study of a cellulase producer, *Paenibacillus* 50-01. *Environment and Ecology* **37(1)**: 71–79.
2. Shetty S, Sarangdhar V, Kamat S (2019). A search for cellulose degraders in the Indian soils. *Environment and Ecology* **37(1)**: 62–70.
3. Sangeeta Chavan, Vigneshwaran Nandanatham. Effect of Nanoparticles on Plant Growth-Promoting bacteria in Indian agricultural soil. *Agronomy*,

2019, 9, 140. doi:10.3390/agronomy9030140

The Institutional Biosafety Committee:

As per Govt. of India regulations, organizations handling genetically modified organisms (GMOs) and recombinant DNA materials for research or production should constitute an IBSC with the DBT approval. In the regulatory framework, IBSC is one of the statutory bodies which operates directly from the premises of the institution and is responsible for proper implementation of biosafety rules, regulations and guidelines. The college IBSC, constituted in 2003, approved by DBT, Govt. of India, convenes regular meetings to monitor the GMO and recombinant DNA activities of the various on-going research projects. Two meetings of the committee were held on 15th November 2018 and 25th March, 2019 respectively. The minutes of the meetings and form C1 were forwarded to RCGM, DBT, New Delhi.

Central Instrumentation Facility

The fully air – conditioned state of the art, Central Instrumentation Facility of the laboratory currently houses equipment that the college had obtained through the DST – FIST grant of the Govt. Of India, and two instruments obtained from the UGC grant. The Equipments include the Gel Documentation system, two UV-Visible spectrophotometers, Thermal cycler, CO₂ incubator, Ultrasonicator, Lyophilizer, BOD incubator, Electroporator, Gas chromatography, HPTLC applicator, two-dimensional gel electrophoresis system, Laminar air flow, Biosafety cabinet Class AII, Orion pH meter, Eppendorf cold centrifuge and microcentrifuge, Olympus bright field, pulse field and polarising microscope and -80° Deep freezer. An ELISA reader and a fluorescent attachment obtained through the Lady Tata workshop grant is also housed in the CIF. A fully functional Animal Tissue Culture facility is available, where research using animal cell lines by faculty and students is being carried out.

Dr. Priya Sundarrajan,
Director,

Caius Research Laboratory and CIF

DEPARTMENT OF INTER-RELIGIOUS STUDIES (DIRS)

1. DIRS-AICUF Bonding Session (4-6 June)

A joint bonding session for the DIRS and the AICUF committees was held at the Auxilium Youth Centre at Dahanu from the 4th to the 6th of June 2018 to foster collaboration and smooth functioning throughout the year. On 5th of June, the World Environment Day, started off with a nature's trail around the youth centre, where we were taught the significance of becoming one with Mother Earth. The DIRS committee sung "To Be is to Inter-Be", composed by Jahnavi which signified our shift from competitive individualism to collaborative interconnectedness.

2. Interfaith Service (18 June)

An Interfaith service was held on the 18th of June, 2018 for the students and staff of the Senior College. The theme based on the college vision: Innovation-Integration- Inclusion, was presented by Fr. Keith D'Souza, the Rector. The DIRS ensured that the prayers reflected the Jesuit ethos of justice and harmony: human and ecological. A similar service was held for the Junior college too.

3. Joy of Self-Discovery (25 to 30 June)

In the 'Joy of Self-Discovery' Honours course held from 25 to 30 June 2018, Fr. Prashant led through exercises, meditations and reflections. The visit to Behrampada slums was a life transforming experience because it highlighted the stark reality of the poor and the underlying structural injustice.

4. Voting 101: Event One - The Doorway to Electoral Awareness

DIRS organized several sessions under its Voting 101 initiative to underscore the importance of voting and to make students aware of the current political scenario

The first session conducted on

7th July included discussions on topics ranging from citizenship, democracy identity, elections, constitution and scams. Ms. Bhakti Ghatge, the Campus Ambassador of Association of Democratic Reform (ADR) and Dr. Ajit Ranade, Mr. Shailendra Gandhi, and Ms. Rajni Bakshi were the panelists.

On 12th September, a film screening of the critically acclaimed film, 'Newton' was arranged by Team ADR in collaboration with the DIRS. This was followed by a pivotal discussion conducted by Shamim Modi, an activist in the tribal areas of Madhya Pradesh.

The ADR in collaboration with the DIRS organised an interview on 4th January, 2019 with an alumnus, Fr. Cedric Prakash SJ, a renowned human rights activist. Thought provoking questions were raised by the facilitator Dr. Agnelo Menezes. Under the same initiative, students visited the State Election Commission, Maharashtra on 18th January, 2019 to better understand the workings of the SEC machinery. The DIRS also conducted a *baithak* for creative presentations on 25th January, 2019 wherein an attempt was made to convey the message through skits. Another session on vote bank politics was led by Adv. Irfan Engineer on 14th February. He discussed about the elections and spoke about the arithmetic of vote bank politics. A visit to Mahul, which has been deemed unfit for human habitation, was made on 1st March, 2019 to understand how people live. The students also visited the site of the dharna to understand more about the situation.

5. Kandhamal Riots (24 July)

In today's divisive world, communal harmony has, unfortunately, become a myth. It is important to create awareness about such issues. The DIRS in collaboration with the AICUF held a documentary screening titled 'Kandhamal Unresolved' on the 24th July 2018

that gave a deeper perspective into the depths of the tragic Kandhamal riots of 2008. Thereafter, the students were privileged to engage in a dialogue with the filmmaker himself, Shailendra Boora SJ, from XIC.

6. Suicide Prevention Day (10 Sept.)

For the first time International Suicide Prevention Day was celebrated by the DIRS in the college. Jahnavi Pandya, a former Xavierite, enlightened us on issues regarding suicide, related statistics, preventive steps, the 24/7 helpline etc. She was ably assisted by Fr Prashant who led the meditation exercise. Action songs, serene music, breathing exercises, meditative movement helped to provide a wholesome healing experience.

7. Cosmic Hug (13-17 Sept.)

The Cosmic Hug Honours Course was held from 13 to 17 Sept. at Dahanu. On the first day, the group visited a village inhabited by Warli tribals who had been displaced due to a dam and were not given an alternative place to stay. The next days were peppered with creative sessions facilitated by Fr. Prashant Integral experiential learning is learning in its entirety - external and visceral, through meditation, play, dance, music, mindfulness, communication, connection, reflection, analysis and of course, comedy. Cosmic Hug helped us tune into our cosmic rhythm.

9. World Peace Day (21 Sept.)

The DIRS in collaboration with the AICUF, Samanvaya, SSL and XIC organized the World Peace Day programme on 21 Sept. After a prayer dance by Dr. Radha Kumar and her assistant, there was a panel discussion on 'My Stand for Peace.' The panel consisted of Dr. Irfan Engineer and Dr. Sanjeevani Jain who are a part of the Core Team of Samanvaya. Fr. Keith D'Souza, the Rector, was the chairperson. After the panel discussion, everyone participated in an

action song “Who will Speak if we don’t?” and then joined the Peace March around the college which concluded in the first quadrangle with the rousing song: Hum Honge Kamyab.

10. Understanding Islam (17-26 Nov)

The Honours Course ‘Understanding Islam’ shed light on the progressive aspects of Islam. Mr. Irfan Engineer challenged the preconceived notions and helped the students to make sense of Islam. The highlight of the course was the visit to a mosque. The peace and serenity, which one finds in the presence of something holy engulfed the mosque. Mr. Engineer answered various doubts which included questions related to terrorism and Islamophobia. He recited verses from the Holy Quran and discussed the concept of universal love and brotherhood that Islam focuses upon. He retold anecdotes from Prophet Muhammad’s life and talked about the importance of forgiveness and the ultimate desire for peace which every religion aspires for. He also spoke about how Sufism focuses on respecting all creatures, which is quite different to the views many political leaders hold about Islam..

11. Traditional Day: Feast of St. Francis Xavier (3 December 2018)

The Traditional Day programme jointly organized by AICUF and DIRS on the occasion of the Feast of St. Francis Xavier started with the AICUF presenting a skit on Malala provoking us to speak up. This was followed by a Peace March with the participants wearing masks signifying our silence that breeds a culture of violence. In his lecture, Fr. Savio shared some insights on Francis Xavier. At the end of the Mass, there was an explanation of the Cosmic Crib followed by Prayers for Creation from diverse religious traditions. This was a fitting culmination to the programme whose theme was Integral Ecology: Dare the Improbable.

12. Cosmic Crib (3 Dec. 2018 - 6 Jan 2019)

Continuing with the tradition of the past 3 years, the DIRS prepared a Cosmic Crib in the Reception area. The backdrop for the traditional crib was the reality of climate change and pressing issues like development, that have a major impact on the poor and our environment. It is a call to give birth to Christ by responding to the cry of Mother Earth and the poor. One striking poster indicated a huge paradigm shift: “Kindness gives to another, for Compassion there is no Other”

13. Christmas Mass in Byculla Jail (25 Dec)

Fr. Prashant and a couple of our students facilitated a unique Interfaith mass for the female inmates of the Byculla jail. The session began with Fr. Prashant hearing confessions and Jahnvi Pandya, a distinguished alumna, helping the women celebrate. She also led a meditation after the gospel reading on “Make Me a Channel of your Peace” of Francis of Assisi. Afreen Khan conducted the Intercessory prayers. The novices of the Daughters of the Cross led the Christmas carols. Christmas sweets were distributed to the kids after the Mass. .

14. CREATIVE MEDITATION

- i. **Art of Peace** weekly sessions were held usually for about 15 minutes on Thursdays at 10.30 for Arts students and 11.50 am for Science students. These lively prayerful sessions are slowly growing in popularity as they provide a meditative space for peace in a highly stressful environment.
- ii. **Playog** is usually held once a month for an hour. The participants relish the opportunity to relax through this embodied form of meditation and enjoy the gift of peace related to all of creation.
- iii. Universal Meditation sessions were held for the Berkeley Exchange students on 7 and 21 Jan. 2019.

- iv. Fr. Prashant and Jahnvi facilitated a meditation session for the B. Voc. students

15. COLLABORATIVE VENTURES (beyond College)

- i. The DIRS Committee actively participated in the regular **Samanvaya** meetings and activities.
- A few members went for the JESA-Samanvaya workshop on Communal Harmony in MPSM, Nashik from 6-8 July.
- ii. Some members participated actively in the Peace March held near Gandhi Bhavan on 2 Oct. as part of the **‘Baatein Aman ki’**. This was a massive pan India campaign held between September 22- October 13, 2018 by women’s groups across India aimed at galvanizing women and men to propagate peace, nonviolence, harmony, love and safeguarding of constitutional values.

The DIRS also played a collaborative role in organizing the following:

- i. Talk on ‘Indo-Afghan affairs’ by Dr. Shah Mehmoud Hanifi on 18 January at CSSS office, Santa Cruz
- ii. Talk on ‘Literature in Afghanistan’ by Shah MH on 22 January in SCAVI for TYBA
- iii. Talk on ‘Afghanistan and Environmental Issues’ by Shah MH on 22 January for FYBA SPC students in the college hall
- iv. Talk on “Gandhi” by Shabnam Hashmi for FYBA in SCAVI
- v. Talk on “Gandhi” by Dr. Awanish Kumar for Stuttgart students and others in XIMR

16. International Programmes

- i. Fr. Prashant and Jahnvi Pandya presented the inaugural and concluding meditation at the International Big History Conference on “Big History, Big Future:

A Cosmic Perspective” at Villanova University in Pennsylvania, USA from 26-29 July 2018. They also facilitated a couple of creative workshops that were highly appreciated.

- ii. Fr. Prashant delivered several lectures at venues like Gandhi Peace Centre and elsewhere,

James Madison University, Virginia, USA from 24 to 26 October 2018

- iii. Fr. Prashant facilitated Universal Meditation sessions at the Parliament of World Religions in Toronto and Minnesota, USA from 2-10 November 2018.

- iv. Fr. Prashant facilitated daily meditation sessions and also made a presentation at the International Sustainability Conference at Fireflies Ashram, Bangalore from 7-10 February 2019.

Fr. Prashant Olalekar
Head, DIRS

HERAS



Heras-Conservation course - Treatment of Microorganisms by Dr. Priya Sundarrajan

The 55th series of the Heras Memorial Lectures were presented by the eminent art historian, Dr. Harsha Dehejia, on Wednesday, 9th January 2019. Dr. Dehejia, an alumnus of the University of Carlton, Canada shared some insightful perceptions on the theme “*Krishna Swayam Kavyam*” which stimulated and captivated her audience. Additionally, to reinforce the powerful message, Dr. Prachi Desai interpreted the theme in Odishi dance form. The UGC sponsored course, “Conserving the Heritage of India” launched in 2018-19, continued with the active participation of students. Besides the theory sessions, the practicals were most enriching. The Department of Chemistry and Life Science carried the project forward by initiating the cleaning of the artifacts at the Heras Institute and even conserved

a painting. Owing to the popularity of the course, there has been a demand for its continuation.

BOMBAY LOCAL HISTORY SOCIETY

To commemorate the sesquicentenary of St. Xavier’s College (Autonomous), Mumbai, the Annual Seminar focused on the theme “My Reminiscences of St. Xavier’s and its Role in the city of Bombay”. It was held on Saturday, 7th July 2018 at 2.00 pm. in the MMR, St. Xavier’s College. The following alumni of St. Xavier’s - Honourable Justice Gautam Patel, Fr. Learoy Rodrigues SJ, (Trainer Jesuit Institute Vinalaya, Andheri) Mr. Shankar Jadhav (Bombay Stock Exchange) and Ms. Tinaz Nooshian (Editor, Middy). The edifying and rejuvenating reminiscences were much appreciated

by the students present.

On the 15th March 2019, Architect Vikas Dilawari conducted a walk around the restored Flora Fountain. Explaining the detailed plans and the nuances of conserving this landmark was the crux of Vikas Dilawari’s presentation. The group was enthralled by his expertise. Later, Solicitor Rajan Jayakar’s enlightened a 100 strong audience at the St. Thomas Cathedral on the “Tombs and Plaques of Legal Luminaries” on Saturday, 30th March 2019 at 3.00 pm. The participation of such a large audience indicates the desire to learn more about the metropolis we live in.

STAFF ACTIVITIES

Dr. Joan Dias, Director, participated at the 63rd Session of the Indian Historical Records Commission, Seminar “Conserving Archives”. It was held at the University of Telangana, from 9th to 11th July 2018.

Ms. Shilpa Chheda, a Curator, was invited by the Department of History, B. K. Birla College of Arts, Science and Commerce, Kalyan, to speak on the topic, “Routes towards History”, on 20th March 2019. Further, the Department of History, Jai Hind College (Autonomous), Mumbai, invited her to conduct a session on “Spirituality in Jainism and its Reflection in Art” and “Conservation and Preservation of Material Culture”, as part of the Certificate Course in “The Indian Cultural Heritage”, on the 21st and 22nd February 2019.

Dr. Joan Dias
Director, Heras Institute

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ALL INDIA CATHOLIC UNIVERSITY FEDERATION (AICUF)

The AICUF Committee with the Trinity and Steering Committee was formed on 29th March 2018. **Trinity** - President: Verena Vaz, Secretary: Merlin Johns, Treasurer: Nidhi Varta. **Steering Committee** Commission Coordinators - Human Rights: Racheal Dmonte, Women: Craigston Fernandes, Prayer: Samantha Vaz, Cultural: Alex Berrhto, Publicity: Srishti Vishwakarma, Creatives: Anna Jacob, Editor: Glynel Tellis

AICUF-DIRS Bonding Session

Once the AICUF Steering committee was formed, a bonding session was held at the Auxilium Youth Centre at Dahanu from the 4th - 6th of June, 2018 between the DIRS and the AICUF committees to foster collaboration and smooth functioning through the year.

On the first day after ice breakers and introductory sessions, we enjoyed the best of nature at the Dahanu beach. On the next day, the 5th of June, being World Environment Day, we embarked on a nature trail around the youth centre. We had several creative sessions and meditations to improve leadership qualities and the team spirit of the committee members. The highlight was the presentation of skits by the AICUF and DIRS committees on their vision and plans for the year. This camp was a great learning experience for the new committee members and necessary to sharpen their leadership skills and abilities to collaborate effectively.

Interfaith Service

An Interfaith service was held on the 18th of June 2018 for the students and staff of the Senior College. The college theme as well as that of the service was Innovation- Integration- Inclusion. The AICUF and DIRS were in charge of the choir and other arrangements for this service. There were similar interfaith services held for the Junior College.

Lohagad Trek

The trek to Lohagad Fort, organized on 22nd July 2018, not only built up unity amongst the AICUFers but also helped them understand the true essence of nature and the environment that we live in. A respite from the concrete

jungle that we live in, this trek taught the members about the indescribable importance of our natural environment.

Kandhamal Riots

An eye-opener, 'Kandhamal Unresolved' provided us with a deeper perspective into the tragic riots that struck Odisha and destroyed the lives of innocent Christian tribals. Organized on 24th July 2018 the documentary was a part of creating mindfulness about social awareness and social justice which are an integral part of the vision of the AICUF and the DIRS. We were privileged to engage with the filmmaker himself, Fr. Shailendra Boora SJ, from our very own XIC.

College Day: Feast of St. Ignatius

The theme of the College Day Mass on 31st July 2018 was 'Called to Serve'. The AICUF was in charge of the choir while the DIRS presented the Intercessory Prayers. The celebrant, Fr. Keith D'Souza, shared his insights on how each and everyone has a purpose to fulfil in serving all creation.

AICUF Orientation

AICUF along with Br. Vivian Almeida organised an orientation for the first-year Arts and Science students at the Heras Mezzanine on 2nd August 2018. The students were shown a video that spoke about how AICUF functions and its aims and objectives. A video of the Lohagad trek was also presented to the crowd which was followed by an interactive session with an ice breaker. A question-answer session ended the orientation.

Trouble in Paradise!

At the beginning of July 2018, Kerala was engulfed by unprecedented floods that caused untold destruction of life and property. Hence, we organized a collection drive for which we received numerous donations to help those who were suffering. The SSL, also collected materials and helped with transporting materials to the Kerala AICUF unit. Our efforts were a success and we were able to collect 74 boxes weighing 1152 kgs in just 3-4 days. Not only did we help the people in Kerala

but this turned out to be a novel team building experience for the AICUFers.

Poster Making Workshop

On 29th August 2018, the AICUF arranged a Poster Making workshop where many enthusiastic artists participated. The themes of this event were social issues like drug abuse, peace & violence which were very interesting and challenging at the same time. The dazzling use of colours to make a meaningful work of art was incredible. Participants even showed off their skills by writing original quotes. Colourful and creative, this event was a complete success.

Social Outreach

Our visit to the Behrampada slums (Bandra East) on 26 August exposed us to the harsh realities that the poor face even in a city like Mumbai. The women of the Akhil Bharatiya Muslim Mahila Andolan (ABMMA) NGO who play a part in the lives of the slum dwellers, were an inspiration for us. After this excursion, we invited them and 50 children to college for a short programme. They were shown the movie, "I am Kalam" to which they responded by saying, "If Kalam can, we all can!" Activities and games gave them the opportunity to interact with our volunteers and we say that most of them showed not just an aptitude but a dedication for education. An enriching and unique experience, we put into effect Social Outreach and Personality Development by moving beyond our comfort zone and reaching out to those who aren't as privileged as us as well as meet people from different walks of life.

World Peace Day

In collaboration with the DIRS, Samanvaya, SSL, and XIC, the AICUF organized the World Peace Day programme on 21 September. Radha and her team performed an Interfaith prayer dance. After which there was a panel discussion on 'My Stand for Peace' consisting of Dr. Irfan Engineer and Dr. Sanjeevani Jain who are part of the Core Team of Samanvaya. Fr. Keith D'Souza, the Rector, was the chairperson. The programme ended

with the singing of “Who will Speak if We Don’t?” and a Peace March around the college which concluded in the first quad with a rousing rendition of “Hum Honge Kamyab.”

Street Play: Streets on Heat

On World Peace Day, a street play, colloquially called a Nukad Natak was performed by our students, led by the AICUF cultural coordinator, Alex Berrheto. Not only was our audience in college enthralled but we also took our play to the streets and got an astounding response.

YES Camp

The annual AICUF YES Camp was held at Uplat from 21st to 24th October. The visit to the Leprosy Home at Vadoli and various Jesuit missions in the Talasari area moved each of us. We got a glimpse of the life of the local tribals while staying with them and this led to a deeper understanding of ourselves. A special thanks to Fr. Brian D’Souza and Bro. Dean Fernandes who were vital to this spiritual adventure.

UJALI

The UJALI fest from 15th to 17th November dealt with the theme, “Empowered Women, Empower Women” through a series of talks, discussions and plays that gave a call to action. Contemporary issues like the MeToo movement and the denial of entry to women of menstruating

age into the Sabarimala temple as well as a play about Malala were just some of the issues that were discussed. There was also a session on disability that divested our misconceptions about it. Our audiences’ positive response was heartening.

Traditional Day: Feast of St. Francis Xavier

Traditional Day, and the feast of St. Francis Xavier on the 3rd of December, began with a skit about Malala by the AICUF and every department participated in the Peace March, representing their unique expression of peace. Fr. Savio Abreu, the main celebrant, shared his insights on how St. Francis lived the theme – Integral Ecology: Dare the Improbable. The DIRS conducted the Prayers of the Faithful and the AICUF provided a lively choir. Fr. Prashant concluded by explaining the Cosmic Crib and students and staff of diverse faiths offered prayers of creation.

AICUF Day 2019

The year culminated with the AICUF Day on 11th February. The program began with an interactive game and the existing Trinity as well as other AICUFers gave their personal reflections based on their experiences with the AICUF over the years and how it has moulded them to be better humans. The volunteers who had gone to Magis 2018, shared how it

nurtures global citizens. Hashir, a fellow AICUFer, gave a brief talk about how Gandhi should be a model for us. The day ended with a brief blessing meditation by Fr. Prashant, who led us in prayer after which the AICUF band’s performance was the perfect close to the year.

Self-Defence Workshop

On 13th February 2019, a Self-Defence workshop was conducted by the AICUF as a part of the Social Outreach program. The workshop was held at ‘Chuim Community Centre’ (Khar west) for about 70 female domestic help where Sir Elroy Vaz and his team from Krav Maga Global taught them some basics of self-defence.

The Phoenix- Monthly Newsletter

The Phoenix provides a platform for AICUFers to express their views on issues plaguing our society. Their creativity was expressed through articles, poems and, artwork, like painting and doodling. It kept the AICUFers updated with the upcoming activities and presented the programmes arranged by the AICUF each month. Post exams the new Trinity was elected and the responsibilities were passed onto them. Newly elected **Trinity**: President: Br. Jijo, Secretary: Glynel Tellis, Treasurer: Craigston Fernandes

Fr. Prashant Olalekar
Head, AICUF

FORENSIC SCIENCE

In the academic year 2018-19, the Diploma in Forensic Science and Criminal Law course welcomed 17 fresh enrollments for the program, many of whom were students and professionals from the fields of Law, Commerce, Management, Psychology and the IT industry. This year, the number of Arts graduates outweighed the number of Science students, which was a welcome surprise for us.

In addition to the department faculty, this year the students were exposed to lectures and seminars by distinguished practicing professionals in the fields of:

- Document Examination – Dr



Gulshan Rai (Rtd. Head of Institute – Forensic Science Lab - Haryana)

- Cyber Law - Mr. Tushar Ajinkya (Partner, DSK Legal)

- Law - Mr. Kishu Daswani (Professor of Law- St. Xavier’s College & Government Law College)
- Cyber Crime Investigation (Mr.

Sachin Dedhia - Founder of Skynet Secure, Mumbai)

- Law - Mr. Ashish Chavan (High Court Advocate)
- Statistics - Dr. Manasi Kanuga (Associate Professor - Department of Life Sciences and Biochemistry, St. Xavier's College).
- Forensic Psychology – Ms. Havovi Hyderabadwalla (Clinical and Forensic Psychologist and Partner – Mind Mandala)
- Wildlife Forensics – Ms. C. Samyukta (Head – Wildlife Forensics – Wildlife Conservation Trust)

The students, over the course of the program, were exposed to different areas of forensic practice relevant in this day and age. Equipped with their basic knowledge in the field, and practical exposure, they researched and prepared extensive Crime Scene Reports in the form of 'Mock Charge-Sheets' which were then presented before professionals in the field, in the form of a 'Moot Court'. This experience gave the students an overview supported by practical experience, of the process of the Indian justice delivery system from 'crime scene to courtroom'.

Ms. Riva Pocha and Ms. Alethea Vaz attended an International Conference on 'Forensic Research and Analysis', hosted by SelectBio India on the 25th

and 26th of April 2019 conducted at Radisson Blu – Delhi. Attendance at both these conferences helped Ms. Pocha and Ms. Vaz gain a global perspective of the field of forensics and thus helped in generating new ideas to strengthen our program for the future batches.

In August 2018, Ms. Alethea Vaz and Ms. Havovi Hyderabadwalla, on behalf of the department, conducted a competitive two-day workshop during Malhar 2018. On the first day of the workshop, the 60 intercollegiate participants were taught the basics of crime scene investigation and the skills required to be a good investigator. The learning was provided to the participants through hands-on teaching techniques. They then solved a Mock Crime Scene on the second day using forensic analytical techniques taught during the initial component of the workshop.

From August 2018 – February 2019, Ms. Riva Pocha and Ms. Alethea Vaz conducted a single credit Wildlife Forensics Honours Program for the Department of Zoology, wherein the students were taught the basics of crime scene processing and exposed to the collection, packaging and analysis of various evidences found at a wildlife crime scene.

The 3-month Online Certificate Program in Forensic Science started

by Dr. Pushpa Sinkar, Ms. Riva Pocha, Ms. Sejal Gupta and Ms. Alethea Vaz has successfully completed 5 batches and graduated 20 students since its inception in January 2017. The primary objective of the program is to make quality forensic education easily accessible by facilitating distance learning for students in all parts of India.

The three Faculty Members – Ms. Riva Pocha, Ms. Sejal Gupta and Ms. Alethea Vaz represented the College and the Department as academic delegates at the 'International Forensic Research and Analysis' organized by SelectBio India, in Delhi on 25th and 26th of April 2019. The conference was an eyeopener to the emerging trends and research in Forensic Science, not only in India and but also around the world, with novel insights on the latest in fingerprinting. There were eminent speakers from both the law enforcement and scientific community, who highlighted the lacuna in the practice of forensic science due to poor infrastructure and the resistance to change of the old-world order. However, the conference gave academics like us a motivational boost to strive to mould our students with the professional ethics that forensic science demands as well as provide them with the basic tools to pursue this field as a career.

Dr. Pushpa Sinkar
Co-ordinator

हिंदी साहित्य, संगीत एवं नाट्य अकादमी (अंतस) : गतिविधियाँ

वर्तमान शिक्षा सत्र में अंतस के कार्यक्रम को Lingua - 2018 के अंतर्गत समायोजित करके मनाया गया। महाविद्यालय की १५० वीं जयंती के आयोजन के कारण ऐसा किया गया। Lingua - 2018 के अंतर्गत हिंदी, मराठी, अंग्रेजी तथा फ्रेंच चारों भाषाओं में कार्यक्रम आयोजित किये गए। हिंदी भाषा के अंतर्गत २७ नवंबर, २०१८ को हिंदी नाटक 'सम्राट अशोक' का मंचन कॉलेज हॉल में किया गया। दि. २८/११/२०१८ हिंदी कहानी का पाठ एवं नाटक 'कल्ल' का मंचन किया गया। दि. २९/११/२०१८ को कॉलेज हॉल में संगीत नाटक 'लकीर' का प्रस्तुतिकरण किया गया। दि. १/१२/२०१८ को बॉलीवुड आर्केस्ट्रा के अंतर्गत

संगीत का शानदार कार्यक्रम प्रस्तुत किया गया। इसी दिन टेलीविज़न तारिका सुश्री प्राजवत्ता कोली के साथ विद्यार्थियों का संवाद स्थापित हुआ।

Lingua - 2018-2019 के कार्यक्रम को सफल बनाने के लिए कु. मरिया, कु. आफ़रीन, कु. ऐश्वर्या आदि ने सराहनीय कार्य किया।

अन्य गतिविधियाँ : मराठी वाडमय मण्डल द्वारा दि. २६/११/२०१८ को एक वाक् स्पर्धा का आयोजन किया गया। हिंदी - विभाग द्वारा दि. २६/११/२०१८ के अवसर पर तीन भाषाओं में आयोजित वाक् स्पर्धा के आयोजन हेतु विद्यार्थियों को तैयार किया गया।

इस कार्यक्रम के दोनों अनुभवी निर्णायकों डॉ. आशा नैथानी दायमा तथा डॉ. रीता कुमार को आमंत्रित करने का कार्य भी हिंदी - विभाग द्वारा किया गया।

हिंदी - विभाग के डॉ. भगवती उपाध्याय ने महाविद्यालय की १५० वीं जयंती के उपलक्ष में आयोजित उद्घाटन समारोह के लिए महाविद्यालय गीत लिखा। इस गीत को कु. जिनिया चट्टोपाध्याय ने संगीतबद्ध करके अपने सहपाठियों कु. नूपुर जोशी, निकिता सोनवणे, सूर्यकांत, शुभम गुप्ता आदि ने बड़े उत्साह के साथ प्रस्तुत किया। महात्मा गांधी जी की जयंती के अवसर पर गांधी दर्शन पर स्वरचित कविता पाठ किया।

INDIAN MUSIC GROUP

The Indian Music Group is an institution that has strived to spread the love for Indian classical music among people of all age groups, especially the youth, by organizing a string of classical music concerts, *baithaks*, and informative sessions for the past four decades. In keeping with the spirit of the IMG, we brought about changes and newer ideas this year, while ensuring that our regular events received the maximum audience. Throughout the year, IMG has organized numerous concerts.

Aaroh: (1st August)

Aaroh, as the name suggests, is the first concert of the IMG, organized by the students of the college. It began with a captivating Bharatanatyam performance by **Khushi Desai** followed by an enchanting music ensemble, where the melodies from instruments like the tabla played by **Mrunmay Chavan**, the shehnai and the harmonium played by **Nilesh Dhumal**, the flute played by **Megh Kanvinde**, and the violins played by **Samuel Sinate** and **Jerusha Mendes**. They were accompanied by **Avichal Pillai** and **Jiniya Chatterjee** in vocals.

Music Appreciation Course – This is a one-credit transfer honours program organized by the IMG every year. This year, it was divided in two segments:

a) **Rajasthani Folk Music Concert:** (28th August)

The Rajasthani Folk Music Concert held by **Dr. Pratibha Naithani** with the artists – **Umar Mohammad** on the Nagara, **Asin Khan** on the Sarangi and Vocals, **Achar Khan** on the *Murli* and *Algoza*, and **Zaheer Khan** playing the *dhol* as part of the Music Appreciation Course by the IMG was a huge success owing to the sheer brilliance of the artists and the enthusiastic audience. This new initiative catered to more different forms of music.

b) **Malhar Ke Prakaar:** (15th September)

The onset of monsoon is synonymous with Raag Malhar, and the IMG's Malhar Ke Prakaar is the best way to celebrate the rains. The first session had the perfect ambience—a morning

blessed with showers of rain. **Shri Sanjeev Chimmalgi** mesmerised the crowds with his melodious performance. This year, the IMG was honoured to host **Pandit Nayan Ghosh** accompanied by the talented **Ishaan Ghosh**. The two artists left the crowds craving for more and delighted the audience with their synchronising and harmonious performance.

Viraasat: (23rd, 24th November)

Viraasat is a concert devoted to providing a platform for young talented artists and honouring the legacy of Indian classical music. It is after all, the 'Young Artists Festival' and has seen the likes of several prominent, successful artists in their nascent years, such as Dr. Ashwini Bhide Deshpande, Ustad Zakir Hussain and many others! This year, Viraasat was a two-day event, wherein the first day was an Indian classical music competition and the winner was given a platform to perform at the next day's concert. Day 2 of Viraasat, per norm, had two sessions. The first session saw **Shri Indrayuddh Majumdar** on the Sarod while Session Two was a performance by the winner of the competition held on first day of Viraasat.

Birthday Concert: (6th January, 2019)

The IMG celebrated 46 years of its glorious musical legacy this year. To celebrate this unbroken history, we held the Birthday Concert, the precursor to the much awaited Janfest. Session 1 saw a striking performance by **Shri Abhishek Borkar** on the Sarod while Session 2 had the brilliant **Vidushi Arati Ankalikar-Tikekar** showcasing her mellifluous voice. The concert ended with the release of the much awaited Janfest 2019 line-up, following which donor pass distribution was open for Janfest 2019.

Janfest: (25th, 26th January)

Janfest is the flagship concert of the IMG, one that is eagerly awaited by Indian classical music enthusiasts a cross the country. The first session of

Janfest 2019, on the 25th of January, saw one of the most captivating and brilliant performances by the **Sakhi Group**, a female Indian classical music group with **Smt. Kaushiki Chakraborty**, **Smt. Debopriya Chatterjee**, **Kum. Nandini Shankar**, **Smt. Bhakti Deshpande**, **Smt. Savani Talwalkar**, **Kum. Mahima Upadhyay** and **Anupama Bhagwat ji**; all of whom left the audience spellbound. The next performance was a *Jugalbandi* between **Ustad Shujaat Khan** and **Shri Ganesh Rajagopalan**, a harmonious melody of Carnatic and Hindustani music, making the evening a truly memorable one.

On the 26th of January, even before the sun had risen, the Quadrangle of St. Xavier's College was teeming with people eager to watch the legendary **Pandit Hariprasad Chaurasia** perform; a truly mesmerising performance with the rising sun as the perfect backdrop. The last session of Janfest 2019 saw incredible performances by the greatest artists of Indian classical music, **Ustad Rashid Khan** and **Pandit Shivkumar Sharma**. Janfest 2019 broke records in terms of the crowds and was a house full concert!

Humans of IMG

The rigorous tradition of Indian classical music shows how intricately intertwined music and time are. Transcending the confines of a ticking clock, time, to us at the IMG, spills out into the concepts of legacy, nostalgia, and forever. Time takes the shape of a journey, that of the thousands of journeys that make up the IMG. Which is why this year, we began an initiative called *Humans of IMG*, an initiative that attempts to reach out to and connect to those that have made the IMG what it is today and hear about the rich history of the IMG from the lips of those that were. *Humans of IMG* is a concept that will be kept alive on the social media pages of the IMG, even after the year ends.

Dr. Bhaskar Saha
Convenor

मराठी वाङ्मय मंडळ

मराठी वाङ्मय मंडळाने २०१८ साली ९५व्या वर्षात पदार्पण केले. संत झेवियर्स महाविद्यालयाचे हे एम. व्ही.एम. सातत्याने मराठी संस्कृती लोकांपर्यंत पोचविण्याचे कार्य करीत आहे. कार्यकारिणी मंडळ दरवर्षीप्रमाणे याही वर्षी मराठी भाषा लोकांमध्ये कशी रुजवता येईल आणि जे महाराष्ट्रीयन नाहीत, त्यांच्यात भाषेची गोडी कशी निर्माण करता येईल, ह्याच हेतूने कार्यरत होते.

मराठी संस्कृतीत गुरु-शिष्य ह्या नात्याला सगळ्यात वरचे स्थान दिले आहे. ह्याच परंपरेचा मान आणि शिक्षकांसमोर नतमस्तक होण्याचे संस्कार ह्याची जाणीव सदस्यांनी महाविद्यालयात गुरु पौर्णिमा २८ जुलै या दिवशी साजरी करून दर्शवली. कलेच्या माध्यमातून नाटकाच्या रूपात सर्व शिक्षकांचे आभार मानण्यात आले.

दर वर्षाच्या परंपरेनुसार २०१८ सालचे मराठी वाङ्मय मंडळाचे कार्य हे एका मोठ्या उद्घाटन समारंभाने दिनांक १९ सप्टेंबरला चालू झाले. मंडळाचे काम हे नाट्य, नृत्य, संगीत, साहित्य, कला अशा विभागांमध्ये चालते. मंडळाच्या सदस्यांनी लाइव्ह मूवी ही नवीन कल्पना रंगमंचावर प्रस्तुत केली. एकाच नाटकात सर्व कला दर्शविल्या व प्रेक्षकांना रममाण होण्यास भाग पाडले. हा

कार्यक्रम प्राचार्य राजेंद्र शिंदे व मंडळाच्या अध्यक्षा प्रा. अनिता राणे यांच्या उपस्थितीत पार पडला.

२०१८ साली महाविद्यालयाला १५० वर्षे पूर्ण झाली आणि सर्वत्र महोत्सव सुरू होता. मंडळाने ह्या महोत्सवात देखील स्वतःचा ठसा दर्जेदारपणे उमटवला. नृत्य विभागाने लेझीम व गोंधळ हे साजरे केले.

मुंबईकरांसाठी २६ नोव्हेंबर हा अतिशय महत्वाचा दिवस असतो. मुंबईत झालेल्या दहशतवादी हल्ल्यात अनेकजण ठार झाले व शहीद होऊन भारताच्या इतिहासात अजरामर झाले. या शूरवीरांना श्रद्धांजली म्हणून मंडळाने शौर्यदिन साजरा केला. शौर्य दिनानिमित्त जे लोक त्या प्रसंगाला सामोरे गेले, त्यातील काही लोकांच्या मुलाखती घेण्यात आल्या. ह्या कार्यक्रमाच्या प्रस्तुतीनंतर मात्र प्रेक्षक हादरून गेले होते. शहिद झालेल्यांना आदरांजली म्हणून महाविद्यालयात कॅंडल मार्च देखील आयोजित करण्यात आला.

वर्षाच्या अखेरीस मंडळाने स्वतःच्या वार्षिक उत्सवाचे म्हणजेच आमोदचे दिनांक २९, ३० आणि ३१ जानेवारीला मंडळाने आयोजन केले होते. सर्व कलांना उद्देशून अनेक आंतर महाविद्यालयीन

स्पर्धा आयोजित करण्यात आल्या. आमोदसाठी सिने इंडस्ट्रीतील कलाकार रेणुका शहाणे, श्रीहरी कुलकर्णी परीक्षक म्हणून लाभले. आमोदच्या प्रस्तुतीने आणि सुंदर आयोजनाने स्पर्धकांना व प्रेक्षकांना अचंबित केले. याचबरोबर भारतीय डिजिटल पार्टी यांच्या सदस्यांचा कार्यक्रम पण महाविद्यालयात झाला.

या सर्व कार्यक्रमांबरोबर विद्यालयाच्या लिंगवा या सर्व भाषीय महोत्सवात पण मंडळाचा सहभाग होता. तिथे लावणी, भारूड, पोवाडा या कला सादर करून सर्वांना मराठी संस्कृतीची नव्याने ओळख करून दिली.

मराठी भाषेचा गौरव म्हणून मंडळाने मराठी भाषा दिवस दिनांक २७ फेब्रुवारी मोठ्या दिमाखात साजरा केला. मराठी भाषेच्या दिग्गज कवींना, लेखकांना स्मरून मंडळाच्या सदस्यांनी ते मराठी असल्याचा त्यांना अभिमान वाटतो आणि सर्वांना वाटला पाहिजे हे लोकांना आपल्या कार्यक्रमांतून सांगण्याचा प्रयत्न केला. मराठी अभिमान गीत गाऊन या कार्यक्रमाची सांगता करण्यात आली.

प्रा. डॉ. अनिता राणे - कोठारे
अध्यक्षा

PLACEMENT CELL

In spite of the slump that the employment sector experienced in the year 2018-19, we are happy that there was an increase in the percentage of students placed vis-à-vis 2017-2018.

In the academic year 2018-19, the Placement Cell activities started in the 1st week of August 2018.

479 students registered with the Placement Cell, of which 166 have been placed in various companies/ organizations. The highest salary package was Rs 15 Lakhs per annum and the average was in the range of 3.75 to 4 lakhs per annum.

Registration composition: stream wise:

B.A.	-	148
B.Sc.	-	56
B.Com	-	45
B.M.M.	-	35
B.M.S.	-	49
B.Sc. (IT)	-	48

B.Voc (Tourism)	-	41
B.Voc (Software)	-	23
P.G	-	34
Total	-	479

No. of placements: Streamwise

BA	-	68
BMS	-	30
B.Sc.	-	16
B.Sc. (IT)	-	22
BMM	-	14
B.Com	-	2
B.Voc. (Tourism)	-	10
B.Voc. (Software)	-	4
PG	-	Nil
Total	-	166

STREAMWISE PLACEMENT

During the academic year 2018-2019, the following Recruiters held their Pre-Placement Talk and/or hiring process either on Campus or at their Office Premises:

A.T. Kearney, Accenture, Across Borders Travels LLP. Aon Services,

Arete Advisors, Asian Paints, Axxela Advisory Services, Bain Capability Network, Breathing Room, Citibank, Custom Holidays, Daffodil Lane, Deloitte Consulting India Ltd. (Hyderabad), Deloitte (In- Mumbai), DSV Air & Sea Pvt. Ltd., E Y India, Eila Consulting Pvt. Ltd., Endurance International Group, Fujitsu, Gandhi Fellowship Program, A C Nielson Company, Great Place to Work, Growisto, Harmony Foundation, ICICI Bank, ICICI Prudential Life Insurance Co. Ltd., ICRA Ltd., Idinsight, IKS Health, ImpactGuru.com., J.P. Morgan, Josh Talks, Kapiva Ayurveda, Kapso Business Services, Lamp Fellowship, Madison World, Manara Media, Media. net, MGH Logistics, Myna Mahila Foundation, Organica Biotech Pvt. Ltd., Positive Moves, PwC, Quantiphi Analytical Solution Pvt. Ltd., Sciative Solutions, Seventh Sky Holidays, Social Beat, Spectal Management, Taglr Technologies, Talerang, Tata Consultancy Services Ltd. (Digital

Content Hiring), Teach for India Fellowship, TechnoServe India, Times Internet Ltd., TopHire, Trailblazers Adventure Travel Pvt. Ltd., TresVista, Ugam Solutions, Viacom-18, Vito India Advisors, Zee Entertainment Enterprises Ltd., Zilingo, Zomato, ZS Associates.

Pool Campus: Capgemini, Infoysis and Tata Consultancy Services

The job profiles were largely in the field of Consultancy, Risk advisory, Media and Management. Most of the consultancy profiles were open to the students of BMS, Arts and Science streams. Companies that are operating in the field of Social work and Social Entrepreneurship also visited the campus.

The main aim of the Placement cell was to be inclusive in its approach in placing the students of not only different streams but different capabilities and interests as well. We will be consolidating our efforts in the next academic year as well.

The placement cell has a team of both the faculty and the students who work together with the Placement Convenor and the Placement Officer.

Faculty members on the Placement Cell

Mr. Roy Thomas,
Ms. Aparna Kulkarni,

Dr. Vijaya Lobo,
Ms. Nandini Naik,
Dr. Ashwin Pundalik,
Mr. John D'Souza, and
Ms. Siddhi Bhathgara.

Placement Convenor: Ms. Soni George Tharakan

Placement Officer: Mr. Dominic C. Fernandes

I would like to thank our Placement Officer **Mr. Dominic C. Fernandes**, who has worked tirelessly to coordinate with the companies and the students from start to finish with respect to all Placement related activities. Our sincere and heartfelt gratitude to him.

Our Student Team has been of tremendous support and they have helped the cell in ensuring that the on-campus process of recruiting is conducted in a smooth and systematic manner. I would like to thank each and every member of the student team without whose help the whole process would not have been as organised as it has been during the placement season.

Students Team

BA- Durga Bhasin, Amrita Gandhi, Prateek Saini, Ileen Nunes, Manisha Tete, Vallari Mehta, Schnelle Andrades

B.Sc.- Girika Bhalla, Raghav Kumar Mittal

BMS- TY: Ipshita Datta, Dhruv Maniktala,

SY: Arjun Paliwal, Divyam Dewan

BMM- Nidhi Vartak

B.Voc.Tourism- Deboshree Chatterjee, Shikha Chauhan, Sanika Srihari

MPP- Alexander Joy, Rahul P. Thekdi

B.Sc IT- SY: Sumit Sonagra

The cell had also conducted a session on Resume writing and case study solving techniques. This was only for the students who had registered with the placement cell.

The placements in the academic year have been very impressive as we have had some of the top companies recruiting our students and it is worth a mention that our placements have been comparable with some of the best colleges in the country. A track on the progression of the students who have been placed earlier has been very positive as most of them are in top managerial positions and have also completed their Post Graduate studies.

We will continue our efforts and hope to raise the bar even higher in the next academic year.

Ms. Soni George Tharakan
Convenor – Placement Cell.

WOMEN'S DEVELOPMENT CELL

The academic year 2018-19 began with Dr. S. Annapurna taking charge as the chairperson and she welcomed the addition of Fr. Savio Abreu to the team. The agenda of the first meeting was to evaluate the performance in the last academic year. The process of dealing with cases of sexual harassment were further highlighted with regards to the procedure and action by the authority. A decision was made to follow the PUSH guidelines set by the Maharashtra Women's Commission. All members were provided a copy of the guidelines to familiarize themselves. The first program titled, 'Cast of all Shame' for the second year BA students was on gender sensitization and was done

through the method of performance. The program involved Dance, Art and Poetry organized by Dr Ulka Mayur, Storyteller, Writer, Director, Performer, Folklorist and, Co-founder (Story Circus)

Dr. Fr. Savio attended a one-day National Seminar held by the Maharashtra State Commission for Women on "Women: Equal Partners on Road to National Progress" on the third of October 2018 at Seva Sadan College of Education, Ulhasnagar.

A Self Defense workshop was conducted on 12th February from 2 pm to 4pm in the Fell Gymkhana for students. Self

Defense Trainer and alumni Mr. Elroy Vaz was the resource person.

The WDC received a grant of 1,00,000 for the purpose of conducting a seminar from the NCW, New Delhi in January 2019. The seminar titled 'Navigating Social Media in a responsible manner' was held on February 26th from 9 am to 4 pm. Acting as the highlight program for the WDC, a lot of effort was put into it. It had an amazing lineup of 10 speakers which included Psychiatrists, a Social Worker, Psychologists, an Ethical Hacker, individuals from Cyber safety and persons heading Cyber Netism in the city. The seminar received an overwhelming response of

500 participants, including students and faculty some of whom came from distant colleges such as Manor. The speakers spoke on topics ranging from cyber safety, online relationships, cyber bullying and, securing personal safety on the web.

The convener Ms. Linda Dhakul attended a discussion on #Metoo and Gender issues in Academia organized by the WDC, Mumbai University and the Gender cell, KC college on the 6th of

March 2019. Several clarifications were made on the questions by the different colleges. The WDC will continue to create awareness and sensitize staff and students towards gender issues. The Internal Committee (IC) will now be a permanent body that will address complaints related to sexual harassment. An Ordinance related to the WDC would be sent to each college. Finally, requirement of a budget for WDC activities was another part of their discussion.

There were 3 cases reported to the WDC this academic year, which were dealt with as per the NCW guidelines. We look forward to better engagement with teaching, non-teaching faculty and the students, sensitizing them to issues related to gender in the college.

Ms. Linda Dhakul
Convener (2016-19), WDC

ENTREPRENEURSHIP CELL AND SKILL HUB

Collaboration with Enactus:

St. Xavier's College collaborated with Enactus-an international organisation that connects students, academics and business leaders. The organisation is committed to using the power of entrepreneurial action to empower people to create and develop their own sustainable communities.

Initium

The E-cell successfully hosted a three hour talk session- Initium on the 4th of December 2018. The session provided guidance to students regarding executing their entrepreneurial ideas.

The speaker line-up included Mr Colin Salins, Assistant Vice-President, Indusind bank, Mr. Rajdeep Banerjee, IPR Legal consultant and Ms. Joyeeta Banerjee, legal consultant. During the session, the speakers discussed the issues they faced in the initial stages of their respective businesses. They encouraged the students to scrutinise their plans before executing them. The session received an overwhelming response with the participation of over 150 students. True to the meaning of the word 'Initium', the session was indeed students' initiation into understanding their respective business fields and

skills.

Digital Launch

The E-cell and Skill Hub were launched digitally on the 3rd of February 2019. On this occasion, a national level seminar- 'A bird's eye view' was conducted. Topics like investing for emerging India and Intellectual Property Rights were discussed at the seminar. Moreover, seven entrepreneurs shared their entrepreneurial journeys at the event. Over 400 students and 45 faculties participated in the seminar.

Mr. Pritesh Arte
BMS Faculty

LAB SAFETY COMMITTEE

The Lab Safety Committee was established in college this year. A survey and audit of all the science labs was undertaken by the Honours Programme students, which initiated the formation of this committee to oversee the general lab safety of the various Science departments.

The Lab Safety Committee organized the following events during the year:

- A Lab Safety Workshop was organized by the Lab Safety Committee on 15th November, 2018, for the non-teaching staff of the science departments. The resource person, Dr. Rahul Nabar, is a chemical engineer and adjunct professor at IIT Bombay. The non-teaching staff members were made aware about the various physical, chemical and electrical hazards

encountered as part of their day-to-day working in the laboratories and ways to prevent them.

- A talk on 'Disinfection: Challenges and the Way Ahead' for the teaching staff and students of Science Departments was held on 23rd January, 2019. The resource person was Dr. Imran Memon (M.Sc, PhD Microbiologist), Technical Director, Imago and Getter.

The Institutional Biosafety Committee:

- As per Govt. of India regulations, organizations handling genetically modified organisms (GMOs) and recombinant DNA materials for research or production should constitute an IBSC with the DBT approval. In the regulatory

framework, IBSC is one of the statutory bodies which operates directly from the premises of the institution and is responsible for proper implementation of biosafety rules, regulations and guidelines. The college IBSC, constituted in 2003, approved by DBT, Govt. of India, convenes regular meetings to monitor the GMO and recombinant DNA activities of the various on-going research projects. Two meetings of the committee were held on 15th November 2018 and 25th March, 2019 respectively. The minutes of the meetings and form C1 were forwarded to RCGM, DBT, New Delhi.

Dr. Priya Sundarrajan,
Director, Caius Research Laboratory
Convener

SPORTS

SENIOR COLLEGE

ACHIEVEMENTS IN SPORT (ACADEMIC YEAR 2018-2019)

Our Senior College teams participated in the following tournaments organized by the University of Mumbai.

The results were as follows:

SPORT	WOMEN	MEN
FOOTBALL	D.N.P	Third in Pool (League Stage)
BASKETBALL	2nd Runners-up	Participated
HANDBALL	Fifth	-----
VOLLEYBALL	Sixth	Participated
TABLE TENNIS	Seventh	Participated
CHESS	Participated	Participated

INDIVIDUAL ACHIEVEMENTS

The following students participated at the Mumbai University level.

PERFORMANCE IN INDIVIDUAL CHAMPIONSHIPS ACADEMIC YEAR 2018-2019	
<i>MUMBAI UNIVERSITY INTER COLLEGIATE REPRESENTATION</i>	
TAEKWONDO	Khamblekar Rishiraj(TYBSc) 58-63 kg (Placed 7th)
ATHLETICS	<ul style="list-style-type: none"> 100 meters: Peters Denzil – TYBMS (Placed 6th) 200 meters: Rosalin Lewis- TYBA (Placed 1st) 400 meters: Rosalin Lewis- TYBA (Placed 2nd) Rachael Michael- TYBSc (Placed 6th)
ARCHERY	<ul style="list-style-type: none"> Nair Rhea (TYBA) Compound Round (Selection Trial)
SHOOTING	<ul style="list-style-type: none"> Bewli Sukhman (FYBA) Peep Sight Air Rifle (Placed 6th)
POWER LIFTING	<ul style="list-style-type: none"> Kinny Oscar (FYBA) Upto 74kg (Placed 8th)
HALF MARATHON	<ul style="list-style-type: none"> Rachael Michael (TYBSc) Placed 6th Alphonso Florence (SYBMS) Placed 7th

PERFORMANCE IN INDIVIDUAL CHAMPIONSHIPS ACADEMIC YEAR 2016-2017	
<i>INTER UNIVERSITY REPRESENTATION</i>	
BASKETBALL: Carina Menezes (TYBMS) HANDBALL: Dhingra Aanya (TYBA) ARCHERY: Nair Rhea (TYBA). ATHLETICS: Rosalin Lewis (FYBA). HOCKEY: Kelley John (SYBA) and Lobo Lynette (SYBA)	
<i>OPEN STATE/ NATIONAL REPRESENTATION</i>	
BASKETBALL (Women) : Carina Menezes (TYBMS) (KHELO INDIA) ARCHERY:(Women) Nair Rhea (TYBA). ATHLETICS: (Women)Rosalin Lewis(FYBA). (KHELO INDIA) TABLE TENNIS: (Women)Sumer Misbah (TYBA) FOOTBALL: (Men) Valladares Sanath (TYBA) (KHELO INDIA) HANDBALL: (Women) Dhingra Aanya (TYBA), Okoth Mahek (SYBA), and Hatangadi Saili (SYBA).	

ST. XAVIER'S COLLEGE – WOMEN'S BASKETBALL TEAM



2ND RUNNERS-UP

MUMBAI UNIVERSITY INTER-COLLEGE BASKETBALL TOURNAMENT 2018-2019

Top row L-R –Vallado Dorothy, Jana M Daphisa, Fernandes Simran, (*Coach*) Sayed Rasool, Gala Gatee, Joseph Christine Maria

Bottom row L-R – D'souza Anisha, Jakhar Mohini, Uchil Mekhela, Carina Menezes, Shreya Bhawe, Nanaiah Rhiya,

Results of the Annual Sports Day 2018-2019
Finals were held on 4th December 2018
At the University Sports Ground Marine Lines.

EVENT	<u>100 M RUN</u>	GROUP	<u>SENIOR GIRLS</u>	
POSITION	NAME		FACULTY	TIME
I	TIANN DSOUZA		SYBA	15.21
II	SIMRAN ALPHONSO		TYB. VOC	15.39
III	SUZETTE NETTO		FYBA	15.56
EVENT	<u>100 M RUN</u>	GROUP	<u>SENIOR BOYS</u>	
POSITION	NAME		FACULTY	TIME
I	DENZIL PETERS		TYBMS	11.04
II	JORDON VALLADRES		TYBMS	12.26
III	JAYESH SUTAR		SYB. VOC	12.47
EVENT	<u>200 M RUN</u>	GROUP	<u>SENIOR GIRLS</u>	
POSITION	NAME		FACULTY	TIME
I	TIANN DSOUZA		SYBA	31.62
II	SUZETTE NETTO		FYBA	32.39
III	SIMRAN ALPHONSO		TYBVOC	32.60
EVENT	<u>200 M RUN</u>	GROUP	<u>SENIOR BOYS</u>	
POSITION	NAME		FACULTY	TIME
I	DENZIL PETERS		TYBMS	23.63
II	JAYESH SUTAR		SYBVOC	24.85
III	SANYAM GANGWAL		FYBA	25.64

EVENT	<u>400 M RUN</u>	GROUP	<u>SENIOR GIRLS</u>
POSITION	NAME	FACULTY	TIME
I	TIANN D'SOUZA	SYBA	74.99
II	RACHEL MICHAEL	TYBSC	75.92
III	TRICIA FERNANDES	FYBA	79.99
EVENT	<u>400 M RUN</u>	GROUP	<u>SENIOR BOYS</u>
POSITION	NAME	FACULTY	TIME
I	DENZIL PETERS	TYBMS	56.28
II	JAYESH SUTAR	SYBVOC	60.98
III	RAMESH PATIL	SYBCOM	62.09

EVENT	<u>800 M RUN</u>	GROUP	<u>SENIOR GIRLS</u>
POSITION	NAME	FACULTY	TIME
I	RACHAEL MICHAEL	TYBSC	3:00
II	TIANN D'SOUZA	SYBA	3:05
III	TRICIA FERNANDES	FYBA	3:08

EVENT	<u>800 M RUN</u>	GROUP	<u>SENIOR BOYS</u>
POSITION	NAME	FACULTY	TIME
I	ROHIT PAL	TYBSCIT	2:11
II	JAYESH SUTAR	SYBVOC	2:22
III	SATYAM SABOO	SYBSC	2:25

EVENT	<u>1500 M RUN</u>	GROUP	<u>SENIOR GIRLS</u>
POSITION	NAME	FACULTY	TIME
I	RACHAEL MICHAEL	TYBSC	06:45.9
II	TRICIA FERNANDES	FYBA	06:48.5
III	KELLEY JOHN	SYBA	06:53.5

EVENT	<u>1500 M RUN</u>	GROUP	<u>SENIOR BOYS</u>
POSITION	NAME	FACULTY	TIME
I	ROHIT PAL	TYBSCIT	04:42.2
II	JAYESH SUTAR	SYBVOC	05:23.7
III	RAMESH PATIL	SYBCOM	05:26.7

EVENT	<u>LONG JUMP</u>	GROUP	<u>SENIOR GIRLS</u>
POSITION	NAME	FACULTY	DISTANCE
I	DAPHISA JANA	TYBSC	3.49 mtr
II	SAKSHI MEHTA	TYBA	3.15 mtr
III	RACHAEL MICHAEL	TYBSC	3.12 mtr

EVENT	<u>LONG JUMP</u>	GROUP	<u>SENIOR BOYS</u>
POSITION	NAME	FACULTY	DISTANCE
I	DENZIL PETERS	TYBMS	5.62 mtr
II	IAN CARDOZA	TYBVOC	5.37 mtr
III	GIRISH SHETTY	TYBCOM	5.33 mtr

EVENT	<u>HIGH JUMP</u>	GROUP	<u>SENIOR GIRLS</u>
POSITION	NAME	FACULTY	DISTANCE
I	RACHAEL MICHAEL	TYBSC	1.25mtr
II	TRICIA FERNANDES	FYBA	1.10mtr
II	RESHELL GEORGE	TYBSC	1.10mtr

EVENT	<u>HIGH JUMP</u>	GROUP	<u>SENIOR BOYS</u>	
POSITION	NAME		FACULTY	DISTANCE
I	AKSHAY MARATHE		TYBCOM A	1.40mtr
II	JORDAN KOLI		FYBCOM B	1.35mtr
III	PRIYANSHU SAXENA		SYBCOM B	1.30mtr
EVENT	<u>SHOT PUT</u>	GROUP	<u>SENIOR GIRLS</u>	
POSITION	NAME		FACULTY	DISTANCE
I	AASTHA MISHRA		FYBSC	6.55 mtr
II	SAMIKSHA BHAT		FYBA	6.4 mtr
III	ANSUYA GOGOI		TYBSC	6.3 mtr
EVENT	<u>SHOT PUT</u>	GROUP	<u>SENIOR BOYS</u>	
POSITION	NAME		FACULTY	DISTANCE
I	VALEN NORONHA		SYBSC	9.94 mtr
II	RAHUL BRAHMA		SYBCOM	9.42 mtr
III	DINABANDHU MANDAL		SYBCOM	8.03 mtr
EVENT	<u>DISCUS THROW</u>	GROUP	<u>SENIOR GIRLS</u>	
POSITION	NAME		FACULTY	DISTANCE
I	SAMIKSHA BHAT		FYBA	17.84mtr
II	AASTHA MISHRA		FYBSc	12.87mtr
III	KELLEY JOHN		SYBA	11.21mtr
EVENT	<u>DISCUS THROW</u>	GROUP	<u>SENIOR BOYS</u>	
POSITION	NAME		FACULTY	DISTANCE
I	STEFAN MANKI		MSc	20.18mtr
II	RICKSON V.		MSc	17.87mtr
III	RAHUL BRAHMA		SBCOM	16.53mtr
EVENT	<u>JAVELIN THROW</u>	GROUP	<u>SENIOR GIRLS</u>	
POSITION	NAME		FACULTY	DISTANCE
I	AASTHA MISHRA		FYBSc	16.62mtr
II	SAMIKSHA BHAT		FYBA	15.65mtr
III	KELLEY JOHN		SYBA	11.35mtr
EVENT	<u>JAVELIN THROW</u>	GROUP	<u>SENIOR BOYS</u>	
POSITION	NAME		FACULTY	DISTANCE
I	RAHUL BRAHMA		SYBCOM	37.66mtr
II	PRADEEP RAWAL		FYBCOM	25.79mtr
III	JORDON VALLADARES		TYBMS	25.61mtr



ANNUAL SPORTS DAY 2018-2019 ROLLING TROPHIES

Senior College Men's Individual Championship

Denzel Peters (TYBMS)

Senior College Women's Individual Championship

Rachael Michael (TYBSc)

Senior College Inter-Faculty Rolling Trophy: **Bachelors in Arts**

Tiann D'souza (SYBA) and Jordan Valladares (TYBA).

SPORT	SENIOR GIRLS	SENIOR BOYS
BADMINTON	George Reshell (SYBSc)	Saini Pratik (TYBA)
CHESS	Reha Patel (SYBA)	Kunnumpuratjh Tony (TYBMM)
BASKETBALL		FYBMS
RINK FOOTBALL	TYBSc	TYBA
RINK HOCKEY		TYBA
VOLLEYBALL	FYBA	FYBSc
THROWBALL	TYBVOc	
TABLE TENNIS	Sumar Misbah (TYBA)	Paes Rayhaan (FYBSc)

**INTERCLASS VOLLEYBALL
SENIOR GIRLS**



FYBA WINNERS

**INTERCLASS RINK FOOTBALL
SENIOR BOYS**



TYBA WINNERS

**INTERCLASS RINK FOOTBALL
SENIOR GIRLS**



TYBSc WINNERS

**INTERCLASS BASKETBALL
SENIOR BOYS**



FYBMS WINNERS

Dr. Thomas Pires
Director, Sports

XRCVC

Xavier's Resource Centre for the Visually Challenged

The XRCVC's Annual Report for 2018- 2019 (June to May)

The quality of life of most disabled persons can be bettered simply by providing them equal opportunities and effective access to rehabilitation measures. Ironically, though, a person with disability often lives the life of a second-class citizen.

And this is where the Xavier's Resource Centre for the Visually Challenged (XRCVC) tries to make a difference.

The XRCVC was initially set up as a resource and advocacy centre for persons with visual impairment. However, as an enabling unit on campus at St Xavier's College (Autonomous), Mumbai, it has now expanded its offering to include services to students with hearing / speech impairment, autism, learning disabilities, and those with orthopaedic disabilities as well. Along with providing direct and indirect support at the micro level, it works closely with government agencies, corporates, researchers and educational institutions at the macro level on advocacy and sensitisation initiatives — particularly in the areas of education access, financial access, print access, and independent living.



From left: Reverend Fr. General Arturo Sosa, S.J., Superior General of the Society of Jesus, during his visit to XRCVC; an assistive technology awareness workshop at Accenture; a science kit for the visually impaired being demonstrated in NCERT, Delhi

In the academic year 2018-19, St Xavier's College (Autonomous) had 110 students with disability on its rolls. The Enabling Committee of the college — a staff-cum-student representative committee that looks into all inclusion and accessibility needs on campus — ensured that each of these students had an enriching curricular and extra-curricular experience.

For its efforts to promote inclusion and its commitment to inclusive education, St Xavier's College was awarded The Nipman Foundation Microsoft Equal Opportunity Awards 2018 in the Enabler category (Inclusive Schools — Higher Education). This is a recognition for the hard work that the college has put in to make the campus inclusive in every sense of the word. The winners for the Nipman awards were announced after a rigorous selection by an independent jury chaired by Ms. Stuti Kacker, Founder and Former Secretary, Department of Disability Affairs, Ministry of Social Justice & Empowerment, Govt. of India. Ms Neha Trivedi from XRCVC collected the award on behalf of the college at a function organised in New Delhi on November 16.



From left: An awareness event at Empower 2018 in Sonapat; Dr Sam Taraporevala addressing employees of DOW; Gouri Bhuyan receiving the Lions Club of East Bombay Scholarship

In March 2019, the XRCVC was also honoured to host Reverend Fr. General Arturo Sosa, S.J. —Superior General of the Society of Jesus—during his visit to St Xavier's College (Autonomous).

In addition to meeting requirements of students on campus, the XRCVC is also actively involved in promoting inclusion and access across the country through its range of training, advocacy and awareness programmes.

Membership base

In 2018-19, XRCVC's membership base expanded to 678 persons. But, the centre does not restrict its offerings solely to its members. Its advocacy work allows it to touch—and hopefully transform—thousands of lives across the country.

The XRCVC offers a range of direct support and training services to persons with disabilities, caregivers, educators, and institutions. Direct support provided included scanning, demonstration of and training in the usage of assistive devices, career advice, basic computer training, software assistance, mobile phone usage training, smartcane usage training, Braille printing, follow-up with publishers for accessible copies of books, coordinating with educational institutions, banks and other financial bodies, etc.

Volunteer support

Despite all the technology and advancements, human assistance cannot be eliminated completely for persons with disability. The XRCVC provides volunteer services for:

- Reading
- Converting material into accessible formats for people with visual impairment – through typing, scanning, editing, recording
- Teaching – for any subject
- Examination taking – scribe facilities (this service is provided in collaboration with the Student Inclusion Cell of St Xavier's College)
- Any other requirement on a need basis

Depending on the member's needs and requirements, the XRCVC provides volunteers both for short- and long-term needs. Ninety volunteers and five interns worked with the centre during the year, sourced mainly from the Social Involvement Programme (SIP) and ECC programme of St Xavier's College (Autonomous).

Assistive technologies

The XRCVC houses an exhaustive list of assistive technologies (AT) that can be explored by visually challenged persons — as also employers, government bodies, and any other group that would like to know more about AT.

Focused work areas

During the year, the centre's activities were channelised through three main focus areas:

- a. Education & Learning (KG to PG)
- b. Accessibility Solutions and Inclusive Services
- c. Awareness

Given below is a summary of the centre's activities in 2018-19 under each head.



From left: A content creation training workshop at XRCVC; an awareness event in Cathedral School, Mumbai; an event organized by the Blind Graduates Forum of India

A. Education & Learning (KG to PG)

While Right to Education has become a fundamental right in India, this right is far from being actualized for persons with disabilities. During the year, the XRCVC continued its work towards inclusive education practices and services at school, college and higher education levels. A plethora of activities were conducted during the year in this connection, some of which are described below.

- XRCVC provided all the resources and manpower to St Xavier's College that was required to ensure the smooth conduct of the Enabling Committee's activities during the year.
- Ongoing work continued with students who are part of the XRCVC's comprehensive educational offering. During the year, the centre also regularly conducted training and sensitisation sessions at Prime Academy, and other institutions.
- Work pertaining to book content creation and accessible study material creation continued through the year. Both staff and volunteers are engaged in this work.
- Ongoing work on Geometry Tools Research for students with visual impairment continued during the year.
- In July 2019, Dr Sam Taraporevala was a speaker and panelist at the 6th Annual Drishti Symposium being organised on

the theme, 'Leading Mixed Ability Classrooms' at ADAPT, Mumbai.

- In September, Dr Taraporevala was a speaker and panelist at the National Conference on Social Integration, 'Know your Rights' organized in Keshav Vidyapeeth, Jaipur.
- The centre also collaborated with NCERT in its efforts to make science kits for the blind at the upper primary school level.



From left: A team from Curry College at XRCVC; a CPR training workshop for the visually impaired; testing of a Braille display machine developed by Assistech, IIT Delhi

- The centre continued to collaborate with Inclusive Stem (I-STEM), comprising a group of young persons who are blind or visually impaired from India pursuing science, technology, engineering and mathematics (STEM) education and careers. The group organized its second hackathon in Bangalore in January 2019. The aim was to bust myths about blind programmers and start the process of making the tech industry in India accessible. The hackathon brought blind and visually impaired developers, industry professionals and sighted computer science students together to work on exciting and challenging projects for 24 hours. Not only did participants learn technical skills from the hackathon, but also developed a better understanding of each other's strengths and weaknesses.
- In May 2019, XRCVC was invited by Vision Empower to train its staff and volunteers to create accessible Science and Maths content for the visually impaired. Vision Empower is incubated in IIIT Bangalore.
- During the year, a team from XRCVC also visited IIT Madras to provide inputs on the assistive technology laboratory they are working on.
- The centre also held a meeting with Desai Foundation for Change to discuss the working of the resource centre at Swami Vivekanand College.
- During the year, XRCVC worked with Drishti on potential collaborations in the area of inclusion in classrooms.
- The centre also held discussions with the Maharashtra Dyslexia Association and Unique Ability Consulting on spreading awareness among educational institutions about the needs of students with disability.
- The XRCVC, through the year, continued its ongoing pioneering work in the area of mathematics and science education. Students were provided direct support services. The centre created accessible electronic textbooks, Teaching-Learning Aids (TLAs), and provided conceptual training to these students. In addition, it continued to build on its Teaching-Learning-Aids (TLA) resource library for mathematics and science education, starting Std 1 onwards.



Awareness workshops at Xavier's Institute of Communication, IITGn, and Jaipur

- Ongoing work continued on the production of Concept Teaching Manuals (CTMs), which have been designed for use by teachers working with blind or low vision students. Special educators or parents working on a one-on-one basis, as well as classroom teachers and tuition teachers in an inclusive classroom can incorporate the information and ideas from these manuals. These CTMs cover interactive ways to teach concepts to blind or low vision students including the use of Teaching-Learning Aids (TLAs) in the form of activities, real objects, 3D educational toys and models, 2D tactile diagrams, etc.

- I for Inclusion training sessions were conducted by XRCVC during the year for numerous stakeholders.
- XRCVC continued to give critical inputs to the Bangalore-based company Tactopus, which creates tactile graphics, and also has an interactive audio companion through a smartphone app, that makes it possible for blind children to learn independently.
- XRCVC worked closely with IIT Kanpur to make their laboratories more accessible, and Helped Ashoka University (Sonapat) and St. Andrews College (Mumbai) to build their resource services.
- The centre shared tactile diagram guidelines with the National Atlas and Thematic Mapping Organization (NATMO) and also held a meeting with NATMO's director.
- The centre also worked with ATMA, Next Genius LD Workshop Consultants, Curry College, and Foreman School on inclusion-related activities.
- The centre initiated a conversation with Thinker Bell Labs for a possible partnership. Thinkerbells Labs works in the area of inclusive education and is driven by intuitive engineering and design.

Personal and Career Guidance

Guidance was also provided to members and their families across disabilities to identify needs, interests and aptitudes as also troubleshoot and cope with concerns.



From left: A workshop in Chennai; an assistive device for low-vision users being tested in XRCVC; students from Podar School, Mumbai during a visit to XRCVC

Scholarships

Recognising the high costs for higher education and assistive technologies, the XRCVC provides scholarship and access technology lending schemes to deserving students. New higher education avenues have been pursued by students with disability over the last decade. Along with new opportunities come new costs of higher education courses. Similarly, while assistive technologies and computers have provided immense aid to disabled students, what is often considered a luxury for those without disabilities is a necessity for the disabled. In June 2019, during the third anniversary of XRCVC-Viviana Extension in Thane, laptops and smartcanes were distributed to deserving candidates as part of the centre's IT lending scheme.

The Lions Club of East Bombay Scholarship for the year was awarded to Gouri Bhuyan for being the most deserving visually impaired student graduating from St Xavier's College, Mumbai.

Training

The XRCVC imparts training in Computers, the use of specific assistive devices, Braille, Orientation & Mobility, Maths & Science, English language, and Life skills through various training programmes. These are available for diverse learner groups – disabled persons, special educators, teacher trainers, and other stakeholders.

Training sessions during 2018-19 included customised workshops by various members of the XRCVC team including Calveena D'Sylva, Rebecca Carvalho, Vikas Dabholkar, Neha Trivedi, Sushil Pandit, Shizanne D'Mello, Keshavan Nadar, Krishna Warriar, and Elisha Lopez. These training sessions were held at XRCVC and XRCVC-Viviana Extension as well as at other locations across the country. Through the year, the XRCVC's training services reached out to 1496 persons (see Table 1).

Table 1: Training Services June 2018 – May 2019

Direct Training	No of beneficiaries	Indirect (Stakeholder) Training	No of beneficiaries
Computer & Assistive Technology (AT)	196	Indirect Stakeholder Training	205
English	10		
Orientation and Mobility	27		

Direct Training	No of beneficiaries	Indirect (Stakeholder) Training	No of beneficiaries
Activities of Daily Living	8		
Education Support (Including Mathematics & Science)	220		
Guidance Support	720		
Inclusion Cell	110		
Total	1291		
		Total	1496

B. Accessibility Solutions and Inclusion Services

Alongside Education Access, XRCVC's advocacy initiatives work in three main areas to create accessible environments: Print Access, Financial Access, and Independent Living.

Print Access

During this period, the XRCVC produced 50 accessible books (totaling 5400 pages) in addition to 1692 Word pages of class notes. All accessible DAISY titles are uploaded onto a national accessible online library (sugamyapustakalaya.in).



From left: Reading Without Seeing workshops in Chiplun and Satara; smart cane usage training being conducted in XRCVC

Some of the activities conducted under the Print Access initiative during the year are appended below.

- XRCVC continued to work closely with Benetech, a global non-profit social entrepreneurial venture harnessing the power of technology for social benefit on many print access-related initiatives, and also followed up with vendors who could create accessible books. In August 2018, Brad Turner, VP and GM, Global Education and Literacy, Benetech visited the centre to discuss common initiatives.
- Accessible Book Production Standards 1.3 trainingsessions were conducted regularly during the year by XRCVC for numerous stakeholders.
- Through the year, XRCVC provided support and feedback to many organizations which were conducting research on Refreshable Braille Display devices. These included Innovision, a startup from IIT Bombay which successfully launched its Refreshable Braille Display device named BrailleMe, IIT Delhi's Assistech, Orbit Research, Dot Incorporation - Korea, and a group of students from Don Bosco Institute of Technology.
- During the year, Dr Taraporevala, Director, XRCVC, attended the Daisy Forum of India (DFI) board meeting and regularly participated in con-calls for various committees of the DFI, including the publisher committee, higher education committee, and periodicals committee.

Reading Without Seeing

The XRCVC had launched an extremely effective national-level awareness programme in 2012 under the banner of 'Reading Without Seeing', which takes access technologies to blind and low-vision users across locations, and ignites in its audiences the curiosity and basic knowledge to begin their journey of accessing the printed word independently. The programme equips participants with the basic knowhow of a host of assistive technologies.

The programme gained added momentum this year with 15 workshops reaching out to 402 persons (see Table 2) in locations as diverse as Chiplun, Satara, Pune, Kolhapur, Dhule, Thane and Mumbai. These workshops were conducted by the XRCVC team comprising Sushil Pandit, Keshavan Nadar, Aniket Gupta, and Vikas Dabholkar.

Table 2: Reading Without Seeing (RWS) Workshops (June 2018 – May 2019)

No.	Date	Organisation Name	Venue	Participants
1	26-6-18	Helen Keller – Mahape	XRCVC Viviana Extension (Thane)	15
2	28-8-18	Pragnya Centre of SIES	XRCVC Viviana Extension (Thane)	13
3	13-10-18	NAB Dhule	Dhule	28
4	14-10-18	NAB Dhule	Dhule	18
5	13-11-18	NAB Worli– Teacher Trainees	XRCVC Viviana Extension (Thane)	29
6	2-12-18	Brahamashram, Kolhapur	Kolhapur	26
7	2-12-18	Brahamashram, Kolhapur	Kolhapur	30
8	16-1-19	Pune TTI	Pune	28
9	17-1-19	Pune TTI	Pune	26
10	21-2-19	Lions NAB Satara	Satara	29
11	22-2-19	Lions NAB Satara	Satara	26
12	24-2-19	Maratha Mandir Night School	XRCVC Viviana Extension (Thane)	22
13	16-3-19	ACTC – TCS Maitree	XRCVC Viviana Extension (Thane)	20
14	31-3-19	NAB Chiplun	Chiplun	62
15	17-5-19	NAB – DOR Teenager group	XRCVC Viviana Extension (Thane)	30
Total				402

Testing and Research

During the year, XRCVC tested a number of devices / software for accessibility like the new version of Google Drive with NVDA, Amazon Alexa with latest updates at Echo Dot, My JIO app, Moto G 3rd Generation, Alexa (new features) and M-Indicator App with Talkback among others.

Financial Access

The ability to independently manage, operate and execute one’s financial transactions is key to independent living. Lack of effective guidelines and lack of optimum use of technology in financial instruments has traditionally denied financial access to blind and low vision persons. The XRCVC has been striving to change this reality.

- During the year, XRCVC worked with Paytm, Reliance Jio, State Bank of India, Bank of Baroda, etc. to make their Apps accessible.
- The centre also collaborated with SEBI to organise a workshop on investing for persons with disability in November 2018.



From left: Awareness workshops in Sophia College and for a group of volunteers in Vile Parle; assistive technology on display at an exhibition in Standard Chartered Bank

- During the year, XRCVC collaborated closely with the State Bank of India’s Centre of Excellence (CoE), providing inputs for its various projects and programmes. The Centre of Excellence for PwDs is one of the SBI Foundation’s flagship programmes. It was conceptualised with a goal to be a centralised support centre for persons with disabilities. It primarily works on empowering PwDs through skill enhancement to make significant and measurable improvement that enables individuals to enjoy a more productive and satisfying life by optimising their cognitive, physical, social and vocational functioning.
- In October 2018, Sai Bhagat and Prashant Naik presented a poster on talking ATMIndia.org on behalf of XRCVC at the Empower 2018 conference in Sonapat, Haryana.

Independent Living

Each of us, as we pass through our day, interact with a range of products, environments and services from transport services, to kitchen appliances, and entertainment products. How accessible are these daily living services and products for the visually challenged? The XRCVC's Independent Living initiative questions and works towards rectifying shortcomings in these areas. Some of the activities covered under this initiative during the year are appended below:

- Collaborated with accessibility expert Parul Kumthato conduct an Accessibility Audit of St Xavier's College (Autonomous).
- Collaborated with XL Cinema Apps and Viviana Cinepolis, Thane to organize an audio-described screening of the film 'Sanju' in July 2018.



From left: Two I for Inclusion sessions and an awareness workshop at St Stephen's College

- Collaborated with Hinduja Hospital to organize two workshops for visually impaired persons on 'How to administer Cardio Pulmonary Resuscitation (CPR)' during medical emergencies.
- Worked with CSMVS Museum, Mumbai on accessibility initiatives.
- Worked with Adventures Beyond Barriers (Pune) and DOW Chemicals Mumbai on the on-boarding of a few visually impaired employees in DOW.
- Followed up with officials from the BEST on Onboard, a bus identification system for the visually impaired.
- Provided inputs to Tech Mahindra on creating a Job Training Strategy for Visually impaired persons.
- Provided inputs to Orcam – an Israeli company working on assistive technology for visually impaired persons which has developed a device named MyEye.
- Provided inputs to the Navi Mumbai Municipal Corporation on how to set up a resource centre.
- Collaborated with Social Alpha, an organisation that is building a programme and a platform for assistive technology-based solutions that empower people with disabilities.
- Provided inputs to students from Xavier's Institute of Engineering for their Accessibility Projects.
- Collaborated with Saksham, Enable India and Bookshare for the See A Million programme, a unique time-bound outcome-based mission focusing on digital empowerment of one million persons with vision impairment by 2025.
- During the year, XRCVC continued ongoing research and development work on visual / auditory / tactile teaching-learning aids and other independent living aids. Worked on integrating diverse technologies which could create a composite system to read through fingers, see through eyes, or hear through ears. The research also has immense potential for the teaching-learning process as it can promote paired reading and can assist a non-Braille literate person to function effectively.



From left: A magnifier being demonstrated to a person with low vision; an assistive technology exhibition in Reliance Jio; Braille Day being celebrated in Viviana Mall

C. Awareness

Creating awareness about the lives and capabilities of visually impaired persons and those with other disabilities is one of the key areas that will open doors for them in a world where the rules are made for and by persons without disabilities.

The XRCVC has been working on a number of such initiatives through its mega awareness and sensitization event Antarchakshu' —The Eye Within. This year, Antarchakshu' took on a new avatar — Antarchakshu' 2.0. The aim of Antarchakshu' 2.0 was to combine the power of bespoke workshops in a marathon run reaching out to larger numbers at the location of participants.

Under this initiative over around 35 need-based sensitization and awareness workshops were conducted during the months of February-March 2019, reaching out to 1190 diverse stakeholders such as college students, corporates, professionals and the public at large.

This approach ensured that the session reached the participant, reducing the need for participants to commute, thus making available flexible and customized workshops for target audiences, all leading to a basic premise of how every individual can contribute towards #CreatingAnAccessibleWorld.

During the year, a total of 93 awareness events (including Antarchakshu') were conducted at many places and for a variety of target groups, covering 3552 beneficiaries.

Some of the other awareness initiatives conducted by XRCVC during the year are appended below:

- Dr Taraporevala addressed over 225 participants at a seminar on the theme 'Explore, Experience and Empower' at Dhirubhai Ambani International School, Mumbai in September 2018.
- He was Keynote Speaker at Sameeksha 2019 — a student festival at the Tata Institute of Social Sciences, Mumbai in February 2019.
- He was also invited as chief guest for the annual day function of Snehankit, a non-government organization working towards empowering visually impaired youth.
- During the year XRCVC developed and conducted a unique course called 'Diversity Discourse' at the Xavier's Institute of Communication (XIC). The objective was to sensitize participants to the many communities that society implicitly and explicitly ignores, and make a case for why it is necessary to bring these communities into mainstream public discourse. The content was imparted mainly through interactive workshops to over 250 students at XIC.
- In July 2018, XRCVC was invited by IIT Gandhinagar (IITGn) to conduct 7 sensitization workshops as part of the 'Foundation Program' for freshman students. Around 190 students benefitted from the same. A team from XRCVC also held discussions with Prof Jason, Dean of Students Affairs, about inclusion practices at IIT Gandhinagar.
- Likewise, in October 2018, XRCVC conducted 7 awareness workshops at St Stephen's College, Delhi organized by 'Parivartan', a student body.
- XRCVC conducted a lecture on accessibility in August 2018 at St Xavier's College for 60 students pursuing the BScIT course.
- The Student Inclusion Cell of St Xavier's College organized a screening of the film 'Wonder' to spread the message of inclusion.
- An awareness workshop on Assistive Technology was conducted at Standard Chartered Bank, Mumbai in October 2018.
- Two sensitization and awareness workshops were conducted in October 2018 during the Empower 2018 Conference in IIT Delhi's Sonapat campus.
- Sensitisation workshops were also conducted for Lilavatibai Podar High School, Reliance Jio, Snehankit, Jesuit Scholastics, Wilson College, Sophia College, IITB-Monash Research Academy, Thakur College, Viviana Mall.
- On January 4, on the occasion of World Braille Day, an access technology exhibition was organized by XRCVC at Viviana Mall.
- A workshop on STEM education was organized in March 2019 at St Xavier's College for members of the Blind Graduates Forum of India (BGFI)

Conclusion

We would like to extend our gratitude to our funders, partners, and sponsors who have played a major role in making us what we are today.

We would like to specially thank Great Eastern CSR Foundation, Dhun Pestonji Parakh Discretionary Trust, Sightsavers, State Bank of India, Godrej Industries Ltd, Sir Jamsetji Jejeebhoy Parsee Benevolent Institution, SBIMF, Sheth Developers and Realtors, BLAQ, BPCL, Tech Mahindra Foundation, Dinamai Antia Charitable Trust, Tata Sons Ltd, The Executors & Trustees of the Estate of Late Shirinbai K Doongaji, Lions Club of East Bombay, Suryavanshi Ads & Promotions LLP, Ms Violet Eustace, Ms Vahbiz H Pestonjamasp, and Ms Persis H Pestonja masp.

A big thank you to our large pool of volunteers as well. Their commitment ensures that a small organization like the XRCVC is able to make a significant contribution and touch the lives of countless people all over the country.

In conclusion, our deep appreciation goes out to St. Xavier's College—the management, staff members and students — for demonstrating to educational institutes all over the country how a centre of learning can be truly inclusive to persons with disabilities. Special thanks to Dr Rajendra Shinde, the principal, whose ongoing support and guidance has helped the XRCVC continue as a centre of excellence of national repute.

Dr. Sam Taraporevala
Director, XRCVC

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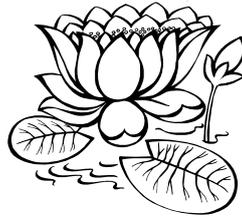
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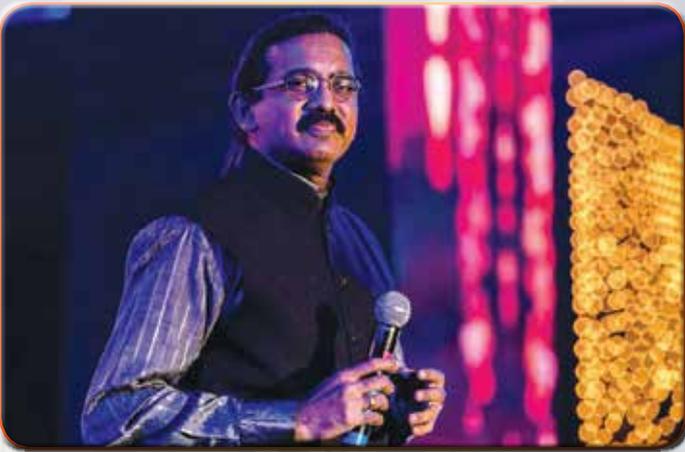




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