



ST. XAVIER'S COLLEGE

(AUTONOMOUS)

5, Mahapalika Marg, Mumbai - 400 001,
INDIA.

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❖ Minutes and/or Resolutions of Board of Studies meetings held in the last five years for:

• Department of Botany

Programme/s: Botany courses for

1. BSc Botany Biochemistry
2. BSc Botany Zoology
3. MSc Botany

• Summary

Academic Year	Dates of BoS meetings	Revision in syllabus
2019 - 2020	06-03-2020	✘
2018 - 2019	15-03-2019	✓
2017 - 2018	24-03-2018	✓
2016 - 2017	--	✘
2015 - 2016	11-03-2016	✓
2014-2015	18-04-2015	✓



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2019-2020



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Department of Botany, St. Xavier's College, Mumbai
Minutes of the meeting - Board of the Studies- 8th March 2020

Meeting started at 3.00 pm. Mr. Alok Gude started with a brief introduction of all the members present in the meeting.

Ms. Simran (TYBSc) gave a overall view of the subject taught in FY, SY & TYBSc. She pointed out that there should be more practical and field work in ecology paper. Also workshop and classes on Herbarium technique will be useful. There should be more time given to perform and complete project report. Alumni interactions should be organized every year so the we can get the updated & current information about the subject and career.

Dr. Vijaya Lobo elaborated on project work for TYBSc. Due to space, chemical and time management project can only be done in a single semester. From next time onwards TYBSc project proposal and requirements needs to be submitted at the end of SYBSc before going for vacation. If possible, Summer & Diwali vacations can be utilized for doing project work.

Dr. Rajendra Shinde also added on some of the ecological projects which can be taken, like flowering pattern of any species across different areas and correlating it with change in Light/ or temp etc.

Dr. Harinder Singh suggested that Scientist from BARC can come on Saturday & take guest lectures.

Dr. Vijaya lobo raised a query regarding paper SBOT0601 unit 1 in which topics like phosphate & cation assimilation are making the unit too heavy, so if possible, can we remove the said topics. Also, Paper SBOT0804 & Unit 1 is lighter, so can we add any topics to it. (suggestion to be given by Sangeeta Godbole or Nitin Labhane)

Dr. Harinder Singh suggested that removal of topics like phosphate & cation assimilation from of SBOT0601 unit 1 can be done.

Dr. Rajdeo Singh suggested that MSBOT1002 and MSBOT1004 has plant families out of which many families don't occur (Hard to get material for practical's) after Diwali vacation. So, if possible, transfer those families in odd semester so that they can be studied with proper material.

Dr. Rajendra Shinde suggested to sort families according to season and shift MSBOT1004 families to MSBOT0904 unit 4 along with the practical's and vice versa. He also suggested that college website need to be updated as it is still showing old data with respect to MSc specialization. He also suggested that instead of learning objectives at the start of every paper needs to be replaced by program objective & its outcomes. Also, soon botany dept need to start TYBSc majors where there will be 4 core paper and 2 elective (applied) papers. Elective paper can be chosen from any subjects like Biostats, Horticulture, Bioinformatics, Information technology, etc.

Mr. Alok Gude pointed that we should avoid major changes to be done every year to maintain stability, while major changes are possible after every 3 years only.

continued ---

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Botany department is planning to start a new certificate course in Garden & Landscape.

Dr. Rajendra Shinde asked for a detailed budget & proposal so that it can be put forward in front of the committee for approval. Each & every detail should be provided on the brochure or application.

Queries raised regarding certificate course:

What should be the credit allotted to certificate course? According to UGC, Theory should have 12 credits & Practical will have 8 credits. For theory, 1 credits = 15 hours while practical's, 1 credit = 30 hours.

Lecture has to be conducted in St. Xavier's College rather than Bandra, to attract good participants.

Course fees should be including GST.

75% attendance should be compulsory for all course participants. If someone fails to get 75% attendance the no certificate will be issued.

Budget is to be shown to Treasure office for any corrections.

How many hours on Saturday (Post lunch) & Sunday will be utilized for taking lectures & Practical's?

Assignments can be considered as practical hours.

What is the range of credit course (Minimum & Maximum credits required)?

Whether vacations can be used utilized for taking course

Cancellation policy should be mentioned.

After finalizing the course structure there will be a MOU between St. Xavier's College & L.S. Raheja School of Architecture.

Xavier's share should be more than Raheja school, since Xavier's campus will be conducting the course and other things (Admission/lecture/coordination/marketing/infrastructure) is shared between the two.


Minimum participants should be 25 with fees ----- & maximum of 30 people can be accommodated in 1 batch.

Mr. Minesh Chainani said he will review it with ----- Madam and get it back on Monday (9th March 2020)



NAAC SSR Cycle 4 (2015-2020):

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The meeting of members of Board of Studies in Botany was held on Friday 6th March 2020 in Blatter Herbarium, Department of Botany, St. Xavier's College at 3.00pm. Following members were present for the meeting and passed the resolution that 'The Subject Board in Botany for St. Xavier's College (Autonomous), hereby approves the minor changes in the syllabus of the BSc and MSc for implementation from the Academic Year 2020-2021'.

1. Dr. Rajendra D. Shinde
Chairman, BOS,
Principal, St. Xavier's College, Mumbai.
R. Shinde
6/3/2020
2. Mr. Kevin D'Cruz
Faculty, Dept. of Botany.
K. D'Cruz
3. Mr. Alok Gude
Faculty, Dept. of Botany.
A. Gude
06/03/2020
4. Dr. Vijaya Lobo
Faculty, Dept. of Botany.
V. Lobo
6/3/2020
5. Dr. Rajdeo Singh
Faculty, Dept. of Botany.
R. Singh
6/3/2020
6. Dr. P. G. Borkar
Subject Expert non-parent University
Department of Plant Pathology,
Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.
7. Dr. Harinder Singh
Subject Expert non-parent University
Biological Sciences, Sunandan Divatia School of Science,
SVKM's NMIMS (Deemed to be University), Mumbai.
H. Singh
8. Dr. G.T. Paratkar
Professional from Industry
Director, R & D, Neutrahelix Biotech, Pvt. Ltd.
9. Sr. Shyly Sebastian Rosamma (Sr. Vijaya) *S. Rosamma*
Meritorious alumnus
Principal, Rosary High School, Mazgaon, Mumbai.
10. ^{for} Prof. Urmila Rajadhyaksha *U. Rajadhyaksha*
Expert from outside the college
Head, M. Arch Landscape,
L. S. Raheja School of Architecture, Mumbai.
11. Ms. Simrin Patrao *S. Patrao*
Student Representative
12. Ms. Maribelle Viana *M. Viana*
Student Representative



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R. Shinde
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1. Dr. Rajendra D. Shinde
Chairman, BOS,
Principal, St. Xavier's College, Mumbai.
2. Mr. Kevin D'Cruz
Faculty, Dept. of Botany,
3. Mr. Alok Gude
Faculty, Dept. of Botany.
4. Dr. Vijaya Lobo
Faculty, Dept. of Botany.
5. Dr. Rajdeo Singh
Faculty, Dept. of Botany.
6. Dr. P. G. Borkar
Subject Expert non-parent University
Department of Plant Pathology,
Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,
7. Dr. Harinder Singh
Subject Expert non-parent University
Biological Sciences, Sumandan Divatia School of Science,
SVKM's NMIMS (Deemed to be University), Mumbai.
8. Dr. G.T. Paratkar
Professional from Industry
Director, R & D, Neutrahelix Biotech, Pvt. Ltd.
9. Sr. Shyly Sebastian Rosamma (Sr. Vijaya)
Meritorious alumnus
Principal, Rosary High School, Mazgaon, Mumbai.
10. ^{for} Prof. Urmila Rajadhyaksha
Expert from outside the college
Head, M. Arch Landscape,
L. S. Raheja School of Architecture, Mumbai.
11. Ms. Simrin Patrao
Student Representative
12. Ms. Maribelle Viana
Student Representative

Shinde
6/3/2020

K. Cruz

A. Gude
6/3/2020

V. Lobo
6/3/2020

R. Singh
6/3/2020

H. Singh

S. Rosamma

Urmila
Minestr. Chairmani

S. Patrao

M. Viana

Shinde

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2018-2019



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Department of Botany
St. Xavier's College (Autonomous), Mumbai-1

Attendance record of the Board members who were present at the meeting held on 15th March, 2019,
in the Department of Botany at 3.00 pm.

1. Dr. Rajendra D. Shinde
Chairman, BOS

R. Shinde
15/3

2. Dr. Ambika Joshi
Head, Dept. of Botany, Jai Hind College, Mumbai

3. Prof. Kevin D'Cruz
Member

K. D'Cruz
15/3

4. Mr. Alok Gude
Member

A. Gude
15/3/19

5. Professor. Dr. Sunita Shailajan
Subject Expert,
Dean and Head, Dept. of Botany,
R. Ruia College, Mumbai

S. Shailajan
15/03/19

6. Dr. Sangeeta Godbole
Subject Expert
Dept. of Botany, Jai Hind College, Mumbai

S. Godbole
15/3/19

7. Dr. Nitin Labhane
Subject Expert
Dept. of Botany, Bhavan's College, Mumbai

N. Labhane
15/3

8. Dr. G.T. Paratkar
Professional from Industry
Director, R & D, Neutrahelix Biotech, Pvt. Ltd.

G.T. Paratkar
15/3

9. Dr. Merwyn Fernandes
Professional from Industry
Coordinator, TRAFFIC India.

10. Mr. Sudipta Kalita
Student Representative

S. Kalita
15-3-19

11. Ms. Anwesa Dutta
Student Representative

A. Dutta
15/3/19



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Minutes of BOS meeting

Date: 15.03.2019

The end semester exam papers of BSc and MSc were shown to the board members and their suggestions were taken to improve the quality of questions asked. The feedback given on previous question papers was good as well as there were some places which required improvement. It was also suggested by board members to ask questions which will make the student think and write. It was then seen that many papers are different and some require more understanding questions whereas others require more knowledge based questions.

A new course SBOT0901 was introduced only titled 'Biostatistics' and the earlier course titled 'Biostatistics, Bioinformatics and Nanotechnology' which included even scientific writing was removed. The topics of bioinformatics and nanotechnology were shifted to another course titled 'Applied Botany'.

A unit of 'fungi and lichens' which included type study of some important fungi was added to course SBOT0902.

A new course SBOT0903 titled 'Applied Botany' was created which included topics of bioinformatics, nanotechnology, tissue culture and plant breeding, microbiology and phytoremediation. The earlier course titled 'Horticulture' which was conducted in place of this was totally removed from the syllabus. The decision was taken because it was seen that all the topics in the earlier course were thoroughly done in the applied component of Mumbai university Botany syllabus, and so there was nothing new for students to learn.


The course SBOT1001 was modified slightly by adding the topic on 'scientific writing' which was there in another course previously. Some topics studied under 'centrifugation' were removed, and other topics on 'Aseptic techniques' of microbiology were added.

It was suggested and then decided to keep a 100 marks project instead of 50 marks.

It was suggested by members to emphasize more on behavioural ecology, develop liking of students towards chemistry, bring topics where the syllabus can be linked to industry, avoid repetition of syllabus, add the chemical profile of plants, add Dunnet's square in biostatistics, shift forestry and economic botany from course 0903; add extraction of secondary metabolites, validations of instruments, case study on ethnobotany, landscaping- autocad software, shenzen code to angiosperms paper, new foods-nutraceuticals, and some minor things.



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DEPARTMENT OF BOTANY ST. XAVIER'S COLLEGE (AUTONOMOUS)

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The meeting of members of Board of Studies in Botany was held on Friday 15th March 2019 in Blatter Herbarium, Department of Botany, St. Xavier's College at 3.00 p.m. Following members were present for the meeting and passed the resolution that 'The Subject Board in Botany for St. Xavier's College (Autonomous), hereby approves the changes in the syllabus of the M.Sc-II for implementation from the Academic Year 2019-2020'.

1. Dr. Rajendra D. Shinde
Chairman, BOS

R. Shinde
15/3/19

2. Dr. Ambika Joshi
Head, Dept. of Botany, Jai Hind College, Mumbai

3. Prof. Kevin D'Cruz
Member

K. D'Cruz
15/3/19

4. Mr. Alok Gude
Member

A. Gude
15/3/19

5. Professor. Dr. Sunita Shailajan
Subject Expert (University Nominee),
Dean and Head, Dept. of Botany,
R. Ruia College, Mumbai

S. Shailajan
15/03/19

6. Dr. Sangeeta Godbole
Subject Expert
Dept. of Botany, Jai Hind College, Mumbai

S. Godbole
15/3/19

7. Dr. Nitin Labhane
Subject Expert
Dept. of Botany, Bhavan's College, Mumbai

N. Labhane
15/3/19

8. Dr. G.T. Paratkar
Professional from Industry
Director, R & D, Neutrahelix Biotech, Pvt. Ltd.

G.T. Paratkar
15/3

9. Dr. Merwyn Fernandes
Professional from Industry
Coordinator, TRAFFIC India.

10. Mr. Sudipta Kalita
Student Representative

S. Kalita
15-3-19

11. Ms. Anwesa Dutta
Student Representative

A. Dutta
15/3/19

R. Shinde

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2017-2018



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24th March 2018

**DEPARTMENT OF BOTANY,
ST. XAVIER'S COLLEGE (AUTONOMOUS), MUMBAI- 01**

The meeting of members of Board of studies in Botany was held on Saturday, the 24th March 2018, in Board Room, St. Xavier's College (Autonomous), Mumbai, at 3.00pm. Following members were present for the meeting.

1. Dr. Rajendra Shinde
Chairman, BOS *R. Shinde*
2. Dr. Ambika Joshi
Head, Dept. of Botany, Jai Hind College, Mumbai
Convener, Ad-hoc BOS in Botany, University of Mumbai *A. Joshi*
3. Mr. Kevin D'Cruz
Member *K. D'Cruz*
4. Mr. Alok Gude
Member *A. Gude*
5. Prof. Dr. Sunita Shailajan
Subject Expert
Dean and Head, Dept. of Botany,
R. Ruiz College, Mumbai *S. Shailajan*
6. Dr. Sangeeta Godbole
Subject Expert
Dept. of Botany, Jai Hind College, Mumbai *S. Godbole*
7. Dr. Nitin Labhane
Subject Expert
Dept. of Botany, Bhavan's College, Mumbai *N. Labhane*
8. Dr. G. T. Paratkar
Professional from Industry
Director, R & D, Naturahelix Biotech, Pvt. Ltd.
9. Dr. Merwyn Fernandes
Professional from Industry
TRAFFIC India
10. Ms. Shreya Dimri
Student Representative *Shreya*
11. Ms. Zoofishan Kazi
Student Representative



R. Shinde

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Minutes of BOS meeting

Date: 24.03.2018

For all these years there were two specialization for MSc i.e. (a) Angiosperms, (b) Plant Physiology. It was decided to continue with only one specialization for MSc i.e. 'Angiosperms', due to staff crunch and non-fulfilment of a complete batch which will result in non-sanctioning of teaching post.

Changes were made only in the odd semester of BSc and MSc Botany.

It was informed in the meeting that college has decided in 'Academic Council meeting' to rename the course codes of MSc from MS.BOT.1.01 to MS.BOT.7.01 onwards, as a continuation after 6th Semester of TYBSc, thus implying that the 1st semester of MSc is actually the 7th semester after graduation.

The portion of microbiology was removed from unit-I of course S.BOT.1.01 and the unit was named only as 'Algae' instead of 'Microbiology and Algae'. Also from unit-II of course S.BOT.1.02 families Malvaceae, Euphorbiaceae were removed, and from unit-III of the same course some topics on mechanical tissue system were removed.


In course S.BOT.3.02 from unit-I, the chemiosmotic theory was removed, and from unit-III regulation of photorespiration was removed.

From course S.BOT.5.01, the unit-I on linkage and crossing over was removed and the existing unit on biotechnology was expanded into two separate units.

On the suggestions given by board members and other experts earlier, the two units of MS.BOT.7.01 of MSc-I on fungi were shifted to MSc-II and instead two units of Bryophyte from Semester-II were included, so the name of the course changed from 'Algae and Fungi' to 'Algae and Bryophytes'. The suggestion was given because the growing season of bryophytes is during monsoon and it will be easier to get the needed plant material during first semester. Due to shuffling of the topics, the course MS.BOT.7.02 which had a unit of gymnosperms earlier, was removed so the paper represented on the 'Angiosperms' instead of 'Gymnosperms and Angiosperms'. The new unit on 'evolution, variation and speciation, concept of species, biotypes, and concept of characters' was introduced. Also the course MS.BOT.7.03 had removal of unit on 'Enzymes' and addition of unit on 'Secondary metabolites'. Similarly the course MS.BOT.7.04 had minor changes by addition of topics on 'improvement of nutritional content and quality' and 'Plants as bioreactors'.



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DEPARTMENT OF BOTANY

The meeting of members of Board of studies in Botany was held on Saturday, the 24th March 2018, in Board Room, St. Xavier's College (Autonomous), Mumbai, at 3.00 p.m. Following members were present for the meeting and passed the resolution that 'The Subject Board in Botany for St. Xavier's College, Autonomous, hereby approves the syllabus of the B.Sc and First Semester Course for M.Sc.I Botany, which are being implemented from the Academic Year 2018-2019'.

1. Dr. Rajendra Shinde
Chairman, BOS

R. Shinde
24/3

2. Dr. Ambika Joshi
Head, Dept. of Botany, Jai Hind College, Mumbai
Convener, Ad-hoc BOS in Botany, University of Mumbai

A. Joshi
24/3

3. Mr. Kevin D'Cruz
Member

K. D'Cruz
24/3

4. Mr. Alok Gude
Member

A. Gude
24/3/18

5. Prof. Dr. Sunita Shailajan
Subject Expert
Dean and Head, Dept. of Botany,
R. Ruia College, Mumbai

S. Shailajan
24/03/18

6. Dr. Sangeeta Godbole
Subject Expert
Dept. of Botany, Jai Hind College, Mumbai

S. Godbole
24/3/18

7. Dr. Nitin Labhane
Subject Expert
Dept. of Botany, Bhavan's College, Mumbai

N. Labhane

8. Dr. G. T. Paratkar
Professional from Industry
Director, R & D, Nutrabelix Biotech, Pvt. Ltd.

9. Dr. Merwyn Fernandes
Professional from Industry
Coordinator, TRAFFIC, India.

10. Ms. Shreya Dimri
Student Representative

S. Dimri
24/03/18

11. Ms. Zoofishan Kazi
Student Representative

Z. Kazi



R. Shinde

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2016-2017



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2015-2016



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Department of Botany
St. Xavier's College (Autonomous), Mumbai-1

Attendance record of the Board members who were present at the meeting held on 11th March, 2016,
in the Department of Botany at 3.00 p.m.

1. Dr.(Mrs.) Ujwala C. Bapat
Chairman, BOS

2. Dr. Mrs Usha Mukundan
Chairman, BOS in Botany,
University of Mumbai

3. Prof. Kevin D'Cruz
Member

K. Cruz

4. Dr. Rajendra Shinde
Member

R. Shinde
11/3/2016

5. Dr. (Mrs.) Daya Tilwe
Subject Expert

D.A. Tilwe
11/3/16

6. Dr. (Mrs.) Padma Panikkar
Subject Expert

P. Panikkar
11/3/2016

7. Dr. M. R. Almeida
Subject Expert

8. Dr. G.T. Paratkar
Professional from Industry

9. Mr. Mahesh Jagtap
Professional from Industry

10. Ms. Lapakshi R. B.
Student Representative

Lapakshi R. B.

11. Ms. Duhita Naware
Student Representative

Duhita Naware



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Minutes of BOS meeting

Date: 11.03.2016

The topic of pollen viability and storage, causes for loss of pollen viability, tests for pollen viability, pollen storage, germination and growth of pollen tube and factors affecting pollen tube growth were removed from unit-III of course S.BOT.3.03.

It was suggested to remove family Commelinaceae from unit-II of S.BOT.4.02.

The topic of electron microscope was removed from unit-II of S.BOT.4.03.

The topics of phytogeography- plant distribution, theories of plant distribution, static phytogeography, endemism, major biomes of the world, minor biomes, phytogeographical regions of India were removed from unit-IV of S.BOT.6.02 and instead other topics were added on 'Forest Conservation act, 1980; Indian Forests Act (Revised) 1980; The Indian Wildlife protection Act- 1972 amended 1991'.

Following the suggestions of board members, in MSc-I Botany Sem-I course MS.BOT.1.01, the topic of study of life cycle of *Scytonema*, *Volvox*, *Ulothrix*, *Gracillaria* and *Padina* were added. Also the topic on Lichens was shifted from unit-III to unit-IV. Also in unit-III type study of *Penicillium*, *Claviceps*, *Stemonitis* and *Trichoderma* were added. The topics of diseases with reference to symptoms, causal organism and diseases cycle and control measures of Citrus canker, loose smut of wheat, early blight of potato, were removed from unit-IV. It was suggested that these topics on plant disease can be shifted to the course 'Plant Pathology' which is in semester III. This will avoid mixing of different topics and club together similar topics.

Similar minor changes were made in MS.BOT.1.02, the topics on 'delimitation of taxa and attribution of rank' along with topics on 'evolution, variation and speciation' were shifted from unit-II to unit-III. Also the families Boraginaceae, Liliaceae, and Asteraceae were removed from unit-IV.

Type study of genus *Targionia*, *Notothallus*, *Polytrichum*, *Porella* were introduced in unit-I of course MS.BOT.2.01, and other topics on 'distribution, morphological, reproductive studies and comparative account of gametophytes, sporophytes and interrelationships of the groups were removed from unit-I. Also the comparative account of orders of pteridophytes were replaced by type study of *Osmunda*, *Marsilea*, *Ophioglossum*, *Azolla*.


The topics on pollen tube growth and guidance of unit-IV of course MS.BOT.2.02 was removed as the unit was becoming too big.

In course MS.BOT.3.05, the unit-III on carbohydrate metabolism was renamed as 'plant metabolism' and few topics on interaction between various pathways, mitochondrial metabolism were added to it.

The unit-II named as 'mineral nutrition-II' was removed from course MS.BOT.4.05, and instead a unit on 'Stress physiology' was added.



NAAC SSR Cycle 4 (2015-2020):
1_1_2_BoS Minutes - Botany


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DEPARTMENT OF BOTANY
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The meeting of members of Board of Studies in Botany was held on Friday 11th March 2016 in Blatter Herbarium, Department of Botany, St. Xavier's College at 3.00 p.m. The members present passed the resolution that 'We hereby approve the changes in the syllabi of the B.Sc (F.Y., S.Y. and T.Y.) and M.Sc. for implementation from the Academic Year 2016-2017'.

1. Dr.(Mrs.) Ujwala C. Bapat
Chairman, BOS

2. Dr. Mrs Usha Mukundan
Chairman, BOS in Botany,
University of Mumbai

3. Prof. Kevin D'Cruz
Member

K. Cruz

4. Dr. Rajendra Shinde
Member

R. Shinde
11/3/16

5. Dr. (Mrs.) Daya Tilwe
Subject Expert

D. A. Tilwe
11/3/16

6. Dr. (Mrs.) Padma Panikkar
Subject Expert

P. Panikkar
11/3/16

7. Dr. M. R. Almeida
Subject Expert

8. Dr. G.T. Paratkar
Professional from Industry

9. Mr. Mahesh Jagtap
Professional from Industry

10. Ms. Lapakshi R. B.
Student Representative

L. B.

11. Ms. Duhita Naware
Student Representative

D. Naware



R. Shinde



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2014-2015



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18th April, 2015

DEPARTMENT OF BOTANY

The meeting of members of Board of studies in Botany was held on Saturday, the 18th April 2015, in Department of Botany, St. Xavier's College at 3.00 p.m. Following members were present for the meeting.

1. Dr.(Mrs.) Ujwala C. Bapat
Chairman, BOS

Ujwala C. Bapat
18/04/15

2. Dr. Mrs Usha Mukundan
Chairman, BOS in Botany,
University of Mumbai

3. Prof. Kevin D'Cruz
Member

Kevin D'Cruz

4. Dr. Rajendra Shinde
Member

Rajendra Shinde
18/4

5. Dr. Marselin R. Almeida
Subject Expert

Marselin R. Almeida

6. Dr. (Mrs.) Behnaz Patel
Subject Expert

Behnaz Patel
18/04/15

7. Dr.(Mrs.) Manjula Pant
Subject Expert

Manjula Pant
18.04.15

8. Dr. G.T. Paratkar
Professional from Industry

G.T. Paratkar
18/04/15

9. Dr. Arvind Saklani
Professional from Industry

10. Mr. John Pottipadu
Student Representative

John Pottipadu

11. Ms. Srishty Singh
Student Representative

Srishty Singh



Shinde
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Minutes of BOS meeting

Date: 18.04.2015

The agenda of BOS was read which included, approval of minor changes in contents of syllabus, suggestions of board members in the changes, showing of past CIA and end semester question papers, and suggestions on the changes required in the types of questions asked.

It was suggested to remove Liliaceae family in course S.BOT.1.02 from unit-II and vascular tissue system: xylem and phloem from unit-III.

The genus *Alternaria* was removed from course S.BOT.3.01 unit-III.

In practical PR.501, it was suggested to add 2 experiments, i.e. separation of digested genomic DNA by agarose gel electrophoresis, and Isolation of Agrobacterium from soil sample.


The contents of two units of MSc-I course MS.BOT.101 were modified from gene regulation I and II to Cytogenetics and molecular biology with some changes.

In course MS.BOT.4.05, some extra topics in unit-I were deleted, and some portion from unit-II was moved to unit-I, similarly to fill the gap in unit-II, some relevant portion of unit-III was moved to unit-II.

In course MS.BOT.4.06, a topic on biosynthesis of Brasinosteroids, jasmonic acid and salicylic acid was added in unit-IV.

The previous question papers of last semester both MSc and BSc end semester and CIA exams were shown to the board members, it was suggested to include indirect question in the question paper.




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DEPARTMENT OF BOTANY
Members of BOS

1. Dr.(Mrs.) Ujwala C. Bapat
Chairman, BOS
2. Dr. Mrs Usha Mukundan
Chairman, BOS in Botany,
University of Mumbai
3. Prof. Kevin D'Cruz
Member
4. Dr. Rajendra Shinde
Member
5. Dr. (Mrs.) Behnaz Patel
Subject Expert
6. Dr.(Mrs.) Manjula Pant
Subject Expert
7. Dr. M. R. Almeida
Subject Expert
8. Dr. G.T. Paratkar
Professional from Industry
9. Vd. Shailesh Nadkarni, M.D. (Ayu)
Professional from Industry
9.
Student Representative
10.
Student Representative



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18th April, 2015

DEPARTMENT OF BOTANY

The meeting of members of Board of studies in Botany was held on Saturday, the 18th April 2015, in Department of Botany, St. Xavier's College at 3.00 p.m. Following members were present for the meeting and passed the resolution that 'The Subject Board in Botany for St. Xavier's College, Autonomous, hereby approves changes in the syllabus of the Third and Fourth Semester Courses for M.Sc. II Botany, which are being implemented from the Academic Year 2015-2016'.

1. Dr.(Mrs.) Ujwala C. Bapat
Chairman, BOS

Ujwala C. Bapat
18/04/15

2. Dr. Mrs Usha Mukundan
Chairman, BOS in Botany,
University of Mumbai

3. Prof. Kevin D'Cruz
Member

Kevin D'Cruz

4. Dr. Rajendra Shinde
Member

Rajendra Shinde
18/4

5. Dr. Marselin R. Almeida
Subject Expert

Marselin R. Almeida

6. Dr. (Mrs.) Behnaz Patel
Subject Expert

Behnaz Patel
18/04/15

7. Dr.(Mrs.) Manjula Pant
Subject Expert

Manjula Pant
18.04.15

8. Dr. G.T. Paratkar
Professional from Industry

G.T. Paratkar
18/4/15

9. Dr. Arvind Saklani
Professional from Industry

10. Mr. John Pottipadu
Student Representative

John Pottipadu
Rishy

11. Ms. Srishty Singh
Student Representative

Principal

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