



# ST. XAVIER'S COLLEGE

(AUTONOMOUS)

5, Mahapalika Marg, Mumbai - 400 001,  
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❖ **Minutes and/or Resolutions of Board of Studies meetings held in the last five years for:**

- **Department of Mathematics**

Programme/s: 1. BSc Mathematics

- **Summary**

Academic Year	Dates of BoS meetings	Revision in syllabus
2019 - 2020	23-08-2019	✓
2018 - 2019	09-03-2019	✓
2017 - 2018	13-03-2018	✓
2016 - 2017	24-03-2017	✓



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**2019-2020**



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**Department of Mathematics**

Minutes of BOS meeting

Date of meeting : 23<sup>rd</sup> August 2019

Time : 2.00 pm

Venue: Mathematics department

Last semester department updated syllabus for T.Y.B.Sc applied component and F.Y.B.Sc. course 2.01 . In continuation to that department has to update syllabus of these two courses for the even semester.

Department decided to replace computer programming course of applied component by Projects in Mathematics. In the BOS there was discussion about the course content and evaluation system for this new course. BOS members appreciated the idea of introducing projects. Proposed syllabus was emailed to all BOS members before meeting. Prof. Ajit kumar from ICT , Mumbai who could not attend meeting gave his suggestions through email. We discussed those in the meeting and accordingly made changes in syllabus. Prof. Ananth suggested to modify certain units. He suggested to add unit on introduction to Mathematical software like Latex, Sege to which all members agreed . Also there was discussion about topics of the projects. Prof. Ananth suggested to delete few topics which were little difficult for students to do at this level also he gave new topics for projects. Prof. Selby Jose suggested topics for Statistics related projects. After discussion BOS framed evaluation system for this project based Applied component.

After this syllabus for fy course 2.01 got approved. Also Department presented syllabus for Certificate course in programming language ' PYTHON' which will be conducted in the next semester . It also got approved by BOS.

At the end BOS members signed syllabus copies and resolution sheet.

Following members attended this BOS meeting,

Name	Signature
1) Prof. Ananth Hariharan	Mathematics dept.( IIT Mumbai )
2) Prof. Veena Bahakta- kamat	Chairperson of BOS (Mumbai University )
3) Prof. Selby Jose	Mathematics dept.( Institute of Science ,Mumbai)
4) Prof. Dhwanita Rao	Ex-Chairperson of BOS (Mumbai University )

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- |                         |   |
|-------------------------|---|
| 5) Prof. Meenal Kolkar  | HOD Mathematics (St. Xavier's College)        |
| 6) Prof. Ashok Bingi    | Lecturer (St. Xavier's College)               |
| 7) Prof. Aditya Garg    | Lecturer (St. Xavier's College)               |
| 8) Prof. Simi Cyriac    | Lecturer (St. Xavier's College)               |
| 9) Prof. Rahul Katkam   | Lecturer (St. Xavier's College)               |
| 10) Mr. Nihar Thakkar   | Student Representative (St. Xavier's College) |
| 11) Ms. Neha Goregaokar | Student Representative (St. Xavier's College) |

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Resolution

The subject board in Mathematics for St.Xavier's College, Autonomous, hereby approves the syllabus of the First Year B.Sc. for the Course ( SMAT0201) , the Third Year B.Sc. for applied component course(SMAT06AC) and certificate course in Python which is being implemented from the Academic Year 2019-20(even semester).

Name	Signature
1) Prof. Ananth Hariharan	Mathematics dept.( IIT Mumbai ) <i>Anant (23/8/2019)</i>
2) Prof. Veena B. hakta- kamat	Chairperson of BOS (Mumbai University) <i>Veena Hakta - 23/8/19</i>
3) Prof. Selby Jose	Mathematics dept.( Institute of Science ,Mumbai) <i>Selby Jose</i>
4) Prof. Dhwanita Rao	Ex-Chairperson of BOS (Mumbai University) <i>Dhwanita Rao 23/8/19</i>
5) Prof. Meenal Kolkar	HOD Mathematics (St. Xavier's College) <i>Meenal Kolkar</i>
6) Prof. Ashok Bingi	Lecturer (St. Xavier's College) <i>Ashok Bingi 23/8/19</i>
7) Prof. Aditya Garg	Lecturer ( St. Xavier's College ) <i>Aditya Garg 23/8/19</i>
8) Prof. Simi Cyriac	Lecturer ( St. Xavier's College ) <i>Simi Cyriac 23/8/19</i>
9) Prof. Rahul Katkam	Lecturer ( St. Xavier's College ) <i>Rahul Katkam</i>
10) Mr. Nihar Thakkar	Student Representative ( St. Xavier's College ) <i>Nihar Thakkar</i>
11) Ms. Neha Goregaokar	Student Representative ( St. Xavier's College ) <i>NSGoregaokar</i>



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**2018-2019**





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## Department of Mathematics

Minutes of BOS meeting

Date of meeting : 9<sup>th</sup> March 2019

Time : 12.00 pm , Venue: Mathematics department.

Last year department updated syllabus for T.Y.B.Sc . From the feedback obtained from students and teachers, department decided to shuffle few units and update syllabus of some courses for the academic year 2019-2020.

In this BOS meeting, mathematics department presented proposed syllabus of F.Y.B.Sc ( Course 1.01) in which we added a unit on 'First order Differential equations' which was in Course 3.03. Also we presented proposed syllabus of S.Y.B.Sc.(course 3.03 ). As we shifted one unit of this course to course 1.01 , we added a new unit on 'Algorithms' to this course. After going through the hard copies of proposed syllabus, BOS members suggested few changes which we accepted.

For applied component course in Computer programming offered by our department , We shifted course on ' JAVA and SQL' to 5<sup>th</sup> semester which was earlier in the 6<sup>th</sup> scmester. BOS members agreed for this change.

At the end of meeting resolution was passed to approve the Course of studies for the 1<sup>st</sup> semester ( course 1.01), 3<sup>rd</sup> semester ( course 3.03 ) and 5<sup>th</sup> Semester ( course 5.AC ), which will be implemented from the Academic Year 2019-20. All BOS members present at the meeting signed on resolution paper.


Following are the names of the members who attended this Board of studies Meeting.

Name	College/University
1) Dr. Dhvanita Rao	Visiting Faculty at CBS, Mumbai University
2) Dr. Selby Jose	Associate Professor, Institute of Science, Fort
3) Prof. Leena Upadhye	Mathematics Department, Jaihind College , Mumbai
4) Prof. Meenal Kolkar	HOD, Mathematics Department, St. Xavier's College, Mumbai
5) Prof. Ashok Bingi	Mathematics Department, St. Xavier's College, Mumbai
6) Prof. Simi Cyriac	Mathematics Department, St. Xavier's College, Mumbai
7) Prof. Rahul Katkam	Mathematics Department, St. Xavier's College, Mumbai

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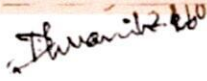
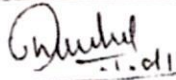



  
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### Resolution

The subject board in Mathematics of St. Xavier's College Autonomous, Mumbai hereby approves the proposed syllabus of the First, Second and Third year B. Sc. which is being implemented from the academic year 2019-2020.

- |                        |  |   |
|------------------------|--|---|
| 1) Dr. Dhvanita Rao    | Visiting Faculty at CBS, Mumbai University           |    |
| 2) Dr. Selby Jose      | Associate Professor, Institute of Science, Fort      |    |
| 3) Prof. Leena Upadhye | Mathematics Department, Jaihind College, Mumbai      |    |
| 4) Prof. Meenal Kolkar | Mathematics Department, St. Xavier's College, Mumbai |   |
| 5) Prof. Ashok Bingi   | Mathematics Department, St. Xavier's College, Mumbai | Ashok Bingi   |
| 6) Prof. Simi Cyriac   | Mathematics Department, St. Xavier's College, Mumbai | Simi Cyriac   |
| 7) Prof. Rahul Katkam  | Mathematics Department, St. Xavier's College, Mumbai |  |



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**2017-2018**



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## Department of Mathematics

### Minutes of BOS meeting

Date of meeting : 13<sup>th</sup> March 2018

Time : 11.00 am , Venue: Seminar room.

Last year department updated syllabus for S.Y.B.Sc . In continuation to that department has to update syllabus of third year for the academic year 2018-2019.

In this BOS meeting mathematics department presented proposed syllabus of T.Y.B.Sc for all courses and for both the semesters. After going through the hard copies of proposed syllabus BOS members suggested few changes which we accepted.

For applied component course in Computer programming offered by maths department ,Prof.Siby Abraham ( HOD , maths dept., Khalsa college ) suggested one change. He told us to replace C-programming language by 'Python' programming language. In today's scientific world 'Python' is important programming language. BOS members agreed for this change.

At the end of meeting resolution was passed to approve the Third Year Course of studies for the Fifth and Sixth Semester, which will be implemented from the Academic Year 2018-19. All BOS members present at the meeting signed on resolution paper.

Also we showed our question papers of CIA -I ,CIA-2 of both the semesters and end semester question papers of last semester.


Following are the names of the members who attended the Board of studies Meeting.

- |                           |   |
|---------------------------|---|
| 1) Prof. Jyostna Prajapat | HOD Maths dept.( Mumbai University )            |
| 2) Prof. Siby Abraham     | HOD Maths dept.( Khalsa College )               |
| 3) Prof. Dhwanita Rao     | Ex-Chairperson of BOS (Mumbai University )      |
| 4) Prof. Meenal Kolkar    | HOD Maths Dept. (St. Xavier's College )         |
| 5) Prof. Ashok Bingi      | Lecturer (St. Xavier's College )                |
| 6) Prof. Aditya Garg      | Lecturer ( St. Xavier's College )               |
| 9) Mr. Gable Mascarenhas  | Student Representative ( St. Xavier's College ) |
| 10) Mr. Abhiram           | Student Representative ( St. Xavier's College ) |

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Resolution

TY syllabus was  
proposed & approved  
for Jan-2018  
Onwards

The subject board in Mathematics for St.Xavier's College, Autonomous, hereby approves the syllabus of the Third Year Course of studies for the Fifth and Sixth Semester, which is being implemented from the Academic Year 2018-19.

Name	Signature
1) Prof. Jyotsna Prajapati <i>Jyotsna</i>	HOD Maths dept.( Mumbai University ) <i>Jyotsna</i> 13/3/2018
2) Prof. Veena Bahakta- kamat	Chairperson of BOS (Mumbai University) Absent
3) Prof. Leena Upadhye	BOS member (Mumbai University) Absent
4) Prof. Siby Abraham	HOD Maths dept.( Khalsa College ) <i>Siby</i>
5) Prof. Dhwanita Rao	Ex-Chairperson of BOS (Mumbai University) <i>Dhwanita Rao</i>
6) Prof. Meenal Kolkar	HOD Maths Dept. (St. Xavier's College) <i>Meenal</i>
7) Prof. Ashok Bingi	Lecturer (St. Xavier's College) <i>Ashok Bingi</i>
8) Prof. Aditya Garg	Lecturer , ( St. Xavier's College ) <i>Aditya Garg</i>
9) Mr. Gable Mascarenhas	Student Representative ( St. Xavier's College ) <i>Gable</i>
10) Ms. Claudia fernandes <i>Ms. Abhisram Astoria</i>	Student Representative ( St. Xavier's College ) <i>Abhisram</i>



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**2016-2017**



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**Department of Mathematics**

The following are the names of the members who attended the Board of studies Meeting which was held on 24<sup>th</sup> March 2017 in the Board room 1.00 pm.

- |                               |   |                              |
|-------------------------------|---|------------------------------|
| 1) Prof. Jyostna Prajapati    | HOD Maths dept.( Mumbai University )            | <i>Sy got the</i>            |
| 2) Prof. Veena Bahakta- kamat | Chairperson of BOS (Mumbai University )         | <i>SY syllabus was given</i> |
| 3) Prof. Leena Upadhye        | BOS member (Mumbai University )                 | <i>for session</i>           |
| 4) Prof. Siby Abraham         | HOD Maths dept.( Khalsa College )               | <i>June</i>                  |
| 5) Prof. Dhwanita Rao         | Ex-Chairperson of BOS (Mumbai University )      | <i>Signature</i>             |
| 6) Prof. Meenal Kolkar        | BOS member (St. Xavier's College )              | <i>Nema Shro</i>             |
| 7) Prof. Ashok Bingi          | BOS member (St. Xavier's College )              | <i>Group</i>                 |
| 8) Prof. Simi Cyriac          | Lecturer . ( St. Xavier's College )             | <i>Signature</i>             |
| 9) Mr. Rajath Krishna         | Student Representative ( St. Xavier's College ) | <i>Signature</i>             |
| 10) Mr. Aryman Jal            | Student Representative ( St. Xavier's College ) | <i>Signature</i>             |



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### Department of Mathematics

#### Minutes of BOS meeting

Date of meeting : 24<sup>th</sup> March 2017

Time : 1.00 pm , Venue: Board room.

Last year department updated syllabus for F.Y.B.Sc . In continuation to that department has to update syllabus of second year for the academic year 2017-2018.

In this BOS meeting mathematics department presented proposed syllabus of S.Y.B.Sc for all courses and for both the semesters. After going through the hard copies of proposed syllabus BOS members suggested few changes which we accepted. Students suggested to add unit on Probability. BOS members accepted their suggestion. There was discussion about syllabus and reference books regarding this unit.

At the end of meeting resolution was passed to approve the Second Year Course of studies for the third and fourth Semester, which will be implemented from the Academic Year 2017-18. All BOS members present at the meeting signed on resolution paper.

Also we showed our question papers of CIA -I ,CIA-2 of both the semesters and end semester question papers of last semester.


Following are the names of the members who attended the Board of studies Meeting.

- |                           |   |
|---------------------------|---|
| 1) Prof. Jyostna Prajapat | HOD Maths dept.( Mumbai University )            |
| 2) Prof. Siby Abraham     | HOD Maths dept.( Khalsa College )               |
| 3) Prof. Dhwanita Rao     | Ex-Chairperson of BOS (Mumbai University )      |
| 4) Prof. Meenal Kolkar    | HOD Maths Dept. (St. Xavier's College )         |
| 5) Prof. Ashok Bingi      | Lecturer (St. Xavier's College )                |
| 6) Prof. Simi Cyriac      | Lecturer ( St. Xavier's College )               |
| 7) Prof. Leena Upadhye    | Lecturer ( Jaihind, College )                   |
| 8) Prof. Veena Bhakta     | HOD Maths dept.( Ratnam College )               |
| 9) Mr. Rajath Krishna     | Student Representative ( St. Xavier's College ) |
| 10) Mr. Aryman Jal        | Student Representative ( St. Xavier's College ) |

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### Resolution

The subject board in Mathematics for St. Xavier's College Autonomous, hereby approves the proposed syllabus of the Second year B.Sc. which is being implemented from the academic year 2017-2018.

- 1) Prof. Jyostna Prajapati
- 2) Prof. Veena Bahakta-kamat
- 3) Prof. Leena Upadhye
- 4) Prof. Siby Abraham
- 5) Prof. Dhwanita Rao
- 6) Prof. Meenal Kolkar
- 7) Prof. Ashok Bingi
- 8) Prof. Simi Cyriac
- 9) Mr. Rajath Krishna
- 10) Mr. Aryman Jal

- HOD Maths dept.( Mumbai University) *Jyostna*
- Chairperson of BOS (Mumbai University) *Veena Shah*
- BOS member (Mumbai University) *Leena*
- HOD Maths dept.( Khalsa College ) *Siby*
- Ex-Chairperson of BOS (Mumbai University) *Dhwanita*
- BOS member (St. Xavier's College) *Meenal*
- BOS member (St. Xavier's College) *Ashok*
- Lecturer . ( St. Xavier's College ) *Simi*
- Student Representative ( St. Xavier's College ) *Rajath*
- Student Representative ( St. Xavier's College ) *Aryman*



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