



Anekant Education Society's

**Tuljaram Chaturchand College**  
**of Arts, Science, Commerce, Baramati**  
**(Autonomous)**

**DEPARTMENT OF MATHEMATICS**

(Faculty of Science and Technology)

**Minutes of Board of Studies Meeting No.8**

**Date of Meeting: 23/10/2023**

**Venue: Department of Mathematics**



October, 2023

Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati  
(Autonomous)

**Department of Mathematics**

**AGENDA OF THE MEETING**

The agenda of the meeting included the following subjects:

1. To confirm the minutes of the previous meeting held on 10<sup>th</sup> April 2023.
2. To design the syllabus for the F.Y.B.Sc, F.Y.B.Sc. (Comp.Sci) and M.Sc I Sem II (2023 Pattern) in accordance with NEP 2020.
3. To prepare and approve curriculum of S.Y.B.Sc. Mathematics Semester-IV (2022 pattern), S.Y.B.Sc. (Comp. Sci.) Mathematics Semester-IV (2022 pattern).
4. To prepare and approve curriculum of M.Sc.-II Mathematics Semester-IV (2022 pattern).
5. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.
6. Any other issue with the permission of the chair.



**List of Members Present for the BOS Meeting**

The following internal and external BOS members attended the Board of Studies (Mathematics) meeting through online mode held on 23<sup>rd</sup> October, 2023.

<b>Sr. No.</b>	<b>Name of Member</b>	<b>Designation</b>
1.	<b>Mr. Sadashiv R. Puranik,</b>	Chairman
2.	<b>Ms. Varsha H. Shinde</b>	Member
3.	<b>Dr. Prakash B. Fulari</b>	Member
4.	<b>Ms. Shaila S. Jadhav</b>	Member
5.	<b>Ms. Nikita R. Shinde</b>	Member
6.	<b>Ms. Sonali V. Kate</b>	Member
7.	<b>Dr. Anil S. Khairnar</b>	Vice-Chancellor Nominee
8.	<b>Dr. Nitin S. Darkunde</b>	Expert from other University
9.	<b>Dr. Kishor D. Kucche</b>	Expert from other University
10.	<b>Mr. Amit Patil</b>	Industry Expert
11.	<b>Ms. Sharwari Markale</b>	PG Student
12.	<b>Mr. Vishvajeet Nalawade</b>	PG Student
13.	<b>Mr. Vinay Zende</b>	UG Student



## **MINUTES OF THE MEETING**

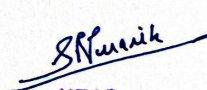
### **Minutes:**


1. **Confirmation of Previous Meeting Minutes:**
  - The minutes of the previous meeting held on 10th April 2023 were read and confirmed without any amendments.
2. **Designing Syllabus for F.Y.B.Sc, F.Y.B.Sc. (Comp.Sci), and M.Sc I Sem II (2023 Pattern):**
  - The committee reviewed the draft syllabi for F.Y.B.Sc, F.Y.B.Sc. (Comp.Sci), and M.Sc I Sem II in alignment with NEP 2020 guidelines.
  - After detailed discussions, minor modifications were suggested, especially in the inclusion of interdisciplinary modules and skill enhancement courses.
  - The revised syllabi were approved unanimously.
3. **Curriculum for S.Y.B.Sc. Mathematics Semester-IV (2022 Pattern) and S.Y.B.Sc. (Comp. Sci.) Mathematics Semester-IV (2022 Pattern):**
  - The proposed curriculum for S.Y.B.Sc. Mathematics Semester-IV and S.Y.B.Sc. (Comp. Sci.) Mathematics Semester-IV was presented.
  - The board members suggested integrating more practical components and industry-oriented projects.
  - The revised curriculum was approved with the suggested changes.
4. **Curriculum for M.Sc.-II Mathematics Semester-IV (2022 Pattern):**
  - The draft curriculum for M.Sc.-II Mathematics Semester-IV was reviewed.
  - It was decided to incorporate advanced research topics and recent developments in the field of mathematics.
  - The curriculum was approved with the incorporation of the suggested topics.
5. **Feedback from Stakeholders:**
  - Feedback from students, teachers, parents, alumni, and employers was discussed.
  - Key points included the need for more practical applications, inclusion of modern technology, and computer programming skills.
  - The board agreed to incorporate these suggestions where feasible, ensuring the curriculum remains relevant and comprehensive.
6. **Any Other Issue with the Permission of the Chair:**
  - No other issues were raised.

**Following courses are designed by Board of Studies in this meeting.**



Class	Pattern	Semester	Course Code	Course Title	Course Type	No of Credits
FYBSc	NEP 2023	II	MAT-151-MJM	Geometry	Theory	2
FYBSc	NEP 2023	II	MAT-152-MJM	Calculus and Differential Equations	Theory	2
FYBSc	NEP 2023	II	MAT-153-MJM	Mathematics Practical II	Practical	2
FYBSc	NEP 2023	II	MAT-161-MN	Fundamentals of Mathematics	Theory	2
FYBSc	NEP 2023	II	MAT-166-OE	Basic Mathematics II	Theory	2
FYBSc	NEP 2023	II	MAT-167-OE	Applied Mathematics II	Practical	2
FYBSc	NEP 2023	II	MAT-171-VSC	Geogebra Software	Practical	2
FYBSc	NEP 2023	II	MAT-176-SEC	Scilab and Maxima Software II	Practical	2
FYBSc	NEP 2023	II	ENG-181-AEC	Functional English-II	Theory	2
FYBSc	NEP 2023	II	MAT-185-VEC	Mathematical Solutions for Environmental Challenges	Theory	2
SYBSc	2022	IV	USMT241	Vector Calculus	Theory	3
SYBSc	2022	IV	USMT242	Linear Algebra	Theory	3
SYBSc	2022	IV	USMT243	Practical based on USMT241 and USMT242	Practical	2
SYBSc Comp	2022	IV	UCSMT241	Computational Geometry	Theory	3
SYBSc Comp	2022	IV	UCSMT242	Operation Research	Theory	3
SYBSc Comp	2022	IV	UCSMT243	Mathematics Practical Python Programming Language II	Practical	2
FYBSc Comp	NEP2023	II	COS-126-SEC	Mathematics for Computer Science	Theory	2
MSc	2022	IV	PSMT241	Number Theory	Theory	4
MSc	2022	IV	PSMT242	Differential Geometry	Theory	4
MSc	2022	IV	PSMT243	Fourier Analysis	Theory	4
MSc	2022	IV	PSMT244	Lattice Theory	Theory	4
MSc	2022	IV	PSMT245(A)	Coding theory	Theory	4
MSc	2022	IV	PSMT245(B)	Cryptography	Theory	4
MSc	2022	IV	PSMT246	Project	Practical	4
MSc	NEP2023	II	MAT-551-MJM	Complex Analysis	Theory	4
MSc	NEP2023	II	MAT-552-MJM	Topology	Theory	4
MSc	NEP2023	II	MAT-553-MJM	Practical in Partial Differential Equations	Practical	2
MSc	NEP2023	II	MAT-554-MJM	Programming in C++	Practical	2
MSc	NEP2023	II	MAT-561-MJE(A)	Number Theory	Theory	4
MSc	NEP2023	II	MAT-561-MJE(B)	Rings and Modules	Theory	4
MSc	NEP2023	II	MAT-581-OJT/FP	On Job Training Filed Project	Practical	4

  
**HEAD**  
 Department of Mathematics  
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