

Puranik Sadashiv R.
Head of Department,
Department of Mathematics,
Date: 25/10/2023.

To,
The Principal,
Tuljaram Chaturchand College, Baramati,
Baramati.

Subject: Report of the Board of Studies (Mathematics) Meeting.

Dear Sir,

I am writing to provide you with a comprehensive report on the recent Board of Studies (Mathematics) meeting that took place on October 23, 2023. The meeting was attended by the esteemed faculty members of the Department of Mathematics, dedicated student representatives, and distinguished members of the Board of Studies. We are thankful to have had the honorable presence of Dr. Anil Khairnar, Dr. Haribhau Bhapkar, Dr. K. D. Kucche, Dr. Nitin Darkunde and Mr. Amit Patil.

The minutes of the previous meeting were reviewed and unanimously approved by the Board. Extensive discussions took place regarding the restructuring of the syllabus in accordance with the National Education Policy (NEP) 2020. The Board has worked diligently to revise and enhance the curriculum to align with these guidelines. Valuable feedback from students, teachers, parents, alumni, and employers was meticulously analyzed. Many suggestions and recommendations have been integrated into the curriculum to ensure its relevance and quality. The revised syllabus for F.Y.B.Sc./F.Y.B.Sc.(Comp.Sci.) & M.Sc.I - Semester-II (2023 Pattern) and S.Y.B.Sc./S.Y.B.Sc.(Comp. Sci.) & M.Sc. II - Semester-IV (2022 Pattern) has been submitted for your perusal and approval. These syllabi have been designed to provide a contemporary and holistic education in mathematics, reflecting the latest educational policies and stakeholder inputs.

We would like to recommend that an honorarium be granted to the external members of the Board of Studies for their invaluable contributions to the meeting.

We extend our heartfelt gratitude for your continued support and guidance.

Yours sincerely,

S. Puranik

Amit Patil

Approved

~~Signature~~

28/10/23

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

Department of Mathematics

The Board of Studies in Mathematics

Date: 23rd October 2023

Venue: Department of Mathematics

Agenda of the Meeting:

1. To confirmation of the minutes of the previous meeting.
2. To design the syllabus for the F.Y.B.Sc./F.Y.B.Sc.(Comp. Sci.) & M.Sc. I - Semester-II (2023 Pattern) in accordance with NEP 2020.
3. To design the syllabus for the Second Year S.Y.B.Sc./S.Y.B.Sc.(Comp. Sci.) & M.Sc. II - Semester-IV in accordance with 2022 pattern.
4. To discuss and incorporate the relevant feedbacks of the stakeholders (Students, teachers, parents, alumni and employers) in the curriculum.
5. Any other issue with the permission of the chair.

Proceedings of the Meeting:

Following members were present and discussed the syllabus.

- 1) Puranik S.R., Chairman, BoS Mathematics; Head, Department of Mathematics
- 2) Shinde V.H., Member, Department of Mathematics
- 3) Fulari P.B., Member, Department of Mathematics
- 4) Jadhav S. S., Member, Department of Mathematics
- 5) Kate S. V., Member, Department of Mathematics
- 6) Shinde N. R., Member, Department of Mathematics
- 7) Dr. Anil Khairnar, Member, MES Abasaheb Garware College, Pune
- 8) Dr. Nitin Darkunde, Member, S.R.T.M University, Nanded
- 9) Dr. Kucche K.D., Member, Shivaji University, Kolhapur
- 10) Dr. Haribhau R. Bhapkar, Member, MIT School of Engineering, Loni Kalbhor, Pune
- 11) Amit Patil., Tata Consultancy Services, Hinjewadi, Pune

Minutes of the Meeting

The meeting of the Board of Studies in Mathematics was organized on October 23, 2023, at the Department of Mathematics, Tuljaram Chaturchand College, Baramati, to address significant academic matters and to ensure the alignment of the curriculum with the National Education Policy (NEP) 2020.

Confirmation of Minutes: The minutes of the previous meeting were reviewed and unanimously approved by the Board.

Syllabus Design - F.Y.B.Sc./F.Y.B.Sc.(Comp. Sci.) & M.Sc. I - Semester-II (2023 Pattern): Extensive discussions took place regarding the restructuring of the syllabus to align with the National Education Policy (NEP) 2020.

Syllabus Design - S.Y.B.Sc./S.Y.B.Sc.(Comp. Sci.) & M.Sc. II - Semester-IV (2022 Pattern): Discussions were held to design the syllabus for the Second Year S.Y.B.Sc./S.Y.B.Sc.(Comp. Sci.) & M.Sc. II - Semester-IV in accordance with the 2022 pattern.

These syllabi have been meticulously designed to offer a contemporary and holistic education in mathematics, aligning with the latest educational policies and stakeholder inputs. The following is the list of course codes and titles of the revised syllabus.

Course Code	Course Title	Class	Sem and Pattern
MAT-151-MJM	Geometry	FYBSc	Semester II (2023 Pattern)
MAT-152-MJM	Calculus and Differential Equations		
MAT-153-MJM	Mathematics Practical II		
MAT-161-MN	Fundamentals of Mathematics		
MAT-166-OE	Basic Mathematics II		
MAT-167-OE	Applied Mathematics II		
MAT-171-VSC	Geogebra Software		
MAT-176-SEC	Scilab and Maxima Software II		
ENG-181-AEC	Functional English-II		
MAT-185-VEC	Mathematical Solutions for Environmental Challenges	SYBSc	Semester IV (2022 Pattern)
USMT241	Vector Calculus		
USMT242	Linear Algebra		
USMT243	Practical based on USMT241 and USMT242	SYBSc Comp. Sci	Semester IV (2022 Pattern)
UCSMT241	Computational Geometry		
UCSMT242	Operation Research		
UCSMT243	Mathematics Practical Python Programming Language II	FYBSc Comp. Sci	Semester II (2023 Pattern)
COS-126-SEC	Mathematics for Computer Science		
PSMT241	Number Theory	MSc II	Semester IV (2022 Pattern)
PSMT242	Differential Geometry		
PSMT243	Fourier Analysis		
PSMT244	Lattice Theory		
PSMT245(A)	Coding theory		
PSMT245(B)	Cryptography		
PSMT246	Project		
MAT-551-MJM	Complex Analysis	MSc I	Semester II (2023 Pattern)
MAT-552-MJM	Topology		
MAT-553-MJM	Practical in Partial Differential Equations		
MAT-554-MJM	Programming in C++		
MAT-561-MJE(A)	Number Theory		
MAT-561-MJE(B)	Rings and Modules		
MAT-581-OJT/FP	On Job Training Filed Project		

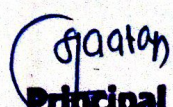

HEAD

Department of Mathematics
Tuljaram Chaturchand College
Baramati


DEAN


Coordinator

Internal Quality Assurance Cell
Tuljaram Chaturchand College of
Arts, Science and Commerce,
Baramati (Pune)-413102


Principal

Tuljaram Chaturchand College
Baramati

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
 (Autonomous)
Department of Mathematics
Board of Studies Meeting

Meeting of all members of Board of Studies in Mathematics was organized on
 Monday, 23/10/2023. Following members attended and actively participated in the meeting.

Sr. No.	Name	Designation	Sign
1	Mr. Sadashiv R. Puranik, Head, Dept of Mathematics, T.C.College, Baramati.	Chairman	<i>S.Puranik</i>
2	Ms. Varsha Shinde, Asst. Prof., Dept of Mathematics, T.C.College, Baramati.	Member	<i>V.Shinde</i>
3	Dr. Prakash Fulari, Asst. Prof., Dept of Mathematics, T.C.College, Baramati.	Member	<i>P.Fulari</i>
4	Dr. Shaila Jadhav, Asst. Prof., Dept of Mathematics, T.C.College, Baramati.	Member	<i>S.Jadhav</i>
5	Ms. Nikita Shinde, Asst. Prof., Dept of Mathematics, T.C.College, Baramati.	Member	<i>N.Shinde</i>
6	Ms. Sonali Kate, Asst. Prof., Dept of Mathematics, T.C.College, Baramati.	Member	<i>S.Kate</i>
7	Dr. Anil Khairnar, Head, Dept. of Maths., Abasaheb Garware College, Pune	Member, Expert from SPPU, Pune	<i>online</i>
8	Dr. Nitin Darkunde, Asst. Prof., School of Mathematical Sciences, S.R.T.M. University, Nanded	Member, Expert from other university	<i>Online</i>
9	Dr. K. D. Kucche, Asst. Prof., Dept. of Mathematics, Shivaji University, Kolhapur	Member, Expert from other university	<i>Online</i>
10	Mr. Amit Patil, Tata Consultancy Services, Pune	Member, Representative from industry	<i>Online</i>
11	Prof. Dr. Haribhau Bhapkar, MIT ADT University's MIT School of Engineering, Loni Kalbhor, Pune.	Member, Meritorious Alumni	<i>Online</i>
12	Pranali Jadhav, T.Y.B.Sc. (Mathematics)	Student representative	<i>P.Jadhav</i>
13	Ankita Anpat, M.Sc. II (Mathematics)	Student representative	<i>A.Anpat</i>

S.Puranik
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 Department of Mathematics
 Tuljaram Chaturchand College
 Baramati