

**Shree Manibhai Virani & Smt. Navalben Virani Science College, Rajkot
(Autonomous)**

Affiliated to Saurashtra University, Rajkot.

MEETING OF BOARD OF STUDIES - MATHEMATICS

Date: 12/11/2022

Venue: Hybrid Mode

Time: 11:30am

Venue: Library and Learning Center,
Reference Room (Second Floor)
Shri Manibhai Virani and Smt. Navalben Virani Science
College (Autonomous)
Rajkot.

AGENDA

Resolutions are required on

1. Introductory remarks by Chairperson
 - Confirmation of MoM & ATR of previous BoS held on 28/04/2022
 - Departmental activities and updates
2. Scheme of Learning and Evaluation for Sem.-4 of B.Sc. Mathematics program.
3. Syllabi of all theory & practical courses including core elective courses of Sem.-4 of B.Sc. Mathematics program.
4. Syllabi for theory & practical courses DSE cluster courses of Sem -4.
5. Syllabi and evaluation norms of Part-II – Trans Disciplinary Elective (TDE) course offered by the department.
6. Question paper pattern for all theory & practical courses of Sem.-4 of B.Sc. Mathematics program.
7. List of paper setters and examiners for all theory & practical courses of B.Sc. Mathematics program.
8. Any other agenda with permission of the Chair.

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BoS Members: -

S. No.	Name	Membership	Present / Absent
1.	Mr. Jignasu N. Chauhan	Head of the Department, Chairman	Present
2.	Dr. Rakhimol V. Issac	Member Secretary	Present
3.	Dr. Samir K. Vaidya	Subject Expert, VC-Nominee	Present
4.	Mrs. Jayshri Joshi	Subject Expert, AC nominee	Present
5.	Mr. V. N. Vaghasia	Faculty member	Present
6.	Mr. M. L. Joshi	Faculty member	Present
7.	Mrs. Nisha K. Nesadia	Faculty member	Present
8.	Mr. Parag D. Ajani	Faculty member	Present
9.	Mr. Punit B. Vadher	Faculty member	Present
10.	Mrs. Miral P. Ambavi	Faculty member	Present
11.	Mr. Jayesh R. Vaghela,	Member from Industry/ Corporate Sector/ Allied Area	Leave of Absence
12.	Dr. Jeegnesh Bosamiya,	Member Alumnus	Leave of Absence

Shree Manibhai Virani & Smt. Navalben Virani Science College, Rajkot
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12th Meeting of Board of Studies in Mathematics
Department of Mathematics

Program: B.Sc. Mathematics.

Details of Meeting:

Mode of Meeting	Offline
Date	12 th – November- 2022
Time	09:30 am
Venue:	Library and Learning Center Reference Room (Second Floor) Shri Manibhai Virani and Smt. Navalben Virani Science College (Autonomous) Rajkot.

BoS Members

S. No.	Name	Membership	Present / Absent
1.	Mr. Jignasu N. Chauhan	Head of the Department, Chairman	Present
2.	Dr. Rakhimol V. Issac	Member Secretary	Present
3.	Dr. Samir K. Vaidya	Subject Expert, VC-Nominee	Present
4.	Mrs. Jayshri Joshi	Subject Expert, AC nominee	Present
5.	Mr. V. N. Vaghasia	Faculty member	Present
6.	Mr. M. L. Joshi	Faculty member	Present
7.	Mrs. Nisha K. Nesadia	Faculty member	Present
8.	Mr. Parag D. Ajani	Faculty member	Present
9.	Mr. Punit B. Vadher	Faculty member	Present
10.	Mrs. Miral P. Ambavi	Faculty member	Present
11.	Mr. Jayesh R. Vaghela,	Member from Industry/ Corporate Sector/ Allied Area	Leave of Absence
12.	Dr. Jeegnesh Bosamiya,	Member Alumnus	Leave of Absence

Minutes of Meeting:

The Board of Studies in Mathematics met as indicated above and discussed on the aforementioned Agenda. Sharing the expertise of all the members and with very proactive inputs, the members unanimously resolved the following:

1. Introductory remarks by Chairperson
 - Confirmation of MoM & ATR of previous BoS held on **28/04/2022**
 - Departmental activities and updates.

Chairman reported the members about the ATR of previous BoS held on **28/04/2022** and departmental activities carried out member appreciated the same.

2. The Scheme of Learning & Evaluation for 4th Semester of the following programmes of the Department were **discussed & framed**.

a. B.Sc. Mathematics (**Enclosure–BMTI**)

- **New Courses introduced in semester – IV**
- **Courses /Components Removed in the Semester Course.**

Sem	Courses components removed from the previous scheme	New Courses / components introduced in the proposed scheme
7III	DSE-Allied 2: Physics – IV	DSE 2: C2: Students will select from the Cluster of DSE courses offered by various departments of the College.
	DSE-Allied Practical 2: Physics Practical – IV	DSE 2: Practical 1: Students will select from the Cluster of DSE practical courses offered by various departments of the College.
	Core 7 : Discrete Mathematics.	Core 8: Fundamentals of Linear Algebra (F)
	Core 9: Complex Variables and Inner Product Space	
	Core Practical 7: Advanced GEOGEBRA	Core Practical 4: Practical on Numerical Methods and Plotting including Mathematical Software
	Core Practical 8: Introduction to MAXIMA	
	-	Core Elective 1: <ul style="list-style-type: none"> • Introduction to Graph Theory / • Number Theory
	-	TDE 1: Fundamentals of Statistics
-	Core Enrichment 1: Concept to Practice.	

	-	Ability Enhancement Courses FS 3: Career Acceleration Program
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Discussions:

- a. The BoS members appreciated the scheme of learning and evaluation for many of its good points. They were glad to observe that
 - (i) the scheme of learning and evaluation includes Choice Based Credit System (CBCS) by offering ample number of electives in it
 - (ii) it also aims to implement the NEP and
 - (iii) it includes the implementation of OBE/UGC-LOCF to a great extent.
- b. The BoS members took interest with proactive inputs on the above mentioned agenda.

The above will be effective for students admitted from **AY 2021-22** & onwards.

3. Syllabi of all theory & practical courses including core elective courses of Sem.-4 of B.Sc. Mathematics program.

The Syllabi for the courses of the below stated programmes of the department were **discussed & framed**.

- a. 4th Semester for B.Sc. Mathematics (**Enclosure –BMTII**)

Discussions:

The members also recommended including a few new textbooks. – **Agreed and Recommended**.

The detailed syllabi in the new format for adoption of OBE indicating course outcomes with K levels, pedagogical & assessment tools as appended

The above will be effective for students admitted from **AY 2021-22** & onwards

4. **Syllabi for DSE course offered to other programs in Sem.-4.**

Syllabi for DSE course offered to other programs in Sem.-4 by Department of Mathematics were **discussed & framed. (Enclosure – BMTIII)**

5. **Syllabi and evaluation norms of Part-II – Trans Disciplinary Elective (TDE) course**

Syllabi and evaluation norms of Part-II – Trans Disciplinary Elective (TDE) course offered by the department were **discussed & framed. (Enclosure – BMTIV)**.

6. Question paper pattern for all theory & practical courses of Sem.-4 of B.Sc. Mathematics program – **discussed and finalized (Enclosure – BMTV)**

7. List of Paper Setter and Examiner for theory & practical paper evaluation for the 4th semester courses of the UG program were discussed and finalized as indicated in (**Enclosure – BMTVI**)

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1.	Mr. Jignasu N. Chauhan	Head of the Department, Chairman	
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