

MINUTES OF BOARD OF STUDIES MEETING -27th SEPTEMBER, 2025

The Sixth Board of Studies meeting of the Department of Mathematics is held on 27-09-2025 at 3:00 pm. The meeting is conducted online through Zoom App.

Members Present :

1. Chairman

Sri.G.Rangababu
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P.G. Courses (A)
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3. Subject Expert

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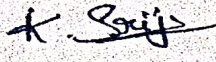
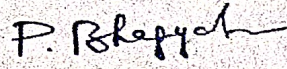
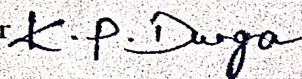
4. Subject Expert

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5. Alumni & Special Invitee

Dr.Yedlapalli Phani
Professor
Department of Mathematics
Shri Vishnu Engineering College for Women (A),
Vishnupur, Bhimavaram -2, W.G.Dt.,
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6. Members

- i) Kum.K. Srija, Assistant Professor 
- ii) Smt.P.Bhagya Sri, Assistant Professor 
- iii) Kum.K.Prasanna Durga, Assistant Professor 

AGENDA

- ❖ To discuss and ratify the I & II year syllabi of M.Sc., Mathematics Programme for the academic year 2025-2026.
- ❖ To discuss and ratify the I & II year Model Question papers of M.Sc., Mathematics Programme for the academic year 2025-2026.
- ❖ To discuss conducting of curricular and co- curricular activities.
- ❖ To discuss the future course of action to be initiated in case of curriculum revision by the University.
- ❖ Any other item

RESOLUTIONS

Resolution 1: Members of the Board of Studies discussed and approved the syllabi of all 20 papers in M.Sc. Maths I and II years for the academic year 2025-26, which include 18 core papers and 2 Papers in two electives.

Resolution 2: It is decided to offer the M.Sc. Mathematics which shall be as is the normal in all universities – in **Two years**, in the **Semester mode**, with **2 semesters** each in the **first** and **second** years. Each **Semester** shall have **five papers** each. All papers in the **first and second semesters** are **core papers** and in the **third and fourth** semesters elective courses are offered along with the Core Courses/Papers. There shall be four core papers and one elective paper (to be chosen by the students). While four papers are offered at Elective – I in the third semester and Elective – II in the fourth semester, students will choose one of them in each of those semesters. The elective is also called Specialization.

Resolution 3- Programme Structure: It is unanimously decided to adopt the following Programme/Course Structure for the four semesters of M.Sc. Mathematics

M.Sc. MATHEMATICS PROGRAMME STRUCTURE

M.Sc. MATHEMATICS (w.e.f. 2020-2021 Admitted Batch)

SEMESTER -I

S.No.	Course	Paper title	Paper Code	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
1	Paper-I	Algebra –I	M101	100	25	75	6	5
2	Paper-II	Real Analysis –I	M102	100	25	75	6	5
3	Paper-III	Differential equations	M103	100	25	75	6	5
4	Paper-IV	Topology	M104	100	25	75	6	5
5	Paper-V	Discrete Mathematics	M105	100	25	75	6	5
Total				500	125	375	30	25

SEMESTER -II

S.No.	Course	Paper title	Paper Code	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
1	Paper-I	Algebra –II	M201	100	25	75	6	5
2	Paper-II	Real Analysis –II	M202	100	25	75	6	5
3	Paper-III	Complex Analysis –I	M203	100	25	75	6	5
4	Paper-IV	Linear Algebra	M204	100	25	75	6	5
5	Paper-V	Probability theory & Statistics	M205	100	25	75	6	5
Total				500	125	375	30	25

SEMESTER - III

S.No.	Course	Paper title	Paper Code	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
1	Paper-I	Functional Analysis	M301	100	25	75	6	5
2	Paper-II	Lebesgue Theory	M302	100	25	75	6	5
3	Paper-III	Analytical Number Theory	M303	100	25	75	6	5
4	Paper-IV	Partial differential Equations	M304	100	25	75	6	5
5	Paper-V (Elective – I)	Commutative Algebra Lattice Theory Complex Analysis-II Semi Groups-I	M305	100	25	75	6	5
Total				500	125	375	30	25

SEMESTER - IV

S.No.	Course	Paper title	Paper Code	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
1	Paper-I	Measure Theory	M401	100	25	75	6	5
2	Paper-II	Numerical Analysis	M402	100	25	75	6	5
3	Paper-III	Graph Theory	M403	100	25	75	6	5
4	Paper-IV	Linear Programming	M404	100	25	75	6	5
5	Paper-V (Elective – II)	Discrete Dynamical systems Operator Theory Advanced Differential Equations Non-Linear Functional Analysis	M405	100	25	75	6	5
Total				500	125	375	30	25

Total Marks : 2000

Resolution 4 - Examination Pattern: As part of continuous evaluation, it is resolved to conduct Internal and External Examinations in each Semester for every paper. The Internal/Mid Semester Exams will carry 25 marks and the External Examinations will carry 75 marks. It is further resolved that the minimum qualifying mark for each paper is 40% of the total marks (Grade points 4) secured in both Internal and External examinations, subject to the condition that the student has to secure 40% of 75 Marks in the Semester (External) Examinations There is no minimum pass mark for Internal Exams.

Resolution 5- Allotment of Internal Marks: It is decided to conduct two Internal/Mid Semester Examinations in every Semester for every paper. The Theory Exam would be conducted for 20 Marks. The average of the two internal exams would be finalized. 5 marks will be allotted for Two Assignments (5 Marks).

Theory Internal Assessment:

➤ Written test (Average of Two Mids)	20 Marks
➤ Assignments (Two)	5 Marks
Total	25 Marks

Resolution 6- Blue Print: It is resolved to implement the following Blue Print for the Mid-Semester and Semester End exams.

In the Internal question paper the student has to write:

Two short notes out of 4 for 10 marks

One essay out of 2 for 10 marks.

Total Marks for written test: 20 M

Blue Print for External Semester – End Examinations

Max Marks:75

Time: 3 hrs

S.No.	Type of Question	Given in the question paper			To be answered		
		No. of Questions	Marks allocated to each Question	Total marks	No. of Questions	Marks allocated to each Question	Total marks
1	Section-A Essay Question (with Internal Choice)	4	15	60	4	15	60
2	Section-B Short Answer Question	5	5	25	3	5	15
TOTAL				85			75

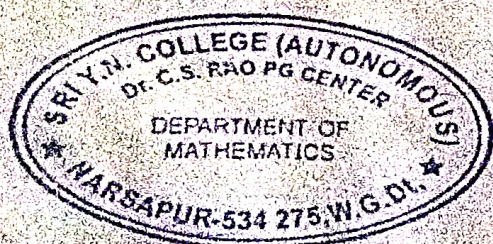
Section - A: Essay Questions: All the Four Questions (either or choice): $4 \times 15 = 60$ Marks
One question compulsory from each unit

Section - B: Short Answer Questions Any three questions out of five: $3 \times 5 = 15$ Marks
Total Marks: 75 Marks

Resolution 7- Teaching Methodology: It is resolved that Audio-Visual Aids, PPTs, Group Discussions, Seminars and Online Methods shall be the teaching methodology in addition to the traditional Class Room Lectures.

Resolution 8 - Resolved to introduce certificate course (Analytical Skills) to the fourth semester students for improving their Employability.

Resolution 9- Resolved to guide the students to do Online Courses, at least one, through MOOCS, SWAYAM Portal / NPTEL / LinkedIn Platforms during the third Semester.



C. Ranganath
CHAIRMAN
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SRI Y.N. COLLEGE (AUTONOMOUS)
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SRI Y.N.COLLEGE (AUTONOMOUS), P.G. Courses, NARSAPUR, W.G.Dt.,A.P.

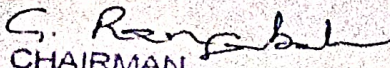
NAAC Accredited 'A' Grade College Affiliated to Adikavi Nannaya University

DEPARTMENT OF MATHEMATICS

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