Minutes

Minutes of the online meeting of the Board of Studies (Mathematics) held on 9th March 2024 at 4.00 p.m. Following members were present for the meeting.

1. Mr. Channayya Hiremath (Assistant Professor and Head of Department)
2. Prof. Dr. Thakar Sarita., Head, Department of Mathematics, Shivaji University, Kolhapur
3. Dr. Ashok Vitthal Bingi, Associate Professor, Mathematics Department, St. Xavier's College, Mumbai.
4. Pof. Dr. Shaikh Sadikali, Professor and Head Department of Mathematics, Maulana Azad College of Arts, Science and Commerce, Aurangabad.
5. Dr. Rajeev Sapre, Ex. Associate Professor and Head of Mathematics Department, Gogate Joglekar College, Ratnagiri.
6. Mr. Dhananjay M Kshirsagar Assistant Professor, ACS College, Lanja.
7. Mr. Devesh P Jog, ASP College, Devrukh.
8. Mr. Ramesh Patil Finolex Industry, Ratnagiri.
9. Mr. Uday B. Bhatye Assistant Professor, ASP College, Devrukh.
10. Mr. Akshay Pabye Alumni ASP College, Devrukh.

At the commencement of the meeting, the chairman of the BoS, Mr. Channayya. Hiremath welcomed the members. The following matters were discussed in the meeting and, consequently, the resolutions were passed as per the agenda.

Item No. 1: To review the minutes of the meeting held on 13th June 2023.

Assistant Professor Devesh Jog read the minutes from the meeting held on 13th June 2023. The minutes were approved unanimously by all present members.

Resolution: It was resolved to accept and approve the minutes of the meeting held 13th June 2023.

Proposed by Mr. Devesh Jog and Seconded by Dr. Ashok Bingi

Item No. 2: To finalize the new Course structure of S.Y. B.Sc. (Mathematics) as per NEP.

As per the agenda of BOS meeting, Head of department of Mathematics Mr. Channayya. Hiremath presented the new structure of BSc. Mathematics Programme. Under new structure of BSc, S.Y.B. Sc (Maths) students will have to study following courses. Also, as per NEP the new courses for other faculty students are introduced. Accordingly, the new curriculum for these courses is framed.

Semester	Title of the Course	No. of Theory Credits	No. of Practical Credits	No. of Total Credits
Semester III	Minor Subject: Maths-I for S.Y.B. Sc. Algebra-III	2	0	2
	Minor Subject: Maths-II for S.Y.B. Sc. Discrete Mathematics	0	2	2
	Generic / Open elective course for basket - Quantitative Aptitude-III	2	0	2
	Generic / Open elective course for basket – Combinatorics and Graph Theory for Computer Science	2	0	2
Semester IV	Minor Subject: Maths-I for S.Y.B. Sc. Algebra-IV	2	0	2
	Minor Subject: Maths-II for S.Y.B. Sc. Ordinary Differential Equations	0	2	2

Generic / Open elective course for basket - Quantitative Aptitude-IV	2	0	2
Generic / Open elective course for basket – Linear Algebra using Python for Computer Science	2	0	2

Resolution: It is resolved unanimously that the new structure for S.Y. BSc (Mathematics) as per NEP designed by the BoS were accepted.

Proposed by Mr. Channayya. Hiremath   Seconded by Dr. Thakar Sarita

Item No. 3: To frame and finalize the syllabus for the minor subjects Maths Paper-I and II for S.Y.B. Sc and Open Elective Course - Quantitative Aptitude for S.Y.B.A. S.Y.B. Com and S.Y.B. Sc.

Mr. Channayya. Hiremath presented the syllabus of all Minor subjects (Maths-I and II for S.Y.B. Sc.), Open Electives related to our core subject Mathematics. Minor - Maths I & II for S.Y.B. Sc Semester III In new programme structure of BSc, Mathematics will be as minor course from semester I. Hence rough draft of syllabus of S.Y. B.Sc., Mathematics for Semester III and IV was framed and sent to all BoS members. All the suggestions given by them are incorporated and syllabi are finalized.

Earlier, we have prepared the rough draft of syllabus of Open Elective and emailed to all BoS members. After the presentation of the syllabus, Mr. Dhanjay Kshirsagar pointed out that Quantitative Aptitude course is helpful for the students who will appear for competitive exam. It will be also easy for the students. Dr. Ashok Vitthal Bingi appreciated for introducing this course. After the discussion, it was decided to accept the syllabus of Open Elective. All the suggestions given by them are incorporated and syllabi are finalized.

Resolution: It is resolved unanimously that the revised syllabi of Minor subjects (Maths-I and II for S.Y.B. Sc) and OE were accepted.

Proposed by Mr. Channayya. Hiremath   Seconded by Dr. Ashok Vitthal Bingi

Item No. 5: To finalize the pattern of Continuous Internal Assessment (CIA)

Mr. C. N. Hiremath, Chairman of the BOS in Mathematics informed about the existing evaluation process and semester pattern as per the ordinances. Based on the recommendations given by the examination committee, Mr. C. N. Hiremath informed that the semester pattern be continued and evaluation/ examination pattern for each subject/course be 60:40. Forty marks will be allotted for the Continuous Internal Evaluation and 60 marks for the Semester End Examination. Thus, the nature for the Continuous Internal Evaluation system for 30 marks was decided as per the following:

1) Class test: -   10 Marks (30 marks test converted to 10)
2) Tutorials / Home assignments/: -   10 Marks
   Problem solving Seminars / PPTs
Resolution: It was resolved to accept pattern of Continuous Internal Assessment (CIA) for regular as well as repeater/additional examination.

Proposed by Dr.Ashok Vitthal Bingi   Seconded by Dr. Dr. Rajeev Sapre,

Item No. 6: To finalize the question paper patterns for the term-end examination and repeater / additional examinations

The chairman of the BOS sighted into the external evaluation pattern also. He put forth the pattern of the external examination for 30 marks for all courses with 2 credits. First conduct the external examination of 60 marks for 2 credit courses and that can be converted to 30 marks. Thus, the nature for the term-end examination for 60 marks was decided as per the following:

Q. No. 1	MCQ Solve any 10 out of 15 (Based on all syllabus)	20 Marks
Q. No. 2 A	Attempt any 1 out of 2 (Based on unit I)	10 marks
Q. No. 2 B	Attempt any 2 out of 4 (Based on unit I)	10 marks
Q. No. 3 A	Attempt any 1 out of 2 (Based on unit II)	10 marks
Q. No. 3 B	Attempt any 2 out of 4 (Based on unit II)	10 marks
	Total	60 marks

The proposed pattern was approved unanimously.

Resolution.: It was resolved to accept the pattern of the term-end examination for regular as well as repeater/additional examination.

Proposed by Dr. Ashok Bingi   Seconded by Dr. Sadikali Shaikh

Item No. 7: To define the learning outcomes of the courses (course outcomes and program-specific outcomes)

Dr. Sarita Thakkar suggested that objectives and COs of the courses should be reflected on the website through the syllabus. In addition to the term-end examination, the online test may be conducted with the view to assess the learning outcomes after the successful completion of the syllabus.

Resolution: It was resolved to accept the objectives and COs of the courses through the syllabus. Term-end examination should be conducted with the view to assess the learning outcomes after the successful completion of the syllabus.

Proposed by Dr. Ashok Bingi   Seconded by Dr. Sarita Thakar

It is resolved unanimously that the syllabus of the bridge course for F.Y.B. Sc. and F.Y.B. Com was discussed and finalized.

Item No. 8: Any other subject with the permission of the Chairman.

No other matters were discussed and the meeting concluded with the vote of thanks by Mr. Hiremath.

The meeting ended at 5:30 pm.