

BOS in Mathematics Meeting Minutes of April 25, 2019

The meeting of the Board of Studies in Mathematics and Statistics of Athalye Sapre Pitre College, Devrukh was held on April 25, 2019 at 10.30 am in the hall no.8 of the college. The agenda was placed before the committee.

Name of the members who were present

1. Dr. Sapre Rajeev
2. Mr. Kshirsagar Dhananjay
3. Mr. Hiremath Channayya
4. Mrs. Gardi Sampada
5. Dr. M. H. Magdum
6. Mr. Uday Bhatye
7. Mr. Shubham Pachkudve.

The meeting commenced with the warm welcome of all the members of BOS by the BOS Chairman Hiremath by offering a flower as a token of love on the behalf of the college. The members of board of studies have been introduced by the Chairman to the other members of the Board of Studies.

To review and reframe the old syllabus of F.Y.B.Sc. Mathematics and F.Y.B.Com. Mathematical and Statistical Techniques

Mr. Hiremath reviewed the old syllabus of F.Y.B.Sc. Mathematics and F.Y.B.Com. Mathematical and Statistical Techniques. Dr. Rajeev Sapre started the discussion by saying that the current syllabus of F.Y.B.Sc. Mathematics is quite ok. But some Reordering in Paper –I is possible. So, he suggested that keep the Uni-I Real Number System, Unit-II Limit and Continuity of functions of one variable and Unit III Differentiability of functions of one variable in Sem.-1 and Unit I- Applications of differentiation Unit-II Sequences Unit-III- Series in Sem II to keep the flow. He also pointed that syllabus of Paper-2 is quite ok. Mr. Hiremath responded to Dr. Rajeev Sapre.

Mr. Kshirsagar accelerated the discussion by saying that some basic concepts along with examples such as Ratio, Proportion, Percentage and partnership must be kept in the syllabus of F.Y.B.Com. Mathematical and Statistical Techniques and it is needed. Mr. M. H. Magdum responded to Mr. Kshirsagar. So, it is decided that the said part is included in unit 2 of Sem-I by reducing some part of LPP.

Resolution: It is unanimously resolved that the changes modified in the old syllabus of F.Y.B.Sc. Mathematics and F.Y.B.Com. Mathematical and Statistical Techniques were accepted.

Proposed by Mr. Channayya Hiremath

Seconded by Dr. Rajeev Sapre

Annexure I: Draft of new syllabus.

Discussion on the Internal Evaluation system:

Mr. C. N. Hiremath, Chairman of the BOS in Mathematics informed about the existing evaluation process and semester pattern as per the University instructions/ ordinances. Based on the recommendations given by the examination committee, Mr. C. N. Hiremath informed that let the semester pattern be continued and evaluation/ examination pattern for each subject/ course be 70:30. Thirty marks will be allotted for the Continuous Internal Evaluation and 70 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 |
| 2) Active Participation in the class: - | 10 Marks |
| 3) Tutorials / Home assignments/: - | 10 Marks |
| Problem solving Seminars / | |
| Online Course Attendance | |

Resolution: It is unanimously resolved that Internal Evaluation System was approved.

Proposed by Mrs. Gardi Sampada

Seconded by Mr. Kshirsagar Dhananjay

Semester End External Examination pattern

The chairman of the BOS sighted into the external evaluation pattern also. He put forth the pattern of the external examination for 70 marks for F.Y.B.Sc. Mathematics before the BOS as per the following:

- a) There shall be FIVE questions. The first question Q₁ shall be of objective type for 10marks based on the entire syllabus. The next three questions Q₂, Q₃, Q₄ shall be of 15 marks, each based on the units I, II, III respectively. The fifth question Q₅ shall be of 15 marks based on the entire syllabus.
- b) All the questions shall be compulsory. The questions Q₂, Q₃, Q₄, Q₅ shall have internal choices within the questions including the choices; Maximum marks with options shall be 30.
- c) The questions Q₂, Q₃, Q₄, Q₅ may be subdivided in to sub-questions as a, b, c, d & e etc. and the allocation of marks depends on the weightage of the topic.

After discussion it was accepted by all members. Also, it is decided that pattern of the external examination of 70 marks for F.Y.B.Com. Mathematical and Statistical Techniques is as follows.

There shall be SIX questions. The first five questions Q₁, Q₂, Q₃, Q₄ and Q₅ shall be of 12 marks each based on the units I, II, III, IV and V respectively. The sixth question Q₆ shall be objective type for 10marks based on the entire syllabus. All the questions shall be compulsory. The questions Q₁, Q₂, Q₃, Q₄ and Q₅ shall have internal choices within the questions including the choices; Maximum marks with options shall be 24.

Practical Examination:

Also, chairman of the BOS sighted pattern of practical examination for F.Y.B.Sc. Mathematics is as follows.

No.	Question Pattern	Marks
Q.1	Short answer questions based on all syllabus	20
Q.2	Long Answer Questions (based on all syllabus)	15
Performance in Regular Practical's		05
Viva		05
Journal		05
Total		50

After discussion it was accepted by all members.

Preparation of the panel of external examiners and paper setters

Mrs. Gardi Sampada said that it is a need to prepare the panel of external paper setters, examiners and moderators for the F.Y.B.Sc. Mathematics and F.Y.B.Com. Mathematical and Statistical Techniques for the current academic year. It is decided that the selection will be based on the criteria of outside the vicinity. Rather the preference will be given to the persons belonging to the vicinity for the sake of convenience as the college resides in the utmost rural milieu.

Resolution: It is unanimously resolved that panel of external paper setters, examiners and moderators for the BSc. Mathematics was approved.

Proposed by Dr. Channayya Hiremath
Annexure II: Panel of examiners

Seconded by Dr. Rajeev Sapre

Proposed by Dr. Channayya Hiremath

Seconded by Mr. Mr. Kshirsagar Dhananjay

To start skill-based certificate courses for UG programmes

Dr. Rajeev Sapre recommended that Vedic Mathematics is our Indian mathematics which is very interesting and easy and helpful for the students who appear for competitive exam. Dr. Rajeev Sapre suggested certificate course on Vedic Mathematics. After discussion certificate courses viz. Vedic Mathematics, Soft Skill Certificate course, R software certificate course, Sage math software was finalized. It is resolved that among the above list at least two courses should be started from next academic year.

Resolution: It is unanimously resolved that skill-based certificate courses were accepted.

Proposed by Dr. Rajeev Sapre

Seconded by Prof. Mr. Uday Bhatye

Any other with permission of chairman

No other proposal.

Dr. Hiremath said that all the matters on the agenda have been discussed thoughtfully and the good decisions have been taken. He also said at this happy moment I take a privilege to thank everyone present for the BOS meeting and for fruitful discussions as well as their contribution in designing the syllabus.

The meeting was over at 12:30 am.