



# **SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE** **(Autonomous)**

(An Autonomous College Affiliated to Periyar University, Salem)

(Accredited by NAAC with 'A' Grade [3.27])

(Recognised 2(f) & 12(B) under UGC Act of 1956)

Vignesh Nagar, Katteri – 636 902, H. Eachampadi (Via),  
Uthangarai (Tk), Krishnagiri (Dt), Tamil Nadu

## **Minutes of the First PG (M.Sc. Mathematics) Board of Studies Meeting in Mathematics of Sri Vidya Mandir Arts & Science College (Autonomous)**

**Date: 12.03.2020 (Thursday)**

**Time: 02.00 P.M.**

**Venue: IQAC Hall**

The first PG (M.Sc. Mathematics) Board of Studies Meeting of the PG & Research Department of Mathematics was conducted as per the guidelines of the University Grants Commission (UGC) on 12.03.2020 at 02.00 pm in the Internal Quality Assurance Cell (IQAC) of this College. The following Members were present in the meeting.

### **Members Present**

- 1. Dr. C. Ragavan, M.Sc., M.Phil., Ph.D.** **Chairman**  
Assistant Professor & Head  
PG & Research Department of Mathematics  
Sri Vidya Mandir Arts & Science College  
Katteri – 636 902, Uthangarai  
Krishnagiri, Tamil Nadu
- 2. Prof. Dr. C. Selvaraj, M.Sc., M.Phil., Ph.D.** **University Nominee**  
Professor & Head  
Department of Mathematics  
Periyar University, Salem – 636 011, Tamil Nadu
- 3. Dr. Joseph Varghese, M.Sc., M.Phil., Ph.D.** **Subject Expert from Outside the  
Parent University**  
Professor  
Department of Mathematics  
CHRIST (Deemed to be University)  
Hosur Road, Bangalore – 560 029, Karnataka
- 4. Dr.A. Abdul Hakeem, M.Sc., M.Phil., Ph.D.** **Subject Expert from Outside the  
Parent University**  
Associate Professor  
Department of Mathematics  
Sri Ramakrishna Mission Vidyalaya  
College of Arts and Science (Autonomous)  
Coimbatore – 641 020, Tamil Nadu

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| <p>5. <b>Dr. Eswari Prem, M.Sc., M.Phil., Ph.D.</b><br/> Assistant Professor<br/> Department of Mathematics<br/> Government Arts College for Men<br/> Krishnagiri- 635 001, Tamil Nadu</p>   | <p><b>Subject Expert (Special Invitee)</b></p> |
| <p>6. <b>Mr. K. Kalaimani, M.Sc., M.Phil., B.Ed., SLET, (Ph.D.)</b><br/> Senior Process Enabler<br/> Tata Consultancy Services<br/> Think Campus, Electric City Phase II<br/> Bangalore – 560 100, Karnataka</p>   | <p><b>Industrial Representative</b></p>        |
| <p>7. <b>Dr. V. Govindan, M.Sc., M.Phil., Ph.D.</b><br/> Assistant Professor<br/> PG &amp; Research Department of Mathematics<br/> Sri Vidya Mandir Arts &amp; Science College<br/> Katteri – 636 902, Uthangarai<br/> Krishnagiri, Tamil Nadu</p>       | <p><b>Member</b></p>                           |
| <p>8. <b>Mr. P. Palani, M.Sc., M.Phil., SET, (Ph.D.)</b><br/> Assistant Professor<br/> PG &amp; Research Department of Mathematics<br/> Sri Vidya Mandir Arts &amp; Science College<br/> Katteri – 636 902, Uthangarai<br/> Krishnagiri, Tamil Nadu</p>  | <p><b>Member</b></p>                           |
| <p>9. <b>Mr. S. Jaikumar, M.Sc., M.Phil., (Ph.D.)</b><br/> Assistant Professor<br/> PG &amp; Research Department of Mathematics<br/> Sri Vidya Mandir Arts &amp; Science College<br/> Katteri – 636 902, Uthangarai<br/> Krishnagiri, Tamil Nadu</p>     | <p><b>Member</b></p>                           |
| <p>10. <b>Mr. M. Balamurugan, M.Sc., M.Phil., (Ph.D.)</b><br/> Assistant Professor<br/> PG &amp; Research Department of Mathematics<br/> Sri Vidya Mandir Arts &amp; Science College<br/> Katteri – 636 902, Uthangarai<br/> Krishnagiri, Tamil Nadu</p> | <p><b>Meritorious Alumnus</b></p>              |

The meeting was convened at 02.00PM. Dr. K. Arul, Principal of the College welcomed the Members of the Board of Studies (BoS) and handed over the proceedings to the Chairman of the BoS, Dr. C. Ragavan introduced each of the Members of the BoS and welcomed all the to the meeting welcomed and welcomed the all to the Meeting.

After a brief introduction to the duties and responsibilities of the BoS, the committee members indulged in to serious academic deliberations.

The agenda of the Meeting were taken up for discussion. The following points were discussed during the Meeting. Agenda wise resolutions made in the Meeting are given below:

### **AGENDA I**

**Preparation of syllabus for B.Sc. Mathematics degree course for the academic year 2020-2021 and thereafter.**

### **RESOLUTIONS**

The BoS unanimously suggested to reconstruct the UG Curriculum.

Further, in view of the job prospects of the students and deep understanding of Mathematics, the following suggestions were given.

1. For every paper, it was suggested to incorporate the following after the syllabus
  - a. Paper Objective
  - b. Learning Outcome
2. For every paper, it was suggested to identify latest textbooks and include them in the references
3. It was suggested to format all the syllabi using a standard template
4. It was suggested to provide standard reference style for all the references and textbooks
5. For every paper, it was suggested to include web resources
6. For every paper, it was suggested to include a supplementary resource, page number of respective sections from the textbook
7. Suggestion was given to remove MATLAB and include any open source programming language/mathematical tool

### **AGENDA II**

**Formulation of methodologies for innovative teaching and evaluation techniques.**

The committee members suggested to follow ICT mode of teaching. Further, it was suggested to motivate them for problem solving and provide quality assignments to the students.



### AGENDA III

#### **Preparation of scheme of examinations and question paper pattern.**

In view of bring out mathematically trained students, following suggestions were given.

1. Part A of the End Semester Examination can be given as an online test
2. Part B is suggested to have 3 questions (analytic) out of 5 each carrying 5 marks
3. Part C is suggested to have 5 questions each carrying 9 marks
4. Total duration of the exam is 3 hours (30 minutes for online test and 150 minutes for written examination)
5. Internal Assessment is suggested to be done in the following manner
  - a. No marks for attendance
  - b. Written examination for 10 marks
  - c. Seminar is for 5 marks
  - d. Open quiz based on Seminar for 5 marks
  - e. Problem solving or Article review is to be done weekly. This carries 5 marks
6. Individual project is to be given to the students. This could be given at the beginning of the second semester. During the summer vacation, serious work could be done. However, marks are to be allotted only during the fourth semester. Promote students to present papers in the conferences.
7. Several papers are to updated with the latest textbooks.

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