



St. Joseph's College of Arts and Science for Women (Autonomous)
Affiliated to Periyar University, Salem
Accredited with 'A' Grade by NAAC
Certified under 2(f) & 12(b) UGC Act 1956 | ISO 9001:2015 Certified Institution

Minutes of the First Board of Studies (BOS) Meeting

Department of Mathematics

Date: 09.10.2025

Time: 10:00 AM

Venue: M5- Mary's Block


Members Present

1. **Head of the Department concerned (Chairman)** – Dr. B. K. Jaleesha
2. **University Nominee** – Dr. V. Muthulakshmi, Professor, Department of Mathematics, Periyar University, Salem.
3. **Subject Experts (nominated by Academic Council)** –
 - Dr. Smita. S. Nagouda, Associate Professor, Center for Mathematical Needs, School of Sciences, Christ University, Bangalore.
 - Dr. B. Ganga, Associate Professor and Head, Department of Mathematics, Providence College for Women, Coonoor – 643 104.
4. **Industry Representative** – Mr. S. Ganesh Gurubaran, Senior Tech Analyst, HDFC Bank, Old Airport Road, Bangalore.
5. **Alumna** – Ms. B. Dilshad, Assistant Manager, State Bank of India, Mangalore.
6. **Faculty Members of the Department** –

Mrs. T. Mahalakshmi
Mrs. M. Meenakshi
Mrs. B. Deepa
Sr. Lincy Selestine. M
Mrs. S. Bhuvaneswari
Ms. A. Sowmiya
Mrs. A. Kalaivanitha

Welcome Address:

The meeting commenced with a warm welcome by the Chairman, Dr. B. K. Jaleesha, who extended greetings to all members and briefed the objectives of the First BOS meeting, stating that the Board of Studies is convened for both UG and PG programmes offered by the Department of Mathematics — B.Sc. Mathematics and M.Sc. Mathematics.


PRINCIPAL
ST. JOSEPH'S COLLEGE OF ARTS AND
SCIENCE FOR WOMEN (AUTONOMOUS)
Mookandapalli, SIPCOT-1,
Hosur - 635 126.



St. Joseph's College of Arts and Science for Women (Autonomous)

Affiliated to Periyar University, Salem

Accredited with 'A' Grade by NAAC

Certified under 2(f) & 12(b) UGC Act 1956 | ISO 9001:2015 Certified Institution

Agenda

Item No	Discussion / Particulars
BOS.MT.25_26.1.01	Discussion on the scheme for all the 6 semesters.
BOS.MT.25_26.1.02	Review and approval of the proposed syllabus of I and II semesters including POs, PSOs, COs, credits, Text books and Reference books.
BOS.MT.25_26.1.03	Review of the Equivalence matrix of the Autonomous syllabus
BOS.MT.25_26.1.04	Finalization of syllabus and first year course codes along with incorporation of Recommendations and Suggestions.
BOS.MT.25_26.1.05	Review and approval of the Inter Disciplinary Course
BOS.MT.25_26.1.06	Summarizing the Minutes of Meeting.

Agenda Items & Discussion

Item No. BOS.BT.25_26.1.01: Discussion on the scheme for all the 6 semesters for UG(B.Sc. Mathematics) programme and the scheme for all the 4 semesters for PG (M.Sc. Mathematics) programme.

- The scheme of examinations and distribution of courses across all six semesters was presented.
- **Suggestions Received:**
 - The overall course structure is well planned with a smooth academic progression.
 - A good balance between core and elective papers was appreciated
- **Resolution:** The Board unanimously approved the scheme for all semesters, appreciating the well-structured and balanced curriculum design.

Item No. BOS.MT.25_26.1.02: Review and approval of the proposed syllabus of I and II semesters including POs, PSOs, COs, credits, textbooks, and reference books

- The draft syllabus for I and II semesters along with Program Outcomes (POs), Program Specific Outcomes (PSOs), Course Outcomes (COs), credits, textbooks, and reference books was presented.
- **Suggestions Received:**
 - The syllabus is clear, comprehensive, and aligned with industry needs.
 - Web references can be included.

PRINCIPAL
ST. JOSEPH'S COLLEGE OF ARTS AND
SCIENCE FOR WOMEN (AUTONOMOUS)
 Mookandapalli, BIPCOT-1,
 Hosur - 635 126.



St. Joseph's College of Arts and Science for Women (Autonomous)
Affiliated to Periyar University, Salem

Accredited with 'A' Grade by NAAC

Certified under 2(f) & 12(b) UGC Act 1956 | ISO 9001:2015 Certified Institution

- **Resolution:** The Board appreciated the suggestions and resolved to maintain the clarity and industry alignment of the syllabus and ensure that web references incorporate multiple academic sources.

Item No. BOS.MT.25_26.1.03: To review and approve the Inter-Disciplinary Course – Essential Aptitude and Logical Thinking Course Code - 25UPEC601 proposed for inclusion in the curriculum, ensuring alignment with the institutional objectives

- The Board reviewed the proposed Inter-Disciplinary Course, which aims to enhance holistic learning by integrating knowledge across domains. The members appreciated the relevance of the course in promoting critical thinking, innovation, and application-oriented learning among students.
- **Suggestions Received:**
 - The PEC content is relevant to current academic and skill development trends
- **Resolution:** The Board appreciated the suggestions and resolved to maintain PEC content that is relevant to current academic and skill development

Item No. BOS.MT.25_26.1.04: To review the Equivalence Matrix prepared for the Autonomous syllabus in comparison with the University syllabus, ensuring academic parity and compliance with university norms.

- The Board examined the Equivalence Matrix prepared to map the Autonomous syllabus with that of the University, ensuring smooth transition and credit transfer for students.
- **Suggestions Received:**
 - The matrix shows strong alignment with university norms.
 - The clear of the autonomous syllabus with the university syllabus was Appreciated

Resolution: The Board approved the Equivalence Matrix and recommended it for submission to the Academic Council for final approval.

Item No. BOS.MT.25_26.1.05: Finalization of syllabus and first year course codes with incorporation of recommendations and suggestions

Semester	Course Code	Name of the Course – B.Sc. Mathematics
I	25UMA1C01	Algebra & Trigonometry
	25UMA1C02	Differential Calculus
	25UMA1SE1	Quantitative Aptitude

PRINCIPAL

**ST. JOSEPH'S COLLEGE OF ARTS AND
 SCIENCE FOR WOMEN (AUTONOMOUS)**

Mookandapalli, SIPCOT-1,
 Hosur - 635 126.



St. Joseph's College of Arts and Science for Women (Autonomous)

Affiliated to Periyar University, Salem

Accredited with 'A' Grade by NAAC

Certified under 2(f) & 12(b) UGC Act 1956 | ISO 9001:2015 Certified Institution

	25UMA1SE2	Logical Skills and Reasoning
II	25UMA2C03	Integral Calculus
	25UMA2C04	Analytical Geometry 2D & 3D
	25UMA2SP1	Financial Data Analysis with Excel (Practical)
	25UMA2SP2	Spreadsheet Techniques in Business Mathematics (Practical)

Semester	Course Code	Name of the Course – B.Sc. Mathematics (GSE OFFERED)
I	25UMA1A01	Linear Algebra-I
	25UMA1A02	Allied Mathematics - I
	25UMA1A03	Allied Mathematical Statistics- I
II	25UMA2A04	Linear Algebra-II
	25UMA2AP1	Linear Algebra Practicals
	25UMA2A05	Allied Mathematics - II
	25UMA2AP2	Allied Mathematics Practicals
	25UMA2A06	Allied Mathematical Statistics- II
	25UMA2AP3	Allied Mathematical Statistics Practicals

Semester	Course Code	Name of the Course – B.Sc. Mathematics (NME OFFERED)
I	25UMA1NM1	Mathematics for Competitive Examinations-I
I	25UMA1NM2	Mathematics for Everyday Life
II	25UMA2NM1	Mathematics for Competitive Examinations-II
II	25UMA2NM2	Recreational Mathematics

Semester	Course Code	Name of the Course - PEC
VI	25UPEC601	Essential Aptitude and Logical Thinking

PRINCIPAL

**ST. JOSEPH'S COLLEGE OF ARTS AND
SCIENCE FOR WOMEN (AUTONOMOUS)**

**Mookandapalli, SIPCOT-1,
Hosur - 635 126.**



St. Joseph's College of Arts and Science for Women (Autonomous)

Affiliated to Periyar University, Salem

Accredited with 'A' Grade by NAAC

Certified under 2(f) & 12(b) UGC Act 1956 | ISO 9001:2015 Certified Institution

Semester	Course Code	Name of the Course – M.Sc. Mathematics
I	25PMA1C01	Algebraic Structures
	25PMA1C02	Real Analysis-I
	25PMA1C03	Ordinary Differential Equations
	25PMA1C04	Graph Theory
II	25PMA2C05	Advanced Algebra
	25PMA2C06	Real Analysis -II
	25PMA2C07	Partial Differential Equations
	25PMA2CP1	Mathematical Algorithms using C++ (Practicals)

Semester	Course Code	Name of the Course – M.Sc. Mathematics (DSE)
I	25PMA1E01	Advanced Number Theory
	25PMA1E02	Differential Geometry
	25PMA1E03	Discrete Mathematics
II	25PMA2E01	Numerical Analysis
	25PMA2E02	Computational Mathematics
	25PMA2E03	Research Tools and Techniques

Semester	Course Code	Name of the Course – M.Sc. Mathematics (EDC -OFFERED)
I	25PMA1ED1	Mathematics for Life Sciences
	25PMA1ED2	Mathematics for Social Sciences
II	25PMA2ED3	Statistics for Life and Social Sciences
	25PMA2ED4	Game Theory and Strategy

- The syllabus is well organized, and the course codes are clearly structured.
- Faculty efforts in preparing the curriculum were appreciated by members.
- **Resolution:** The syllabus and course codes for UG and PG programmes were finalized and unanimously approved, incorporating the positive suggestions shared by the members.


PRINCIPAL
ST. JOSEPH'S COLLEGE OF ARTS AND
SCIENCE FOR WOMEN (AUTONOMOUS)
Mookandapalli, SIPCOT-1,
Hosur - 635 126.



St. Joseph's College of Arts and Science for Women (Autonomous)

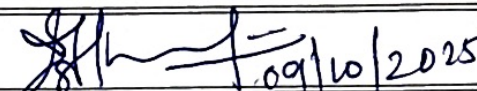



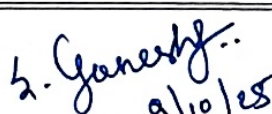

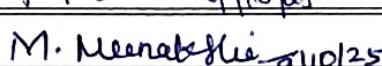
Affiliated to Periyar University, Salem

Accredited with 'A' Grade by NAAC

Certified under 2(f) & 12(b) UGC Act 1956 | ISO 9001:2015 Certified Institution

Item No. BOS.MT.25_26.1.06: Summarizing the Minutes of Meeting

- The external BOS members expressed their satisfaction towards the contents for each subject prepared by internal BOS members
- Board of Studies recommended the above resolutions to be presented in the Academic Council for Further Approval.
- The Chairman summarized all discussions and thanked the members for their valuable contributions.
- The meeting concluded with a vote of thanks.

Sl. No.	Name & Designation	Signature
1.	Dr. B. K. Jaleesha Head of the Department (Chairman)	 09/10/2025
2.	University Nominee Dr. V. Muthulakshmi, Professor, Department of Mathematics, Periyar University, Salem	 09/10/25
3.	Subject Expert Dr. Smita. S. Nagouda, Associate Professor, School of Mathematical Needs, School of Sciences, Christ University, Bangalore.	 09/10/25
4.	Subject Expert Dr. B. Ganga, Associate Professor and Head, Department of Mathematics, Providence College for Women, Coonoor - 643 104.	 9/10/25
5.	Industry Representative Mr. S. Ganesh Gurubaran, Senior Tech Analyst, HDFC Bank, Old Airport Road, Bangalore.	 9/10/25
6.	Alumna Ms. B. Dilshad, Assistant Manager, State Bank of India, Mangalore.	On-line
Members		
7.	Mrs. T. Mahalakshmi	 9/10/25
8.	Mrs. M. Meenakshi	 9/10/25



St. Joseph's College of Arts and Science for Women (Autonomous)
Affiliated to Periyar University, Salem
Accredited with 'A' Grade by NAAC

Certified under 2(f) & 12(b) UGC Act 1956 | ISO 9001:2015 Certified Institution

Sl. No.	Name & Designation	Signature
9.	Mrs. B. Deepa	
10.	Sr. Lincy Selestine M	
11.	Mrs. S. Bhuvaneswari	
12.	Ms. A. Sowmiya	
13.	Mrs. A. Kalaivanitha	

PRINCIPAL
ST. JOSEPH'S COLLEGE OF ARTS AND
SCIENCE FOR WOMEN (AUTONOMOUS)
Mookandapalli, SIPCOT-1,
Hosur - 635 126.



St. Joseph's College of Arts and Science for Women (Autonomous)
Affiliated to Periyar University, Salem
Accredited with 'A' Grade by NAAC

Certified under 2(f) & 12(b) UGC Act 1956 | ISO 9001:2015 Certified Institution



[Signature]

PRINCIPAL
ST. JOSEPH'S COLLEGE OF ARTS AND
SCIENCE FOR WOMEN (AUTONOMOUS)
Mookandapalli, SIPCOT-1,
Hosur - 635 126.



St. Joseph's College of Arts and Science for Women (Autonomous)

Affiliated to Periyar University, Salem

Accredited with 'A' Grade by NAAC

Certified under 2(f) & 12(b) UGC Act 1956 | ISO 9001:2015 Certified Institution



[Signature]

PRINCIPAL

**ST. JOSEPH'S COLLEGE OF ARTS AND
SCIENCE FOR WOMEN (AUTONOMOUS)**

**Mookandapalli, SIPCOT-1,
Hosur - 635 126.**