



**SEETHALAKSHMI RAMASWAMI COLLEGE**

**(AUTONOMOUS)**

**AFFILIATED TO BHARATHIDASAN UNIVERSITY**

**TIRUCHIRAPPALLI**

*Accredited with A+ by NAAC (4<sup>th</sup> Cycle)*



## **PG & RESEARCH DEPARTMENT OF MATHEMATICS**



**organizes**

**A Two-Day National Conference**

**on**

**Exploring Research Resources, Software Tools and  
Indian Knowledge System  
on Mathematical Innovations**

**Date : 23.02.2026 & 24.02.2026**

**Registration Link**

**<https://forms.gle/rrPZSiq2W8KCYwUD7>**

**Venue: Medha Saraswathi Hall**



# PROGRAMME SCHEDULE

**DAY 1: 23. 02. 2026**

**Prayer: 10.00 a.m. - 10.10 a.m.**

**Welcome Address**  
**10.10 a.m. - 10.20 a.m.**

**Dr.G. Shyamala**  
Head & Associate Professor  
PG & Research Department of  
Mathematics



**Inaugural Address**  
**10.20 a.m. - 10.45 a.m.**

**Dr. M.V. Alli**  
Principal  
Seethalakshmi Ramaswami College  
Tiruchirappalli-2



**Tea Break :10.45 a.m. - 11.00 a.m.**

**Session 1**  
**11.00 a.m. - 12.30 p.m.**

**Dr.R. Balasubramani**  
Professor  
Department of Library & Information science  
Bharathidasan University  
Tiruchirappalli, Tamilnadu , India



**Topic**

**Research Discovery Tools for Mathematics:  
Ensuring Originality and Journal Selection**

**Lunch Break: 12.30 p.m.- 01.15 p.m.**

**Session 2**  
**01.15 p.m. - 02.45 p.m.**

**Dr. K. Ramasamy**  
Librarian  
M.V.Muthiah Government Arts  
College for Women  
Dindigul, Tamilnadu, India



**Topic**

**Open Web Based Research Assistance**

**Tea Break : 02.45 p.m. - 03.00 p.m.**

**Session 3**  
**03.00 p.m. - 04.30 p.m.**

**Dr. Praveen Kumar Sahu**  
Head & Assistant Professor  
Department of Mathematics  
Govt. Shyama Prasad Mukherjee College  
Sitapur, Surguja, Chattisgarh, India



**Topic**

**Mathematical Modeling and Shock Wave**

**DAY 2: 24. 02. 2026**

**Session 1**

**10.00 a.m. - 11.30 a.m.**

**Dr. S. Usha**

Head & Associate Professor  
Department of Sanskrit  
Seethalakshmi Ramaswami College  
Tiruchirappalli-2



**Topic**

**Sacred Geometry to Scientific Calculation:  
The Indian Mathematical Legacy**

**Tea Break :11.30 a.m. - 11.45 a.m.**

**Session 2**

**11.45 a.m. - 01.00 p.m.**

**Dr. Richa Jain**

Head & Assistant Professor  
Department of Mathematics  
PMCOE, Govt . Postgraduate College  
Guna, Madhya Pradesh, India



**Topic**

**Astrology through the Lens of Mathematics**

**Lunch Break: 01.00 p.m.- 02.00 p.m.**

**Paper Presentation: 02.00 p.m. - 04.00 p.m.**

**Valedictory Session : 04.00 p.m. - 04.30 p.m.**

**Valedictory Address**

**Dr. S. Santhi**

Self-Financed Section In-charge  
Seethalakshmi Ramaswami College



**Presentation of Report**

**Dr. G. Janani Jayalakshmi**

Organizing secretary  
Assistant Professor  
PG & Research Department of Mathematics



**Vote of Thanks**

**Dr. S. Saraswathi**

Co - Convenor  
Associate Professor  
PG & Research Department of Mathematics



**All are Cordially Invited**



# Exploring Research Resources, Software Tools and Indian Knowledge System for Mathematical Innovations

## Research Resources



Digital Libraries & Journals • Math Repositories

## Software Tools



• Symbolic & Numerical Computation • Programming  
& Proof Assistants

## Indian Knowledge System in Mathematics



Zero & Place Value

Trigonometry & Algebra



Sulbasutras

Aryabhatiya



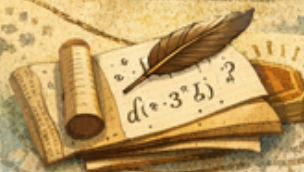
Infinite Series



Vedic Mathematics



Conferences & E-Learning



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Shodhganga

Global & Indian Platforms