



SRI SARADA COLLEGE FOR WOMEN (AUTONOMOUS)

Reaccredited with 'B++' Grade by NAAC

(Affiliated to Periyar University)

Salem-16

PG & RESEARCH DEPARTMENT OF MATHEMATICS

***Cordially invites you to the
UG Students' Seminar
on***

***Numerical Pathways to Enlightenment: Unveiling Bogar's
Hidden Mathematics
(IKS Based)***



Date : 01.08.2025
Venue : Sister Nivedita Auditorium
Time : 10.00 a.m. to 4.00 p.m.

PROGRAMME
INAUGURAL SESSION
(10.00 a.m. to 11.00 a.m.)

Prayer

Welcome Address : **R. Harini**
III B.Sc. Mathematics

Benediction : **Yatiswari Vinayakapriya Amba**
Directress,
Sri Sarada Educational Institutions,
Salem - 16.
Yatiswari Guhapriya Amba
Secretary,
Sri Sarada College for Women (Autonomous),
Salem - 16.

Releasing the Seminar Volume : **Dr. S. S. Gomathi, M.Sc., M.Phil., Ph.D.**
Principal,
Sri Sarada College for Women (Autonomous),
Salem - 16.

Receiving the Seminar Volume : **Dr. M. Sudha, M.Sc., M.Phil., Ph.D.**
HoD & Associate Professor,
PG & Research Department of Mathematics,
Sri Sarada College for Women (Autonomous),
Salem - 16.

Keynote Address (Online) : **Dr. A. Neeraja.**
Assistant Professor of Mathematics,
Sona College of Technology (Autonomous),
Salem - 5.

Vote of Thanks : **S. Poorvesha**
III B.Sc. Mathematics

TECHNICAL SESSION - I
(11.00 a.m. to 1.15 p.m.)

Chairperson : S. Janani, III B.Sc. Mathematics

Rapporteur : S. Poorvesha, III B.Sc. Mathematics

PAPER PRESENTATION

1. A Study of Mathematical Symbolism in Tamil Siddha Texts : **R. Pavithra, S. Poomieshasri & S. Sandhiya** III B.Sc. Mathematics
2. Geometrical Concepts in Bogar's Philosophical and Scientific Writings : **G. Divyabharathi, S. Kavya & B. Saritha** III B.Sc. Mathematics
3. Bogar's Numerical Mysticism and its Applications : **T. Afiya Nasreen, S. Hemapriya & S. Santhiya** III B.Sc. Mathematics
4. Insights from Bogar on Mathematical Proportions in Tamil Temple Architecture : **S. Shivashaylini, M. Soundarya & G. V. Thanyatha** III B.Sc. Mathematics
5. The Interplay between Mathematics and Spirituality in Bogar's Design of the Palani Temple : **Y. Monolisha & P. Mahagayathri** III B.Sc. Mathematics
6. Bogar and the Evolution of Tamil Mathematical Traditions : **C. Chamundeeswari, P. Deepika & V. Jeevika** III B.Sc. Mathematics
7. The Siddha Science of Saint Bogar:Unlocking the Secrets of the Universe : **A. Akshaya, B. Pavithra & D. Sangeetha** III B.Sc. Mathematics
8. The Mathematical Structure of Mantras and Yantras in Bogar's Teachings : **S. Madhumitha, K. Sushma & S. Rakini** III B.Sc. Mathematics
9. The Interplay of Mathematics and Alchemy in Bogar's Works : **V. Hemadharshini, S. Kasthuri & M. Umayra** III B.Sc. Mathematics
10. Bogar's Contributions to the Concept of Zero and Infinity in Tamil Mathematics : **E. Manjubala, C. Poorani & V. Poorvaja** III B.Sc. Mathematics
11. Bogar and the Mathematical Interpretation of Time Cycles in Siddha Science : **B. Dharshini, M. Divyadharshini & K. Malarvizhi** III B.Sc. Mathematics
12. Bogar's Theoretical Framework for Cosmic and Astronomical Mathematics : **M. Gopika, K. Nithya & P. Sangeetha** III B.Sc. Mathematics
13. Golden Ratios and Sacred Proportion in Bogar's Yogic Mathematics : **G. Sujitha, S. Sujitha & R. Vidhya** III B.Sc. Mathematics

Lunch Break: 1:15 p.m. - 02:00 p.m.

TECHNICAL SESSION - II

(2.00 p.m. to 3.30 p.m.)

Chairperson : Y. Monolisha, III B.Sc. Mathematics

Rapporteur : P. Mahagayathri, III B.Sc. Mathematics

PAPER PRESENTATION

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| 14. The Role of Bogar's in the Mathematical encoding of tamil Alchemical Formulae | : | G.Gokilapriya, V.Megavardhini & K.Lakshana III B.Sc. Mathematics |
| 15. Bogar's use of Mathematical Codes in Spiritual and Astronomical Texts | : | G. Kiruthika, M. Sankari & M. Swathi III B.Sc. Mathematics |
| 16. Bogar's Perspective on Mathematical Algorithms in Siddha Astronomy | : | E. Indhira, S. Rakshitha & V. Rakshitha III B.Sc. Mathematics |
| 17. A Mathematical Perspective on Numerical Significance in Tamil Siddha Medicine | : | M. Harini, A. Vidhyadharshini & S. Kanishka III B.Sc. Mathematics |
| 18. Bogar's Contributions to the Mathematical study of Vibrations and Sound Waves | : | S. Amirdhapriya, K. Magalakshmi & S. Sathyapriya III B.Sc. Mathematics |
| 19. Bogar's influence on early Indian Computational Techniques | : | S. Aarthi, R. Harini & S. Reena III B.Sc. Mathematics |
| 20. Comparative Study of Bogar's Mathematical Concepts and Classical Indian Mathematics | : | S. Janani & S. Poorvesha III B.Sc. Mathematics |

NPTel Videos on Indian Knowledge Systems

Outcome :

The participants will gain deep insight into

♦ *The numerical systems and coded structures embedded in the ancient Tamil Siddhar Bogar's works. This will reawaken interest in decoding Siddha texts using interdisciplinary approaches.*

VALEDICTORY FUNCTION : 3.30 p.m.

RAPPORTEURS' REPORT

VOTE OF THANKS

COLLEGE SONG