



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)
Approved by Government of Tamil Nadu and Accredited by NAAC with A++ Grade (3rd Cycle-3.64 CGPA) -NIRF Rank 75
Dr. N.G.P. Kalapatti Road, Coimbatore-641048, Tamil Nadu, India
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ICSSR - Sponsored NATIONAL SEMINAR ON MATHEMATICAL VISIONS OF INDIAN KNOWLEDGE SYSTEM FOR SOCIAL AWARENESS

Organized by
Department of Mathematics
March 25 & 26, 2025

Patrons

Dr. Nalla G Palaniswami
Chairman, Dr. NGPRET

Dr. Thavamani D Palaniswami
Secretary, Dr. N.G.P. Arts and Science College

Dr. Arun N Palaniswami
Trustee Dr. NGPRET

Mrs. Mathura V Palaniswami
Trustee Dr. NGPRET

Dr. O.T. Buvaneswaran
CEO Dr. NGPRET

Advisory Committee

Prof. Dr. P.R. Muthusamy
Director Academics, Dr.N.G.P. Educational Institutions

Prof. Dr. K. Ramamurthi
Director Academics, Dr.NGPASC

Seminar Chair

Prof. Dr. S.Saravanan
Principal, Dr.N.G.P. Arts and Science College.

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Dr. S. Manimekalai, Asso. Prof, Department of Mathematics

Organising Secretaries

Dr. R. Sowrirajan, HoD, Department of Mathematics

Dr. S. Gokilamani, Asst.prof - Department of Mathematics

Dr.K.Kavitha, Asst.prof - Department of Mathematics

Excutive Members

Staffs & Students - Department of Mathematics

Objectives of the Seminar

To Explore the Mathematical Insights Embedded in the Indian Knowledge System. Understanding ancient Indian Mathematical thought through key texts, principles, and historical figures. To Connect Ancient Mathematical Traditions with Social Science Methodologies. Analysing how Mathematical reasoning from ancient India can inform modern Social Science paradigms and research methods. To Examine the Relevance of Ancient Wisdom in Addressing Contemporary Social Challenges Exploring how ancient Mathematical traditions and knowledge frameworks can address modern issues such as inequality, governance and sustainable development.

Themes

- The relevance of Indian Mathematical traditional in modern.
- Mathematics. The influence of Indian Mathematics outside the Asia.
- Role of the Mathematics in Indian spiritual tradition.
- Concepts of infinity in Indian philosophy.
- Pedagogy of Mathematics in ancient India.
- Ancient Indian geometry.
- Mathematics in the vedas.
- Contribution of ancient Indian Mathematicians
- Mathematics and Social Justice in Ancient India.
- Educational Strategies in IKS for Social Awareness and inclusion.
- Mathematics in Social Services and Welfare Schemes.
- Economic and Trade Systems in Ancient India for Social Welfare.
- Women Mathematicians and their Contributions to Social Services.

About the College

Dr.N.G.P Arts and Science College was established by the Dr NGP Research and Educational Trust (Formerly Kovai Medical Center Research and Educational Trust) Coimbatore in 1997. The college incepted its educational journey with 4 Under Graduate Programmes and today it is emerged as one of the major academies in self-financing institutions in Tamil Nadu, India. The college conferred with the autonomous status in 2015-2016 by the UGC and is affiliated to Bharathiar University, Coimbatore. The College was accredited by the NAAC with 'A++' Grade in the Third cycle and ranked no. 75 by NIRF.

About the Department

The Department of Mathematics was established in the year 1997. The department offers undergraduate course B.Sc. Mathematics & postgraduate course (M.Sc.) and a research program (M.Phil.). It is elevated to full - fledged research department with the introduction of Doctoral degree in 2018 (Ph.D.). The main objective of the department is to introduce the curriculum with the latest developments and to promote in-depth knowledge in research.

Important Dates

Full Paper Submission : 20.03.2025

Registration : 25.03.2025

Paper Submission Details

Full Paper Should be submitted as word document in Times new Roman, 12 - font with maximum of 10 pages to the mail id: iks2k25@gmail.com.

Publications

All registered and presented papers will be published in a Book with ISBN Number

Registration

Registration Fee : 300/ (Including GST)

Resource Persons

Dr. S. Meenakshi

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Vels Institute of Science Technology and Advanced Studies,
Chennai

Dr. M.Azhagappan

Dean Academic Affairs
UGC Master Trainer in IKS
Associate Professor and Head
Department of Mathematics
Yadava College
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Dr.Ramasubbu

Associate Professor
Department of Biology
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Dr. T. Pandiyarajan

Head of Department,
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Scan To Register



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