

**MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS),
PASUMALAI, MADURAI-4
PG & RESEARCH DEPARTMENT OF MATHEMATICS**

CONFERENCE , SEMINAR, WORKSHOP - 2022-2023

Sl.No	Date	Title	Conference, Seminar, Workshop
1	07.10.2022	National Conference on Current Trends in Applied Mathematics &IPR	Conference

**MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS),
PASUMALAI, MADURAI-4**

PG & RESEARCH DEPARTMENT OF MATHEMATICS

**TITLE : NATIONAL CONFERENCE ON “CURRENT TRENDS IN APPLIED
MATHEMATICS & IPR”**

DATE : 07.10.2022

VENUE: MAJOR DONAR G.SUNDARAJAN SEMINAR HALL

BROCHURE

<p>MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous) PASUMALAI, MADURAI-625004. PG and Research Department of Mathematics National Conference On "CURRENT TRENDS IN APPLIED MATHEMATICS & IPR" (CTAM & IPR - 2022) 07th October 2022</p> <p>Registration Form</p> <p>Name : Gender : Designation : Department : Institution : Address for Communication : Mobile No : E-Mail ID : Participation Category: Academician / Research Scholar / Student Payment Details : Date of payment : Transaction Id : Presenting a Research paper: Yes / No If yes, Title of the paper : Date: Signature of the Candidate (or) Registration Link: https://forms.gle/WGwESoA98kqLj5hH9 <i>Spot registration is also available</i></p>	<p>IMPORTANT DATES</p> <ul style="list-style-type: none">• Last date for Submission of Abstract: 30.09.2022• Last date for Submission of Full-Length Paper: 07.10.2022 <p>Chief Patrons</p> <p>Er.S.Rajagopal, B.E., <i>President</i> Mr.M. Vijayaragavan, B.A., <i>Secretary</i> Mr. A. Alwarsamy, M.A., <i>Treasurer</i> Mr. R. Jeyaram, B.A., <i>Vice-President</i> Mr. K. Rajendrababu, <i>Asst. Secretary</i></p> <p>Patron</p> <p>Dr.S.Venkateswaran, M.Com., M.Phil., PGDCA, Ph.D., <i>Principal (I/c)</i></p> <p>Co-Patron</p> <p>Dr. A. Hamari Choudhi, M.Sc., M.Phil., Ph.D., <i>Head of the Department</i></p> <p>ORGANIZING SECRETARIES</p> <p>Dr. A.Arivu Chelvam, M.Sc., M.Phil., Ph.D., Assistant Professor of Mathematics Cell: 98944 46217</p> <p>Dr.S.Andal, M.Sc., M.Phil., Ph.D., Assistant Professor of Mathematics Cell: 99949 06108</p> <p>Members</p> <p>Dr. R. Bhavani, M.Sc., M.Phil., Ph.D., Dr. V. Ramachandran, M.Sc., M.Phil., Ph.D., Dr. P. Chitra devi, M.Sc., M.Phil., Ph.D., Mrs. S. Ragavi, M.Sc., M.Phil., SET Dr. M. Saravanan, M.Sc., M.Phil., Ph.D., SET Mrs. R. Sumathi, M.Sc., M.Phil., SET</p>	<p></p> <p>MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS) (Affiliated to Madurai Kamaraj University) (Founded by the Tamil Nadu Naicker Mahajana Sangam) (A Linguistic Minority Co-Educational Institution) (Re-Accredited with 'A' Grade by NAAC) Pasumalai, Madurai-625004.</p> <p>NATIONAL CONFERENCE ON CURRENT TRENDS IN APPLIED MATHEMATICS & IPR (CTAM & IPR-2022) (Under UGC Autonomy Grant)</p> <p>07th October 2022</p> <p><i>Organized by</i> PG and Research Department of Mathematics MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS) PASUMALAI, MADURAI-625004.</p>
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Dear Mathematicians,

The PG and Research Department of Mathematics, Mannar Thirumalai Naicker College, Madurai, is organizing a National conference "CTAM & IPR- 2022" on the most auspicious moment of "7th October 2022".

We cordially invite you to the conference. We also request your active participation and support.

Dr.S.Venkateswaran **Dr.A. Hamari Choudhi**
Principal(i/c) Head of the Department

ABOUT THE COLLEGE

Mannar Thirumalai Naicker College has found a distinct spot in inception in 1974. The institution has witnessed an exponential growth in the last four decades. At present, the College offers 22 Undergraduates, 8 Postgraduates, 3 M.Phil and 4 Ph.D programmes. In addition to this 6 Diploma programmes, 2 Postgraduate Diploma programmes, 2 B.Voc programme especially offered by the Community College, a unit of MTNC. At present, 3893 students are pursuing higher education. 190 Faculty Members and 66 Administrative Staffs are working with all commitments and devotion. Our College is Re-Accredited with 'A' grade by NAAC.

ABOUT THE DEPARTMENT

The Department of Mathematics of our College was started in the academic year 1979 - 1980. It was upgraded into a Post-Graduate department in the academic year 1986 - 1987 and M. Phil Degree course has been introduced in the academic year 2000-2001. The Department was upgraded as Research Department on 23.02.2017. Our department has a team of qualified, experienced and dedicated 9 faculty members in which 7 are doctorates, 2 are pursuing. Three faculty members are qualified

with TNSET. The department has four recognized guides. Our department is specialized in Topology, Graph Theory, Fuzzy Graphs, Fuzzy Optimization Techniques and Stochastic Inventory Systems. 11 Ph.D. candidates have registered under the guidance of our department guides. The Department strives to maintain high standards of teaching and is keen in organizing National and International Conferences periodically.

ABOUT THE CONFERENCE

The Department of Mathematics has arranged this conference to create awareness in the minds of enthusiastic students and scholars in the field of Mathematics. According to the Mathematical world, research is different in the way of looking. In this conference, we can explore some of these differences in theory and applications. Due to the importance of theory and applications, broad research is going on in Mathematics and discuss about Patent Filing.

OBJECTIVE OF THE CONFERENCE

The objective of the National Conference is to highlight the present development in Mathematics and bring out recent excellent research works with applications and also discuss various latest real-life problems with new ideas and developments in Mathematics and Intellectual Property Rights with innovative concepts with innovative ideas. The conference intends to provide an ideal platform for young researchers throughout the nation to interact and exchange their views & ideas with eminent Mathematicians from premier institutions.

CALL FOR PAPERS

We invite original and unpublished research paper from academicians, scholars and students in the following areas for presentation.

Graph Theory, Differential Equations, Stochastic Models, Discrete Mathematics, Topology, Fuzzy Optimization Techniques and any other topics related to Mathematics.

The selected papers will be published in the UGC CARE list Journal after getting the consent from the authors.

INVITED SPEAKERS

Dr. R. KALA, M.Sc., M.Phil., M. Ed, Ph. D.,
Professor,
Department of Mathematics,
Manonmaniam Sundaranar University,
Tirunelveli - 627012.

Dr. T. ASIR, M.Sc., M.Phil., Ph. D.,
Associate Professor,
Department of Mathematics,
Ramanujan School of Mathematical Sciences,
Pondicherry University, Pondicherry - 605014

Mr. B. AHILAN, M.Sc., MBA, Mphil, PGDIPR,
Deputy Controller of Patents & Designs
Patent Office,
(Ministry of Commerce and Industry,
Department for Promotion of Industry and
Internal Trade, Government of India)
Intellectual Property Building, Chennai - 600032.

SUBMISSION GUIDELINES

The authors are informed to send the soft copy of abstract (MS Word format with 1.5 line spacing, Times New Roman with font size 12, A4 paper size) to the Organizing Secretary through ctam2022mtnc@gmail.com on or before 30.09.2022

REGISTRATION FEE & PAYMENT DETAILS

Faculty : Rs.300
Research Scholars & Students : Rs.200

G PAY: 9994906108

- The fee includes Conference kit, refreshment and lunch.

Inaugural Address



Report on Current Trends in Applied Mathematics & IPR – 2022 (CTAM & IPR -2022)

Dr. R.KALA , Professor, Department of mathematics , Manonmaniam Sundaranar University , Tirunelveli delivered a key note address and gave a plenary talk on “ some New Graph Parameters” .

Dr.T.Asir, Associate Professor , Department of Mathematics , Ramanujan School of Mathematica; Sciences, Pnodicherry, Pondicherry addressed the gathering and gave a plenary talk on “ Introduction to Graphs and Algebra

Mr. B.Ahilan , Deputy Controller of Patents & Designs Patent Office, Intellectual Property Building , Chennai gave a plenary talk on “Identifying Intellectual Property Components at early stage of Innovation”.

Faculty , Research Scholars and Students from sixteen Colleges and Two Hundred and Thirty Five Students were participated and Seventeen Research Papers presented in the national conference. This conference inspired and motivated the Faculty , Research Scholars and students to get the idea about Mathematics and Intellectual Property Rights.