MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, (Autonomous) VANIYAMBADI
(A Project of Sri Marudhar Kesari Jain Trust)

Recognised u/s 2(f) & 12(B) by UGC Act, 1956-Permanently Affiliated to Thiruvalluvar University

Accredited by NAAC with "A+" Grade (4 th Cycle) – An ISO 21001:2018 EOMS Certified Institution

Supported by DST – FIST

31 Years of Educational Excellence...

PG and Research Department of Mathematics
Organizes
International Conference Interdisciplinary Research on Mathematics and Statistics
ICIRMS – 2024 : 18.12.2024

INVITATION

Important Dates:

Last date for
Abstract Submission : 08.12.2024
Notification
of Acceptance : 11.12.2024
Last date for Full
Paper Submission : 14.12.2024
Last date for
Registration : 17.12.2024

Registration fee

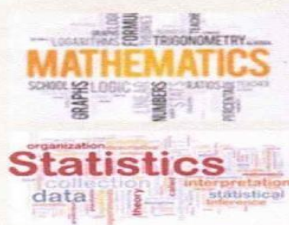**Paper Presentation:** Hybrid Mode

Faculty / Industrialist /
Research Scholar : Rs. 500
Students : Rs. 300
Online Presentation : Rs. 300
For Participants : Rs. 200
Spot registration is available at
MKJC on 18.12.2024 at 09.15 am
(with prior information).

Contact Details:

Ms S.Semmalar: 9600365231,
Ms K.Rajeswari: 9976622063
Email ID:
mathsconference@mkjc.in

Bank Details:

Account Holder
Name : Ms.S.Jeevitha
Bank Name : ICICI Bank
Account Number : 619101502917
IFSC Code : ICIC0006191
Mobile Number : 8870900142

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Department of Mathematics
Ms.K. Rajeswari
Head & Assistant Professor
Department of Statistics

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Ms. N.Mahalakshmi — Asst. Professor
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Ms. J. Ayisha Siddiqa — Asst. Professor
Ms. J. Noorul Marliya — Asst. Professor
Ms. N. Sarigha — Asst. Professor

MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS)

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Accredited with "A+" Grade by NAAC (4 cycle) -
Supported by DST-FIST
Marudhar Nagar, Chinnakaluppalli,
Vaniyambadi-635 751, Tirupattur, Tamilnadu.
www.mkjc.in

SCHOOL OF PHYSICAL SCIENCES

PG & RESEARCH DEPARTMENT OF MATHEMATICS
&
DEPARTMENT OF STATISTICS

Organizes

International Conference
on

"Interdisciplinary Research on Mathematics & Statistics"

ICIRMS-2024

18th December 2024, Wednesday

Registration Link:
https://forms.gle/pjzdxAw7AZ7n5ZeS6

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for Women
Vaniyambadi - 635 751

About MKJC

Marudhar Kesari Jain College for Women, Vaniyambadi (31 Years of Excellence) MKJC, established in the year 1994, Recognized under Sec. 2(f) & 12(B) of UGC Act 1956, approved by Govt. of Tamilnadu and Permanently Affiliated to Thiruvalluvar University. It has been Accredited with "A+" grade by NAAC, Bengaluru (4th Cycle) and certified by BSI as an ISO 21001:2018 (EOMS) Certified Institution and supported by DST-FIST. The focus of the College is RURAL DEVELOPMENT by enhancing Women Education, especially those from inclusive society with RIGHT KNOWLEDGE and makes them self - sufficient to develop holistic personality and excellence in their walks of life. The College is offering 20 UG Courses, 15 PG Courses and 10 Ph.D Programme with 3000+ Students, 192 Teaching, 175 Non Teaching Staff and 7 Sports Coaches. MKJC offers holistic education, which combines the qualitative aspects of academic and technical advancements of the industry. MKJC trains the students to be equipped with knowledge and experience, which can be Applied in real-time and help to make a significant difference. The Institution also believes Success is in creating tomorrow's leaders.To extend and support the dreams of the rural and economically backward students, MKJC is associated with Distance Education wings of Mother Teresa Women University | University of Madras | TNPESU | ICSI

About Mathematics Department

The Department of Mathematics established in the year 1994 with UG program and it offers PG since 2000. The Department offers research programme Ph.D from 2022. The objective of the Department is to equip students with the skills & knowledge to succeed academically & to apply Mathematical thinking to everyday life.
The Department organizes a variety of events, including international conferences, workshops, hands-on training sessions, competitions, seminars and guest lectures. These initiatives aim to foster academic, professional and personal growth, creating a dynamic and engaging environment.

The Department has its credits, organised National Mathematics Day funded by TNSCHE for two years in the academic year 2022-2023, 2023-2024 consequently.

About Statistics Department

The Department of Statistics, established in 2018, is dedicated to fostering analytical thinking and quantitative skills among students. With a commitment to academic excellence, it offers a comprehensive curriculum encompassing foundational and advanced statistical concepts. Students benefit from practical exposure through hands-on training in statistical software and real-world data analysis projects. The department emphasizes research and innovation, preparing graduates for diverse careers in fields such as data science, finance, healthcare, and academia. Supported by a team of dedicated faculty members, the department nurtures critical problem-solving abilities, empowering students to excel in the dynamic and evolving domain of statistics and data analytics.

Objectives of the Conference

- This conference aims to inspire the perspective of Mathematics and Statistics into diverse fields, addressing global challenges, advancing technology and deepening the understanding of their significance in everyday life.
- To stimulate new ideas, innovative approaches and research questions that attendees can pursue in their professional work or future studies.
- To offer a platform for mathematicians, researchers and educators to present their latest research, theories, and discoveries, fostering collaboration and knowledge exchange.

Invited Speakers

Dr. M.Syed Ali
Associate Professor
Department of Mathematics
Thiruvalluvar University
Vellore

Dr. Anumolu.Goparaju
Deputy Director Quality Assurance and Monitoring
Directorate of Quality Assurance
Assistant Professor (Statistics)
School of Mathematics and Computing
Kampala International University
Uganda

Call for Papers

Original and Unpublished research articles are invited. Related to the areas of Mathematics & Statistics but not limited to

1. Contemporary Algebra
2. Graph Theory
3. Differential Equations
4. Difference Equations
5. Functional Analysis
6. Numerical Methods
7. Stochastic Process
8. Descriptive Statistics
9. Probability Theory
10. Statistical Inference
11. Operations Research
12. Mathematical Applications in Life Science
13. Neural Networks
14. Artificial Intelligence
15. Data Science
16. Machine Learning

Research Papers on other related Applied Mathematical Science are also welcome

Conference Publication

- An abstract should be submitted within 500 words
- The final paper should contain Title, Name, Designation, Relevant Discipline, Address, Email ID and Contact Number.
- For a presentation, maximum of two members are allowed. Both Author and Co-Author must pay the registration fees separately.
- The Paper should be in Times New Roman in 12 Size A4 Format, 1.5 Line Spacing.
- The length of the paper should not exceed 5-6 Pages including tables, figures, references etc.
- The paper must be original content.
- All submitted papers will undergo plagiarism checking. Only selected papers will be published in an ISBN journal.
- There will be no TA/DA.
- All research manuscripts must be submitted as soft copies both in PDF & word format to the email address:mathsconference@mkjc.in

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PG & RESEARCH DEPARTMENT OF MATHEMATICS
AND
DEPARTMENT OF STATISTICS

Organizes

International Conference on

INTERDISCIPLINARY RESEARCH ON MATHEMATICS & STATISTICS

ICIRMS-2024

18.12.2024

AGENDA

➢ PRAYER

➢ TAMIL THAI VAZHTHU

INAUGURAL SESSION

➢ WELCOME ADDRESS   : **C. Haneeya Sharqeen**
  I M.Sc Mathematics

➢ FELICITATION   : **Dr. M. Inbavalli**
  Principal

➢ INTRODUCTION OF GUEST : **S. Niha** II M.Sc Mathematics

➢ HONORING THE GUEST   : Management Trustees

Session-I

  TOPIC: : **Neuro Cryptography**
  RESOURCE PERSON   : **Dr. M. Syed Ali**
  Associate Professor,
  Department of Mathematics
  Thiruvalluvar University, Vellore

BREAK

Session-II

TOPIC	:	**Advancing Quality Research Hypothesis, Models, AI Tools and Grant Strategies**
RESOURCE PERSON	:	**Dr. Anumolu.Goparaju**

Deputy Director Quality Assurance and
Monitoring Directorate of Quality Assurance
Assistant Professor (Statistics),
School of Mathematics and Computing
Kampala International University, Uganda.

LUNCH

Session–III

PAPER PRESENTATION : Hybrid

➤ VALEDICTORY SESSION

➤ DISTRIBUTION OF CERTIFICATES

➤ FEEDBACK

➤ VOTE OF THANKS   : M. Ramya III B.Sc Statistics

NATIONAL ANTHEM

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REPORT

MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS), VANIYAMBADI

31 Years of Educational Excellence...

Activity Report

Topic	International Conference on "INTERDISCIPLINARY RESEARCH ON MATHEMATICS & STATISTICS" ICIRMS-2024		
Organized By	PG & Research Department of Mathematics & Department of Statistics		
Type of Activity	International Conference		
Level	International		
Date	18/12/2024	Time	10.00am – 04.00pm
Venue	Old Seminar Hall	Mode	Conference: Offline Mode Presentation: Hybrid Mode
Resource Person Details	1.Dr. M. Syed Ali Associate Professor, Department of Mathematics, Thiruvalluvar University, Vellore. 2. Dr. Anumolu Goparaju Deputy Director Quality Assurance and Monitoring, Directorate of Quality Assurance, Assistant Professor(Statistics), School of Mathematics and Computing, Kampala International University, Uganda.		
Objective of the Programme	• To provide a global platform for researchers, academicians, and professionals from diverse fields to engage in discussions on the latest advancements and interdisciplinary applications of mathematics and statistics. • To inspire the perspective of Mathematics and Statistics into diverse fields, advancing technology and depending the understanding of their significance in everyday life.		
Internal Participants Count	Students :121 Staffs: 19	External Participants Count	Students: 42 Staffs: 5

Summary

The programme was started with the fine tune of prayer song followed by Tamilthai Vazhthu. C. Haneeya Sharqeen, I M.Sc Mathematics, welcomed the gathering with her warm words. Dr. M. Inbavalli, Principal felicitated the gathering. The principal honored the Guest and special Invitees with shawl. Chief Guest introduction was given by S. Niha II M.Sc Mathematics. The Department of Mathematics staffs published a Book on "Statistical Methods and its applications – I".

In the first session, Dr. M. Syed Ali, Associate Professor, Department of Mathematics, Thiruvalluvar University, Vellore briefly illustrated on the topic "Neuro Cryptography". He explored how artificial neural networks can be used to enhance cryptographic algorithms. The presentation likely touched upon the challenges and limitations of current Neuro Cryptography research. He presented a promising new approach to secure communication with unique advantages over traditional methods.
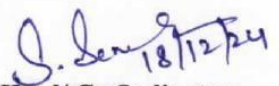
In the second session, Ms. B. Sangeetha, Assistant Professor, Department of Statistics introduced the chief guest, Dr. Anumolu Goparaju, Deputy Director Quality Assurance and Monitoring Directorate of Quality Assurance, Assistant Professor (Statistics), School of Mathematics and Computing, Kampala International University, Uganda. He briefly explained on the topic "Advancing Quality Research Hypothesis, Models, AI Tools and Grant Strategies" through Online. He focused on enhancing the quality and effectiveness of research and discussed the importance of sound theoretical frameworks in hypothesis development. He addressed the ethical considerations and potential biases associated with AI in research.
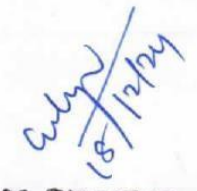
In the third session, More than 50 faculties, research scholars and students from different corners of the country has participated and presented their papers through offline and online mode in this conference. Certificates were presented to the faculties, research scholars and students. Then students gave their valuable feedback of our conference.

The programme was concluded with vote of thanks by M. Ramya, III B.Sc Statistics followed by National Anthem.

Outcome of the Programme

The **ICIRMS-2024** provided a highly interactive and engaging platform for researchers, academicians, and professionals to share knowledge, discuss new trends, and explore potential collaborations. The interdisciplinary nature of the conference allowed for a diverse range of ideas, making it clear that mathematics and statistics are central to solving problems across a variety of domains
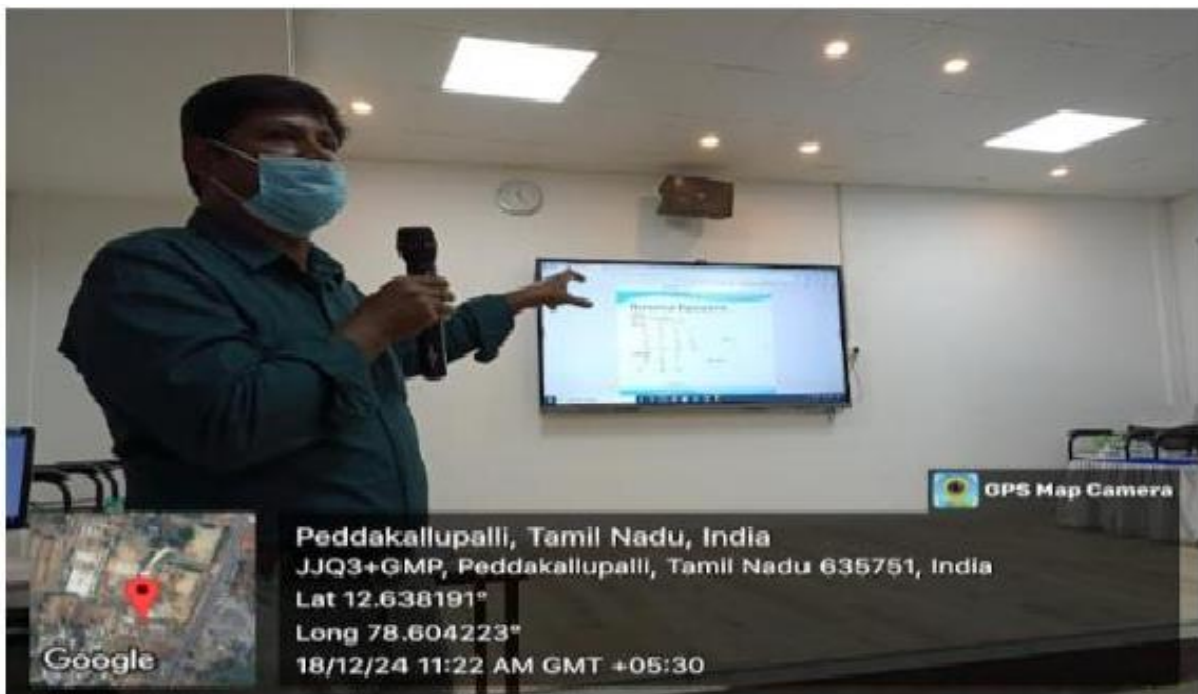
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PHOTOS

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Long 78.604156°
18/12/24 11:28 AM GMT +05:30

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