



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI

(A Project of Sri Marudhar Kesari Jain Trust)

Recognized u/s 2(f) & 12(B) of UGC Act 1956 Re-Accredited with "A" Grade by NAAC (3rd Cycle)
Permanently Affiliated to Thiruvalluvar University An ISO 21001:2018 Certified Institution



DEPARTMENT OF STATISTICS ORGANIZED

INTERNATIONAL CONFERENCE ON

"CONTEMPORARY EVOLUTION IN MATHEMATICS & STATISTICS" 29.02.2024

INVITATION

Important Dates:

Last date for
Abstract Submission : 20.02.2024
Notification
of Acceptance : 23.02.2024
Last date for Full
Paper Submission : 26.02.2024
Last date for
Registration : 27.02.2024

Registration Details (online/ offline)

Faculty / Industrialist : Rs. 500
Research Scholar : Rs. 500
Students : Rs. 300
Participants : Rs. 200
Spot registration is available at
MKJC on 29.02.2024 at 09.15 am
(with prior information).

Contact Details:

9600365231, 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



ORGANIZING COMMITTEE

Members of the Management

Sri. M. Vimmal Chand Jain	Ambur
Sri. C. Lickmichand Jain	Ambur
Sri. J. Rathanlal Jain	Vaniyambadi
Sri. K. Rajesh Kumar Jain	Vellore
Sri. N. Sripal Kumar Jain	Vaniyambadi
Sri. K. Anand Kumar Jain	Tirupattur
Sri. N. Lalith Kumar Jain	Vaniyambadi
Sri. S. Naveen Kumar Jain	Vaniyambadi
Sri. U. Rishab Jain	Vaniyambadi

Chief Patron

Sri. C. Lickmichand Jain

Secretary

Patron

Dr. M. Inbavalli

Principal

Convenors:

Ms.C. B. Sumathi

Vice Principal

Head & Assistant Professor

Department of Mathematics

hod.maths@mkjc.in

Ms.K. Rajeswari

Head & Assistant Professor

Department of Statistics

hod.stat@mkjc.in

Co-ordinators:

Ms. S. Semmalar	Asst. Professor
Ms. N.Mahalakshmi	Asst. Professor
Ms. G. Shenbagavalli	Asst. Professor
Ms. S. Susitha	Asst. Professor
Ms. S. Jeevitha	Asst. Professor
Ms. G. Aruna	Asst. Professor
Ms. C. Nithya	Asst. Professor
Ms. K.Sulochana	Asst. Professor
Ms. M. Saranya	Asst. Professor
Ms. S. Gomathi	Asst. Professor
Ms. K. Archana	Asst. Professor
Ms. P.G. Monisha	Asst. Professor
Ms. S. Vinothini	Asst. Professor
Ms. C. Arivumani	Asst. Professor
Ms. B. Sangeetha	Asst. Professor



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Marudhar Nagar, Chinnakallupalli,
Vaniyambadi-635 751, Tirupattur, Tamilnadu.
www.mkjc.in

International Conference on

"Contemporary Evolution
in Mathematics &
Statistics"

ICCEMS-2024

29th February 2024, Thursday

Organized by

PG & RESEARCH DEPARTMENT
OF MATHEMATICS



DEPARTMENT OF STATISTICS

Registration Link:

<https://forms.gle/GjSrTdGDEtdamqyz8>

Mode of Conference: Hybrid Mode



About MKJC

Marudhar Kesari Jain College for Women, Vaniyambadi (30 Years of Excellence) MKJC, established in the year 1994, Recognized under Sec. 2(f) & 12(B) of the UGC Act 1956, approved by Govt. of Tamilnadu, and Permanently Affiliated to Thiruvalluvar University. It has been accredited with 'A' grade by NAAC, Bengaluru (3rd Cycle) and certified by BSI as an ISO 21001:2018 (EOMS) Certified Institution. 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 18 UG Courses, 15 PG Courses, 7 M.Phil Courses and 10 Ph.D Programme with 3000+ Students, 189 Teaching, 179 Non Teaching Staff and 7 Sports Coaches. MKJC offers holistic education, which combines the qualitative aspects of academia and technical advancements of the industry. MKJC trains its 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 with Industry readiness. To extend and support the dreams of the rural and economically backward students, MKJC is associated with Distance Education wings of Mother Teresa Womens University | University of Madras | TNPESU | ICSI

About Mathematics Department

The Department of Mathematics established in the year 1994 with UG course and it offers PG since 2000. The Department offers research programme M.phil from 2012 and Ph.d from 2022. The objective of the Department is to enhance student knowledge towards global perspective and skill oriented. The department is well known for its teaching and learning process of quality education. The department organizes International conferences, workshops, Hands on training, competitions, seminars, Guest lectures to inculcate the skills of students to face contemporary growth in Mathematics

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 was established in the year 2018. Learning outcomes of Statistics are aimed at facilitating the learners to acquire attributes, keeping in view of their preferences and aspirations for gaining knowledge of Statistics.

We engage with sample surveys, Econometrics, Biostatistics and Operations Research, Rigorous Methods, Tool and Techniques to shift through a maze of data and comment on it in an informed manner.

Objectives of the conference

- This conference is aimed to educate the research audience to get interest and practice in the field of social theory.
- To communicate and discuss research finding of Contemporary evolution in Mathematics and Statistics for Academician, Research Scholars and Students.
- To reflect Research on teaching Mathematics bears a great learning for the scholars and students

Invited Speakers

Dr.Riyaz Khan
Professor

Department of Mathematics
University of Technology and
Applied Sciences, Oman.

Dr. M Yamuna
Professor (Grade I)
Department of Mathematics
School of Advanced Sciences
VIT University, Vellore.

Dr.G.Kumarapandiyam
Assistant Professor
Department of Statistics
Madras Christian College
Chennai.

Call for Papers

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

- 1.Algebra
- 2.Real Analysis
- 3.Complex Analysis
- 4.Graph Theory
- 5.Differential Equations
- 6.Difference Equation
- 7.Functional Analysis
- 8.Numerical Methods
- 9.Operations Research
- 10.Stochastic Process
- 11.Statistical Inference
- 12.Descriptive Statistics
- 13.Life Science
- 14.Biological Science

Conference Publication

- An abstract not exceeding 500 words shall be submitted
- The final paper should contain Title, Name, Designation, Relevant Discipline, Address, Email ID and Contact Number.
- No. of Authors: Max 2 members, Author and Co- Authors should pay Registration fees separately.
- The Paper should be in Times New Roman in 12 Size A4 Format, 1.5 Lines Spacing.
- The length of the paper should not exceed 5-6 Pages including tables, figures, references etc.
- The paper should be original content.
- The paper will undergo Plagiarism Checking, only the selected Paper will be published in ISBN Journal.
- There will be no TA/DA.
- All manuscripts of Research papers should be sent in a soft copy in MS Word Documents to email: mathsconference@mkjc.in


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MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI



PG & RESEARCH DEPARTMENT OF MATHEMATICS

&

DEPARTMENT OF STATISTICS

International Conference on

Contemporary Evolution in Mathematics & Statistics

ICCEMS-2024

AGENDA

29.02.2024 @ 10.00 AM

VENUE: SEMINAR HALL

- Prayer
- Tamil Thai Vazhthu

Inaugural Session

- Welcome Address : **K.Priyadharshini III B.Sc Maths**
- Felicitation : **Dr.M.Inbavalli**
Principal
- Introduction of Guest : **S.Lakshmi Sruthi III B.Sc Maths**
S.Abinaya II B.Sc Maths
- Honoring the Guest : Management Trustees

Session- I

Topic : **Effective Use of Mathematical Tools for Teaching**

Resource Person : **Dr. Riyaz Ahmad Khan**
Assistant Professor
Department of Information Technology
University of Technology and Applied Sciences
Nizwa, Sultanate of Oman

- Paper Presentation : Session – I (online)
Session– II (offline)

Refreshment

Session- II

Topic : **Fascinating Applications of Graph Theory**

Resource Person : **Dr.M Yamuna**
Professor (Grade I)
Department of Mathematics
School of Advanced Sciences
VIT University, Vellore

Lunch

➤ Paper Presentation : Session –III (offline)

Session– III

Introduction of Guest : **S.Priyadharshini II M.Sc Maths**

Topic : **Introduction to Neutrosophic Statistics**

Resource Person : **Dr.G.Kumarapandiyan**
Assistant Professor
Department of Statistics
Madras Christian College
Chennai

Valedictory Session

➤ Distribution of Certificates

➤ Feedback

➤ Vote of Thanks : **M.Ramya II B.Sc Statistics**

➤ National Anthem


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REPORT

On 29.2.2024, the program was started by prayer followed by Tamizhthai Vazhthu. Ms. K Priyadharshini III B.Sc Mathematics, Department of Mathematics delivered the welcome address. Dr. M. Inbavalli, Principal, MKJC felicitated the program. Ms. S. Lakshmi shruthi III B.Sc Mathematics, Department of Mathematics, MKJC introduced the chief guest.

In the first session Dr. Riyaz Ahmad Khan, Assistant Professor, Department of Information Technology, University of Technology and Applied Sciences Nizwa, Sultanate of Oman briefly illustrated on the topic “ Effective Use of Mathematical Tools for Teaching”. He demonstrated about how to express equations by using AI tools such inMATLAB, Overleaf etc.

In this Second session Ms. S. Abinaya, II UG, Department of Mathematics, MKJC introduced the chief guest and Dr. M Yamuna , Professor (Grade I), Department of Mathematics , School of Advanced Sciences , VIT University, Vellore , explained about “ Fascinating Applications of Graph Theory”. She gave new idea about how to convert DNA sequences into a digraph. She also explains briefly about gene mutation and p53 mutation in digraph.

In the Third Session Ms. S. Priyadharshini, II PG, Department of Mathematics, MKJC introduced the chief guest and Dr.G.Kumarapandiyan , Assistant Professor ,Department of Statistics , Madras Christian College, Chennai, explained about “ Introduction to Neutrosophic Statistics”. He taught about differences between classical, Bayesian and Neutrosophic statistics through examples.

More than 90 faculty, research scholars and students from different corners of the country has participated and presented their papers through offline and online mode inthis conference. Totally 268 Candidates participated and we distributed the certificates for the students, research scholars and staffs. Then students gave their valuable feedback of our conference. Finally the vote of thanks was delivered by Ms. M. Ramya, II UG, Department of Statistics. The program was ended by National Anthem.

K. Ravi

Head of the Department

M. Inbavalli
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PHOTOS




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PARTICIPATION CERTIFICATE

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

&

DEPARTMENT OF STATISTICS

International Conference

on

CONTEMPORARY EVOLUTION IN MATHEMATICS & STATISTICS (ICCEMS-2024)

CERTIFICATE

This is Certify that **Ms.Jeffy Johnson**, Research Scholar of **PRIST University, Thanjavur** has Participated in the International Conference on "**Contemporary Evolution in Mathematics & Statistics**" organized by PG & Research Department of Mathematics and Department of Statistics on 29.02.2024.

Sri. C. Lickmichand Jain

Secretary

Dr. M. Inbavalli

Principal

Mrs.C.B.Sumathi

Head, Dept. of Maths

Mrs.K.Rajeswari

Head, Dept. of Statistics

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