



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



PG AND RESEARCH DEPARTMENT OF MATHEMATICS AND DEPARTMENT OF STATISTICS ORGANIZES ONE DAY INTERNATIONAL CONFERENCE ON "CONTEMPORARY EVOLUTION IN MATHEMATICS & STATISTICS"

ON 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
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.SJeevitha
Bank Name : ICICI Bank
Account Number : 619101502917
IFSC Code : ICIC0006191
Mobile Number : 8870900142



ORGANIZING COMMITTEE

Members of the Management

Sri. M. Vimal Chand Jain	Ambur
Sri. C. Lickmichand Jain	Ambur
Sri. J. Rathanalal 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



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI

(A Project of Sri Marudhar Kesari Jain Trust)
Recognized u/s 2(f) & 12(B) by UGC Act, 1956 –
Permanently Affiliated to Thiruvalluvar University
Accredited by NAAC with "A" Grade
An ISO 21001:2018 (COMS) Certified Institution
Marudhar Nagar, Chinnakalupalli,
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/GJsrT6ODEpdamgyzS>

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 ISI 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, 09 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 Ahmad Khan

Assistant Professor

Department of Information Technology
University of Technology and
Applied Sciences
Nizwa, Sultanate of 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


PRINCIPAL
Marudhar Kesari Jain College
for Women
Vaniyambadi - 635 751



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



PG AND RESEARCH DEPARTMENT OF MATHEMATICS AND DEPARTMENT OF STATISTICS
ORGANIZES ONE DAY INTERNATIONAL CONFERENCE ON
"CONTEMPORARY EVOLUTION IN MATHEMATICS & STATISTICS"

ON 29.02.2024


ADGENDA



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 Vazhithu

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


PRINCIPAL
Marudhar Kesari Jain College
for Women
Vaniyambadi - 635 751



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



PG AND RESEARCH DEPARTMENT OF MATHEMATICS AND DEPARTMENT OF STATISTICS
ORGANIZES ONE DAY INTERNATIONAL CONFERENCE ON
"CONTEMPORARY EVOLUTION IN MATHEMATICS & STATISTICS"

ON 29.02.2024

REPORT



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI

PG and Research Department of Mathematics and Department of Statistics
Organizes one day International Conference on
"Contemporary Evolution in Mathematics & Statistics"
on 29.02.2024



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 in MATLAB, Overleaf etc.

In this Second session Ms. S. Abinaya, II UG, Department of Mathematics, MKJC introduced the chief guest and Dr. M Yanama, 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.Kumarapandiyam, 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 in this 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.

Head of the Department

PRINCIPAL
Marudhar Kesari Jain College
for Women
Vaniyambadi - 635 751



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



PG AND RESEARCH DEPARTMENT OF MATHEMATICS AND DEPARTMENT OF STATISTICS
ORGANIZES ONE DAY INTERNATIONAL CONFERENCE ON
"CONTEMPORARY EVOLUTION IN MATHEMATICS & STATISTICS"

ON 29.02.2024

PHOTO





M. S. [Signature]
PRINCIPAL
 Marudhar Kesari Jain College
 for Women
 Vaniyambadi - 635 751