

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 (3rdCycle) 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	n : 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 : Rs. 200 Participants Spot registration is available at MKJC on 29.02.2024 at 09.15 am (with prior information).

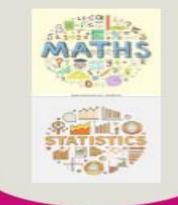
Contact Details:

9600365231, 9976622063

Email ID: mathsconference@mkic.in

Bank Details:

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



ORGANIZING COMMITTEE

Ambur

Ambur

Vellore

Tiropattur

Vaniyambadi

Members of the Management Sri. M. Vimmal Chand Jain Sri. C. Lickmichand Jain Vaniyambadi Sri. J. Rathanlal Jain Srt. K. Rajesh Kumar Jain Vaniyambadi Sri. N. Sripal Kumar Jain Sri. K. Anand Kumar Jain Vaniyambadi Sri. N. Lalith Kumar Jain Sri, S. Naveen Kumar Jain Vaniyambadi Srt. U. Rishab Jain

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. Ariyumani	Asst. Professor
Ms. B. Sangeetha	Asst. Professor



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(A Project of Sri Marudhar Kesari Jain Trust) Recognised u/s 201 & 1200 by UBC Act, 1956 -Permanently Arthused to The voluce Act, 1986 Permanently Arthused to The voluce Curvenity Accredited by NAAC with "A" Brade An ISO 23001-2018 (COMS) Centified Institution Manufher Nagar, Chinnakallipalli, Vareyambadi-635 751, Tirupatbur, Tamilnadu. www.mkjc.in

International Conference

on

* Gontemporary Svolution in Mathematics & Statistics'

ICCEMS-2024 29th February 2024, Thursday

Organized by

PG & RESEARCH DEPARTMENT OF MATHEMATICS

Re

DEPARTMENT OF STATISTICS

Registration Link:

https://forms.gle/OJSrTdODEtdamoyz8

Mode of Conference: Hybrid Mode



About MKJC

Marudhar Kesari Jain College for Women, Vantyambadi (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 Tamfinadu, and Permanently Affiliated to Thiruvalluvar University. It has been accredited with "A" grade by NAAC, Bengaluru (3rdCycle) 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 is teaching and learning process of quality education. The department organizes International conferences, workshops, Hands on training, competitions, seminars, Guest lectures to inculcate 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.Kumarapandiyan Assistant Professor

Assistant Professor Department of Statistics Madras Christian College Chennal.

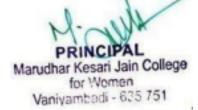
Call for Papers

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 Plagtarism 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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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

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
- Felicitation
- Introduction of Guest

> Honoring the Guest

Session-I

Topic

Resource Person

Paper Presentation

: K.Priyadharshini III B.Sc Maths

: Dr.M.Inbavalli Principal

: S.Lakshmi Sruthi III B.Sc Maths S.Abinaya II B.Sc Maths

: Management Trustees

: Effective Use of Mathematical Tools for Teaching

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

: 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

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 Yamma, 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 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.

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Head of the Department

PRINCI Marudhar Kesari Jain College for Women Vaniyambadi - 635 751



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РНОТО







PRINCIPAL Marudhar Kesari Jain College for Women Vaniyambadi - 635 751