



## MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANITYAMBADI

(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 (3<sup>rd</sup> Cycle)  
Permanently Affiliated to Thiruvalluvar University An ISO 21001:2018 Certified Institution



### DEPARTMENT OF STATISTICS ORGANIZED

INTERNATIONAL CONFERENCE ON "APPLIED MATHEMATICS & STATISTICS" 15.02.2023

### INVITATION



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Re- Accredited by NAAC with "A" Grade  
An ISO 21001:2018 (EOMS) Certified Institution, Marudhar Nagar, Chinnakallupalli,  
Vaniyambadi-635 751, Tirupattur, Tamilnadu.



**PG AND RESEARCH DEPARTMENT OF MATHEMATICS**  
&  
**DEPARTMENT OF STATISTICS**

Organizes  
**One Day International Conference on**  
**"Applied Mathematics & Statistics"**  
**Invited Speakers**

 <p><b>Dr. V. Krishnamoorthy</b> Associate Professor Department of Mathematics Arbaminch University Ethiopia.</p> <p><b>Topic: Characteristics of Intuitionistic Fuzzy Sets and its Application in Mathematics</b></p>	 <p><b>Mr. R. Vijayaragunathan</b> Head &amp; Assistant Professor Department of Statistics Indira Gandhi College of Arts &amp; Science, Puducherry.</p> <p><b>Topic: Introduction to Bayesian Statistics</b></p>	 <p><b>Dr. S. Sivasankar</b> Assistant Professor Department of Mathematics RV Institute of Technology and Management, Bangalore.</p> <p><b>Topic: Mathematics in Machine Learning</b></p>
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**Date : 15.02.2023 @ 10 am**  
**Venue : New Seminar Hall**

**MOU Signing with Don Bosco College, Yelagiri.**

**All are Cordially Invited**

<b>Sri. C. Lickmichand Jain</b> Secretary	<b>Dr. M. Inbavalli</b> Principal	<b>Mrs. C. B. Sumathi</b> Head & Convenor	<b>Mrs. K. Rajeswari</b> Head & Convenor
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**PRINCIPAL**  
Marudhar Kesari Jain College  
for Women  
Vaniyambadi - 635 751



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI



DEPARTMENT OF STATISTICS ORGANIZED

INTERNATIONAL CONFERENCE ON "APPLIED MATHEMATICS & STATISTICS" -15.02.2023

## AGENDA

One Day International Conference

on

Applied Mathematics & Statistics

ICAMS- 2023

15.02.2023 @ 10.00 AM

**VENUE: NEW SEMINAR HALL**

- PRAYER
- TAMIL THAI VAZHTHU

### INAUGURAL SESSION

- WELCOME ADDRESS : **Ms.K. Priyadharshini** , II B.Sc Maths
- INTRODUCTION OF GUEST : **Ms.H.Tharani Eswari**, II B.Sc Maths
- HONOURING THE GUEST : Management Trustees
- FELICITATION : **Dr.M.Inbavalli**,  
Principal,MKJC

### SESSION - I

- TOPIC : Introduction to Bayesian Statistics
- RESOURCE PERSON : **Mr.R.Vijayaragunathan**,  
Head & Assistant Professor,  
Department of Statistics,  
Indira Gandhi College of Arts & Science,  
Puducherry.

### MOU SIGNING WITH DON BOSCO COLLEGE,YELAGIRI

- PAPER PRESENTATION : SESSION – I (ONLINE)  
SESSION – II (OFFLINE)

### REFRESHMENT

### SESSION - II

- INTRODUCTION OF GUEST : **Ms.S.Priyadharshini**, I M.sc Maths
- TOPIC : Mathematics in Machine Learning

RESOURCE PERSON

: **Dr.S.Sivasankar,**  
Assistant Professor,  
Department of Mathematics,  
RV Institute of Technology and Management,  
Bangalore.

#### LUNCH

➤ PAPER PRESENTATION

: SESSION – III (OFFLINE)

#### SESSION - III

INTRODUCTION OF GUEST

: **Ms.S. Lakshmi Sruthi** , II B.Sc Maths

TOPIC

: Characterization of Intuitionistic Fuzzy  
Sets, its Application of Pure and Applied  
Mathematics

RESOURCE PERSON

: **Dr.V.Krishnamoorthy,**  
Associate Professor,  
Department of Mathematics,  
Arbaminch University,  
Ethiopia.

#### VALEDICTORY SESSION

➤ DISTRIBUTION OF CERTIFICATES

➤ FEEDBACK

➤ VOTE OF THANKS

: **M.Ramya**, I B.Sc Statistics

➤ NATIONAL ANTHEM

  
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**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI**



**PG & Research Department of Mathematics and Department of Statistics**  
**One Day International Conference on “Applied Mathematics and Statistics”**  
**15.02.2023**

### **REPORT**

On 15.02.2023 the program was started by prayer followed by Tamizhthai Vazhthu. Ms. K Priyadharshini II B.Sc Mathematics, Department of Mathematics delivered the welcome address. Dr. M. Inbavalli, Principal, MKJC felicitated the program. Ms. S. Lakshmi shruthi II UG, Department of Mathematics MKJC introduced the chief guest.

In the first session Mr. R. Vijayaraganathan Head & Assistant professor, Department of Statistics, Indra Gandhi College of Arts & Science, Puducherry, delivered a lecture on “Introduction to Bayesian Statistics”. He taught how to do the manual calculations in probability for the medical diagnosis test.

MOU signed with Don Bosco College, Yelagiri. The purpose of MOU was presented in the session by Ms. S. Senthamizh Selvi, III UG, Department of Mathematics, MKJC.

In this Second session Ms. S. Priyadharshini I PG, Department of Mathematics, MKJC introduced the chief guest and Dr. S. Sivasankar, Assistant Professor, Department of Mathematics, RV Institute of Technology & Management Bangalore, explained about “Mathematics in Machine Learning”. He gave new idea about to draw diagrams by using eigen vectors and eigen values.

In the Third Session Ms. H . Tharani Eswari, II UG, Department of Mathematics MKJC introduced the chief guest and Dr. V. Krishnamoorthy, Associate professor, Department of Mathematics, Arbaminch Univeristy, Ethiopia briefly illustrated on the topic “Characteristics of Intuitionistic Fuzzy Sets & its Application in Mathematics”. He explained about Intuitionistic fuzzy subgroups through examples.

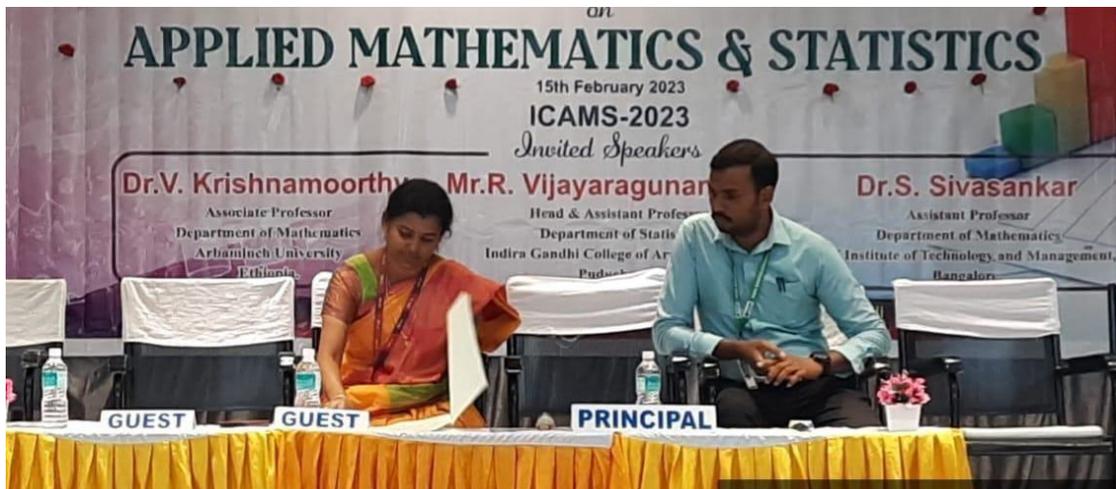
In this Program 165 Students participated. Then students gave their valuable feedback of our conference. Finally the vote of thanks was delivered by Ms. M. Ramya, I UG, Department of Statistics, MKJC. The program was ended by our National Anthem.

*K. Raji*

Head of the Department

*M. Inbavalli*  
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# PHOTOS



  
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