



## 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 (3<sup>rd</sup> Cycle)  
Permanently Affiliated to Thiruvalluvar University An ISO 9001:2015 Certified Institution

### DEPARTMENT OF STATISTICS ORGANIZED BY NATIONAL LEVEL SEMINAR ON "MODERN TECHNIQUES IN MATHEMATICAL MODELING AND OPERATIONS RESEARCH"-

06.09.2019

#### INVITATION

##### REGISTRATION

- ❖ Registration starts at 9.00 a.m.
- ❖ Registration fee Rs. 150/- per participant.
- ❖ Registration form must reach on or before 04.09.2019.
- ❖ Registration fee should be paid on the date of seminar.
- ❖ Students of UG, PG & M.Phil. can also participate.

##### Note :

- ❖ Lunch will be provided to the Participants.
- ❖ No TA and DA will be Provided.

##### For further details contact :

- ❖ 8903687681, 9600365231, 9976622063
- ❖ Email ID : hod.maths@mkjc.in



##### ORGANIZING COMMITTEE

##### Members of the management :

<b>Sri. M. Vimmal Chand Jain</b>	President
<b>Sri. J. Rathanalai Jain</b>	Vice President
<b>Sri. C. Lickmichand Jain</b>	Secretary
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<b>Sri. K. Anand Kumar Bafna</b>	Trustee

##### Patron :

**Dr. T. Balasubramanian** M.Sc., M.Phil., Ph.D.,  
Principal, MKJC, Vaniyambadi  
**Dr. M. Inbavalli** MCA, M.Sc., M.Phil, Ph.D.,  
Vice Principal, MKJC, Vaniyambadi

##### Convener :

**Ms. C.B. Sumathi**  
Head, Department of Mathematics  
**Ms. K. Rajeswari**  
Head, Department of Statistics

##### Co-ordinating members :

<b>Ms. S. Semmalar</b>	Asst. Professor
<b>Ms. N. Mahalakshmi</b>	Asst. Professor
<b>Ms. G. Shenbagavalli</b>	Asst. Professor
<b>Ms. S. Komala</b>	Asst. Professor
<b>Ms. S. Silambarasi</b>	Asst. Professor
<b>Ms. S. Susitha</b>	Asst. Professor
<b>Ms. S. Jeevitha</b>	Asst. Professor
<b>Ms. G. Aruna</b>	Asst. Professor
<b>Ms. R. Vanitha</b>	Asst. Professor
<b>Ms. S. Geethalakshmi</b>	Asst. Professor
<b>Ms. L. Shalini</b>	Asst. Professor
<b>Ms. M. Sathiyapriya</b>	Asst. Professor
<b>Ms. M. Varalakshmi</b>	Asst. Professor
<b>Ms. K. Valarmathy</b>	Asst. Professor
<b>Ms. P. Mogana</b>	Asst. Professor
<b>Ms. C. Nithya</b>	Asst. Professor
<b>Ms. A. Aswini</b>	Asst. Professor
<b>Ms. M. Nandhini</b>	Asst. Professor
<b>Ms. K. Sulochana</b>	Asst. Professor

##### National Level Seminar On

### MODERN TECHNIQUES IN MATHEMATICAL MODELING AND OPERATIONS RESEARCH

6<sup>th</sup> September 2019, Friday



Organized by

**PG and Research  
Department of Mathematics  
and  
Department of Statistics  
Marudhar Kesari Jain College  
for Women**

(A Project of Sri Marudhar Kesari Jain Trust)  
Permanently Affiliated to Thiruvalluvar University  
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An ISO 9001:2015 Certified Institution  
Marudhar Nagar, Chinnakallupalli,  
Vaniyambadi - 635 751, Vellore District, Tamilnadu.



### About the college

Marudhar Kesari Jain College for Women was established in the year 1994. The college is re-accredited with 'A' grade by the NAAC and is an ISO 9001:2015 certified institution. It is situated in a sprawling campus of 25 acres at Chinnakallupalli on the Vaniyambadi-Tirupattur Trunk Road in Vellore District.

Our college is a pioneering college for women and permanently affiliated to Thiruvalluvar University. The college offers 16 UG courses, 11 PG courses, 7 M.Phil courses and 2 Ph.D courses.

### About the Department

The department of Mathematics was established in the year 1994 and made a steady growth, raised to the height of establishing post graduate level in the year 2000. It is now crowned as a research department (M.Phil) in the year 2012. The department of statistics was established in the year 2018

### About the Seminar

A Seminar is a form of academic deliverable, focusing on some particular subject or topic present by the delegates. We focus on Mathematical Modeling, Fuzzy logic in operations research and applications of stochastic models.

### INVITED SPEAKERS

#### Dr. M. Chitra

Head and Associate Professor,  
Department of Mathematics,  
Thiruvalluvar University, Vellore.

#### Mr. K. Beningston

Assistant Professor,  
Department of Statistics,  
Indhira Gandhi College of  
Arts and Science, Puduchery.

#### Dr. L. Sujatha

Head and Assistant Professor,  
PG and Research of Mathematics,  
Auxilium College, Vellore.



### PROGRAMME SCHEDULE

9.30 a.m. Inauguration

10.00 a.m. Session I

Topic : **Mathematical Modeling on  
Boundary Value Problems  
in Bio-Fluids**

#### Dr. M. Chitra

Head and Associate Professor,  
Department of Mathematics,  
Thiruvalluvar University, Vellore.

11.30 a.m. Refreshment

11.45 a.m. Session II

Topic : **Stochastic Modeling  
and its Applications**

#### Mr. K. Beningston

Assistant Professor,  
Department of Statistics,  
Indhira Gandhi College of  
Arts and Science, Puduchery.

1.15 p.m. Lunch

2.00 p.m. Session III

Topic : **Applications of Fuzzy set in  
Operations Research**

#### Dr. L. Sujatha

Head and Assistant Professor,  
PG and Research of Mathematics,  
Auxilium College, Vellore.

3.30 p.m. Valediction

  
**PRINCIPAL**  
Marudhar Kesari Jain College  
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**06.09.2019**

**AGENDA**

**Prayer**

**TamilThaiVazhthu**

**InauguralSession**

**WelcomeAddress** : **Ms.R.Vanitha,**  
Asst.Professor, Dept of Mathematics.

**Introduction of Guest** : **Ms.S.Geethalakshmi,**  
Asst.Professor, Dept of Mathematics.

**Ms.G.Aruna,**  
Asst.Professor, Dept of Mathematics.

**Honoring the Guest**

**Inaugural Address &** : **Dr.T.Balasubramanian,M.Sc.,M.Phil.,Ph.D.,**  
**Felicitation** Principal,MKJC

**SESSION-I**

**Topic** : **Mathematical Modeling on Boundary Value Problems**  
**in Bio-Fluids**

**ResourcePerson** : **Dr.M.Chitra**  
Head and Associate Professor,  
Department of Mathematics,  
Thiruvalluvar University,Vellore.

## REFRESHMENT

### SESSION-II

**Topic** :Stochastic Modeling and its Applications

**Resource Person** : Mr.K.Benington  
Assistant Professor, Department of Statistics,  
Indhira Gandhi College of Arts &Science, Pudhuchery

## LUNCH

### SESSION-III

**Introduction of Guest** : Ms.L.Shalini,  
Asst.Professor, Dept of Mathematics.

**Topic** : Applications of Fuzzy set in Operations Research

**Resource Person** : Dr.L.Sujatha  
Head & Assistant Professor,  
PG and Research Department of Mathematics,  
Auxilium College,Vellore.

## VALEDICTORY SESSION

**Welcoming the gathering Report**

**Distribution of Certificates**

**Feedback**

**Vote of Thanks** :B.Shalini, III Mathematics  
Department Secretary

## NATIONAL ANTHEM

  
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**REPORT**

PG and Research Department of Mathematics and Department of Statistics, Marudhar Kesari Jain College for Women conducted National Level Seminar on 06.09.2019 on the Topic "**MODERN TECHNIQUES IN MATHEMATICAL MODELING AND OPERATIONS RESEARCH**" on 6<sup>th</sup> September 2019. The Programme was started by Dr.T.Balasubramanian, Principal MKJC. In this Program 350 students were participated.

In the first session Dr.M.Chitra Head and Associate Professor, Department of Mathematics, Thiruvalluvar University Vellore explained about Mathematical Modelling on Boundary Value Problems in Bio-Fluids. In the second session Mr.K.Benington Assistant Professor, Department of Statistics Indira college of Arts and Science, Pudhuchery briefly illustrated on the topic, Stochastic Modeling and its Applications. In the third session Dr.L.Sujatha Head and Assistant Professor, Department of Mathematics, Auxillium College Vellore Explained about Applications of Fuzzy Set in Operations Research. At the end vote of thanks was delivered by Ms.B.Shalini, III B.Sc Mathematics, Department Secretary MKJC. The program was ended by National Anthem.

**Head of the Department**

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**06.09.2019**

**PHOTOS**



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