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INSTITUTE OF SCIENCE & TECHNOLOGY
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PROGRAMME REPORT ON

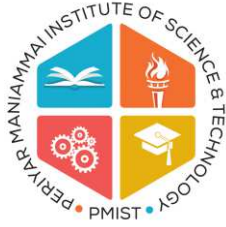
World Statistics Day 2024- Special Lecture on “Introduction to Fuzzy Statistics”-Special Lecture on “Introduction to Fuzzy Statistics”

Resource Person

**Dr. A. HARI GANESH Assistant Professor of Mathematics
Poompuhar College (Autonomous) Melaiyur – 609 107,
Mayiladuthurai (Dt.)**

Organized by

Mathematics- PMIST



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World Statistics Day 2024

Special Lecture: Introduction to Fuzzy Statistics

Resource Person

Dr. A. Hari Ganesh

Assistant Professor of Mathematics

Poompuhar College (Autonomous), Melaiyur, Mayliaduthurai.

Organized by

Department of Mathematics

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World Statistics Day 2024
Special Lecture: Introduction to Fuzzy Statistics
21st October, 2024
Organized by Department of Mathematics

Objective of the Programme:

To commemorate World Statistics Day 2024, the event aims to introduce participants to the fundamentals of fuzzy statistics, showcase its practical applications, and encourage its adoption in academic and professional research domains.



**PERIYAR
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INSTITUTE OF SCIENCE & TECHNOLOGY
VALLAM, THANJAVUR
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Introduction to Fuzzy Statistics



Dr. A. HARI GANESH

Assistant Professor of Mathematics
Poompuhar College (Autonomous), Melaiyur, Mayiladuthurai

21 OCTOBER 2024 @ 10:00 AM
SMART CLASS ROOM, TB II, PMIST

Coordinators : Dr. R. Arumugam (9003976747) & Dr. R. BALAKUMAR (9940757835).

CELEBRATION OF
WORLD STATISTICS DAY 2024

Organized by
Department of Mathematics
Periyar Maniammai Institute of Science & Technology, Vallam, Thanjavur

Department of Mathematics

Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 7358053699 Fax: +91- 4362 - 264660
Email: headmaths@pmu.edu Web: www. pmu.edu



World Statistics Day 2024 Special Lecture: Introduction to Fuzzy Statistics 21st October, 2024 *Organized by Department of Mathematics*

PROGRAMME SCHEDULE

21st October, 2024 @ 10.00 am

- Welcome Address** : **Ms. Subhasri M**
Student, II M.Sc
Department of Mathematics
Periyar Maniammai Institute of Science &
Technology, Vallam, Thanjavur
- Presidential Address** : **Dr. A. Sasikala**
Associate Professor & Head
Department of Mathematics
Periyar Maniammai Institute of Science &
Technology, Vallam, Thanjavur
- Lecture begins at 10.20 am** : **Special Lecture: Introduction to Fuzzy Statistics**
Dr. A. Hari Ganesh
Assistant Professor of Mathematics
Poompuhar College (Autonomous), Melaiyur,
Mayliaduthurai.
- Vote of Thanks** : **Ms. Bhavadharani M**
Student, II M.Sc
Department of Mathematics
Periyar Maniammai Institute of Science &
Technology, Vallam, Thanjavur

World Statistics Day 2024
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Attendance Report

Number of Students (Male)	:	12
Number of Students (Female)	:	27
Total	:	39

World Statistics Day 2024
Special Lecture: Introduction to Fuzzy Statistics
21st October, 2024

Organized by Department of Mathematics

List of Participants

Department of Mathematics
 Periyar Nagar, Valluvar Thangavur - 613 403, Tamil Nadu, India
 Phone: +91 - 4362 - 264600, Fax: +91- 4362 - 264660
 Email: hodmse@pnu.edu, Web: www. pnu.edu



World Statistics Day 2024
Introduction to Fuzzy Statistics

Resource Person - Dr. A. Hari Ganesh

Venue : Smart Class Room- TB II

Date: 21.10. 2024

Attendance

S. No.	Name	Branch	Year	Signature
1.	K. Abhinami	M.sc. Maths	I	<i>K. Abhinami</i>
2.	T. Gunjan	M.sc Maths	I	<i>Gunjan</i>
3.	H. Shahisfia	M.sc Maths	I	<i>H. Shahisfia</i>
4.	Arulpathi. M	M.Sc. Maths	I	<i>M. Arulpathi</i>
5.	B. Prathibha	M.Sc Maths	I	<i>B. Prathibha</i>
6.	D. Manoj Kumar	M.Sc Maths	I	<i>D. Manoj Kumar</i>
7.	Sujitha	M.sc. Maths	I	<i>Sujitha</i>
8.	T. Kati Anandhi	M.sc. Maths	I	<i>T. Kati Anandhi</i>
9.	R. Prudhupa	M.sc, Maths	I	<i>R. Prudhupa</i>
10.	V. Subasree	M.sc Maths	II	<i>V. Subasree</i>
11.	M. Keerthana	M-sc Maths	II	<i>M. Keerthana</i>
12.	U. Syamala devi	M.sc. Maths	II	<i>U. Syamala devi</i>
13.	M. S. Hanadhana	M.sc Maths	II	<i>M. S. Hanadhana</i>
14.	K. Devadharini	M.Sc Maths	II	<i>K. Devadharini</i>
15.	P. DIVYA MANOHARI	M.Sc MATHS	II nd	<i>P. Divya Manohari</i>

World Statistics Day 2024
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World Statistics Day 2024
Introduction to Fuzzy Statistics

Resource Person - Dr. A. Hari Ganesh

Venue : Smart Class Room- TB II

Date: 21.10. 2024

Attendance

S. No.	Name	Branch	Year	Signature
16	S. LOHESH	B.Sc MATHS	III	S. Loh.
17	M. Gurusadan	B.Sc MATHS	III	M. G. S.
18	U. Karthikeyan	B.Sc., Maths	III	U. Karthikeyan
19	P. Nalan Kumar	B.Sc., Maths	III	P. Nalan Kumar
20	AJAY KISHORE	B.Sc MATHS	II	Ajay Kishore
21	P. Selva Kathir	M.Sc MATHS	I	P. Selva Kathir
22	S. Vinita	B.Sc Maths	III	S. Vinita
23	S. AVINESH	B.Sc. MATHS	II	S. Avinash
24	C. Dhanamunigan	B.Sc maths	II	C. Dhanamunigan
25	M. Abinaya	B.Sc maths	II	M. Abinaya
26	A Noorul Afra	B.Sc maths	III	A. Noorul Afra
27	A. Tharmasamudhi	B.Sc Maths	III	A. Tharmasamudhi
28	P. Arunmozhi	B.Sc Maths	III	P. Arunmozhi
29	K. Shanmugapriya	B.Sc Maths	III	K. Shanmugapriya
30	D. Suvadha	B.Sc Maths	III	D. Suvadha

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Attendance

S. No.	Name	Branch	Year	Signature
31.	A. Asma	M.Sc. Maths	II	<i>A. Asma</i>
32.	S. Leivuthikadevi	M.Sc. Maths	II	<i>S. Leivuthikadevi</i>
33.	M. Keerthana	M.Sc. Maths	II	<i>M. Keerthana</i>
34.	N. Gopika	M.Sc Maths	II	<i>N. Gopika</i>
35.	M. Subhasri	M.Sc Maths	I	<i>M. Subhasri</i>
36.	R. NITHYA	Research Scholar		<i>R. NITHYA</i>
37.	A. R. RAVITHA	RESEARCH SCHOLAR		<i>A. R. RAVITHA</i>
38.	M. Suresh Kumar	RESEARCH SCHOLAR		<i>M. Suresh Kumar</i>
39.	Mr. M. Hari Ganesh	v		<i>Mr. M. Hari Ganesh</i>

(Dr. R. ARUMUSAM)

Arumusam
 21/10/24
 Asst. Professor & Head
 Department of Mathematics,
 Periyar Maniammai University, Vallam Thanjaur, Tamil Nadu

World Statistics Day 2024
Special Lecture: Introduction to Fuzzy Statistics
21st October, 2024
Organized by Department of Mathematics

Report of the Programme

The Department of Mathematics at Periyar Maniammai Institute of Science & Technology organized a special lecture on "Introduction to Fuzzy Statistics" to mark World Statistics Day 2024 on 21st October 2024. The event commenced with a welcome address by Ms. Subhasri M, II M.Sc student, followed by the presidential address delivered by Dr. A. Sasikala, Associate Professor & Head of the Department of Mathematics.

The keynote session, conducted by Dr. A. Hari Ganesh, Assistant Professor of Mathematics at Poompohar College (Autonomous), explored the basics of fuzzy statistics, its theoretical underpinnings, and practical applications. Participants engaged in a stimulating discussion on how fuzzy statistical models could enhance decision-making processes where ambiguity and imprecision are prevalent.

The event concluded with a vote of thanks by Ms. Bhavadharani M, expressing gratitude to the speaker, participants, and organizers for the success of the program.

Key Points:

Introduction to Fuzzy Statistics

- Definition and scope of fuzzy statistics.
- Difference between classical and fuzzy statistical approaches.

Fuzzy Logic and Sets

- Fundamentals of fuzzy sets and membership functions.
- Applications of fuzzy logic in statistical modeling.

Uncertainty and Imprecision in Data

- Handling real-world datasets with vague or incomplete information.
- Role of fuzzy statistics in reducing uncertainty.

Applications of Fuzzy Statistics

- Case studies in decision-making, forecasting, and data analysis.
- Potential uses in academic research and industry practices.

Future Prospects of Fuzzy Statistics

- Emerging trends and technologies leveraging fuzzy statistical models.
- Opportunities for interdisciplinary research and applications.



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CERTIFICATE OF APPRECIATION


This is to certify that

{Name}

Institute Name

has participated in the "Special Lecture : Introduction to Fuzzy Statistics" organized by Department of Mathematics , Periyar Maniammai Institute of Science & Technology, Deemed to be University, Vallam, Thanjavur on the eve of World Statistics Day on 21.10.2024


Dr. A. Sasikala
Head- Mathematics


Dr. P. Vijayalakshmi
Dean - FHSM

World Statistics Day 2024
Special Lecture: Introduction to Fuzzy Statistics
21st October, 2024



Fig.1. Welcome Address by Ms Subhasri M, II M.Sc Mathematics



Fig.2. Special lecture delivered by Dr. A. Hari Ganesh

World Statistics Day 2024
Special Lecture: Introduction to Fuzzy Statistics
21st October, 2024
Organized by Department of Mathematics

Outcomes of the programme:

At the end of the training, participants will be able to:


- Understand the foundational principles of fuzzy statistics.
- Recognize the role of fuzzy logic in handling uncertainty and imprecision in data analysis.
- Explore potential applications of fuzzy statistics in solving real-world problems.



Dr. R. Arumugam



Dr. R. Balakumar



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Institute of Science & Technology
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