

# -: PROFILE :-

## DR. SUPRATIM MUKHERJEE



Lalbagh, Sahanagar, Murshidabad, Pin: 742149, West Bengal, India

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Date of Birth: 08/07/1981, Married.

### Career Objective

On the Mission to Invent Something New for Our Society.

### Research Interest

Fuzzy Mathematics, Multi-attribute decision making, Grey Systems, Poverty, Supplier Selection, Uncertainty.

### Teaching Interest

Fuzzy Mathematics, Linear Algebra, Abstract Algebra, Differential Equation, Real Analysis.

### Education

Degree	University	Year	Subject	Division
Ph.D.	National Institute of Technology, Durgapur	2013	Mathematics	NA
M.Sc.	University of Kalyani	2004	Mathematics	1st
B.Sc. (H)	University of Kalyani	2002	Mathematics	1st

### Research Experience

1. Research Scholar, Department of Mathematics, NIT, Durgapur, 20/10/2008 – 01/02/13.
2. Research Fellow, Institute of Cybernetic Systems and Information Technology, Kolkata-108, 22/07/2006–19/08/2007
3. Working as Co-Guide of PhD students.
4. Worked as a Co-Investigator on a UGC sponsored minor research project "*Identification of Poor Households and Their Poverty Analysis in Rural Areas*" from 2014 to 2016 (Project Number F.PSW- 108/13-14).

### Teaching Experience

1. Worked as an Asst Teacher in Govt. Aided School for 12 years.
2. Working as Assistant Professor in Government Degree College (W.B.E.S.) at present.

<b>LIST OF PUBLICATIONS (PAGE 1)</b>				
<b>SL.NO</b>	<b>AUTHORS</b>	<b>PAPER NAME</b>	<b>JOURNAL/CONFERENCE</b>	<b>ISSUE</b>
1	S MUKHERJEE S KAR	APPLICATION OF FUZZY MATHEMATICS AND GREY SYSTEMS IN EDUCATION	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES (ELSEVIER)	VOL. 24, PP. 157-163 (2012)
2	S MUKHERJEE S KAR	A THREE PHASE SUPPLIER SELECTION METHOD BASED ON FUZZY PREFERENCE DEGREE	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES (ELSEVIER)	VOL. 25, PP. 173-185 (2013)
3	A CHATTERJEE S MUKHERJEE S KAR	POVERTY LEVEL OF HOUSEHOLDS: A MULTIDIMENSIONAL APPROACH BASED ON FUZZY MATHEMATICS	FUZZY INFORMATION AND ENGINEERING (ELSEVIER)	VOL. 6, PP. 463-487 (2014)
4	S MUKHERJEE B GHOSH	A NOVEL TECHNIQUE TO THE SOLUTION OF MADM PROBLEMS BY FUZZY SETS	ADVANCES IN FUZZY MATHEMATICS (AFM)	VOL. 10(1), PP. 63-69 (2015)
5	S MUKHERJEE B GHOSH	APPLICATION OF GREY POSSIBILITY DEGREE IN COMPARING POVERTY	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY (IJIRSET)	VOL 4(6), PP. 4698-4703 (2015)
6	S MUKHERJEE R BHATTACHARYYA S KAR	A NOVEL DEFUZZIFICATION METHOD BASED ON FUZZY DISTANCE	INTERNATIONAL JOURNAL OF FUZZY SYSTEMS AND ROUGH SYSTEMS (IJFSRS)	VOL. 3(1), PP 37-44 (2010)
7	S MUKHERJEE A CHATTERJEE R BHATTACHARYYA S KAR	A FUZZY MATHEMATICS BASED APPROACH FOR POOR HOUSEHOLD IDENTIFICATION	INTERNATIONAL JOURNAL OF MATHEMATICS AND SCIENTIFIC COMPUTING (IJMSC)	VOL 1 (1), PP 22-27
8	S MUKHERJEE S KAR	A NOVEL METHOD FOR POOR HOUSEHOLD IDENTIFICATION BY GREY THEORY	INTERNATIONAL JOURNAL OF MATHEMATICS AND SCIENTIFIC COMPUTING (IJMSC)	VOL. 1, NO. 2, PP. 67-70 2011
9	S MUKHERJEE S KAR	ON PHILOSOPHY OF FUZZY MATHEMATICS	JOURNAL OF COMPUTER AND MATHEMATICAL SCIENCES (JCMS)	VOL 1 (4), 2010
10	S MUKHERJEE S KAR	MULTI ATTRIBUTE DECISION MAKING BASED ON FUZZY LOGIC AND ITS APPLICATION IN SUPPLIER SELECTION PROBLEM	OPERATIONS AND SUPPLY CHAIN MANAGEMENT: AN INTERNATIONAL JOURNAL (OSCM)	VOL 5(2) PP. 76-83 (2012)

LIST OF PUBLICATIONS (PAGE 2)				
11	S MUKHERJEE B GHOSH	POVERTY MEASUREMENT BY FUZZY MADM APROACH	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY (IJIRSET)	VOL 4(6), PP. 4709- 4713 (2015)
12	A CHATTERJEE S MUKHERJEE S KAR	A Rough Approximation of Fuzzy Soft Set-Based Decision-Making Approach in Supplier Selection Problem	FUZZY INFORMATION AND ENGINEERING (ELSEVIER)	VOL. 10, NO. 2, PP. 178–195 (2018)
13	S MUKHERJEE	Fuzzy Membership Function- Different Views, Context Dependence and Number of Occurrence - A Theoretical Overview	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 6 Issue XI, Nov 2018
14	R KAR S MUKHERJEE	A New Method of Fuzzy Membership Function Evaluation by Interpolation and Defuzzification	INTERNATIONAL JOURNAL OF INNOVATIVE KNOWLEDGE CONCEPT	VOL. 7, NO. SPECIAL 1 (2019)
15	D DUTTA MAJUMDER R BHATTACHARYYA S MUKHERJEE	METHOD OF EVALUATION AND EXTRACTION OF MEMBERSHIP FUNCTIONS- REVIEW WITH A NEW APPROACH	ICCTA' 2007	IEEE COMPUTER PRESS, LONDON [ISBN 0-7695-2770-1], PP 277-281
16	S MUKHERJEE R BHATTACHARYYA A CHATTERJEE S KAR	MERIT EVALUATION OF STUDENTS IN DEBATE AND RECITATION COMPETITIONS BY FUZZY APPROACH	ICOMOC' 2010	AMERICAN INSTITUTE OF PHYSICS CONFERENCE PROCEEDINGS, PP.547- 552
17	A CHATTERJEE R BHATTACHARYYA S MUKHERJEE S KAR	OPTIMIZATION OF MEAN SEMI VARIANCE SKEWNESS PORTFOLIO SELECTION MODEL IN FUZZY RANDOM ENVIRONMENT	ICOMOC' 2010	AMERICAN INSTITUTE OF PHYSICS CONFERENCE PROCEEDINGS, PP. 516- 521
18	S MUKHERJEE S KAR	A SURVEY ON DIFFERENT METHODS OF DEFUZZIFICATION	ICUT' 2010	URUMCHI, CHINA, PP. 210-216

#### Conference/Workshop/Short-term Course

- Presented the paper “Evaluation of Fuzzy Membership Functions by Modified Newton’s Interpolation Method”, in the National Conference “ UNCERTAINTY: A MATHEMATICAL APPROACH” (UAMA-2006), 07- 08 September, 2006, organized by Department of Mathematics, M.U.C. Women’s College, Burdwan, West Bengal and sponsored by UGC, Govt. of India.
- Attended the International Conference on computing: Theory and Application, March 5-7, 2007, Indian Statistical Institute, Kolkata.

- Presented the paper “A Novel Approach for Supplier Selection by Fuzzy Preference Degree” in International Conference in ORSI, 2012.
- Was the Organizing Secretary of a National Level Seminar RMSER 2015.

I hereby declare that all the statements made above are correct to the best of my knowledge and belief.

Supratim Mukherjee

Date: 22/05/2019

Place: West Bengal, India