-: PROFILE :-

DR. SUPRATIM MUKHERJEE

Lalbagh, Sahanagar, Murshidabad, Pin: 742149, West Bengal, India
Mobile No.: +919593092491; E-mail: raja_lalbagh@yahoo.co.in
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, LPP, Geometry.

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. Working as Co-Guide of PhD students.
3. Worked as a Co-Investigator on a UGC sponsored 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.

SL.NO	AUTHORS	PAPER NAME	JOURNAL/CONFERENCE	ISSUE
1	S MUKHERJEE S KAR	APPLICATION OF FUZZY MATHEMATICS AND GREY SYSTEMS IN EDUCATION	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES (ELSEVIER) (SCOPUS INDEXED- UGC CARE)	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) (SCOPUS INDEXED- UGC CARE)	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) (SCOPUS INDEXED- UGC CARE)	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 (2011)
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) (SCOPUS INDEXED- UGC CARE)	VOL 5(2) PP. 76-83 (2012)

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 CHATTERJEES MUKHERJEE S KAR	A ROUGH APPROXIMATION OF FUZZY SOFT SET-BASED DECISION-MAKING APPROACH IN SUPPLIERSELECTION PROBLEM	FUZZY INFORMATION AND ENGINEERING (ELSEVIER) (SCOPUS INDEXED- UGC CARE)	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 JOURNALFOR 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 EVALUATIONBY 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 (2007)
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 (2010)
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 (2010)
18	S MUKHERJEE S KAR	A SURVEY ON DIFFERENT METHODS OF DEFUZZIFICATION	ICUT' 2010	URUMCHI, CHINA, PP. 210-216 (2010)
19	S MUKHERJEE	THREATS OF PLASTIC POLLUTION AND AWARENESS AMONG COMMON PEOPLE: A MULTI ATTRIBUTE PROBLEM	ECO. ENV. & CONS. (SCOPUS INDEXED- UGC CARE)	26 (4): 2020; pp. (1847-1851) (2020)
20	R KAR S MUKHERJEE	DETERMINATION OF APPROXIMATE FUZZY MEMBERSHIP FUNCTION USING LINGUISTIC INPUT – AN APPROACH BASED ON INTERPOLATION	INT. J. HYBRID INTELLIGENCE	VOL. 2, NO. 1 (2021)

21	R. BHATTACHARYYA S MUKHERJEE	FUZZY MEMBERSHIP FUNCTION EVALUATION BY NON-LINEAR REGRESSION: AN ALGORITHMIC APPROACH	FUZZY INFORMATION AND ENGINEERING (SCOPUS INDEXED-UGC CARE)	VOL. 12, ISSUE 4 PP. 412-434 (2020)
22	J NARJINARY R KAR S MUKHERJEE	EVALUATION OF COVID-19 PANDEMIC EFFECTS IN INDIAN TOURISM	MATHEMATICS IN ENGINEERING, SCIENCE AND AEROSPACE MESA (SCOPUS INDEXED-UGC CARE)	Vol. 14, No. 2, pp. 507-512 (2023)

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.

➢ Performed as 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: 22/06/2023
Place: West Bengal, India