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BIBEK MAJUMDER

OBJECTIVE

The objective is to achieve professional excellence through continuous learning, teaching, and research process. I strongly believe that research and teaching should always collaborate to each other in a researcher's career.

EDUCATION

- **Doctor of Philosophy (Ph.D)**, Mathematics, Tripura University (A Central University)

- **Master of Science (M.Sc)**, Mathematics, Tripura University (A Central University)

- **Bachelor of Science (B.Sc)**, Mathematics, Tripura University (A Central University)

EXPERIENCE

1. **GUEST FACULTY, ICFAI UNIVERSITY, AGARTALA, TRIPURA (1 YEAR 8 MONTHS)**
   [August 2020 – April 2022]

2. **Guest FACULTY, M.B.B UNIVERSITY, AGARTALA, TRIPURA**
   [June 2022 – Running]

AWARD

MICA- 2022 BEST PAPER AWARD

PUBLICATION

1. **Bibek Majumder** and S.Bhattacharya (Halder), Face Recognition Using Fuzzy Minimal Structure Oscillation in the Wavelet Domain, *Pattern Recognition and Image Analysis*, Vol. 29, p. 174–180.

2. **Bibek Majumder** and S.Bhattacharya (Halder), Face Recognition Based on Human Sketches Using Fuzzy Minimal Structure Oscillation in the SIFT Domain, *CCIS*, Vol. 1241, p.174–180.

3. **Bibek Majumder** and S.Bhattacharya (Halder), In-Plane and Out-of-Plane Rotation Face Detection Model, *CCIS,* Vol. 428 p.457-467.

4. **Bibek Majumder** et al., FogCom:SDN-enabled fog node selection for early detection of communicable diseases, Journal of King Saud University, 2022.

5. **Bibek Majumder** et al., Face Recognition with Mask using CNN, LBP and Fuzzy Techniques, Studies in Autonomic, Data-driven and Industrial Computing MICA 2022, pp 379–385 (Best Paper Award).

6. **Bibek Majumder** and Senthilkumar Piramanayagam, Hybrid Approach for Face Recognition and Face Detection, IEEE COMSOC MMTC Communications – Frontiers, Vol.18, No.1, Jan 2023.

7. **Bibek Majumder** et al., Sketch to Photo Matching Using Fuzzy and Intuitionistic Fuzzy

Minimal Structure Oscillation in the SIFT and Facial Landmark Domain (Accepted).

WORKSHOP/ CONFERENCE ATTENDED	1. International Conference on recent advances in Mathematics and Its Applications (ICRAMA-2019)", 16-18 th July 2019, organized by Dept. Of Mathematics, Tripura University, Agartala.
	2. 2nd International Conference on Machine Learning, Image Processing, Network Security and Data sciences (MIND-2020), NIT Silchar, Assam, India.
	3. International Web conference on Advance Research in Science, Humanities and Social Science (IWCARSHSS-2020), Department of Applied Mathematics, MBB University on July 09-10, 2020
	4. International e-Conference on Rough Sets-Generalizations and Aplications, November 11-13, 2021, Organized by Fuzzy and rough sets Association, Agartala, Tripura, India.
	5. 6th International Conference on Advanced Computing and Intelligent Ingineering (ICACIE 2021), 23-24 December, 2021. Organized by Bhubaneswar Institute of Technology Infovalley, Harapur, Bhubaneswar, India.
	6. International Conference on Advanced Communications and Machine Intelligence M. Kumarasamy College of Engineering Tamil Nadu, India 09-11 December, 2022.
TRAINING PROGRAMME	1. Mini- MTTS Programme, june 17-29, 2013 organized by Department of Mathematics, NIT, Agartala.
	2. Training Programme for Under Graduate Students in Mathematics, july 5-19, 2013, organized by Department of Mathematics, Tripura University, Agartala.
TEACHING INTERESTS	Real Analysis, Ordinary and Partial Differential Equations, Dynamical System, Fluid Mechanics, Operation Research, Numerical Analysis, Statistics, Computer Programming (C, Python, Matlab, Mathematica).
REFERENCE	• Prof. Binod Chandra Tripathy, Professor, Tripura University (A Central University). • Prof. Sharmistha Bhattacharya (Halder), Professor, Mathematics department, Tripura University.

I hereby declare that the information furnished above are true to the best of my knowledge.

Bibek Majumder