



Techno College of Engineering Agartala

An Engineering College affiliated to Tripura University (A Central University),

Approved by AICTE, MHRD, Govt. of India

Website: www.tiaedu.org

Name of the faculty: Sankha Subhra Debnath

Designation: Assistant Professor

Education:

- UG: B.Tech in Computer Science & Engineering, Manav Bharti University, Himachal Pradesh – 73.95%
- PG: M.Tech in Computer Science & Engineering, Visvesvaraya Technological University, Belagavi 66.79%
- Phd (pursuing): Computer Science & Engineering, Om Sterling Global University

Contact: 8787882318

Address: (College Address) Techno College of Engineering Agartala, Maheshkhola, Anandanagar, West Tripura, Pin - 799004

Mobile: 8794132092

Email: debnath.sankhasubhra@tiaedu.org

Research Interest:

Artificial Intelligence, Cyber Security, Data Science, Cloud Computing, IoT, Machine Learning.

Membership of professional bodies: Rotaract Club of Agartala

Professional Experience: 10+ years

Patents: REAL-TIME MEDICINE ADVERSE REACTION ANALYZER

Publishes Journal/ Conference papers/ Book/ Book Chapters :

- “Active Directory and Its Security Testing” (Springer Smart Innovation Systems & Technologies)
- “Real-Time Object Detection Using YOLOv5” (Springer S.I.S.T.)
- “Fresh Fruit Detection Using Yolo and OpenCV” (Springer S.I.S.T.)
- “Determining Quality of Food and Service in Restaurants with Fuzzy Inference” (IEEE ComSoc MMTC, 2023)
- “Artificial Neural Network” (MISS-2021)
- “Facial Emotion Recognition and Detection in Python Using Deep Learning” (MISS-2021)
- “Image Caption Generator With Music on Deep Learning” (MISS-2021)





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Achievements (if any):

Organized and coordinated departmental seminar / workshop.

Recognized for academic excellence by department.

Guided student projects successfully.

Active member of Rotaract Club Agartala – contributed to community programs.

Received appreciation for event coordination.

Co-ordinator of “Scienergy” - the flagship event of TCEA.

Member of Admission Team of TCEA for the past 7 years.

Co-ordinator of Student Outreach Programs.

Co-ordinator of the Educational tours of various schools for IT/IT-eS visit at TCEA.

Hobbies: Exploring emerging technologies, academic writing, public speaking, fitness training.