



**2020 International Conference
on
Computer Science, Engineering and Applications
(ICCSEA 2020)**

IEEE Conference Record #49143

(March 13 – 14, 2020)

**Organized by
Department of Computer Science & Engineering
GIET University, Gunupur-765022, India**

IEEE
KOLKATA SECTION



Special session on:

Computer Vision and Image Processing using Soft Computing Techniques

Session Chair:

Dr. Aniruddha Dey

Assistant Professor, Department of Computer Science & Engineering.

Bankura Unnayani Institute of Engineering. Kolkata

Mobile: +91-9231376316/ 8240761221.

E-mail: anidey007@gmail.com, adehy@research.jdvu.ac.in.



Topics of interest include, but are not limited to

- Fuzzy Logic
- Artificial Neural Network
- Rough Set Theory
- Signal Processing for Communication
- Image & Video Signal Processing
- Digital & Image Forensic
- Pattern Analysis & Classification
- Face Recognition
- Computational Imaging and Displays
- Vision-based Graphics
- Restoration, Super Resolution
- Motion and Video Analysis
- Tracking and Surveillance
- Modeling and Animation
- Compressive Sensing
- Biometrics Recognition
- Image and Video Retrieval
- Medical Image Analysis
- Object and Scene Recognition
- Document Image Analysis
- Statistical Methods and Learning
- Association rule learning
- Artificial neural networks
- Deep Learning
- Inductive logic programming
- Support vector machines
- Computational Neuroscience
- Cognitive Computing
- Computer Vision
- AI and soft computing applications of adaptive systems

Bibliography:

Aniruddha Dey received his B.Tech (Computer Science and Engineering) from West Bengal University of Technology (now Maulana Abul Kalam Azad University of Technology), Kolkata, India, in 2007, M.Tech (Information Technology) degree and Ph.D. (Computer Science and Engineering) degree from Jadavpur University, India, in 2010 and 2018, respectively. Dr. Dey has been a faculty member of the Department of Computer Science & Engineering, Bankura Unnayani Institute of Engineering, since 2019. He is a recipient of ***Project Fellowship*** (UGC Major Project) in March 2011 *and Senior Research Fellowship* (Under State Government Fellowship) at the Department of Computer Science & Engineering, Jadavpur University, Kolkata, India since October 2012 to October 2017 during Ph.D. He is a also recipient ***Project Linked Person*** in Indian Stastical Institute on 2018. He is a member of the ***Institute of Engineers, India*** and ***IEEE Computer Society Technical Committee on Learning Technology***. He has published more than 5 research papers in reputed refereed (Scopus/ SCI) International Journals and more than 12 papers in international conferences. He has handled one R&D projects from the IEI, India. His research interests include face recognition and detection, machine learning and image Processing. He got ***“Honorable Mention”*** award in PhD Symposium of CICT-2019 at IIIT-Allahabad, Dec. 2019.and ***“Best Thesis”*** award in PhD Symposium of SoCTA-2019 at NIT-Patna, Dec. 2019.