



Name: SOURAV MAJI

Designation: ASSISTANT PROFESSOR

Qualification: M.TECH

Specialization: Microelectronics & VLSI & Image Processing

Work Experience: 9 years

Publication:

1. Paper is published in the **"ITResearch International Journal of Electrical, Electronics and Data Communication"**. ISSN (p): 2320-2084, Volume-1, Issue-3.
Research paper title: ***"Root-Mean-Skewness Bi-Histogram Equalization method for Contrast Enhancement and Scalable Brightness Preservation for Low-Contrast Asymmetric Images"***.
2. Paper published in the **"4th National Conference on Technical and Managerial Innovation in Computing and Communication in Industry and Academia IEMCON 2013"**
Research paper title: ***"Duo-Histogram Equalization method for Contrast Enhancement for Images using Power-Law Transformation of Mean based on Kurtosis"*** "ISBN: 978-81-923777-9-7"
3. Paper published in the **"International Conference on Applied Electromagnetics, Signal Processing & Communication AESPC 2018 "** IEEE catalog number: CFP18Q16, ISBN:978-1-5386-8322-3
Research paper title: ***"Comparison of Higher Order Statistical Method for Low Contrast Images"***

Name	Organized by	Topics covered
Nano-technology based Summer training. (4 weeks)	Institute of Radio Physics and Electronics, Calcutta University	Nano composites, Carbon nanotubes, Super lattice structure, Quantum wells, wires, dots, FinFET, DG MOSFETs, Nano-LEDs, Nano-LASERS, Clean Room, MBE machine
Microchip ATMEGA 16(5 days)	Microchip Academic program, EduSkill	Microchip programming in ATMEGA 16 microcontroller using proteus software
Universal Human Values in Technical Education (5 days)	All India Council of Technical Education (AICTE)	Harmony in Self, Right Understanding, Self-Body co-existence, Trust, Respect, Harmony in Society and Nature.