

Curriculum vitae

POULMI BANERJEE



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SUMMARY:

I am an Electronics and Communication Engineer, pursuing Ph.D. in Device from IEST Shibpur at the dept. of School of VLSI Technology, having strong Academic background and more than 3 years' experience in Teaching as the position of Assistant Professor at REGENT EDUCATION & RESEARCH FOUNDATION GROUP of INSTITUTIONS affiliated in MAKAUT.

ACADEMIC BACKGROUND:

My Ph.D. Enrollment No: 2025VLP004 of academic session 2025-26

DEGREE	STREAM	BOARD
Ph.D.(Pursuing)	Device(School of VLSI Technology)	IEST
M.Tech	Electronics & Communication Engineering(COMM)	MAKAUT
B.Tech	Electronics & Communication Engineering	MAKAUT

AREA OF INTEREST:

1. *Signal and System*
2. *CMOS VLSI Technology*
3. *Internet of Things*
4. *Neural Network*
5. *Digital Electronics*

PAPER & CONFERENCE:

1. *"Fusion Based Feature Selection for Fault Diagnosis in Non-linear Analogue Circuits", 7th International Symposium on Devices, Circuits & Systems. Kasturi Ghosh, Poulmi Banerjee, Dipankar Biswas, Hafizur Rahaman.*
2. *"Development of an interactive GUI using MATLAB for the detection of type and stage of breast Tumor". Poulmi Banerjee , Satadal Saha, at Mukta Shabd Journal (ISSN NO : 2347-3150), Volume XIII, Issue IV, APRIL 2024.*
3. *"Detection of Breast Tumor by Image Processing using MATLAB", Poulmi Banerjee, Satadal Saha , at PRAYAS 2022(ISBN 978-93-5626-963-7, Fourth Edition- April 2022*

TRAINING:

TRAINING	KEY LEARNINGS	DURATION
Communication	During this training a wholesome knowledge was provided on installation of various types of antenna and various aspects of electronics instruments used in the industrial sector area is being highlighted.	June–July, 2019

FDP:

TITLE	PLATFORM	DURATION
Dreamweaving: Turning Ideas into Creative Reality	RERFGI	6/2/24-10/2/24
DreamWeaving II: The Art of Entrepreneurial Success	RERFGI	21/5/24-25/5/24
Application of Semiconductors: Past, Present & Future Trends	ATAL	5/8/24-10/8/24
Building the Next Wave of Indian Startups with Advanced Computing Technologies	ATAL	6/1/25-11/1/25
Recent trends in renewable energy sector	RERFGI	13/5/25-17/5/25
Role of Electronic Vehicles in shaping Modern Age society towards Sustainable Future.	AIEM	29/7/25-2/8/25
Quantum Intelligence: Integrating Quantum Technology with AI and ML	ATAL	18/8/25-23/8/25

