

Rupanwita Das Mahapatra

Sr. ASSISTANT PROFESSOR



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WEST BENGAL, INDIA

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DOB: 12/06/1980

NATIONALITY: INDIAN

STATUS: MARRIED

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I am working as an Assistant Professor in the Department of EEE, Adamas University, Kolkata

Looking forward for an exciting & challenging career, in the cutting edge field of Electronics Engineering, with an organization that has congenial working environment and provides excellent opportunities for mutual growth.

Pursuing PhD, Department of ECE, Adamas University	Registration completed, Will be submitted soon
M.Tech(TECOMMUNICATION)-2010 National Institute of Technology, Durgapur (Deemed University)	CGPA-7.92 1st Class
B.Tech-2001 ETCE, CVRCE Utkal University	66.7% 1st Class
Higher Secondary-1997 WBBHSE	65.7% (Mathematics-67) 1st Class
Secondary -1995 WBBSE	77.5% (Mathematics-74) 1st Class

RESEARCH INTEREST

Cognitive radio, Fuzzy system modelling, Advanced Semiconductor devices, Robotics, Embedded Systems.

AREA OF INTEREST

Digital Design, Telecommunication System, Microprocessor & Microcontroller, VHDL, Telecommunication Network management, Embedded System Design, Analog Electronics, Wireless Communication, Basic Electronics & Different laboratory.

PROJECT TAKEN UP DURING B.TECH

Advance Conference System-This project is such a instrument which may be used at any company. The employee & Manager need not go to the conference hall. Sitting just at their respective rooms they can start conference. Wireless transmission is the basic principal of this project. For maximum noise free transmission Frequency Modulation 7 Demodulation technique is adopted.

PROJECT TAKEN UP DURING M.TECH

Identification of Neural Patient using Fuzzy logic & Genetic algorithm.

DETAILS OF TEACHING EXPERIENCE

Post	Name of Institute/Industry	Nature of Work	Duration
Lecturer	Vemana Institute Of Technology, Bangalore	Teaching	2 Years
Lecturer	KNS Institute of Technology, Bangalore	Teaching	1.5 Years
Lecturer	Bengal College of Engineering & Technology, Durgapur	Teaching	2 Years
Assistant Professor & In-charge	NSHM Knowledge Campus, Durgapur	Teaching	3 Years
Assistant Professor	College Of Engineering, KGI Bhubaneswar	Teaching	1.7 Years
Assistant Professor	Adamas University, Kolkata	Teaching	22.04.16 till date

International IEEE Conference/Journal

1. Mitra D, Mahapatra Das R (2013), FIS based cognitive radio scheduling, 2013 IEEE International Conference on Fuzzy Systems (FUZZ), 07-10 July, Hyderabad, India, pp 1-7.DOI:10.1109/FUZZ-IEEE.2013.6622335
URL: <https://ieeexplore.ieee.org/document/6622335>
2. Mahapatra Das R , Mitra D (2015),Optimal Power Control for Cognitive Radio in Spectrum Distribution Using ANFIS, IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems 2015,19-21 February,NIT Calicut,India.978-1-4799-1823-2/15/\$31.00 ©2015 IEEE
URL: <https://ieeexplore.ieee.org/abstract/document/7091360/similar#similar>
3. Das Mahapatra R,Mukherjee M,Chatterjee S, Graphene Sensors for application in defence and healthcare sector:Present trends and future direction,micro2021,springer (ready for publication)
4. Das Mahapatra R,Mukherjee M,Chatterjee S, Graphene based biosensor: Physics and Technology,micro2021,springer (ready for publication)
5. Sarker R, Das Mahapatra R, Automatic UVC Disinfection Robot, International Journal of New Innovations in Engineering and Technology, Volume 17 Issue 2 July 2021,ISSN: 2319-6319
URL: <http://www.ijniet.org/issues/volume-17-issue-2-july-2021/>
6. RD Mahapatra, BK Sarkar, O Zmeskal, Thermal variations of elastic properties of solids using EoS, based on finite strain, AIP Conference Proceedings 3126 (1)

LANGUAGE KNOWN

❖ **Languages:**C, MATLAB7.5,VASP Tool,Embedded C,Comsol Multiphysics

Short Term Course attended

Sl. No.	From	To	Institute/Industry	Sponsored & Organized by	Name of the Course
1.	20 th March 2013	24 th March 2013	Indian School of Mines, Dhanbad	Indian School of Mines, Dhanbad	Certificate Course of Soft Computing Methods

2.	28 th October	01 st November, 2013	NIT,Durgapur	NIT,Durgapur	TEQIP-II Sponsored workshop on “Advanced Wireless Communication & Networking(AWCN-2013)”
3	12 th November	19 th November, 2019	IIT,Kharagpur	IIT,Kharagpur	TEQIP-II Sponsored One week training on Robotics by Mechanical Dpt

Extra Curricular Activity:

- 1.Member of Discipline and Anti-ragging Committee,Chief Warden of Girls Hostel,Mentor of Robotics and AI Club,Member of IIC committee.
- 2.Attended Workshop on “Women Security” organised by Police Commissionerate, Bhubaneswar-Cuttack on 15th May 2015.
- 3.Mentor of Robotics Club.

Achievement:

1. Received Best Club Mentor Award for Robotics Club.
2. Best Paper Award received after attending 8th international conference Microelectronics, Circuits and Systems
3. IEEE Best Research Paper Award – 2009, 2011 and 2019
4. Received Best Assistant Professor Award.
5. Received Winner Award as mentor from Smart India Hackathon 2024.

Membership:

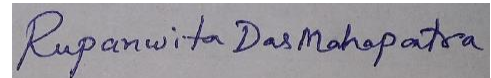
Member in Institute of Engineers, IEEE Member, Member of ISTE.

DECLARATION

I do hereby declare that all the informations provided above are true to the best of my knowledge and belief.

Date: 13/01/2025

Place: Barasat



Rupanwita DasMahapatra