

Name of Faculty Dr. Madhulika Das
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 09 – 01- 2023
 E-mail madhulikadas_eee@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Control System)	Awarded
PG	M.E (Control System)	First
UG	B. Tech (EE)	First

Work Experience

Teaching	04 Year	
Research	--	
Industry	--	
Others	--	
Area of Specialization	Control System	
Professional Memberships	IICHE (Indian Institute of Chemical Engineers, Membership No.: LAM-70968)	
Responsibilities held at Institution Level	--	
Responsibilities held at Department Level	--	
Research Guidance	--	
Awards Received	--	
Courses Handled at Under Graduate / Post Graduate Level.	Control System, Basic Electrical Engineering, Electrical circuit Theory and analysis, Power Electronics	
No. of Papers Published	National Journals – 01 International Journals – 00	
	National Conference – 00 International Conference – 00	
Projects Carried out	--	
Patents	--	
Technology Transfer	--	
Invited Speaker	--	
No. of Books/Chapter Published with details	02	

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings **(Attended and/or Organized).**

1. Participated in Teqip III sponsored One-week e-FDP on "Materials for Semiconductor Devices and PV Modules", organized by CoE in Advanced Materials Research, IEEE PES-SSIT, Department of Electrical and Electronics Engineering in association with FET MJP, Rohilkhand University, Bareilly, U.P. 8th -13th March 2021.

2. Participated in One-week FDP program on "Smart Tools and Methodologies for Academic Research" Organized by Automation and Robotics and Mechatronics Department of Sharad Institute of Technology. 25th to 29th December, 2022.

1. Madhulika Das "Designing Optimal Controller for Linear Multi-Input Multi- Output Uncertain Systems via Second Order Sliding Mode", International Journal of Electronics, Electrical and Computational System IJEECS ISSN 2348-117X Volume 7, Issue 3 March 2018.

2. Madhulika Das and Vinay Kumar Jadoun, "Stabilization of Chaotic Systems Using Robust Optimal Controller", Intelligent Computing Techniques for Smart Energy Systems, Springer Lecture Notes in Electrical Engineering 607, 2020.

3. Akanksha Kalia, Shikar Sharma, Saurabh Kumar Pandey, Vinay Kumar Jadoun and Madhulika Das, "Comparative Analysis of Speaker Recognition System based on Voice Activity Detection technique, MFCC and PLP features" Intelligent Computing Techniques for Smart Energy Systems, Springer Lecture Notes in Electrical Engineering 607, 2020.

Details of Conferences **(National and International)**

