Name: Dr. /Mrs   DIPTA CHAUDHURI

Department: ECE

Contact Nos.: 9434476036 / 7908894261

Qualifications: M.TECH

Designation: ASSISTANT PROFESSOR

VIDWAN ID: 185813

Experience (Teaching / Research / Industry, in years): 14 Years(Teaching)

Date of Joining at the Present Institution: 09/01/2007

Examinations Cleared: N/A

Qualifications Summary (Reverse chronological order):

Degree	Institute	From – To	Subjects
M.TECH	NIT DURGAPUR	2005-2007	TELECOMMUNICATION ENGINEERING
B.E	ASANSOL ENGINEERING COLLEGE	2000-2004	ELECTRONICS & COMMUNICATION ENGINEERING

Experience Summary (In chronological order):

Designation	Organization	Date From – Date To
Asst. Prof (Grade-II)	Dr.B.C.Roy Engineering College	01/07/2014 – Till date
Asst. Prof (Grade-I)	Dr.B.C.Roy Engineering College	2010-30/06/2014
Lecturer	Dr.B.C.Roy Engineering College	09/01/2007 - 2010

Specialization/Research Interest: Communication, Signal Processing

Awards & Recognitions
Best paper/ scholarship/Position in university exam / awards while at industry/ other organizations etc. N/A

1. Recognized as NEN Certified E- faculty having undergone Faculty Development Programmes for WF100 and WF101

2. Certified for successful completion of EEP with good score in Competency Outcome Proficiency Indicator Scale.

Courses taught: B.Tech, M.Tech

B.Tech: Specify the name of the subject/s
(Theory first and then practical)
1. Signals & Systems
2. Information Theory & Coding
3. Digital Electronics
4. DSP lab
5. Digital Communication Lab
6. Digital Electronics Lab

M.Tech: specify the name of the Subject/s
1.Coding

Online Mode of Teaching:
https://drive.google.com/drive/folders/1a5hm6RhFXaiv4XxJRrLJrg-Xt6SxO0mW?usp=sharing

Publications:

Journal : Adaptive Processing Gain Data Services in Cellular CDMA in Presence of Soft Handoff with Truncated ARQ, Int'l J. of Communications, Network and System Sciences
Vol.2 No.2(2009), Article ID:428,8 pages DOI:10.4236/ijcns.2009.22017

Conference:
 Performance of Voice/Data Integrated Services in CDMA in presence of Soft Handoff , ICEMC, 2007 , P.N0-96-101

Resource allocation for packet data in presence of soft handoff and space diversity in cellular CDMA , IEEE, 11-13 Dec. 2008 INSPEC Accession Number: 10469623
DOI: 10.1109/INDCON.2008.4768825 , Kanpur , India

Adaptive processing gain data with space diversity and truncated ARQ in presence of soft handoff in cellular CDMA , IEEE 2008 , 19-21 Nov. 2008, INSPEC Accession Number: 10469778
DOI: 10.1109/TENCON.2008.4766455

Book: NO

Book Chapter:
- **Dipta Chaudhuri**, Moloy Mukherjee, Mofazzal H. Khondekar and Koushik Ghosh, Simple Exponential Smoothing and Its Control Parameter: A Reassessment, P.No-63 to 77, Recent Trends in Signal and Image Processing,Springer,2018, DOI: 10.1007/978-981-13-6783-0_7

Supervision of Ph.D/M.Tech / B.Tech Projects:

1. BIOMETRIC ELECTRONIC VOTING MACHINE
2. Voice Recognition System
3. Cartoonifying an Image in Python Using OpenCV
4. Arduino Based Home Automation via Bluetooth
5. Image Compression Using Discrete Wavelet Transform

Projects: NO

Invited Lectures:
Invited as E- trainer to conduct the session on MVP and PROTOTYPING at the workshop-National E-Camp, 2018 organised by IEM , Kolkata in collaboration with Wadhwani Foundation.

Participation in seminar/conference/symposium/workshop/discussion meeting

Name of the event, duration, Year, Organized by.

1. " Webinar on Internet of Things: Architectures, Protocols, Applications and Security Concerns " Organised by Department of Computer Science and Technology Indian Institute of Engineering Science and Technology, Shibpur During 14th -18th December, 2020
2. " Emotional First aid to Reduce Performance Anxiety ", online, 28th July 2020 , organized by Dr.B.C.Roy Polytechnic in joint collaboration with Skillfinity, Guwahati
3. A Seminar on "Teaching and Learning Skill Development" was organized at the BCREC on 22nd August 2019.

Participation in faculty development programmes
1. Behavioural Remodelling with Mentoring Pedagogy and Need of Mental Health sessions for Classroom Delivery of Teachers , Face-to-face, 08 - 12 January, 2020, one weak, Electronics & ICT Academy Indian Institute of Technology Guwahati
2. "NEN Entrepreneurship Educator Program", organized by NEN from 25-29 July 2017 at DIATM, Durgapur.

Organization of events (Dr. B. C. Roy Engineering College)
1. IEEE-National Conference on Emerging Trends on Sustainable Technology and Engineering Applications (NCETSTEA 2020) – Member
2. Tech Fest - 2019,18,17.

Participation in administrative committees (selected)
Name of the post (Convener/Joint Convenor/Member secretary/Co-ordinator etc.), Name of the committee, year

1. **Departmental NBA Committee – Member – 2016**

2. **NIRF Committee – 2020**

3. **Entrepreneurship cell -2014**

Project Ideas Submitted to Govt. Agencies/ On-going Projects / Research Ideas under preparation & execution : N/A

Membership of professional bodies: IEEE, IETE, IEI, CSI, MGMI etc. NO