Name: Mr. Sandip Chakraborty

Department: Information Technology

Contact Nos.: 9932253053

Qualifications: P.hD (Pursuing), M.Sc, B.Sc (Hons.)

Designation: Asst. Professor

VIDWAN ID: 237005

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

01 year (Teaching), 15 years (Non-Teaching)

Date of Joining at the Present Institution: 02/07/2013

Qualifications Summary (Reverse chronological order):

Degree	Institute	From – To	Subjects
P.hD. (Pursuing)	NIT Durgapur	2020-Pursuing	Computer Sc.
M.Sc	SHUATS	2010-2012	Computer Sc.
B.Sc(Hons.)	Burdwan University	2002-2005	Computer Sc.

Experience Summary (In chronological order):

Designation,	Organization,	Date From – Date To
TA	DIATM	2006-2011
Sr. TA	NSHM	2011-2013
Sr. TA	BCREC	2013-2020
Asst. Prof.	BCREC	2020-Till Date

Specialization/Research Interest:

Hardware Security

Courses taught:
B.Tech:
Programming for Problem Solving (ES CS201) (Theory)
Programming for Problem Solving (ES CS291) (Practical)
Data Structure & Algorithm (ES CS301) (Theory)
Data Structure & Algorithm (ES CS391) (Practical)

M.Tech: NA

Online Mode of Teaching:

Take live online classes.

Record screens and videos by using different tools.

Share recorded classes and Notes to the students.

Drive Link for (ES CS-201/291):
https://drive.google.com/drive/folders/1xaT5uM2YgmqiMlnGUFzr87vZKbVeIdqv?usp=sharing
Drive Link for (ES CS-301/391):
https://drive.google.com/drive/folders/1CBJGfQ6WWePIyzEHUyOpY0l93Ob0R2AL?usp=sharing

Publications:

Conference:
Sandip Chakraborty, Jiban Dalal, Bikramjit Sarkar, Debaprasad Mukherjee, "Neural Synchronization based Secret Key Exchange over Public Channels: A survey." "Signal Propagation and Computer Technology (ICSPCT)", 2014, International, IEEE, DOI: 10.1109/ICSPCT.2014.6906631

Projects:
1. Sagar mandal (12000217018), md. Mashuk islam (12000217039),aarav sinha (12000217062) , Sandip Chakraborty, " Digital Ballot" , 2021
2. Prashant kumar singh (12000217028), kumari shamikha singh (12000217041), amandeep (12000217059), "online mobile recharge", 2021

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

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

1. "Data Mining and Machine Intelligence", On 28th may, 2007, Organized by DIATM and SPSS.
2. "Cooperative System for Next Generation Networks", on 27th April, 2014, Organized by The Institute of Engineers (India).
3. "Nanotechnology: New Opportunities and Challenges", on 29th March, 2015, Organized by The Institute of Engineers (India).
4. "NMEICT-Awareness Workshop", 17th January, 2016, organized by NIT Durgapur and MHRD.
5. "Next Generation Cooperative Networking System", 11th April, 2017, Organized by BCREC Durgapur.
6. "Think-IoT 2017.v1-BootingIoT: An Intoduction to to the IoT Platform", 28th and 29th April, 2017, Organized by BCREC Durgapur.
7. "Introduction to Networks", 8th and 9th Aug, 2017, Universidad De JAEN, SPAIN.
8. "Enterprise Architecture and Its Security" 21st January, 2020, Organized by BCREC Durgapur.

9. "National Conference on Emerging Trends on Sustainable Technology and Engineering Applications 2020", 7th and 8th February, 2020, Organized by BCREC Durgapur.

Participation in faculty development programmes

1. "Recent Trends in Machine Learning and IoT", 17-21 june, 2019, Organized by NIT Durgapur.
2. "Foundations and practical aspects of cyber security", 15-19 December, 2020, Organized by BCREC Durgapur.
3. "3D Printing and Design", 17-21 August, 2021, Organized by BCREC Durgapur.

Participation in administrative committees (selected)

1. Member, NBA Core Committee (CSE Department)

2. Member, NBA Core Committee (IT Department)