

Name: Mr. CHANDAN PAUL

Department: ELECTRICAL ENGINEERING

Contact Nos.: 9614486387



Qualifications: MTECH, PhD (Pursuing)

Designation: Assistant Professor

VIDWAN ID: 187868

Experience (Teaching / Research / Industry, in years): 13 Years

Date of Joining at the Present Institution: 6th July, 2013.

Examinations Cleared: NET-CSIR/GATE : NA

Qualifications Summary (Reverse chronological order):

Degree	Institute	From	To	Subjects
MTECH	NIT, Durgapur	2009	2012	Electrical System
BTECH	Dr. B.C.Roy Engineering College(Durgapur)	2002	2006	Electrical Engineering
Higher Seconrdary	UKBI (Ukhra, Burdwan)	1998	2000	Science
Secondary	Baidyanath Pur High School (Pandaveswar, Burdwan)	1998	1998	Bng, Eng, Math, Phy Sc, Life Sc, His, Geo

Experience Summary (In chronological order):

Designation	Organization	Date From	Date To
Assistant Professor	Dr.B.C.Roy Engineering College, Durgapur	6 th July 2013	Continuing
Lecturer	NHIT, Durgapur	4 th July 2008	4 th July 2013
Lecturer	IEM, Mathura	1 st December 2007	2 nd July 2008

Specialization/Research Interest: Different types of Optimization technique apply to power system.

Awards & Recognitions

Best paper/ scholarship/Position in university exam / awards while at industry/ other organizations etc.: NA

Courses taught:

B.Tech: Specify the name of the subject/s (Theory first and then practical)

Basic Electrical

Circuit Theory

Electrical machine-I

Electrical machine-II

Electric Drives

System Design

Basic Lab

Machine Lab_I,II

Online Mode of Teaching:

1. Lecture notes
2. Video Lectures
3. Online class link

<https://meet.google.com/fxw-soqz-cpy>

<https://meet.google.com/dxo-zgbh-ivj>

<https://meet.google.com/vea-thqy-ecw>

Publications:

Journal:

1. Roy, P.K., Paul, C., Sultana, S. " Oppositional teaching learning based optimization approach for combined heat and power dispatch", Electrical Power and Energy Systems. 2014, Volume No.57, pp. 392–403
2. Roy, P.K., Bhui, S., Paul, C. " Solution of economic load dispatch using hybrid chemical reaction optimization approach", Applied Soft Computing. 2014,Volume No. 24, pp.109-125.
3. Roy, P.K., Paul, C. " Quasi-oppositional gravitational search algorithm applied to short term hydrothermal scheduling problems", International Journal power and energy conversion. 2015, 6(2).

4. Roy, P.K., Paul, C. "Optimal power flow using krill heard algorithm", International Transaction on Electrical Energy systems. 2014.
5. Paul, C., Roy, P.K, V. Mukherjee. "Chaotic whale optimization algorithm for optimal solution of combined heat and power economic dispatch problem incorporating wind," 2020, 35(00).
6. Paul, C., Roy, P.K, V. Mukherjee. "Study of wind-solar based combined heat and power economic dispatch problem using quasi-oppositional-based whale optimization technique," Optimal Control application and Management. September 2021.
7. Paul, C., Roy, P.K, V. Mukherjee. "Application of chaotic quasi-oppositional whale optimization algorithm on CHPED problem integrated with wind-solar-EVs," International Transaction on Electrical Energy systems. September,2021.

Conference:

1. NA

Book:

NA

Book Chapter:

NA

Supervision B.Tech Projects:

B.Tech Projects:

1. Name of the student/s (with university roll number): Moupali Mukherjee [12001617072], Kajal Kumari [12001617077], Shikhar Sourav [12001617044], Ankit Raj [12001617092], Manas Show [12001617073], Kuntal Adhikari [12001617074], Nisha Rani [12001617068].
Name of the supervisor : Chandan Paul.
Title of the Project: Pure Sine Wave Inverter Year (2016-2020)

Invited Lectures: NA

Participation in : workshop

Technical Workshop on recent trends in Machine Intelligence data Mining and Soft Computing Techniques and its impact on research and Development. 23rd-24th November 2013, Dr.B.C.Roy. Engineering College.

Participation in faculty development programmes

1. Future trends in wide area based power systems control and protection., Online, (13th-

- 17th October 2020), Organised by NIT, Allahabad
2. Renewable Energy Technologies for sustainable Developments. Online, (15th-19th June),2021, Organised by Dr.B.C.Roy, Polytechnique Durgapur.
 3. Outcome Based Education and Teaching Learning Process., Online, (27th-29th) October 2021, Organised by Dr.B.C.Roy, Polytechnique Durgapur.

Organization of events (Dr. B. C. Roy Engineering College)

Name of the event, Date, Year

1. Member in IEEE-NCETSTEA-2020 on 7-8 February 2020
2. NBA Coordinator (EE)

Participation in administrative committees (selected)

Name of the post (Convener/Joint Convener/Member secretary/Co-ordinator etc.), Name of the committee, year

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

Membership of professional bodies: IEEE, IETE, IEL, CSI, MGMI etc.: NA