

Resume

Name: SOUMEN BISWAS

Department: ELECTRICAL ENGINEERING

Contact Nos.: 6290191294

Qualifications: M.Tech

Present Position: Assistant Professor – Grade I

VIDWAN ID: 187866

Experience: (Years with BCREC/Other Places)



Sl. No.	Name of Organization	Duration	Position
1)	NITMAS, Amira, Jhinga, Diamond harbour	1/08/2013 to 31/08/2014	Asst Prof.
2)	DR B C ROY ENGINEERING COLLEGE DURGAPUR	2/09/2021 to till date	Asst Prof.

Date of Joining at the Present Institution: 02/09/2014

Qualifications: (10th/12th/UG/PG)

Examination	University/Board	Year of passing	Division
Secondary	WBBSE	2001	1 st
Higher Secondary	WBCHSE	2003	1 st
B.E(Electrical Engineering)	WBUT	2008	1 st
M.Tech	IIT KGP	2013	1 st
Phd	IIT(ISM)Dhanbad	Persuing	

Specialization/Research Interest: Power System, Fractional order controller, AGC, Optimization,

Courses taught:

B.Tech: Network Theory, Basic electrical egg, Network Lab, Power system, Power system, Machine, Power generation Economics.

M.Tech: Power system instrumentation,

Online Mode of Teaching: With the help of Pen Tab
Study materials: Lecture notes, PPT

Publications: (Journals/Conference Proceedings)

Journal

- [1] **Soumen Biswas**, Provas kumar Roy, Kalyan chatterjee “Renewable Energy-Based Multi-source System Under Deregulated Environment Using COKHA Algorithm” *IETE Journal and research*’2021, Vol 1, No.1,;pp. 1-14, .SCI, I.F-2.33.
- [2] **Soumen Biswas**, Provas kumar Roy, Kalyan chatterjee “FACTS-based 3DOF-PID Controller for LFC of Renewable Power System Under Deregulation Using GOA” *IETE Journal and research*’2021, Vol 2, No.1,;pp. 1-14, .SCI, I.F-2.33.
- [3] **Soumen Biswas**, Provas kumar Roy, Kalyan chatterjee “Development of MADB of P-I controller using LMI technique in a renewable energy based AGC system and study its application in a deregulated environment including energy storage device “*Optimal control and application method*’2021, ;pp. 1-26, .SCI, I.F-2.53.

Conference

- 1) Leena goswami, **Soumen Biswas**, Susanta Dutta, Provas kumar Roy “Load frequency control of multi area power system with de-regulation using OKHA” 2017 Third International Conference on Science Technology Engineering Management (ICONSTEM), (IEEE Xplore).
- 2) Sanjoy Kumar Saha, **Soumen Biswas**, “Fuzzy Logic and PI Controller Implementation on Dynamic Voltage Restorer” GCAT -2021, Nagarjuna College of Engineering and Technology, 1st & 3rd October 2021, (IEEE Xplore).
- 3) Sanjoy Kumar Saha, **Soumen Biswas**, “Performance Analysis of Fuel Cell Based DG Microgrid” IEEE 7th I2CT India, 07th-09th April 2022. (IEEE Xplore) (Under Review)

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

B.Tech

More than 60 students of B.Tech (Electrical discipline) are guided by me for their final year project since 2007.

M.Tech (Power System Engineering)

Name of student	Year of passing	Title of Thesis
Karamat Hussain	Pursuing M.Tech	Automatic generation control of multi area system using deregulated environment

Participation in faculty development programmes:

Name of the faculty development programmes	Online / Face-to-face	From Date – To Date	Duration	Year	Organized by
"Future Perspective of Semiconductor Devices	Online	21/06/2021-25/6/2021	1 week	2021	ATAL Academy.
Modelling simulation of dynamic system	Online	27/07/201 to	1week	2021	NIT Allahabad

		1/10/2021			
Modern Trends of Electrical Engineering and its Applications	Online	20/12/2021 to 24/12/2021	1week	2020	Dr.B.C Roy Engineering college
Research opportunity of smart grid technology	Online	22/03/2021 to 27/03/2021	1week	2021	College of Engineering Perumon
Internet things (IOT) vision(Phase-III)	Online	13/04/2021 to 20/04/21	1week	2021	Motilal neheru government polytechnic college

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

- 1) Organizer of an One day Seminar on “Industry Ready Orientation Program” conducted by EE department dated on 04.05.2019 in the college premises.

Brief description of duties/responsibilities:

Other than usual classes, I am actively involved in the documentation activities as required in various accreditation processes like NBA, NAAC and ranking framework like NIFS as assigned by the HOD, Electrical.



Soumen Biswas