

Faculty Profile



Name:	Somendra Banerjee
Designation:	Assistant Professor
Department:	Electrical Engineering
Phone No(s):	9450596614; 7905429714
Email:	somendra.engg@gmail.com
Qualifications:	M.Tech.(Ph.D. Pursuing)
Experience:	14 yrs 1month
Area of Interest:	<ul style="list-style-type: none">• Control System and its application in different fields of Electrical Engineering.• Power Converters.• Network Circuit Analysis.• Electric Drives and machines.• Electric Vehicles and its analysis
Publication:	<ul style="list-style-type: none">• 3 research papers in International Journals• 4 papers in different national and international conferences

SOMENDRABANERJEE

Personal Information

Correspondence Address:-

Somendra Banerjee
S/oMr. G.K. Banerjee
N8/187,H-2,Newada

Sunderpur, Varanasi-221005

Permanent Address:-

Somendra Banerjee
S/oMr.G.K.Banerjee
N8/187,H-2,Newada

Sunderpur,Varanasi-221005 Mob
no.:-9450596614 7905429714

E-Mail:

- somendra.engg@gmail.com
- banerjeesomendra83@gmail.com

Hobbies

- *Playing Cricket*

Objective

Seeking a position to utilize my skills and abilities that offers professional growth while being resourceful, innovative and flexible.

WorkHistory

16th July2012–Present Date:-

- Presently working as **Assistant Professor & Head** of the “**Department of Electrical Engineering**” at “**Ashoka Institute of Technology & Management (AKTU, Code-641), Varanasi**”.

September 2007– April 2010:-

- Worked as **Lecturer in Department of “Electrical & Electronics Engineering”** of “**BIET Varanasi**”, from **September 2007 to April 2010**.

Education

Academic Qualifications:-

- **Pursuing Ph.D. in Electrical Engineering** from **Madan Mohan Malaviya University of Technology(MMMUT), Gorkhapur , Uttar Pradesh**
- **Masters of Engineering in “Instrumentation & Control (Department of Electrical Engineering)”** With **69.66 %** marks from **NITTTR Chandigarh** in **2012**.
- **B.Techin“ElectricalandElectronicsEngineering”**with**60%** marks from **RKG Institute of Technology, Ghaziabad, Affiliated to U.P. Technical University, Lucknow in 2007**
- **10+2th**from**CENTRALHINDUBOYSSCHOOL(BHU),VARANASI** in **2001**
- **10th**from**CENTRALHINDUBOYSSCHOOL(BHU),VARANASI**in**1999**

Key Skills

- **MATLAB**
- **LABVIEW**

Area of Interest

- **Power Electronics &Drives.**
- **Control System Engineering.**
- **Electrical Measuring Instruments**
- **Basic Electrical Engineering**

TOPICS OF THEESIS&PROJECTS:-

➤ **In Master of Engineering (M.E):-**

“DESIGN AND DEVELOPMENT OF PWM CONTROLLED FOUR SWITCH THREE PHASE INVERTER FED INDUCTION MOTOR DRIVE SYSTEMS.”

➤ **In Bachelor of Technology(B.TECH):-**

“PROJECT ON WIRELESS TACHOMETER USING INFRARED TECHNIQUE.”

ACHIVEMENT & PUBLICATIONS:-

- **Attended 2 days Conclave on “Electric Vehicles” in IIT BHU, on 16th December 2023 to 17th December 2023.**
- **Coordinated a Faculty Development Program on “Smart Grid: Challenges and Opportunities” in online mode from 20th February to 24th February 2023.**
- **Paper presented on “Design and development of PWM controlled four switch three Phase Inverter using AVR Microcontroller” in the 1st International Conference on computing applications in Electrical & Electronics Engineering organized at Rajkiya Engineering College, Sonbhadra held on 30th – 31st August, 2019.**
- **Paper presented on “Smart irrigation system using smart mirror” in 2nd National Conference on Emerging Trends in Science Technology & Management (ETSTM – 2018) organized by Ashoka Institute of Technology & Management, Varanasi, held on 2nd & 3rd November, 2018.**
- **Coordinated a Short Term Training Program on “MATLAB & its applications in the field of Engineering” organized by “Department of Electrical Engineering, NITTTR, Kolkata” and “Department of Electrical Engineering, Ashoka Institute of Technology & Management, Varanasi” in offline mode from 17th to 21st January 2017 in the Campus of Ashoka Institute, Varanasi.**
- **Paper presented on “Solar – Wind – Biomass Hybrid Power Generation” in 1st National Conference on Emerging Trends in Science Technology & Management (ETSTM – 2017) organized by Ashoka Institute of Technology & Management, Varanasi, held on 11th & 12th November, 2017.**
- **Paper Published on “A novel Four switch three phase inverter controlled by different modulation techniques – A comparison” in International Journal of Research in Electrical & Electronics Engineering”, Vol. 2, Issue 1, January-March, 2014, pp. 14-23. IASTER 2014, www.iaster.com, ISSN (O) 2347-5439.**
- **Paper Published on “Reduction of Total Harmonics Distortion in Four Switches Three Phase Inverter Fed Induction Motor Drive” in International Journal of Research in Electrical & Electronics Engineering”, Vol. 1, Issue 2, October-December, 2013, pp. 82-91. IASTER 2013, www.iaster.com, ISSN (O) 2347-5439.**
- **Paper Published on “Consumers Buying Behaviour- An Electric Circuit & Fuzzy Logic Based Approach”, in “International Journal of Engineering and Innovative Technology (IJEIT)”, Vol. 2, Issue 4, October 2012.**
- **Guided more than 15 B.Tech Projects from Various Departments of Ashoka Institute of Technology & Management, Varanasi.**
- **Qualified “GATE2009” in “Electrical Engineering” with 94.9 percentile.**

PARTICIPATION:-

- **Participated in the 15 days AICTE sponsored QIP / CEP / Short term course on “Smart Electronics for Connected Communities (SECC – 2019) at Department of Electronics Engineering IIT (BHU), Varanasi during Jan. 06th – 18th, 2020.**
- **Participated in Short Term Training Programme through ICT mode on “NBA Accreditation” organized by NITTTR, Kolkata from 22nd to 26th April 2019.**
- **Participated in FDP on “Modern Optimization Techniques for Engineering and Scientific Applications” During June 25th to 29th, 2018 at Ashoka Institute of Technology & Management, Varanasi.**
- **Successfully completed NPTEL online Certification on “Advanced linear Continuous Control System: Applications with MATLAB Programming and SIMULINK.**
- **Attend STC in “labVIEW” and “Energy Management” held on September 2011 in NITTTR Chandigarh**

- Delivered a Seminar on the topic “**FACTS devices**” and prepared the Report on the same.
- Delivered Seminars on the topics “**Controller**”, “**Classification of Transducer**”, “**Velocity Measurement**”, and “**AVR Microcontroller**” and prepared the Report on the same.
- Completed summer vocational training in BHEL (HERP), Varanasi.

Declaration: I hereby certify that all the particulars stated above are to the best of my knowledge and believe true and fair. For any misrepresentation or omission of fact I shall be personally liable.

Date: 16/01/2024

Place: Varanasi



(SOMENDRABANERJEE)