

Name	Dr. Poonam														
Past Experience	Teaching Associate in the Electrical and Instrumentation Engineering Department at Thapar Institute of Engineering Technology, Patiala, Punjab, India.														
	<table><tr><th colspan="2">Period</th></tr><tr><td>From</td><td>To</td></tr><tr><td>18-02-2019</td><td>30.12.2021</td></tr></table>			Period		From	To	18-02-2019	30.12.2021						
Period															
From	To														
18-02-2019	30.12.2021														
Current Job	Assistant professor, VJTI Mumbai														
Department	Electrical department														
Post	Tenure faculty														
Date of Joining	27 th January, 2026														
Qualification	Doctor of Philosophy (PhD)														
E-mail	pdhaka@ee.vjti.ac.in														
Area of Research	Power Systems, Renewable Energy, Time Series Forecasting, and Artificial Intelligence Applications in Power Systems.														
Subjects Taught	Power systems, Control systems, Network Theory, Sensors and Transducers, Advanced Power systems, Computational Methods.														
Publications	<table><tr><th colspan="2">Journal Publication</th><th colspan="2">Conference Publication</th></tr><tr><td>International</td><td>National</td><td>International</td><td>National</td></tr><tr><td>5</td><td>0</td><td>3</td><td>0</td></tr></table>			Journal Publication		Conference Publication		International	National	International	National	5	0	3	0
Journal Publication		Conference Publication													
International	National	International	National												
5	0	3	0												
Guidance	2- M.tech Project 6- B.tech Project														
Workshop Organized	❖ Organising committee member for a day international workshop on Sustainability through renewable energy solutions considering next-generation semiconductor devices on 2024-12-27, organised by the Centre of Excellence for Electric Vehicles and Related Technologies, Electrical Department, DTU, New Delhi, funded by the Science and Engineering Research Board (SERB), Department of Science & Technology, Government of India. ❖ Organising committee member for a day workshop on Power converter technologies for electric vehicles applications on 2023-12-26, organised by the Centre of Excellence for Electric Vehicles and Related Technologies, Electrical Department, DTU, New Delhi, funded by the Science and Engineering Research Board (SERB), Department of Science & Technology, Government of India. ❖ Organising committee member for the departmental fest organised by the Department of Electrical and Electronics Engineering, 2016.														

Conference Organized	N/A
Seminar Organized	N/A
Training Organized	N/A
Workshop Attended	❖ Attended a day workshop on Ansys software on 2025-02-20, organised by the Centre of Excellence for Electric Vehicles and Related Technologies, Electrical Department, DTU, New Delhi. ❖ Attended a one-day international workshop on Sustainability through renewable energy solutions considering next-generation semiconductor devices on 2024-12-27, organised by the Centre of Excellence for Electric Vehicles and Related Technologies, Electrical Department, DTU, New Delhi. ❖ Attended a day workshop on technical writing using LaTeX on 2024-09-10, organised by the Department of Electrical Engineering, DTU, New Delhi. ❖ Attended a day workshop on Power converter technologies for electric vehicle applications on 2023-12-26, organised by the Centre of Excellence for Electric Vehicles and Related Technologies, Electrical Department, DTU, New Delhi. ❖ Attended the short-term training program on Electric Transportation from 2018-08-20 to 2018-08-24, organised by the Department of Electrical Engineering, DTU, New Delhi. ❖ Attended a one-day Introduction to AUTOCAD workshop on 2015-08-08, organised by the Electrical and Electronics Engineering Department, SVMIT, Bengaluru. ❖ Attended a two-day workshop on Analog Electronic Circuits Lab Module, September 20th-21st, 2014, organised by the Electrical and Electronics Engineering Department, SVMIT, Bengaluru.
Conference Attended	N/A
Seminar Attended	N/A
Training Attended	N/A
Collaboration/Interaction with outside world	N/A
Online courses completed	❖ Participated in the course entitled Recent advancements in power quality-based controllers with grid integration of renewable energy sources: design, mitigation techniques and their performance analysis at the distribution level from 2025-12-01 to 2025-12-05, organised by the Department of Electrical Engineering, DTU, New Delhi. ❖ Participated in the course entitled Role of reliability evaluation in power system planning, operation and maintenance from 2025-03-03 to 2025-03-07, organised by the Department of Electrical Engineering, DTU, New Delhi.
Research Proposal Written	
National Conference Attended	
International Conference Attended	N/A
National Papers Presented	N/A

International Papers Presented	1. P. Dhaka, M. Sreejeth and M. M. Tripathi, "Empirical Mode Decomposition for Improved Wind Power Forecasting with Boosted GRU Model," 2024 IEEE Third International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES), Delhi, India, 2024, pp. 722-726, doi: 10.1109/ICPEICES62430.2024.10719259. 2. A. Singh and P. Dhaka, "A Hybrid STL-LSTM Framework for Data-Driven EV Load Forecasting," 2025 IEEE 4th International Conference on Smart Technologies for Power, Energy and Control (STPEC), Goa, India, 2025, pp. 1-7, doi: 10.1109/STPEC66316.2025.11490691.
Editors of Books	N/A
Chapters Published	N/A
Patent filled	N/A
Membership of Professional Body	N/A
Years of experience	2 Year