

Prerna Srivastava

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Uttar Pradesh

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Overview:

- Looking for an opportunity to secure the position of a teacher where I can employ all my skills for the benefit of the institute and also enhance my knowledge through continuous learning.
- Currently working as Assistant Professor (guest faculty on contractual basis) in Electronics Engineering Department in Dr. Ambedkar Institute of Technology for Divyangjan, Kanpur, U.P. from 08 September, 2021.
- Pursuing **Doctor of Philosophy in Electronics Engineering** with specialization in VLSI from **Harcourt Butler Technical University, Kanpur**, U.P. joined in session 2022-2023.
- Pursued Master of technology in **Electronics and Communication Engineering** with specialization in **Communication Engineering** from **Kamla Nehru Institute of Technology, Sultanpur** affiliated to **Dr. A.P.J. Abdul Kalam Technical University** with an aggregate of **76.60%**.
- Pursued Bachelor of technology in **Electronics and Communication Engineering** from **Shri Ramswaroop Memorial College of Engineering and Management, Lucknow** affiliated to **Dr. A.P.J. Abdul Kalam Technical University** with an aggregate of **72.02%**.

Professional Qualification

S.No.	Class	Board	Institute	Year	Percentage
1.	M.Tech	AKTU	KNIT, Sultanpur	2018	76.60
2.	B.Tech	AKTU	SRMCEM, Tewariganj, Lucknow	2016	72.02

Academic Credentials

S.No.	Class	Board	Institute	Year	Percentage
1.	XII	ISC	LPC, Sahara States, Jankipuram, Lucknow	2012	69.83
2.	X	ICSE	LPC, Sahara States, Jankipuram, Lucknow	2010	80.28

Technical skills

- VHDL
- Basics of C & JAVA
- MS-Powerpoint
- MS-Word

Area of Interest

- Microprocessor
- Fundamentals of Electronics Engineering
- Digital Electronics

Personal Skills

- Honest, hard-working, a quick learner and a good listener
- Ability to cope with the changing environment
- Possess positive attitude
- Responsible towards work
- Self- motivated and directed

Training

Name of Organization: Uttar Pradesh Power Corporation Limited, Lucknow

Title of Project: Communication in Power Grid System for Electricity Distribution

Duration: 4 Weeks (15/06/2015-14/07/2015)

Academic Project

- **B.Tech :**

Name of the College: SRMCEM, Lucknow

Title of Project: A Prime Factor FFT Algorithm Using High Speed Convolution

Duration: 9 Months (01/08/2015-01/05/2016)

- **M.Tech :**

Name of the College: KNIT, Sultanpur

Title of Project: Design of 16-bit ALU with Booths Multiplier Using Radix-4 and Its FPGA Implementation

Duration: 10 Months (01/08/2017-01/06/2018)

Journal/Conference Paper Published

- “Design of 16-bit ALU with Booths Multiplier Using Radix-4 and Its FPGA Implementation”, Proceedings of International Conference on Sustainable Computing in Science, Technology and Management, Elsevier SSRN, SSRN Id- 3355190, pg. 858-869, February, 2019.
- “Design of 16-bit ALU with Booths Multiplier Using Radix-4 and Its FPGA Implementation”, The IUP Journal of Electrical and Electronics Engineering, ISSN: 2583- 519X, Vol. XIII No. 4, pp. 30-44, October 2020.

Journal/Conference Paper Published (B.Tech Students)

- “A Review Paper on Rice Quality Analysis Using Image Processing Technique”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Vol. 10 Issue V, pp. 292-294, May 2022.
- “Assistance for Tetraplegic Patients Using Eye Blink Sensor”, Journal for Emerging Technologies and Innovative Research (JETIR), ISSN: 2349-5162, Vol. 10 Issue 5, pp. 514-520, May 2023.

Workshops Attended

- One week workshop on “Communication & Antenna Design for IOT (CADIT-2017)” at MNNIT, Allahabad. (22-27 September, 2017)
- One week workshop on “Antenna Design and Signal Processing Techniques for 5G Networks and IOT (ADSPNIT-2017)” organized at MNIIT, Allahabad. (27 February-4 March, 2017)
- One- day workshop on “IEEE MTT-S Women in Microwaves-2022” organized at IIT Kanpur. (17 September, 2022)
- One- day workshop on “Women in Microwaves: Empowering Women Through Engineering Education; Challenges and Opportunities” organized at IIT Kanpur. (22 July, 2023)

Faculty Development Program (FDP) Attended

- 5-day AICTE FDP on ‘Inculcating Universal Human Values in Technical Education’ from 30 May to 3 June 2022.

- ATAL FDP on ‘Design and Implementation issues in 5G/6G Wireless Communication Networks’ at Rajkiya Engineering College, Kannauj from 20/12/2023 to 25/12/2023.
- FDP sponsored by AKTU on ‘Assistive Technologies for Equitable and Inclusive Education’ at Dr. Ambedkar Institute of Technology for Divyangjan, Kanpur, U.P. from 23/07/2024 to 27/07/2024.

Faculty Orientation Program (FOP) Attended

- 2-day FOP on ‘21st Century Employability Skills Course’ from 25 May and 26 June 2024 conducted under the supervision of Principal Secretary.

Hobbies

Listening to music, cooking, landscape sketching.

Personal Details

Date of Birth: 10-July-1996

Mother’s Name: Poonam Srivastava

Father’s Name: Prabhat Kumar Srivastava

Nationality: Indian

Gender: Female

Languages Known: English and Hindi

Date: 12/07/2025

Place: Lucknow