

## Dr. Puneet Kumar Srivastava

H.No. 298, Awas Vikas Colony,

Katara-Basti, District: Basti

Uttar Pradesh, 272001

[psrivastava.elect@gmail.com](mailto:psrivastava.elect@gmail.com)

Contact: 9935489429



### Carrier Objective

Forward thinking Engineering Intern having PhD degree in Electrical Engineering. Looking forward to take up new challenges in role as an Assistant Professor with an exciting organization to utilize my experience in adapting newer methodologies and pedagogies to reach students of diverse backgrounds, leveraging in-depth knowledge & use my learning and experience to provide relevant information and hands on experiences to students and to practice strong work ethics.

### Skills/Interest

Classroom Teaching, Research, Technical Writing, Team Building

### Qualification Details

<b>July 2016 – February 2022</b>	<b>PhD: Renewable Energy Generation</b> Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur, Uttar Pradesh Thesis: Active & Reactive Power Flow Control in Grid Connected PMSG based Wind Energy Conversion System
<b>July 2011 – June 2014</b>	<b>M.Tech.: Power Electronics &amp; ASIC Design</b> Motilal Nehru National Institute of Technology (MNNIT), Allahabad, Uttar Pradesh Post graduated with 9.17 CGPA Dissertation: Power Flow Control in PMSG based WECS
<b>July 1999 – June 2003</b>	<b>B.E.: Electrical Engineering</b> Dr. Kedar Nath Modi Institute of Technology & Management, Modinagar, Ghaziabad, Uttar Pradesh
<b>July 1996 – June 1997</b>	<b>Intermediate</b> Government Inter College, Basti, Uttar Pradesh
<b>July 1994 – June 1995</b>	<b>High School</b> Jawahar Navodaya Vidyalaya, Gorakhpur, Uttar Pradesh

### Work History

<b>December 2021 –still available</b>	<b>KIPM College of Engineering &amp; Technology, GIDA- Gorakhpur</b> <b>Assistant Professor, and Dean Academics (since 13<sup>th</sup> February – till date)</b> <b>KIPM College of Engineering &amp; Technology, GIDA- Gorakhpur</b> Involve in NBA related activities with Core committee members (in support) Some awaited works has completed, such as online registration of students, online feedback mechanism, improvement of website etc. Utilizing my experience in teaching first year student.  <b>Assistant Professor &amp; Head of the dept. of Electrical Engineering (Since 19<sup>th</sup> May, 2022 – 13<sup>th</sup> February 2023)</b> Utilized my experience and helped the NBA core committee in some of the criterions, specifically criteria 9 and 10. Strived for smooth conduction of the departmental activities. Have assisted the COE. Have worked on improving the institute's website (exclusively on its pages and contents).
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	<p><b>Assistant Professor, Electrical Engineering (Since 23<sup>rd</sup> December, till date)</b>  Along with teaching have participated actively in Department.  Visited some places with for institute's promotion  Actively involved in Admissions related campaigns.</p>
July 2011 – June 2016	<p><b>Lecturer, Electrical Engineering United college of Engineering &amp; Management, Allahabad, Uttar Pradesh</b>  Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations, including visual, aural and social learning modalities.  Developed semester outlines and instructional plans for each session to comply with stated course objectives.  Taught diverse student population by employing various learning styles and abilities.</p>
July 2010 – June 2011	<p><b>Lecturer, Electrical Engineering Institute of Applied Medicine &amp; Research, Meerut, Uttar Pradesh</b>  Remained accessible resource for students during ample office hours, encouraging questions and providing academic advice and tutoring.  Created excitement and enthusiasm in classroom by delivering engaging subject matter.  Led industrial trips of special relevance to learning objectives and coordinated travel details to competent authorities.</p>
July 2008 – June 2010	<p><b>Lecturer, Electrical Engineering Devendra Singh Institute of Technology &amp; Management, Ghaziabad, U.P.</b>  Mentored undergraduate students in effective next-steps for education and career preparedness.  Led engaging lectures with audience awareness in mind, allowing feedback to inform lecture facilitation.</p>
October 2005 – June 2008	<p><b>Lecturer, Electrical Engineering Ideal Institute of Technology, Ghaziabad, Uttar Pradesh</b>  Evaluated and revised lesson plans and course contents to facilitate and moderate classroom discussions and student centered learning.  Worked as core committee member during preparation for accreditation (NBA)</p>

### Additional Responsibilities

	<p>Worked as a core committee member during accreditation  Worked as a department coordinator  Worked as a Time-Table In-Charge  Worked as a Controller of Exam</p>
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### Publications

<p><b>International Journal Publications</b></p>	<ul style="list-style-type: none"> <li>• Srivastava, Puneet K., Amar N. Tiwari, and Sri N. Singh. "Impacts of Wind Energy Integration to the Utility Grid and Grid Codes: A Review." Recent Advances in Electrical &amp; Electronic Engineering (Formerly Recent Patents on Electrical &amp; Electronic Engineering) 13.4 (2020): 446-469.</li> <li>• Srivastava, Puneet K., Amar N. Tiwari, and Sri N. Singh. "Performance Analysis of PMSG based Wind Energy Conversion System with Different LVRT Enhancement Methods." Recent Advances in Electrical &amp; Electronic Engineering (Formerly Recent Patents on Electrical &amp; Electronic Engineering) 13.4 (2020): 470-485.</li> <li>• Srivastava, Puneet &amp; Tiwari, Amar &amp; Singh, Sn. (2021). Phase-Lag Compensator based Approach for Realizing MPPT through PMSG based Wind Turbine Generator. International Journal of Mathematical, Engineering and Management Sciences. 6. 584-597.</li> </ul>
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<b>International Conference Publications</b>	<ul style="list-style-type: none"> <li>• P. K. Srivastava, A. N. Tiwari and S. N. Singh, "Performance Estimation of Permanent Magnet Synchronous Generator Based Wind Energy Conversion System," 2018 5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON), Gorakhpur, 2018, pp. 1-7, doi: 10.1109/UPCON.2018.8596858.</li> <li>• Puneet Kumar Srivastava, A. N. Tiwari, S. N. Singh, "Smoothing of Wind Power Fluctuation in Direct-Drive PMSG Based WECS with Blade-Pitch-Angle Control", IEEE Uttar Pradesh Section The International Conference on Energy, Environment &amp; Material Sciences (ICE2M-2019), 2019</li> <li>• Puneet Kumar Srivastava, A. N. Tiwari, S. N. Singh, "Low Voltage Ride-Through Achievement in PMSG based Wind Turbine with Braking Chopper", IEEE Uttar Pradesh Section The International Conference on Energy, Environment &amp; Material Sciences (ICE2M-2019), 2019.</li> </ul>
<b>National Conference Proceedings</b>	<ul style="list-style-type: none"> <li>• Puneet Kumar Srivastava, A. N. Tiwari, "Harmonic Compensation Using DC Self-Supported Shunt Active Power Filter", Electrical Power Technology, Management and IT Applications (EPTIMITA), 2016.</li> <li>• Puneet Kumar Srivastava, A. N. Tiwari, S. N. Singh, "Direct Drive PMSG Based Grid-Connected Wind Power Conversion Scheme: A Technological Review", Recent Advances in Electrical and Electronics Engineering (RAEEE), 2018.</li> </ul>

### Seminars/Workshops & STCs Attended

22 <sup>nd</sup> Feb.-24 <sup>th</sup> Feb.-2020 (Three Days)	Attended 'Malaviya Research Conclave-(MRC-2020)' organized at MMMUT-Gorakhpur.
17 <sup>th</sup> Dec.-22 <sup>nd</sup> Dec.-2019 (Six Days)	Attended a short term course on, 'Smart Energy Systems: Operation & Control-(SESOC-2019)' organized at MMMUT, Gorakhpur.
30 <sup>th</sup> Nov.-1 <sup>st</sup> Dec.-2019 (Three Days)	Attended a workshop on 'Energy Management in Smart Sustainable Cities' organized at MMMUT, Gorakhpur. (Volunteered Too)
25 <sup>th</sup> September, 2019 (One Day)	Attended an international workshop on 'Panel of Conference Organizers-(POCO-2019)' organized at MMMUT, Gorakhpur. (Volunteered Too)
24 <sup>th</sup> Feb.-26 <sup>th</sup> Feb.-2019 (Three Days)	Attended 'Malaviya Research Conclave-(MRC-2019)' organized at MMMUT-Gorakhpur.
24 <sup>th</sup> Oct.-30 <sup>th</sup> Oct.-2018 (One Week)	Attended a short term course on, 'Research Methodology & Statistics-(STCRMS-2018)' organized at MMMUT, Gorakhpur. (Volunteered Too)
Sept. 11-Sept.16-2018 (Six Days)	Attended a short term course on, 'Emerging Trends in Smart Grid and Optimization Techniques-(ETSGOT-2018)' organized at MMMUT, Gorakhpur. (Volunteered Too)
6 <sup>th</sup> July-8 <sup>th</sup> July-2018 (Three Days)	Attended 'Malaviya Research Conclave-(MRC-2018)' organized at MMMUT-Gorakhpur.
8 <sup>th</sup> July-11 <sup>th</sup> July-2018 (Three Days)	Attended 'Malaviya Research Conclave-(MRC-2017)' organized at MMMUT-Gorakhpur.
25 <sup>th</sup> Feb.-3 <sup>rd</sup> Mar.-2017 (One Week)	Attended a short term course on, 'Recent Advances in Control & Energy Systems-(RACES-2017)' organized at MMMUT, Gorakhpur.
12 <sup>th</sup> Dec.-14 <sup>th</sup> Dec.-2016 (Three Days)	Attended a workshop on 'LaTeX for research-(LaTeX-2016)' organized at MMMUT, Gorakhpur. (Volunteered Too)
1 <sup>st</sup> Aug.-7 <sup>th</sup> Aug.-2016 (One Week)	Attended a short term course on, 'Recent Advances in Electrical Systems & Renewable Energy-(RAERE-2016)' organized at MMMUT, Gorakhpur.
13 <sup>th</sup> July-17 <sup>th</sup> July-2015 (Five Days)	Attended a short term course on, 'Advances in Power Quality & Control-(APQC-2015)' organized at United College of engineering & Research, Allahabad.
18 <sup>th</sup> July-22 <sup>nd</sup> July-2013 (Five Days)	Attended a short term course on, 'Electrical Power Control-(STC-EPC-2013)' organized at MNNIT, Allahabad.
30 <sup>th</sup> June-4 <sup>th</sup> July-2007 (One Week)	Attended a short term course on, 'Condition Monitoring of Electric Drives' organized at IIT-Roorkee, Roorkee.

### International/National Conferences Attended/Participated

Participated & volunteered in an **International conference** on, 'Energy, Environment & Material Sciences-ICE2M-2019', organized at MMMUT-Gorakhpur.

Participated in an **International conference** on, 'Electrical, Electronics and Computer Engineering-UPCON-2018', organized at MMMUT-Gorakhpur.

Participated & volunteered in a **National conference** on, 'Recent Advances in Electrical and Electronics Engineering-RAEEE-2018', organized at MMMUT-Gorakhpur.

Participated & volunteered in a **National Conference** on, 'Electrical Power Technology, Management and IT Applications-EPTIMITA-2016', organized at MMMUT-Gorakhpur.

### Appreciations/Awards

*Recognized as 'Most Dedicated faculty Member' at Ideal Institute of Technology, Ghaziabad*

*Received Best Poster Presentation Award at Department Level in 'Malaviya Research Conclave-2020' organized at MMMUT, Gorakhpur*

*Received Best Poster Presentation Award at Department Level in 'Malaviya Research Conclave-2019' organized at MMMUT, Gorakhpur*

*Received Best Poster Presentation Award at Department Level in 'Malaviya Research Conclave-2018' organized at MMMUT, Gorakhpur*

### Personal Details

Date of Birth: 25<sup>th</sup> July, 1980

Marital Status: Married

Religion: Hindu (Kayastha)

Languages Known: Hindi, English & Urdu

Nationality: Indian

Dr. Puneet Kumar Srivastava