

Name- Satyendra Vishwakarma
Designation---Resource Person
Department----UIET
School---School of Engineering & Architecture, BBAU, Lucknow
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Education Qualification

	Organization	Year of award
Undergraduate (B.Tech)	UPTU	2009
Post-graduation(M.Tech)	AKTU	2015

Professional Experience (In Years)

Teaching Experience: 4 years 5 month
Research/Industry Experience: 1 year 6 month

Areas of Research (Maximum Five Bullet Points)

- * Renewable Energy
- * Power Converters
- * Instrumentation

Publications

International/National	
S. No.	Authors and title of the paper
1	Satyendra Vishwakarma , KBMU Ansari and Goldy Sharma, “Importance of power electronics in renewable energy systems”, International Conference on Research & Development in Engineering, Technology & Sciences- 2013 , Gujarat.
2	Goldy Sharma, KBMU Ansari and Satyendra Vishwakarma , “Wind Energy Conversion System”, International Conference on Research & Development in Engineering, Technology & Sciences- 2013
3	KBMU Ansari, Satyendra Vishwakarma and Goldy Sharma, “FACTS devices in Distributed Generation”, International Conference on Research & Development in Engineering, Technology & Sciences- 2013
4	Satyendra Vishwakarma , “Behaviour of battery energy storage system with PV”, International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 9, September 2015
5	Satyendra Vishwakarma , “Study of Partial shading effect on Solar Module Using MATLAB”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering , vol. 6, Issue 7, July 2017 , DOI:10.15662/IJAREEIE.2017.0607011

6	Satyendra Vishwakarma and Goldy Sharma, “MATLAB Modeling and Control of Wind Energy Conversion System”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 7, Issue 1, January 2018 DOI:10.15662/IJAREEIE.2018.0701009
7	K. B. Mohd. Umar Ansari, Sandeep Kumar, Satyendra Vishwakarma , “A Solution for Power Quality issues in Power System”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering ,Vol. 7, Issue 1, January 2018 .
8	Satyendra vishwakarma , “Transient stability analysis of two area power system using unified power flow controller”, Advances in Modelling and Analysis C Vol. 73, No. 4, December, 2018 , pp. 123-127
9	Satyendra Vishwakarma . “Components of Automated Guided Vehicle: A Review”, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; Volume 7 Issue I, Jan 2019
10	Ayush Tripathi, Saumya Rai, Mansi Bajpai, Arun Kumar Singh and Satyendra Vishwakarma , “Control techniques for Energy Management in EHV”, Design Engineering ISSN: 0011-9342 Year 2021 Issue: 7 Pages: 9192- 9202
11	Yash Gupta, Nitesh Pratap Yadav, Adarsh Singh, Ayush Kumar, Satyendra Vishwakarma , “Investigation of behavior of BESS with PV using MATLAB/Simulink” , International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 9 Issue X, oct 2021

Patents

	Inventors	Title and Award/Application no.
Awarded		
Published	Yash Gupta, Nitesh Pratap Yadav, Adarsh Singh, Ayush Kumar and Satyendra Vishwakarma	Methodology for Enhancing the Storage of Gravitational Energy to Manage Renewable Energy Resources. The allotted application number is : 202111052401
	Rajib Guhathakurta, Rumi Iqbal Doewes, Dr. Prarthita Biswas, Dr.Yagya Dutta Dwivedi, Satyendra Vishwakarma , Dr. Shyamasree Sur	An Iot Enabled Foot Operated Two Wheeler Steering Mechanism For Persons with Disabilities. The allotted Application number is: 202141047246
Filed		

Membership of Professional Bodies

- * IAENG
- * IEEE

Seminar/Conference/Symposia /Workshops Organized

- * AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Artificial Intelligence and green power technology" from 2021-06-14 to 2021-06-18 at Kamla Nehru Institute of Technology, Sultanpur.

- * AICTE Training And Learning (ATAL) Academy Online FDP on "Green Technology & Sustainability Engineering" from 2021-1-19 to 2021-1-23 at Gautam Buddha University.
- * AICTE Training And Learning (ATAL) Academy Online FDP on "Control Systems & Sensors Technology" from 2021-1-4 to 2021-1-8 at Government Engineering College Thrissur.
- * "Economic Operations of Power Systems", organized by the department of Electrical & Electronics Engineering on 5 December 2012 at Ajay Kumar Garg Engineering College, Ghaziabad, (U.P), India.
- * "Advances in Sensors, Instrumentation and Control", organized by the department of Electrical & Electronics Engineering on 7-9 May 2014 at Ajay Kumar Garg Engineering College, Ghaziabad, (U.P), India.

Additional Information (If Any)

- * Reviewer in International Journal of Power Electronics and Drive Systems (a Scopus indexed journal)
- * Reviewer in Bulletin of Electrical Engineering and Informatics (a Scopus indexed journal)