

PANKAJ KUMAR DUBEY

DEPARTMENT OF ELECTRICAL ENGINEERING, KNIT SULTANPUR

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Objective

To effectively utilize my skills in the field of engineering for the development of myself and the company in which I am working with utmost dedication.

Alma Mater (Educational Qualification)

School/College	Degree	Completion	Accomplishment
KNIT, Sultanpur	Ph.D. (Power System)	Running	-
KNIT, Sultanpur	M. Tech (Power Electronics)	2022	95.6%
B.B.S.C.E.T, Prayagraj	B. Tech (Electrical and Electronics Engineering)	2019	84.88%
M.V. Convent Inter College, Prayagraj	Intermediate	2014	78%
M.V. Convent Inter College, Prayagraj	High School	2012	83.5%

Skills

- Spoken languages
 - 1. Good Fluency (English)
 - 2. Mother tongue – Hindi
- Technical language
 - C & Python
- Software skills
 - MATLAB & MS Office.

Trainings & Internship

- Training at **UPPCL 33/11 KV SUBSTATION**, Chauphatka, Kanpur Road, Prayagraj
Description: Operational working
Duration: 5th June to 5th July 2017.
- Training at **Thermal Power Plant, BHEL PS-NR**, Bara site, Prayagraj
Description: Operational working & site introduction
Duration: 1st June to 30th July 2018.
- Institutional training program on **"Oil Conservation"** at PCRA.
Duration: 1 day (2nd February 2018).
- Participate in Hands-on Workshop on **"Industrial Automation & Embedded Systems"** by Sofcon India Pvt. Ltd.
Duration: 3 day each (5th April to 7th April, 2018 & 25th December to 27th December, 2016)
- Participate in a Hands-On Workshop on **"HOME AUTOMATION"** by Roboteex Solutions. Duration: 2 day (30th September to 1st October, 2016)
- Participate in a Seminar on **"Humanoid Robotics"** by IETE Allahabad Centre.

Duration: 1 day (20th September 2016)

- Participate in Bootcamp on “**Electric Vehicle Battery Management, Site Specific Assessment of Wind Turbines & Economic Modelling of Wind Farm Energy Generation**” by SKY LYNC.

Duration: 1 day each (19th February, 12th January & 13th January, 2022)

- Completed AICTE Training and Learning on “**Artificial Intelligence and Green Power Technology (APT-2021)**” at KNIT organized by ATAL.

Duration: 5 day (14th June to 18th June, 2021)

- Completed **CCC** course affiliated with NIELIT by securing a **B** grade.

Academic Experience and Achievements

- Award Won- **Asia’s Outstanding Researcher Award** at the conference Asia International Research Awards Congress 2023 on **1 October 2023**, at Hotel Breeze residency, Trichy, Tamil Nadu, India.
- Invited as **Keynote Speaker** in 5th International Conference on Energy and Sustainability (ICES 2023).
- Working as a Freelancer in a **Resume Search** for one month (January 2021).
- Working as an ELECTRICAL ENGINEER at **EXPERT’S DS ELECTRICAL INDIA LLP** in Delhi for one year (12th July 2019 to 30th August 2020).
- Securing First Position in M. Tech at KNIT college.
- Securing First Position in B. Tech at engineering college.
- Winner- **ROBORACE** in CHAOTIC APPRAISAL 2K16 at BBSCET, Prayagraj.
- Runner- **SCIENCE EXHIBITION** in SPANDA- 2K15 at BBSCET, Prayagraj.

Publication Details

Publications	Journals		Conference		
	Published	Under Review	Published	Under Publication	Under Review
International	2	1	2	2	1
National	1	0	1	0	0
Patent	02 Indian Grant Patent (Published)				
Chapters	05 (Published) 04 (Under Publication)				

Particulars	Attended	Organized
Workshops	3	0
Conference	5	0
Seminar	8	0
FDP	3	0
Short Term Course	2	0

Published

Review Paper

- Bindeshwar Singh, and Pankaj Kumar Dubey, “Distributed power generation planning for distribution networks using electric vehicles: Systematic attention to challenges and opportunities,” Journal of Energy Storage, vol. 48, no. 1, pp. 1-44, Jan. 2022.
 - Paper Id 4625: Pankaj Kumar Dubey, Bindeshwar Singh, Deependra Singh, and Dilip Kumar Patel, “Distributed Generation Current
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Conference Paper

- B. Singh, P. K. Dubey, and S. N. Singh, "Recent Optimization Techniques for Coordinated Control of Electric Vehicles in Super Smart Power Grids Network: A State of the Art," *2022 IEEE 9th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)*, Prayagraj, India, 2022, pp. 1-7, doi: 10.1109/UPCON56432.2022.9986471.
- IIRA 3.0: Pankaj Kumar Dubey, Bindeshwar Singh, Deependra Singh, "A Review of Automation Technology", International Conference on innovations in IoT, Robotics & Automation, International Journal of Engineering Sciences & Emerging Technologies, vol. 11, no. 2, pp. 248-256, ISSN: 22316604. Moradabad Institute of Technology, Moradabad, UP, India
- ICSSAS 2023: Sameer Yadav, Md Sakiul Islam Sudman, and Pankaj Kumar Dubey et al. "Development of an GA-RBF Based Model for Penetration of EVs and its Projections," IEEE Access, ICSSAS, 2023, ISBN: 979-8-3503-0090-1.

Chapters

- Pankaj Kumar Dubey, Dr. Bindeshwar Singh, Dr. Deependra Singh, and Manish Kumar Singh, "Energy Storage Systems", Recent Advancements in Science and Technology, Mangalam Publication, Ghaziabad, India, ISBN: 978-93-91193.
- Pankaj Kumar Dubey, Dr. Bindeshwar Singh, Manish Kumar Singh, Nrapendra Kumar, and Shriya Pandey, "A systematic review of recent trends in electric vehicles planning", Complex problems: Research Solutions, CIRS Publication, Patna, India, ISBN-13: 979-885070654-8.
- Pankaj Kumar Dubey, Bindeshwar Singh, Manish Kumar Singh, Nrapendra Kumar, and Shriya Pandey, "Current Global Scenario for Solar Power Generation, India @ 75: the presidency of G-20 (An economic Perspective), New Press Associates, New Delhi, ISBN: 978-93-90863-98-3.
- Pankaj Kumar Dubey, Nrapendra Kumar, Bindeshwar Singh, and Deependra Singh "Application of AI in Solar PV MPPT techniques, CIRS Publication, Patna, India, ISBN-13: 979-885498422-5.
- Bindeshwar Singh, Varun Kumar, Pankaj Kumar Dubey, and Nrapendra Kumar, "Fuel Cell: challenges and Roles of Artificial Intelligence for Performance Improvement", Research Trends in Multidisciplinary Research (Volume - 47), AkiNik Publication, New Delhi.

Accepted or Under Publication

Conference Paper

- ICET 437- Pankaj Kumar Dubey, Bindeshwar Singh, Deependra Singh, and Manish Kumar Singh, "An analysis of recent trends in fuel cell technology, International Conference on innovations in Clean Energy technologies, MANIT Bhopal.
- ICCSAI-2023- Paper id- 10, Pankaj Kumar Dubey, Bindeshwar Singh, Deependra Singh, and Manish Kumar Singh, "Latest Advancements in Renewable Energy," ICCSAI 2023, Galgotiya University, Greater Noida, India.

Chapters

- Dr. Bindeshwar Singh, Pankaj Kumar Dubey, Varun Kumar, and Dr. Mukesh Kumar, "Chapter 13: Grid Integration of EV", The

Institution of Engineering and Technology.

- Pankaj Kumar Dubey, Bindeshwar Singh, Varun Kumar, and Aryan Kumar Dubey, "Application of Wireless, 5G, 6G, and IoT Technologies", AI-aided IoT Technologies and Applications in the Smart Business and Production, CRC Press, Taylor & Francis Group, DOI: 10.1201/9781003392224.
- Paper Id: 549- Pankaj Kumar Dubey, Bindeshwar Singh, Deependra Singh, and Aryan Kumar Dubey, "Green IoT", Network Optimization in Intelligent IoT Applications – Principles and Challenges, CRC Press, Taylor & Francis.
- Pankaj Kumar Dubey, Bindeshwar Singh, Deependra Singh, and Manish Kumar Singh, "Blockchain for Health Care: A Review", Book: Blockchain Technology for Healthcare application, Nova Science publishers.

Patents

- Patent office journal number. 35/2023; Dated: 01-09-2023
Application number: 202341051110 A
Title: Forecasting Electric Vehicle Charging Station Preference Through SHAP- Based Machine Learning Method.
 - Patent office journal number. 35/2023; Dated: 01-09-2023
Application number: 202341051110 A
Title: Machine Learning Algorithms to Predict the Power Consumption of Individual Households.
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Project Done

- Project on **"IR sensor-based untouchable switch"** as a minor project at BBSCET, Prayagraj.
Platform: Concept of the infrared sensor, and Buzzer.
Description: By using this project we are trying to make an alarming system as well as a new doorbell. The sensors sense the obstacles and indicate to people by a beep of the buzzer.
- Project on **"Obstacle Avoiding Robot"** at BBSCET, Prayagraj.
Platform: Concept of HCSR-04 ultrasonic sensor, L293D motor drive shield, Arduino ATMEGA328p, battery-operated motor, SG90 servomotor, and Embedded system coding.
Description: By using this project we are trying to make robotic automobiles. The sensor senses the obstacle and then sends the signal to Arduino which rotates the motor left and right. Then move the motor in that direction where signal disturbance is absent.

Currently Working

- Currently, doing my Ph.D. at Kamla Nehru Institute of Technology, Sultanpur under the Homi Bhabha Fellowship Scheme. The research topic is "Coordinated control of DGs with EVs in Distribution network".

Working as Reviewer		
S. No.	Journals Name	No. of Paper Review
1	IEEE Transaction on Intelligent Transportation system	40
2	Hindawi	01
3	Energy Engineering, Tech Science Press, ISSN: 1546-0118	10
4	International Journal of Creative Research Thoughts, ISSN: 2320-2882. Member Id: 118626.	01
5	International Journal of Research and Analytical Reviews (IJRAR) IJRAR.ORG, E-ISSN: 2348-1269. Member Id: 118844.	01
6	International Journal of Novel Research and Development, ISSN: 2456-4184. Member Id: 112031.	01

Working as Reviewer		
S. No.	Journals Name	No. of Paper Review
7	International Journal of Current Science, ISSN: 2250-1770. Member Id: 117927.	01
8	YIJER- International Research Journal, ISSN: 2349-9249. Member Id: 111977.	01
Working as Research Group Member		
S. No.	Research Group	Membership ID
1	IFERP group: Institute for Engineering Research and Publication	PROF-66757901
2	QUVAE Research and Publication	QVS88
3	IOASD: International Organization for Academic and Scientific Development	LMIOASD-83/2023
4	IAENG: International Association of Engineers	355012
5	World Research Council Member	-

References

Amarjeet Patel Professor, BBSCET, Prayagraj	Dr. Bindeshwar Singh Associate Professor, KNIT, Sultanpur Email: bindeshwar.singh2025@gmail.com
Dr. Varun Kumar Assistant professor, KNIT, Sultanpur Email: varun@knit.ac.in	Dr. Deependra Singh Professor, KNIT, Sultanpur Email: deependra_knit@yahoo.com

Personal Info

- Sex : Male
- Marital status : Single
- Date of birth : 18 July 1997
- Mother's name : Mini Dubey
- Father's name : Mr. Ajay Kumar Dubey
- Nationality : Indian
- Address : 96/1 Kala Danda Himmatganj, Prayagraj -211016.
- Hobbies : Music

Profile Links	
ResearchGate	https://www.researchgate.net/profile/Pankaj-Kumar-Dubey/research
Google Scholar	https://scholar.google.com/citations?user=0DNFoSKAAAAJ&hl=en
Linkedin	https://www.linkedin.com/in/pankaj-kumar-dubey-849395151?utm_medium=android_app

All the information provided in the resume is true to the best of my knowledge and I am solely responsible for any discrepancy found in them.

Pankaj Kumar Dubey
