

Curriculum –Vitae

Bhasker Pandey

Father's Name: Shri Jai Prakash Pandey

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ACADEMIC QUALIFICATION:

S.No.	Name of Examination	Board/ University	Year of Passing	% Marks
1	Ph.D. (Electronics & Communication Engineering)	MMMUT, Gorakhpur	2025	--
2	M.E. (Instrumentation & Control)	NITTTR, Chandigarh Panjab University	2018	8.16 CGPA
3	B.Tech (Electronics & Instrumentation Engineering)	U.P.T.U., Lucknow (Radha Govind Engg. College, Meerut)	2008	64.74 %
4.	Intermediate (12 th) (Mathematics)	U.P. Board (K.P. Inter College, Prayagraj, Uttar Pradesh)	2001	62.4%
5.	High School (10 th) (Science)	U.P. Board (Town Inter College, Mohammadabad Gohana, Mau, Uttar Pradesh)	1999	66.67%

SOFTWARE PROFICIENCY:

- LabVIEW
- MATLAB and Simulink
- PSPICE
- SCAPS 1-D

WORKING EXPERIENCE:

- Working as an Assistant Professor (Department of Electronics & Communication Engineering) in KIPM College of Engineering & Technology, GIDA, Gorakhpur, UP, from August 14, 2015, to till date.
- Worked as an Assistant Professor (Department of Electronics & Communication Engineering) in Aryabhata College of Engineering & Technology, Baghpat, from July 23, 2012, to August 13, 2015.
- Worked as Lecturer in IAMR College Of Engineering, Meerut from July 10, 2010, to June 06, 2012.

JOB RESPONSIBILITIES:

- Successfully presented the departmental presentation as Head of Department of Electronics and Communication Engineering during the NBA visit (August 2023) In KIPM College of Engineering and Technology.
- Working as a member of IQAC in KIPM College of Engineering and Technology, GIDA, Gorakhpur since July 2023.
- Worked as Controller of Examination in KIPM College of Engineering & Technology, Gorakhpur from July 15, 2019, to July 30, 2025.
- Working as Head of the Department in the Department. of ECE in KIPM College of Engineering & Technology, Gorakhpur, from July 16, 2017, to till date.
- Worked as co-ordinator for Zonal Level Dr Abdul Kalam Technical Literary and Management Fest for Gorakhpur Zone at KIPM College of Engineering and Technology, Gorakhpur on 30th and 31st Jan 2019.
- Organized a workshop on “MATLAB & Its Interfacing through ICT” from 11 January 2016 to 15 January 2016 at KIPM College of Engineering & Technology, Gorakhpur, in association with NITTTR, Chandigarh.

- Member of Exam Cell of Aryabhata College of Engineering & Technology, Baghpat.
- Member of the Organizing Committee of Aryabhata College of Engineering & Technology, Baghpat, for the college annual day fest and other technical events.
- Worked as a member of the Discipline committee at Aryabhata College of Engineering & Technology, Baghpat.
- Sports In-Charge of Aryabhata College of Engineering & Technology, Baghpat, for Sports Day functions and other technical events.
- Worked as Faculty Coordinator in the Department. Of ECE at ACET, Baghpat.
- Organized a workshop on “Efficient Energy Management through ICT” from 11 August 2014 to 14 August 2014 at Aryabhata College of Engineering & Technology, Baghpat, in association with NITTTR, Chandigarh.

WORKSHOPS / TRAINING PROGRAMS / CONFERENCES ATTENDED:

- Attended a 5-day faculty development program on “Emerging Trends in Photonics (ETP-2024)” at Rajkiya Engineering College, Sonbhadra, from January 08 to January 13, 2024.
- Attended a 5-day workshop on VLSI to System Design: Silicon to End Application Approach, Organized by All India Council of Technical Education and ARM Education and STMicroelectronics from 31st July to 4th August 2023.
- Completed 8-week NPTEL course on “Fundamentals of Electronic Materials and Devices” in March 2022.
- Completed 12-week NPTEL course on “Semiconductor Devices and Circuits” in October 2022.
- 12 Weeks FDP on “NBA Accreditation and Teaching and Learning in Engineering (NATE)” NPTEL-AICTE from 23 Jan to 30 April 2023.
- One-week FDP on Research scope in Electrical Vehicles (In collaboration with ANSYS) from 05/12/2022 to 09/12/2022, organized by the Department of Electrical Engineering, NITTTR Chandigarh at KIPM-CET, Gorakhpur.
- Attended a 5-day online faculty development program on “Cyber Security and Information Assurance,” Organized by Rajkiya Engineering College, Sonbhadra, from January 27 to January 31, 2022.
- Attended a 5-day faculty development program on “Smart Devices and Intelligent Systems” at Rajkiya Engineering College, Sonbhadra, from January 27 to January 31, 2020.

- Attended an 8-day Faculty Development program on “Human Values and Professional Ethics” at Buddha Institute of Technology, Gorakhpur. Organized by Value Education Cell, AKTU Lucknow, from June 16, 2017, to June 23, 2017.
- Attended a workshop on “MATLAB & Its Interfacing through ICT” from 11 January 2016 to 15 January 2016 at KIPM College of Engineering & Technology, Gorakhpur, in association with NITTTR, Chandigarh.
- Attended a workshop on “Power Electronics through ICT” from 23 Feb, 2015 to 27 Feb, 2015 at Chanakya Technical Campus, Rajasthan, in association with NITTTR, Chandigarh.
- Volunteer of the International Conference on “Recent Advances and Trends in Electrical Engineering (RATEE 2014)” held at NITTTR, Chandigarh on 23 December 2014 to 24 December 2014.
- Attended a workshop on “Efficient Energy Management through ICT” from 11 August 2014 to 14 August 2014 at Aryabhatt College of Engineering & Technology, Baghpat, in association with NITTTR, Chandigarh.
- Attended a workshop on “Solid State Control of Electric Drives through ICT” from 21 July 2014 to 25 July 2014 at JRE group of Institutions, Greater Noida, in association with NITTTR, Chandigarh.

PUBLICATIONS:

- Bhasker Pandey, Rajan Mishra, R. K. Chauhan, Alok Kumar Patel. “Performance Investigation of Double Absorber-based Thin Film Solar Cell with MoS₂ and WS₂ as Absorber Layers” *Physica Scripta*, ISSN 1402-4896, Vol 100,055529, 2025 (SCIE).
- Bhasker Pandey, Rajan Mishra, R. K. Chauhan, Alok Kumar Patel. “Investigating Improvement in the Performance of WS₂ Absorber-Based thin Film Solar cell with a Hole Transport Layer of Indium Telluride” *Physica Scripta*, ISSN 1402-4896, Vol. 99,085539, 2024 (SCIE).
- Bhasker Pandey, Shimi S.L. “Real Time ECG Analysis for Prediction of Sudden Cardiac Death Using PCA Interpretation”, *International Journal of Engineering and Science Invention (IJESI)*, ISSN 2319-6726 Volume 7 - Issue 2-Version, pp 54-66, January 2018.
- Bhasker Pandey, Shimi S.L. “Sudden Cardiac Death Risk Estimation Algorithms; A Review” *IOSR Journal of Engineering*, ISSN 2278-8719, Vol. 08, Issue 3, pp. 18- 22 (March 2018).

CONFERENCES:

- Bhasker Pandey, Rajan Mishra, R. K. Chauhan, Alok Kumar Patel. “Numerical Investigation of Double Absorber Layer Thin Film Solar Cell Performance with Cadmium Sulfide as Buffer Layer” 3rd International Conference on Microwave, Antenna and Communication, IEEE, MAC 2025, MANIT Bhopal.
- Kumari Ritika, Shubhanshu Rai, Bhasker Pandey, and Ayush Dubey. “A Review on Future of Solar Desalination Technologies- Energy Input Outlook.” International Conference on Frontiers in Desalination, Energy, Environment and Material Sciences for Sustainable Development, ISSN: 2582-3922 (FEEMSSD-2023).
- R. Mustafa and Bhasker Pandey, “Neural network learning approach-based performance evaluation of cooperative spectrum sensing over fading channels” in Conference Proceedings of RTREAET-2021.
- “Climate Change and Changing Dimensions of Renewable Energy Policy in India” in National Conference on “Recent Advancements in Power System Engineering, Vision-2020” on 7th April, 2014 at Kautilya Institute of Technology and Engineering (KITE), Jaipur in association with The Institution of Engineers (India).
- “An Integrated Renewable Energy System Field Testing and Process Simulation for Energy Flexibility and Sustainable Development in India” in National Conference on “Recent Advancements in Power System Engineering, Vision-2020” on 7th April, 2014 at Kautilya Institute of Technology and Engineering (KITE), Jaipur in association with The Institution of Engineers (India).
- “Smart Grid for a Green Future” in (IETE DIAMOND JUBILEE YEAR) Zonal National Conference on “EMERGING TRENDS IN EMBEDDED SYSTEM TECHNOLOGIES (ETECH-2013)” since Aug. 23rd - 24th, 2013 at The Institution of Electronics and Telecommunication Engineers, Chandigarh Centre, Sector 30-B, Chandigarh.
- “Status of Energy System and Current Energy Scenario of India” National Conference on Challenges of Efficient Energy Technology for Clean Energy 21st Century”, ISBN No- 9789382880691, 23-24 May 2013.

PROJECTS:

- “Prediction of Sudden Cardiac Death Risk Using Principal Component Analysis-Based Algorithm.”
- Smart Home Appliances: An Automation Of the home using a microcontroller.

ACHIEVEMENTS:

- Secured 962nd rank in GATE-2007 in Instrumentation Engineering.
- Secured 8th rank in MEDHAVI KSHATRA YOGYATA PARIKSHA, organized by Keshav Siksha Samiti, Uttar Pradesh.
- Participated and secured various positions in college-level competitions.

Date:

Place.....

(Bhasker Pandey)