Dr. Pankaj Kumar Mehta

Email ID-

pankajmehta568@gmail.com

Permanent Address-

D-40 Azad Nagar, Near Happy Days School, Bhilwara
Pin-311001

Mobile: +9195092-03037

Personal Details-

Born on: - 07 Sept.1990

Marital status: - Married

Gender: - Male

Nationality: - Indian

Strength: - Hard Working, Leading Skills, Confident, Time Management.

Languages known: -
- Hindi
- English
- Regional

Father Name-
  Mr. Dilip Kumar Mehta

Mother Name-
  Mrs. Nirmala Mehta

Objective

To work with a reputed organization, that will provide me a good platform to utilize my technical and problem solving skills and will help me to grow my career.

Work Experience

1) Teaching- Sangam University, Bhilwara.
  Period - From 1 July 2016 – Till date
  Designation- Assistant Professor

2) Teaching-Institute of Technology & Management, Bhilwara.
  Period - From 23 Feb.2015 – 30 June 2016
  Designation- Assistant Professor

3) Teaching- Pacific Institute of Engineering Udaipur, (Raj)
  Period - From 15 Feb.2012 – 21 Feb. 2015
  Designation - Lecturer

Professional Qualification

1) **Ph.D. in Electrical Engineering (2018 - 2022)**
University: Sangam University, Bhilwara (Raj.)

2) **M. Tech. in Power System with 65.37% Aggregate (2012-2015)**
College: Geetanjali Institute of Technical Studies Udaipur (Raj.) Rajasthan.
University: Rajasthan Technical University, Kota (Raj.)

3) **B. Tech. in Electrical Engineering with 71.83% Aggregate (2007-2011)**
College: Institute of Technology & Management Bhilwara (Raj)
University: Rajasthan Technical University, Kota (Raj.)

Academic Qualification

1) **12th** from Govt. Sr. Sec. School Rajendra Marg, Bhilwara, Rajasthan with **60.62 %** in **2007**
   Board- Rajasthan Board of secondary Education

2) **10th** from Shree Vardhman Jain Sr. Sec. School, Bhilwara, Rajasthan with **73.67%** in **2005**.
   Board - Rajasthan Board of secondary Education

Technical Skills

1. **Programming Language:** C, C++, HTML, CSS, JavaScript
2. **Software Skills: -** MATLAB, PLC-SCADA
3. **Operating System: -** Windows

Training Experience

(1) Completed 30 Days Summer Training at **Hindustan Zinc Limited, Chittorgarh** in 2009

(2) Completed 30 Days Summer Training at **RRVPNL 220 kV G.S.S, Bhilwara** in 2010.

Achievement

1. **Patent Name –** Inductive Angle Encoder
   Design No. 336979-001
   Date – 30/12/2020

2. **Winner of CEMCA and National Skill Network, Skill Fest 2023 in Asia.**
   Project Name- Bluetooth Control Solar Panel Cleaning System**.**

Conference / Journals / Workshops / Webinars

Conferences

National Conference

1. Presented a research paper **"Optimization and Simulation of Photovoltaic- Diesel-Hybrid Power Plant"** in National Conference on Technology Advances in Electrical and Renewable Energy Engineering (EREECON -2013) held on February 23-24, 2013 organized by Techno India NJR Institute of Technology, Udaipur.

2. Presented a research paper **"Introduction of HVDC Converter"** in National Conference on Advancement in Engineering and Technologies: Vision 2025 (NCAET -2014) held on September 12-13, 2014 organized by Faculty of Engineering, Pacific University, Udaipur.

3. Presented a research paper **"Variable Frequency Drive: A Review"** in National Conference on Recent Innovation & Trends in Engineering and Technologies (RITET -18) held on December 24-25, 2018 organized by School of Engineering & Technology, Sangam University, Bhilwara.

International Conference

1. Presented a research paper **"Experimental Research on Matrix Converter Interfaced Wind Energy Conversion System Controlled by Adaptive Fuzzy Control System"** in International Conference on Engineering Optimization & Data Science (ICEODS 2019) held on October 11-12, 2019` organized by, Swami Keshvanand Institute of Technology, Jaipur.

2. Presented a research paper **"Battery Charging Techniques for Electric Vehicle"** in International Conference on Analytical & Interdisciplinary Research (ICAIR-2021) held on February 05-06, 2021` organized by, Sangam University, Bhilwara.

3. Presented a research paper **"Modernization of Electrical Vehicle Charging System Using Artificial Intelligence Controller Solar PV Boost Converter"** in International Conference on Analytical & Interdisciplinary Research (ICAIR-2022) held on November 06-08, 2022` organized by, Sangam University, Bhilwara.

4. Presented a research paper **"Advancements in Electric Vehicle Charging Infrastructure: A Literature Survey"** in International Conference on Analytical & Interdisciplinary Research (ICAIR-2025) held on March 10-11, 2025` organized by, Sangam University, Bhilwara.

5. Presented a research paper **"Battery Management System and their Application in Electric Vehicles: A comprenhesive Review"** in International Conference on Analytical & Interdisciplinary Research (ICAIR-2025) held on March 10-11, 2025` organized by, Sangam University, Bhilwara.

6. Presented a research paper **"Transforming Electrical Engineering Education: Integrating IoT and Artificial Intelligence in Electrical Labs"** in Two days national Symposium on Recent Trends in Engineering held on April 5-5, 2025` organized by, CTAE, MPUAT, Udaipur.

Journals

1. Published a research paper "**Performance Analysis of 3 Phase Self-Excited Induction Generator Using MATLAB**" in Journal of Environmental Science, Computer Science and Engineering & Technology, JECET; Sec. C, Vol.4.No.3, 0000-0000, June 2015-August 2015.

2. Published a research paper "**Evaluation of Artificial Intelligence Technique in Improving Automatic Generation Control**" in UGC Approved International Journal of Advance Engineering and Research Development(IJAERD), Volume 04 Issue 08, August 2017.

3. Published a research paper **"Battery Charging Techniques for Electric Vehicle"** in UGC Approved Wesleyan Journal of Research, Vol 13 No 67 (March 2021) on 6 March 2021.

4. Published a research paper **"Modernization of Electric Vehicle Charging System Using Hybrid Algorithm"** in Scopus approved International Journal of Mechanical Engineering in Vol.5, Special Issue 5, July 2022.

Workshops

1. Attended 2 week ISTE workshop on "**Introduction To Research Methodology**" conducted by IIT Bombay held from 25 June 2012 to 4 July 2012 at Sir Padampath Singhania University Bhatewar, Udaipur.

2. Attended 2 days National Workshop on **"Advanced Technology In Renewable Energy Sources & Power System" (ATREPS-2013)** held from 6-7 April 2013, at Geetanjali Institute of Technical Studies, Udaipur.

3. Attended 2 days Faculty Development Programme For **"Graduate Teachers of Polytechnic and Engineering Colleges"** held from 14/11/2014 **to** 15/11/2014 **at** Pacific Academy of Higher Education and Research University, Udaipur.

4. Attended 2-week main workshop on **"Control System"** conducted by IIT Kharagpur, at Pacific Institute of Technology, Udaipur (Raj) on 2 Dec.-12 Dec.2014.

5. Attended 2 days Faculty Development Programme **on "Training For Trainers"** held from 7/01/2015 **to** 9/01/2015 at Pacific Academy of Higher Education and Research University, Udaipur.

6. Attended 4 days Short Term Training Programme **on "Emerging Trends in Industrial Automation and Control"** Organized by Department of Electrical Engineering, held from **01/04/2016** to **04/04/2016,** MNIT, Jaipur.

7. Attended 3 days Faculty Development Programme on **"Teaching Skills and Research Methodology"** held from 05/01/2017 to 07/01/2017 at Sangam University, Bhilwara.

8. Participated in 2 day's International seminar on **"Multidisciplinary Challenges & Opportunities in Smart Nano- Grids and V2G"** conducted by GITS, Udaipur on 21-22 April 2018.

9. Attended Two week Short Term Training Program through ICT mode on **"Problem Based Learning"** held from 20/05/2019 **to** 31/05/2019 **organized by NITTR, Kolkata.**

10. Attended one-week Short Term Training Program through ICT mode on **"Assessment and Evaluation Under Outcome Based Education"** held from 10/06/2019 to 14/06/2019 organized by NITTR, Kolkata.

11. Attended one day **NPTEL Awareness Workshop** Conducted by IIT Kanpur held on 17th October 2019 at Sangam University.

12. Attended 5 days Faculty Development Programme **on "Data Science & AI"** held from 25/05/2020 **to** 29/05/2020 at Mangalmay Institute of Engineering and Technology**,** Greater Noida, Delhi-NCR**.**

13. Attended 5 days Faculty Development Programme **on** "**Recent Trends in Electrical Engineering & Soft Computing Applications in Power Systems**" held from 25/08/2020 to 29/08/2020 at Shrinathji Institute of Technology & Engineering, Nathdwara**,** Rajasthan.

14. Attended 5 days Faculty Development Programme **on "Renewable Integration, Challenges & Opportunities"** held from 01/09/2020 **to** 05/09/2020 at Vedant College of Engineering and Technology, Bundi, Rajasthan**.**

15. Attended one- week Faculty Development Program on **"Demystifying Electric Vehicle – A Green Energy Revolution"** organized by Department of Electrical Engineering, Manipal University, Jaipur during September 14-18, 2020.

16. Attended 3 days Faculty Development Programme **on** "**Advance Microgrids, Smart Renewable & Distributed Energy System**" held from 24/09/2020 **to** 26/09/2020 **at** Shrinathji Institute of Technology & Engineering, Nathdwara**, Rajasthan.**

17. Attended 5 days Faculty Development Programme **on** "**Arduino and PLC Based Automation in thermal, Production and Automobile Field**" held from 19/01/2021 **to** 23/01/2021 **at** Shrinathji Institute of Technology & Engineering, Nathdwara, Rajasthan.

18. Attended 3 days Online Faculty Development Programme **on "Electric Vehicle Technology; Challenges, Analysis and Development"** held from 26/02/2021 **to** 28/02/2021 organized by Department of Electrical and Electronics Engineering**,** Presidency University, Bengaluru.

19. Attended 6 days Online Faculty Development Programme **on "Internet of Things (IoT)- Vision (Phase -1)"** held from 19/02/2021 **to** 25/02/2021 organized by Department of Electronics and Communication Engineering**,** Motilal Nehru Government Polytechnic College, Puducherry.

20. Attended One Week Faculty Development Programme **on "ICT Tools for Effective Teaching Learning"** held from 26/07/2021 **to** 02/08/2021 organized by Internal Quality Assurance Cell [IQAC], Sangam University.

21. Attended One Week Faculty Development Programme held from 20/12/2021 **to** 24/12/2021 organized by Internal Quality Assurance Cell [IQAC], Sangam University.

22. Attended Two Days Faculty Development Programme **on "Outcome Based Education & Its Implementation"** held from 1**2**/04/2022 **to** 13/04/2022 organized by Internal Quality Assurance Cell [IQAC], Sangam University.

23. Attended Two Days Faculty Development Programme **on "Outcome Based Education & Its Implementation"** held from 1**2**/04/2022 **to** 13/04/2022 organized by Internal Quality Assurance Cell [IQAC], Sangam University.

24. Attended NAAC sponsored Two Days National Workshop on "Challenges before HEIs in remote areas for achieving quality improvement through Assessment and Accreditation Process" held from **24**/11/2022 **to** 25/11/2022 organized by IQAC, Sangam University.

25. Attended One Day Workshop on "Research Ethics, Tools & Altmetrics" conducted by IQAC Cell and Research Cell, on 27 July, 2023 at Sangam University.

26. Attended Three Days Workshop for Supervisors by the title "SKILL UP 2024-Excelling as Research Supervisor" held from **06**/05/2024 **to** 08/05/2024 organized by Research Cell, Sangam University.

Seminar / Webinars

1. Attended seminar on **"Intellectual Property Right (IPR)"** on January 18, 2020 organized by Sangam University, Bhilwara.

2. Attended webinar on **"Nano Technology Transforming the Future: Challenges and Opportunities"** on May 23, 2020 organized by School of Technology, PDPU.

3. Attended webinar on **"Career Opportunities in Technology"** on May 24, 2020 organized by JIET, Jodhpur.

4. Attended webinar on **"Design and Development of Unmanned Aerial Vehicle Using Artificial Intelligence"** on May 25, 2020 organized by Vels Institute of Science, Technology and Advance Studies, Chennai.

5. Attended webinar on **"Career Opportunities and Challenges after COVID-19"** on May 28, 2020 organized by Department of Business Studies, Vivek College, Bijnor.

6. Attended webinar on **"Understanding the gap between industry dynamics and University Curriculum"** on June 3rd, 2020 organized by Poornima Institute of Engineering & Technology, Jaipur.

7. Attended webinar on **"Challenges of Working From Home-2020"** on June 12, 2020 organized by Rai University, Ahmedabad.

8. Attended webinar on **"Need of IoT for Modern Electrical Engineer"** on May 21, 2020 organized by SCAD College of Engineering & Technology, Tirunelveli.

9. Attended Two Days National webinar on **"Power Plant Operations: Electrical and Mechanical Aspects"** on May 24-25, 2021 organized by Sangam University, Bhilwara.

10. Attended Two Days National webinar on **"Awareness of Covid Pandemic "** on May 29-30, 2021 organized by School of Basic and Applied Science, Sangam University, Bhilwara.

11. Attended Two Days National seminar on **"Common Sense and its Application "** on January 5-6, 2024 jointly organized by Mohan Lal Sukhadia University Udaipur and Sangam University, Bhilwara.

12. Attended Two Days National Symposium on **"Intellectual Property Rights Patent and Design Filing "** on March 28-29, 2025 organized by School of Basic and Applied Science, Sangam University, Bhilwara.

13.

Certificate Course

1.   **"The Online Marketing Fundamentals"** by Google Digital Garage in January 2018.

2.   **"Engaging and Empowering How to Become an Effective Mentor for Vulnerable Youth"** A Massive Open Online Course on Canvas.net in April 2018.

Thesis Supervised

M.Tech	Ph.d
2 Completed 1 Pursuing	1 Pursuing

Key Responsibility Handled

✓ Session Coordinator of International Conference on Analytical & Iter- Disciplinary Research (ICAIR-2025)

✓ Programme Coordinator of B. Tech Electrical Engineering.

- ✓ Programme Coordinator of Diploma Electrical Engineering.
- ✓ Training and Placement Head of School of Engineering and Technology.
- ✓ Member of University level NAAC Committee.
- ✓ Member of Alumni Association of Sangam University.
- ✓ Member of Admission Cell Committee.
- ✓ Member of Examination Committee.
- ✓ Organized Technical Events in School of Engineering and technology.

Declaration

I hereby declare that the above information mentioned by me is correct to the best of my knowledge and belief.

Place: Bhilwara

Date:

(Pankaj Kumar Mehta)