RESUME



Dr. Ajay Kr. Pagare
Associate Professor & Associate Dean – IQAC
Poornima University, Jaipur
Dr. Ajay Kr. Pagare | LinkedIn

OBJECTIVE

A highly motivated and results-driven academic leader with a progressive **career spanning over a decade and a half** in teaching, research, and administration. Passionate about driving excellence in higher education, I bring a deep commitment to institutional growth, academic innovation, and strategic governance.

With **extensive expertise in Institutional Accreditation (NAAC, NBA, and NIRF),** academic policy implementation, and operational excellence, I have successfully led initiatives that enhanced institutional rankings, streamlined administrative processes, and fostered a culture of continuous improvement. With an unwavering focus on goal achievement, I approach every responsibility with enthusiasm, dedication, and a solution-oriented mindset.

My leadership thrives on **Data-Driven Decision-Making**, teamwork, and innovative strategies, ensuring that objectives are not just set but effectively accomplished. I am eager to contribute my expertise in quality assurance, academic governance and research development to the institution that values growth, efficiency, and long-term success.

CURRENT ROLES & RESPONSIBILITIES

Actively involved in various aspects of quality management and academic development.

- **Quality Assurance & Accreditation:** Leading NAAC, NBA, and NIRF accreditation activities, ensuring compliance with required benchmarks as per **NEP.**
- **Policy Implementation:** Developing and executing quality policies for faculty and staff, enhancing teaching-learning outcomes and governance.
- **Faculty & Staff Development:** Organizing Faculty Development Programs **(FDPs),** conferences, and workshops to support Institutional professional growth.
- **Data Management & Institutional Ranking:** Managing Data Support System **(DSS)** for ranking and accreditation compliance.
- **Academic Audits & Assessment:** Conducting internal quality audits, ensuring regular assessments and continuous improvements (CIS).
- **Strategic Planning & Decision Making:** Collaborating with leadership to set academic priorities and to implement best practices.
- **Student-Centric Initiatives:** Overseeing the implementation of student feedback mechanisms and strategies to enhance learning expertise of students.
- **Collaboration & Stakeholder Engagement:** Working closely with Deans, HoD's, faculty members and administration to analyze the feedbacks.

- **Research & Innovation Support:** Promote conducive research environment for innovations, and knowledge-sharing through academic initiatives.

PROFESSIONAL EXPERIENCE

- Associate Professor and **Associate Dean IQAC, Poornima University** Jaipur, Rajasthan, India. (Jan. 2024 till Present).
- Associate Professor & **Member of Team IQAC** at Poornima College of Engineering, Jaipur **(NAAC A+).** (March 2023 — Jan. 2024).
- Assistant Professor, **Coordinator – SOET** and **Member of Team IQAC Jaipur National University, Jaipur (NAAC A+)** Rajasthan India. (Jan 2017 — Feb 2023) *(Handle several portfolios).*
- Assistant Professor, & **Coordinator NBA**, Mechanical Engineering Department, **Indore Institute of Science & Technology – Indore**. (Jan 2016 — Jan 2017).
- Assistant Professor, Mechanical Engineering Department, **Bansal Group of Colleges – Indore**. (Aug.2014 — Aug.2015).
- Lecturer, Mechanical Engineering Department **Laxmi Narain College of Technology Group – Indore**. (Nov 2011 — July 2014).

INDUSTRIAL EXPERIENCE

- **Production Supervisor,** at Jash Engg. Pvt. Ltd., Indore. (Aug.2007 — Sep 2008).
- **Managing Coordinator** in NJSS (Nav Jyoti Seva Sansthan Khargone MP - NGO) Part Time. (May 2008 to July 2016).

EDUCATIONAL QUALIFICATION AND CERTIFICATIONS

- **Doctor in Philosophy (Ph.D.)** in Mechanical Engineering (*Titled – Development of Framework for Optimization of Spare Parts Inventory in Small & Medium Enterprises*) from Suresh Gyan Vihar University Jaipur, Rajasthan India, (2023).
- **Master of Engineering (ME)** in Mechanical Engg. (Specialization in Industrial Engineering & Management) from Govt. Engg. College (IET – DAVV) Indore, MP (June 2014).
- **Bachelor of Engineering (BE)** in Mechanical Engg. (Industrial & Production) from – Govt. Engg. College (UIT – RGPV) Bhopal MP.
- **Diploma in Polytechnic Engineering** specialization in Production Engineering from Govt. Polytechnic College (SVP) Indore MP.
- **Diploma in Computer Application** from Institute of Blue Chip affiliation of MP Board.

PROFESSIONAL MEMBERSHIP & ASSOCIATIONS

- Lifetime member of **American Society** of Mechanical Engineers from 2022.
- Lifetime member of **Indian Super Karting** Series federation of motorsports club India (FMSCI).
- Lifetime member of International Association of Engineers **(IAENG).**

- Lifetime member of Indian Society for Technical Education **(ISTE).**
- Past technical committee Member of **BAZA – SAE** (2014 to 2016).
- Member of Indian society for Advancement of materials and Processing Engineering **ISAMPE**.

ACHIEVEMNETS IN ACCREDITATION AND RANKINGS

- Attained NAAC (**A** Grade) with **CGPA 3.05**, Poornima Institute of Engineering and Technology, Jaipur Rajasthan India - 2024.
- Attained NAAC (**A+** Grade) with **CGPA 3.3**, Poornima College of Engineering, Jaipur Rajasthan India - 2024.
- NAAC (**A+** Grade) with **CGPA 3.3**, Jaipur National University Jaipur Rajasthan India – 2022.
- Successfully **attained 6-year NBA** accreditation of engineering program at IIST, Indore.
- Attained **QS I Gauge Diamond** Rating for Poornima University for 3 years.
- Attained top 3 rank for Poornima University by **IIRF** ranking Framework.
- Attained AAA+ ratings for India Best B School 2025 – Poornima University by NAAC (A+ Grade) with CGPA 3.3, Poornima College of Engineering, Jaipur, Rajasthan India.
- Attained rankings in **TIMES, THE WEEK, HANSA, MDRA**

AWARDS & ACHIEVEMNETS

- Received of the **National Teacher Award** by Vipin Joshi Smarak Samiti, Itarsi, honored with Saraswati Putra Samman for outstanding contributions to education and academic excellence.
- Achieved **NCC "B"** certificate from 9 MP battalion **India Army**.
- Played **National level Kho-Kho** tournament as a captain at Kakatiya University Warangal Telangana.
- Honored by **"Rajypal Pursuskar"** in Scout and selected to **"President of India"** Award in KVS Group.

BIBLIOGRAPGHY

Research Paper Publications

- Wear Study of Al 6061 Hybrid Composite Reinforced with Si C and B4C Micro particles and Fabricated by Powder Metallurgy Method EVERGREEN Joint **Journal of Novel Carbon Resource Sciences & Green Asia Strategy**, Vol. 11, Issue 04, pp3078-3091, December, 2024 DOI: 10.5109/7326946
- Energy Development: Navigating India's Traditional and Non-Traditional Pathways (An Insightful Review), AICTE-VAANi Sponsored National Conference, IRIS 2024. Contribution of Alternative Energy in Sustainable Development ISBN: 978-81-969799-0-4 **SKIT Jaipur**.

- Development of Framework to Increase Flexibility in Shop floor and Maximize Production Rate using Substitute Machine, Jurnal Kejuruteraan **Journal of Mechanical Engineering** 34(4) 2022: 585-589, https://doi.org/10.17576/jkukm- 2022-34(4)-06.
- An analysis of the parameters for production effectiveness and maintenance Policy with multiple assignable causes, International **Journal of Mechanical Engineering**, Vol. 7 No. 2 February, 2022, ISSN: 0974-5823, Pp – 3419 – 3427.
- Tribological characterizations and Numerical Simulations of thermoplastic composites in pin-on-disc configuration, **Materials Today Proceedings**, https://doi.org/10.1016/j.matpr.2022.09.231 September 2022.
- Research paper titled on Experimental investigations on the Tribological behavior of thermoplastic composites with partial sand replacements, **Materials Today Proceedings**, https://doi.org/10.1016/j.matpr.2022.08.209 online 23 August 2022.
- A Smart Management of small scale Automobile manufacturing industry for maximum Production: A critical Review, SGVU International Journal of Convergence of Technology and Management E-ISSN: 2455- 7528, Vol.8 Issue 1 Page No 26-30, https://www.gyanvihar.org/researchjournals/ctm_journals.php
- **A Case Study** On Manufacturing Industry Used Prognostic Tools To Remove The Problems In Shop Floor Challenges Faced In Maintenance Engineering, international journal of scientific & technology research Volume 8, issue 12, December 2019 ISSN 2277- 8616, www.ijstr.org, Pp 1-4.
- Research paper on Analyzing the effect of the parameters of laser etching process influencing the corrosion resistance and surface roughness of marine grade 316 stainless steel, , **Materials Today: Proceedings**, https://doi.org/10.1016/j.matpr.2020.02.130
- Development of Advanced Ti-Based Materials and commercialization of titanium Product by means of conventional & innovative powder metallurgy techniques, **International Conference on Smart Innovations for Society (ICSIS) 2021**.
- Construction and Development of Sinter Line, International Journal for Research in Engineering Application & Management **(IJREAM)** ISSN: 24549150, DOI : 10.18231/2454-9150.2019.0546, PP 69 – 76.
- Design Parameters of Testing Vessel for Deep Sea Experiments: A Review on Findings, Electronic copy https://ssrn.com/abstract=3553175, **International Conference on Innovative Advancement in Engineering and Technology (IAET-2020)**
- Improve Production Rate using Substitute Machine with Predictive Maintenance Plan, Electronic copy https://ssrn.com/abstract=3556308, **International Conference on Innovative Advancement in Engineering and Technology (IAET- 2020.**
- Design Improvement of Solar Still Device Using Separate Condenser, International Journal of Engineering and Advanced Technology **(IJEAT)**', ISSN: 2249-8958 (Online), Volume 8 Issue-4, April 2019, http://www.ijeat.org/download/volume-8-issue-4/RetrievalNumber: C5710028319/19©BEIESP Page No.:177-182.
- **A Case Study** On Manufacturing Industry Used Prognostic Tools To Remove The Problems In Shop Floor Challenges Faced In Maintenance Engineering, open access International

Journal of Scientific & Technology Research (IJSTR, Ref: IJSTR-1219-25685) Volume 8 - Issue 11, December 2019 Edition.

- TQM In Indian SMEs And Using PILOT Model for Improvement of Production Management to Maximize Production Rate, open access International Journal of Scientific & Technology Research **(IJSTR)** Volume 8 - Issue 11, December 2019 Edition, www.ijstr.org.
- Study and Analysis of Lean Tools to Improve and Increase the Efficiency of Manufacturing Process, **IJPRET**, 2018; Volume 6 (8): Impact Factor: 4.226, ISSN: 2319-507X, www.ijpret.com Pp 1-10.
- Quality enhancement of producer by cooling and conditioning: **A review**, Contents lists available at Science Direct, Materials Today: Proceedings 32 (2020) 321–32.
- Study and analysis of inventory management practices in small scale industry, Volume 1 Issue 1 **JETIR** (ISSN-2349- 5162), JETIR1401001 Journal of Emerging Technologies and Innovative Research (JETIR), Pp 1 – 4.
- **Supply chain management** and its tools used by McDonald's in India, https://ssrn.com/abstract=3719680. Number of four research paper communicated and out two is accepted in peer reviewed journal, up to November 2022 is online with concern.

Published Patents

- A System for Providing Development of Sustainable Composites for Tribological Application, **Application Number 202231071656**, Field Of Invention Polymer Technology.
- Compositions and Methods for Thermoplastics Composites by the Synergy of RHA, Silica Sand and Waste Plastics, **Application Number 202331008007**, Field of Invention Chemical & Tribology.
- User Assistive Device for Vehicle Maintenance **Application No.: 202211064851A**, Field Of Invention Maintenance Policy.
- Assistive Device for Construction Work, **Application No.202211064859A**, Field Of Invention Construction & Civil Engineering.
- Nail Holding and Guiding Device, **Application No.202211064865A**, Field Of Invention Sheet Manufacturing Technology
- Adjustable Road Barricading Device, **Application No.202211064868A**, Field Of Road Safety & Management.
- Chimney Flue Liner Cleaning Device, **Application No.202211064913A** Field Of Maintenance Engineering, Cleaning Technology, or Heating and Ventilation Systems.
- Secured Two-Wheeler Locking Device, **Application No.202211064919A** Field Of Security Systems And Automotive Technology.
- Sheet Manufacturing Device, **Application No.202211064920A** Field of Industrial Engineering with a Focus on Process Design, Automation, or Fabrication Technology.
- Automated Water Rescuing Device, **Application No.202211064921A** Field Of Robotics, Water Safety Systems, and Emergency Response Equipment.

- Engine Splash Plate Restoration Device, **Application No.202211064937A** Field Of Vehicle Components and Repair Restoration Systems

Major Workshops/Conferences/Training Programs attended

- Attended **One-Week Workshop** on "Innovations & Applications in Engineering Materials", organized by KIET Group of Institutions in collaboration with **DRDO**, from Feb 3-7, 2025 (Online Mode).
- Successfully completed **AICTE ATAL FDP** on "Smart Manufacturing Technologies aligned with Industry 4.0 Challenges and Opportunities at PUNJAB Engineering College Deemed to be University, sponsored by AICTE Training and Learning **(ATAL)** Academy, from Jan 13-18, 2025.
- Successfully completed **AICTE ATAL FDP** on "3D Printing for Biomedical Applications: Shaping the Future of Healthcare in Industry 4.0" at NIT Kurukshetra, sponsored by AICTE Training and Learning (ATAL) Academy, from Jan 06-11, 2025.
- Participated in **International FDP** on "Ethical Issues in Research Writing", organized by Regional College for Education Research & Technology and University of Technology, Jaipur, in association with Scientific and Humanities Research Society, from Sept 11-16, 2024 (Virtual Mode).
- Attended **two days National workshop** on under the quality improvement program **Savitribai Phule - Pune University** on Electrical Vehicle: Aspects of Manufacturing on 17 ¬ & 18 January 2019. Organized by Department of Mechanical Engineering, Indira College of Engineering & Management.
- Attended **one-week National workshop** on “Renewable Energy; End Use and Efficiency” organized by Medicaps University Indore with collaboration of MPCST Indore on February 2019.
- Attended 2 days **National Seminar** on "Green Techno - economical Approaches in Development of Smart City: Role of Science & Technology" at **IIST Indore**.
- Completed **one week workshop** for “Faculty Development Programme” in NX 0.7 (Design and Analysis software) organized by **NITTTR Bhopal.**
- Attended **two-week workshop** for “Entrepreneurship Development” organized by NESTEDB- Ahmadabad (B-School) at **IES-IPS Academy Indore**.
- Attend two-week workshop for “Quality Control & Operation Research “organized by SIDBI & DIC. Indore at **IET- DAVV Indore.**
- Completed two days’ workshop for “Production Process” organized by ISTE-Mumbai **(IIT-Bombay) at SGSITS Indore.**
- Attended two days’ workshop for Institute-Industry Interaction organizes by Shri Vaishnav Polytechnic College Indore.

PERSONAL PROFILE

Date of Birth	**:**	**5th October, 1986**
Gender	**:**	**Male**
Marital Status	**:**	**Married**
Nationality	**:**	**India**
Languages Known	**:**	**English, Hindi**
Hobbies	**:**	**Solving Sudoku & Listening to Music**
Current Address	**:**	**Kendriya Vihar – II, Jaipur Raj. India**
Self-Evaluation	**:**	**Confident, Creative, & Hardworking**

REFERENCES

1. Prof. (Dr.) Nagendra Sohani – Professor & Technical Coordinator of Devi Ahilya Vishwavidyalaya Indore, (M.P.), nsohani@ietdavv.edu.in, +91 9425311674
2. Mr. Shubham Mahajn, Assistant Director Corporate & Training Placement Cell, South Asian University New Delhi, Venture of Ministry of External Affairs India, shub.mahajan@gmail.com, +91 9993353217
3. Prof. (Dr.) Neeraj kumar Professor & Head School of Engineering & Technology SGVU, Jaipur, neeraj1mech@gmail.com, neeraj.kumar1@mygyanvihar.com +919414279664

Dr. Ajay Kumar Pagare

Date:-
Place:-Jaipur (Raj.)

COVER LETTER

I am writing to express my interest in a suitable academic and administrative position at your esteemed institution. Currently, I am serving as an Associate Professor and Dean of IQAC, with a BE, ME, and Doctorate in Mechanical Engineering from reputed institutions. With 15 years of extensive experience in teaching and administration, I have successfully contributed to institutional growth and quality enhancement.

Throughout my career, I have held key leadership roles, including Head of the Mechanical Engineering Department and Deputy Controller of Examinations, where I managed online examinations using CAMU software. As an IQAC Coordinator, I played a pivotal role in helping my institution achieve a B++ grade in NAAC at the university level and an A+ grade at the college level. Additionally, as an NBA Coordinator, I contributed to securing strong accreditation results.

I have actively organized conferences, workshops, and Faculty Development Programs (FDPs) at both the department and school levels. My commitment to research is reflected in my high-quality publications, details of which are provided in my attached resume.

I am eager for the opportunity to contribute my academic expertise, administrative skills, and leadership experience to your institution. I look forward to the possibility of discussing how my qualifications align with your institution's vision and goals.

Thank you for your time and consideration. I look forward to your positive response.

Sincerely,

Dr. Ajay Kr. Pagare
pagareajay8@gmail.com,
Mob. No.: +91 7583055777