

Dr. Sandeep Gunjal

MBA, Ph.D.

Researcher | Industry Consultant | Assistant Professor

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PROFESSIONAL SUMMARY

Results-driven academican and industry professional with **18+ years** of experience in manufacturing, operations, maintenance and projects. Currently working as **Assistant Professor (MBA & Executive MBA)** and **Postdoctoral Researcher**. Expertise in **Industry 4.0/5.0, AI, Operations Management, Supply Chain, ERP, Lean Manufacturing** and **Research Methodology**. Passionate about integrating AI and emerging technologies for smart, sustainable and human-centric organizational transformation.



INDUSTRY EXPERIENCE (18+ YEARS)

AVP – Kirloskar Ferrous Industries Ltd., Pune (Up to 2023)

- Maintenance Manager and Projects Manager (Additional Charge)
- Led maintenance strategies, preventive maintenance, TPM and cost optimization
- Executed new machine erection, commissioning and capital projects
- Implemented Lean Manufacturing and process improvement
- Handled supply chain, stores, and vendor management
- Worked on ERP implementation and operational excellence



ACADEMIC EXPERIENCE (1+ YEAR)

**Assistant Professor – Management
MBA & Executive MBA Programs**

- Subjects Taught:** Operations Management, Supply Chain Management, Manufacturing Management, Logistics, Organizational Behaviour, ERP, Six Sigma, Entrepreneurship Development
- Guided students in research projects, summer internships and industry exposure
- Involved in student counselling, career mentoring, placement and academic administration



CORE COMPETENCIES

- Operations & Manufacturing Excellence
- Maintenance Management & TPM
- Project Management & Execution
- Supply Chain & Logistics
- ERP Implementation
- Lean & Six Sigma
- Industry 4.0 / Industry 5.0
- AI Integration & Automation
- Research Methodology
- Data Analysis (SPSS, SmartPLS)
- Academic Research & Teaching
- Leadership & Team Management

PROFESSIONAL IDENTITY

Researcher • Teacher • Industry Consultant • AI & Digital Transformation Enabler
Committed to Innovation, Sustainability and Human-centric Intelligent Organizations



QUALIFICATIONS

- Postdoctoral Researcher (Management) (Ongoing)
- Ph.D. in Management (Management Studies)
- Master of Business Administration (MBA) (Finance & Operations)
- Bachelor of Engineering (B.E.) (Mechanical Engineering)
- NPTEL Certifications (Management & Engineering Domain)
- Industry 4.0 / AI / Digital Transformation Certifications
- Six Sigma & Lean Certifications



RESEARCH PROFILE

- Ph.D. in Management
- Postdoctoral Researcher – Area: Industry 5.0, AI in Manufacturing, Human-centric Smart Manufacturing, Sustainability
- Published research paper in UGC CARE listed journal – *International Journal of Cultural Studies and Social Sciences*
- Research Interests:** Industry 4.0/5.0, AI, Smart Manufacturing, Operations, Supply Chain, Sustainability, Organizational Behaviour
- Experienced in research methodology, case studies, and data analysis



ACHIEVEMENTS & CONTRIBUTIONS

- 18+ years of leadership in manufacturing and operations
- Successfully executed multiple projects in machine erection, commissioning and process improvement
- Guided and mentored students in academic and research activities
- Active involvement in seminars, workshops, guest lectures and industry interactions