

Somaiya Vidyavihar University

Name: Prashant Jain		E-mail: prashantjain@somaiya.edu	
Contact No: M: 09820262706, O: 022-66449509			
Department/Section: Mechanical Engineering Department			
College: K J Somaiya College of Engineering			
DOJ Somaiya: July 22, 1996	Career Experience: 32 Yrs	Industry Experience: NA	Teaching Experience: 32 Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation: NA	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Supply chain management 2. Manufacturing systems and optimization <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. World Class Manufacturing 2. Business Process Reengineering 3. Industrial Management 4. Project Management 5. Energy Conservation And Management 6. Energy Economics 7. Energy and Sustainable Development 8. Industrial Engineering and Management 9. Methods Engineering 10. Industrial Psychology 11. Operations Research 12. Manufacturing Planning and Control 13. Fluid Mechanics 14. Hydraulic Machinery 15. Kinematics of Machinery 16. Dynamics of Machinery 17. Environmental Studies 18. Engineering Mechanics 19. Mechanical Estimating And Costing 20. Human Values & Conscience Development

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D : No
<p>Details of Recognitions</p> <ol style="list-style-type: none"> 1. PG teacher at University of Mumbai, vide letter no. PG/I.C.D./2014-15/669 dated 25/06/2014 2. UG teacher at University of Mumbai vide letter no. CONCOL/SA/6600/2001, dated 5/11/2001 3. UG teacher at Amravati University vide letter no. AU/8/C-2226/94, dated 13/12/94 			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Ph.D in Mechanical Engineering	Mumbai University	Pillai College of Engineering, New Panvel	2023	-
PG	M. Tech. (Ind. Engg)	Rashtrasant Tukadoji Maharaj University, Nagpur, MS	Visvesvaraya National Institute of Technology, Nagpur, MS	1994	71.50
UG	B.E. (Mech Engg)	Guru Ghasidas University, Bilaspur, CG	Government Engineering College, Bilaspur, CG	1990	65.23
NET/SET/ Other	GATE-91	--	--	1991	86.85 Percentile

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Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	K J Somaiya College of Engg, Mumbai	Assistant Professor	July 96	Working	28
2.	B N College of Engg, Pusad (MS)	Lecturer	Aug 94	July 96	2
3.	R K N Engg College, Nagpur (MS)	Lecturer	Aug 92	May 94	2

Research Accomplishments and Projects		
No of students pursuing Ph.D as on date: NA		No of students completed Ph.D as on date: NA
No of students completed PG thesis / Project work as on date: 7		No of students / groups completed UG projects as on date: More than 80
Publications Total: 7	Number of Peer review Journal papers: 5	Number of Conference papers: 2
<p>Details of Publications:</p> <p>International Journals</p> <ol style="list-style-type: none"> 1. Bhosale, V. V., & Jain, P. Comparative analysis of PID and fuzzy logic controller: A case of furnace temperature control, Journal of Current Science and Technology, July-December 2020 JCST Vol. 10 No. 2, pp. 109-120 2. Jain, P., Tambuskar, D. P., & Narwane, V. (2024). Identification of critical factors for big data analytics implementation in sustainable supply chain in emerging economies. Journal of Engineering, Design and Technology, 22(3), 926-968. 3. Jain, P., Tambuskar, D. P., & Narwane, V. S. (2023). Is the implementation of big data analytics in sustainable supply chain really a challenge? The context of the Indian manufacturing sector. International Journal of Innovation and Technology Management, 20(05), 2350033. 4. Tambuskar, D. P., Jain, P., & Narwane, V. S. (2024). An exploration into the factors influencing the implementation of big data analytics in sustainable supply chain management. Kybernetes, 53(5), 1710-1739. <p>National Journals:</p> <ol style="list-style-type: none"> 1. Jain, P., & Tambuskar, D. P. A roadmap for implementation of big data analytics in sustainable supply chain management, Industrial Engineering Journal, Vol. XV & Issue No. 09 September - 2022 <p>Conferences</p> <ol style="list-style-type: none"> 1. Jain, P., & Tambuskar, D. P. (2019). AHP Analysis of Factors for Adoption of Big Data Analytics in Manufacturing. 61st 5th, 488, SVNIT Surat 2. Applicability of Big Data Analytics in Sustainable Supply Chain Management: A Proposed Framework, IEEE Conference on Technologies for Future Cities 2021 (CTFC-2021) on October 8-9, 2021 held at Pillai College of Engineering, New Panvel 		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
<p>Attended</p> <ol style="list-style-type: none"> 1. One day national seminar on 'Indian Ergonomic Standards – Existing and Needs' organized by Bureau of Indian Standards at Godrej & Boyce Mfg. Co. Ltd., Mumbai on September 26, 2018. 2. One week short term training program on 'Design of Experiments: An Optimization Tool (DOEOT-2014)' at NIT Rourkela from Dec 22 to 25, 2014. 3. Two week ISTE workshop on 'Engineering Thermodynamics, conducted by IIT Bombay from Dec 11 to 21, 2012 held under the National Mission on Education through ICT (MHRD). 4. One week CEP on 'Energy Management' at IIT Bombay from Nov 26 to 30, 2012. 5. Two days ISTE workshop on 'Akash for Education' conducted by IIT Bombay from Nov 10 to 11, 2012 held under the National Mission on Education through ICT (MHRD). 6. One day Orientation Workshop on Outcome Based Accreditation Process and Parameters conducted by National Board of Accreditation, New Delhi under TEQIP – II on Nov 4, 2012 at VJTI Mumbai. 7. Two week ISTE workshop on 'Research Methodologies' conducted by IIT Bombay from June 25 to July 4, 2012 held under the National Mission on Education through ICT (MHRD). 8. Two days ISTE workshop on 'Writing Effective Conference Papers' conducted by IIT Bombay from Feb 18 to 19, 2012 held under the National Mission on Education through ICT (MHRD). 9. Two weeks short term training program on 'Technology Developments in Refrigeration and Air conditioning' conducted by K. J. Somaiya College of Engineering, Mumbai from May 2 to 12, 2006. 10. Two days conference on 'Operations Research in Modern Technology' at Regional Engineering

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College, Kurukshetra in March 1996.

11. Three weeks 'Induction Training Programme' conducted by D.Y. Patil College of Engineering, Pune from May 22 to June 10, 1995.

Date: 08 / 09 / 2025

Signature of Faculty Member