


ACADEMIC PROFILE

Name	Dr. Prasad M. Karande	 <p>Place affix</p>
Date of Birth	05/07/1972	
Date of Joining	20/04/2017	
Designation at the time of Joining	Associate Professor	
Current designation	Associate Professor	
Personal Homepage		
Phone (Office)	022-24198109	
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Email	pmkarande@me.vjti.ac.in	
Academic Qualifications		
<ul style="list-style-type: none"> • PhD (Engineering) • M. E. (Production) • B. E. (Mechanical) 		
Career History		
<ul style="list-style-type: none"> • Associate Professor (Mechanical), VJTI, Mumbai • Lecturer in Mechanical Engineering, Government Polytechnic 		
Areas of Academic Interest		
<ul style="list-style-type: none"> • Industrial Engineering • Decision Sciences • Supply Chain Management 		
Membership in Academic Bodies / Board of Studies / Editorial Board (Journals)		
<ul style="list-style-type: none"> • Life member of Indian Society for Technical Education • Life Member of Institution of Engineers (India) • Member International Society on MCDM 		
Major Academic Publications		
<ul style="list-style-type: none"> • Karande, P. and Chakraborty, S. Application of multi-objective optimization on the basis of ratio analysis (MOORA) method for materials selection, <i>Materials and Design</i>, 37, 2012, 317-324. • Karande, P. and Chakraborty, S. Application of PROMETHEE-GAIA method for non-traditional machining process selection, <i>Management Science Letters</i>, 2(6), 2012, 2049-2060. • Karande, P. and Chakraborty, S. A fuzzy-MOORA approach for ERP system selection, <i>Decision Science Letters</i>, 1(1), 2012, 11-22. • Karande, P. and Chakraborty, S. Material handling equipment selection using weighted utility additive theory, <i>Journal of Industrial Engineering</i>, 2013, 2013, 1-9. • Karande, P., Gauri, S. K. and Chakraborty, S. Applications of utility concept and desirability function for materials selection, <i>Materials and Design</i>, 45, 2013, 349-358. • Karande, P. and Chakraborty, S. Evaluation and selection of flexible manufacturing systems using MACBETH method, <i>International Journal of Services and Operations Management</i>, 16(1), 2013, 123-144. • Karande, P. and Chakraborty, S. Using MACBETH method for supplier selection in manufacturing environment, <i>International Journal of Industrial Engineering and Computations</i>, 4(2), 2013, 259-272. 		
Paper Presentations in National / International Journals (In last 5 years)		
<ul style="list-style-type: none"> • Karande, P. and Chakraborty, S. Supplier selection using weighted utility additive method, <i>Journal of the Institution of Engineers (India): Series C</i>, 96(4), 2015, 397-406. • Karande, P., Zavadskas, E. K. and Chakraborty, S. A study on the ranking performance of some MCDM methods for industrial robot selection problems, <i>International Journal of Industrial Engineering Computations</i>, 7, 2016, 399-422. • More, N., Jagtap, M. and Karande, P. Decision Making Framework Considering Uncertainty, <i>International Journal of Advanced Science and Technology</i>, 29(4), 2020, 7640- 		

7649.
<ul style="list-style-type: none"> • Marfatia, H., Vaghani, A., Shah, N. and Karande, P. Value Stream Mapping for Lead Time Reduction in Rubber Products Manufacturing Company, Indian Science Cruiser, 34(02), 2020, 11-17.
Paper Presentations in National / International Conferences / Seminars (In last 5 years)
<ul style="list-style-type: none"> • Karande, P. and Chattergy, P. Desirability Function Approach for Selection of Facility Location: A Case Study, 2nd European International Conference on Industrial Engineering and Operations Management, Paris, France, 2018, 1700-1708. • Patil, P. and Karande, P. Machining of SS304 using coolant with zero sensible heat, Proc. of the International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 2019), IIT Indore, 2019. • Bari, P. and Karande, P. Cost Minimization in a Scheduling Problem with Unrestricted and Restricted Common Due Date, Proc. of International Conference on Evolution in Manufacturing (ICEM 2020), MNIT Jaipur, 2020. • Bari, P. and Karande, P. Application of PROMETHEE-GAIA method to priority sequencing rules in a dynamic job shop for single machine, Proc. of the 3rd International Conference on Materials, Manufacturing and Modelling (ICMMM – 2021), Vellore, 2021.
Attendance in Conferences / Seminars / Workshops (In last 5 years)
<ul style="list-style-type: none"> • Attended and presented a research paper in 2nd European International Conference on Industrial Engineering and Operations Management, Paris, France, 2018. • Attended the International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 2019), IIT Indore, 2019.
Participation in Professional Development Programmes (In last 5 years)
<ul style="list-style-type: none"> • Participated in One Week AICTE-QIP sponsored Short Term Course on ‘Advanced Manufacturing Processes & Management Practices’ organized by VJTI, Mumbai, 2017. • Participated in One Week Short Term Course on "Recent Advances in Applied Optimization" organized by IIT Guwahati, 2018. • Participated in One Week Professional Development Training under TEQIP-III at IIM Raipur, 2019. • Participated in CEP Workshop on “3D Printing of Metals” organized by IIT Bombay, Mumbai, 2020.
Guidance / Supervision of M.Tech & Ph.D. Dissertations
<ul style="list-style-type: none"> • Ph.D. – 6 on-going • M. Tech – 7 completed, 5 on-going
Research Projects Undertaken
•
Revenue generation (Consultancy/Testing assignments Undertaken) (In last 5 years)
<ul style="list-style-type: none"> • Trailer Design Checking of for Transport Commissioner, Mumbai, Maharashtra
Organization of Academic Conferences / Workshops / Designing Courses (In last 5 years)
<ul style="list-style-type: none"> • Organized One Week Short Term Training Program on “Advanced Data Analysis and Decision Making” under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) scheme of Ministry of Human Resource Development (MHRD), New Delhi, Government of India, 2020.
Invited Lectures / Chairing / Resource Person / Keynote Address (In last 5 years)
<ul style="list-style-type: none"> • Invited Lecture during STTP at on “Research Methodology and It’s Applications” at Government Polytechnic, Thane, 2018 • Expert Lecture during STTP on “Advanced Data Analysis and Decision Making” at VJTI, Mumbai, 2020.