

## BIO-DATA



1.	<b>Name</b>		Dr. PRASAD ASHOK BARI					
2.	<b>Designation</b>		Assistant Professor					
3.	<b>Residential Address</b>		Koparkhairane					
4.	<b>Date of birth</b>		23 <sup>rd</sup> September					
5.	<b>Total Experience</b>		23 Years					
i.	<b>Teaching</b>		18 Years					
ii.	<b>Industrial</b>		05 Years					
6.	<b>Qualifications</b>							
	<b>Exam Passed</b>	<b>Year</b>	<b>Institution/ University</b>	<b>Branch/Specialization</b>	<b>Percentage/CGPI</b>			
	PhD	2024	VJTI/Mumbai	Mechanical	Awarded			
	M. Tech	2012	VJTI/Mumbai	Production	8.9 CGPI			
	B. E.	2001	BVCOE/Mumbai	Mechanical	62 %			
	<b>Additional Qualification:</b>							
7.	<b>Employment Record</b>							
	<b>Institution</b>	<b>Year (From - To)</b>	<b>Designation</b>					
	FCRIT, Vashi, Navi Mumbai	2007 – till date	Assistant Professor					
	Infimedia India Ltd., Nerul, Navi Mumbai	2002-2007	Production Officer					
8.	<b>Undergraduate / Postgraduate Teaching Experience and Subjects Taught</b>							
	<b>Subjects Taught at UG level</b>							
	<b>Sr.No.</b>	<b>Name of Subject</b>	<b>Semester</b>					
	1.	Fundamentals of Logistics and Management	V					
	2.	Operations Planning and Control	VIII					
	3.	Optimization Techniques	V					
	4.	Production Planning and Control	VII					
	5.	Industrial Engineering and Management	VIII					
	6.	Metrology & Quality Engineering	VI					
	7.	Theory of Machines	IV					
9.	<b>Professional Societies Fellowship / Membership</b>							
	ISTE (Indian Society for Technical Institute) – Membership No. – LM 57247							
	GIAN (Global Initiative of Academic Networks) – 2015150524318							
	International Society on MCDM (Multi Criteria Decision Making)							
10.	<b>Achievements / Awards / Position</b>							
	1. Accreditation Coordinator in Fr. CRIT, Vashi from 2012-2019, 2024-Till date							
	2. Exam Cell In-Charge in Fr. CRIT, Vashi from 2007-2010							
	3. Faculty Coordinator for ‘ETAMAX – 2016’, inter collegiate festival.							
11.	<b>Short Term Training Programmes attended</b>							
	1. Logistics and Supply Chain Management (NPTEL) – IIT Kharagpur, July 2025 – October 2025							
	2. Modelling and Analytics for Supply Chain Management (NPTEL) – IIT Kharagpur, January 2025 – April 2025							
	3. Product Design and Development (NPTEL) – IIT Roorkee, July 2024 – September 2024							
	4. Multiple Attribute Decision Making and Its Industrial Applications-III, SVNIT, Surat, (15th to 19th June 2024)							

	<p>5. Advances in Industrial and Manufacturing Operations: Applications and Practices (AIMOAP-23) NIT, Kurukshetra, (15th to 19th December 2023)</p> <p>6. Operations and Supply Chain Management (NPTEL) – IIT Madras, July 2023 - October 2023</p> <p>7. Advanced Multi-Criteria Decision-Making Methods using MS Excel, Aditya Engineering College, Surampetlam in collaboration with Adonic Informatics (15<sup>th</sup> -19<sup>th</sup> October, 2022)</p> <p>8. Computational Intelligence Methods, Maharishi University of Information Technology, Noida in collaboration with Adonic Informatics (19<sup>th</sup> - 23<sup>rd</sup> August, 2022).</p> <p>9. Evolutionary Computation for Single and Multi-Objective Optimization (NPTEL) – IIT Guwahati, January 2022- March 2022</p> <p>10. Multiple Attribute Decision Making and Its Industrial Applications-III, SVNIT, Surat, (15<sup>th</sup> to 19<sup>th</sup> March 2021)</p> <p>11. Welcome to Game Theory (Coursera) organized by University of Tokyo May 2020- June2020</p> <p>12. Advanced Data Analysis &amp; Decision Making, VJTI, Mumbai (30<sup>th</sup> December 2019 to 3<sup>rd</sup> January 2020)</p> <p>13. Advanced Engineering Optimization Through Intelligent Techniques, SVNIT, Surat (13th – 17th May 2019)</p> <p>14. Statistical Analysis &amp; its Application in Industry and Research – Vishwaniketan Institute, Khalapur (6th – 10th May 2019)</p> <p>15. Advanced Green Manufacturing System (NPTEL), IIT Kanpur, January 2019- April 2019</p> <p>16. MCDM Techniques Using R (NPTEL) IIT Roorkee, February 2019- March 2019</p> <p>17. Introduction to Operations Research (NPTEL) – IIT Madras, January 2019- March 2019</p> <p>18. Advanced Manufacturing Processes and Management Practices - VJTI, Mumbai (23<sup>rd</sup> to 28<sup>th</sup> Dec. 2017)</p> <p>19. Research Metodology - VJTI, Mumbai (11<sup>th</sup> to 16<sup>th</sup> March 2017)</p> <p>20. Micro/Meso – Scale Manufacturing Technologies - VJTI, Mumbai (8<sup>th</sup> – 12<sup>th</sup> August 2016)</p> <p>21. Advances in the Manufacturing and Micromachining Techniques – VJTI, Mumbai (14<sup>th</sup>–18<sup>th</sup> Nov.2011)</p> <p>22. MICROMANUFACTURING – IIT Kanpur (Sept.30-Oct. 04, 2011)</p> <p>23. Mission 10X – High Impact Teaching Skills – Fr. CRCE, Bandra &amp; Wipro (23<sup>rd</sup> &amp; 24<sup>th</sup> Nov.2009)</p> <p>24. Emerging Trends in Manufacturing – COETA, Akola (23<sup>rd</sup> -27<sup>th</sup> June, 2008)</p>
12.	<p><b>List of Papers Published</b></p> <ol style="list-style-type: none"> <li>1. <b>Bari, P.</b>, Karande, P., Bag, V. (2024). Hybrid genetic algorithm to minimize scheduling cost with unequal and job dependent earliness tardiness cost. International Journal of Production Management and Engineering, Vol. 12, Issue 1, <a href="https://doi.org/10.4995/ijpme.2024.19277">https://doi.org/10.4995/ijpme.2024.19277</a></li> <li>2. <b>Bari P.</b>, and Karande P. Optimal job scheduling to minimize total tardiness by dispatching rules and community evaluation chromosomes. Decision Making: Applications in Management and Engineering, Vol. 6, Issue 2, 201-250, 2023 <a href="https://doi.org/10.31181/dmame622023700">https://doi.org/10.31181/dmame622023700</a></li> <li>3. <b>Bari P.</b>, and Karande P. Makespan minimization using hybrid heuristic and evolutionary genetic algorithm. International Journal of Industrial Engineering &amp; Production Research, Vol. 34, Issue 2, 1-16. 2023 <a href="http://ijiepr.iust.ac.ir/article-1-1713-en.html">http://ijiepr.iust.ac.ir/article-1-1713-en.html</a></li> <li>4. Vaidehi Bag, Sumedh Chinchmalatpure, Ali Ashraf Gilani, Nishant Patil, <b>Prasad Bari</b>, "Development of a Model for Cost Minimization in Job Sequencing with Common Due Date", in Proc. 1st International Conference on Advanced Optimization Techniques and Applications, Jharkhand, India, Jan. 21-22, 2023.</li> <li>5. <b>Bari P.</b>, Karande P., and Menezes, J., "Simulation of job sequencing for stochastic scheduling with a genetic algorithm", Operational Research in Engineering Sciences: Theory and Applications, Vol. 5, Issue 3, 17-39, 2022. <a href="https://doi.org/10.31181/oresta060722075b">https://doi.org/10.31181/oresta060722075b</a></li> </ol>

6. **Bari P.**, and Karande P., "Ranking of sequencing rules in a job shop scheduling problem with preference selection index approach", Journal of Decision Analytics and Intelligent Computing, Vol. 2, Issue 1, 12-25, 2022  
<https://doi.org/10.31181/jdaic10028042022b>
7. **Bari P.** and Karande P., "Application of PROMETHEE-GAIA method to priority sequencing rules in a dynamic job shop for single machine", Materials Today: Proceedings, Vol. 46, Part 17, 2021, pp. 7258-7264.  
<https://doi.org/10.1016/j.matpr.2020.12.854>.
8. **Bari P.** and Karande P., "Scheduling Problem in a Job-shop with Common Due Date to Minimize Cost and Makespan: Modeling Approach" in Manufacturing Technology and Research (An International Journal), Vol. 13, no. 1-2, Jan-Dec 2020, ISSN: 0973-0281
9. **Bari P.** and Karande P., "Cost Minimization in a Scheduling Problem with Unrestricted and Restricted Common Due Date", International Conference on Evolution in Manufacturing (ICEM), MNIT, Jaipur, 2020, pp. 269-278  
[https://doi.org/10.1007/978-981-16-5281-3\\_25](https://doi.org/10.1007/978-981-16-5281-3_25).
10. Mohamed Ibrahim Syed, **Prasad Bari**, Syju Alexander, Abhishek Saha and Krishna Kumar Mishra, "Design and Analysis of Milling Attachment on Lathe Machine" 6<sup>th</sup> International Conference on Production and Industrial Engineering (CPIE), NIT Jalandhar, 2019
11. Slyden Rodrigues, Terrence Pereira, Sagar Patil, Brean Burboz, **Prasad Bari**, "Modeling and Analysis of Textured Surfaces on a single point cutting tool" 2019 International Conference of Nascent Technology & Engineering, (ICNTE), 2019. [10.1109/ICNTE44896.2019.8945904](https://doi.org/10.1109/ICNTE44896.2019.8945904).
12. Santosh C., Girish D., **Prasad B.**, Sarvesh H., Tushar K., Sanika N., "Fabrication and Testing of Creep Testing Machine", Second International Conference on Frontiers in Engineering, Applied Science and Technology (FEAST), NIT Tiruchirapalli, 2018
13. **Bari P.** and Chauhan S., "Design, Fabrication & Automation of Abrasive Jet Machining System" International Conference on Emerging Trends in Engineering Innovations & Technology Management, ICET: EITM, National Institute of Technology Hamirpur, 2017, pp. 169-173
14. **P. Bari**, S. Chauhan, K. Patil, S. Mhasde and A. Dharmadhikari, "Optimization of electric discharge machining process parameters using carbon nanotubes," 2017 International Conference on Nascent Technologies in Engineering (ICNTE), 2017, pp. 1-6, [10.1109/ICNTE.2017.7947980](https://doi.org/10.1109/ICNTE.2017.7947980).
15. Rahul Gupta, Pooja Bibave, Ashish Shelke, Rohit Kesarkar, Prasad Bari, Santosh Chauhan, "Optimization of Electrical Discharge Machining Process Parameters Using Flushing and Drilled Tool", International Research Journal of Engineering & Technology (IRJET), vol: 03, no. 02, 2016, ISSN: 2395-0072
16. Tushar Datkhile, Advait Petiwale, Kartiki Puranik, **Prasad Bari**, "Optimization of Electrical Discharge Machining Process using Design of Experiment" International Conference on Industrial Engineering (ICIE), SVNIT, Surat, 2015
17. Pratik Desai, Soham Umbrajkar, Rahul Mahajan, **Prasad Bari**, Santosh Chauhan, "Performance of EDM using chromium powder suspended in distilled water" Contemporary Research in India – International Journal (ISSN 2231-2137) March 2014
18. Pratik Desai, Soham Umbrajkar, Rahul Mahajan, **Prasad Bari**, Santosh Chauhan, "Performance of EDM using chromium powder suspended in distilled water", National Conference on Sustainability, Society and Environment, Ratnagiri Sub-Centre, University of Mumbai, Ratnagiri 2014
19. Aamir Khan, Aditya Kanvinde, Akhil Prakashan, Rajat Bhan, **Prasad Bari**, "Modelling and Simulation of EDM process in 3D", International Conference on Precision, Meso, Micro and Nano Engineering (COPEN) NIT, Calicut, Kerala, 2013
20. **Prasad Bari** and Sachin Mastud, "Simulations of single discharge in EDM and micro EDM process" International Conference on All India Manufacturing Technology, Design and Research Conference (AIMTDR), Jadavpur University, Kolkata, 2012
21. **Prasad Bari** and Sachin Mastud, "Review of process stability measurements in micro EDM" International Conference on Mechanical Engineering Technology, St. Joseph's College of Engineering and Technology, Palai, Kerala, 2012
22. **Prasad Bari**, "SMED-An approach for reduction in changeover time", ZENITH - National Conference on Recent Trends in Engineering & Technology, 2009

13.	<p><b>International Conference Technical Program Committee Member / Reviewer</b></p> <ol style="list-style-type: none"> <li>1. Reviewer - International Journal of Production Research (2025)</li> <li>2. Reviewer - International Journal of Production Management and Engineering (2024)</li> <li>3. Reviewer - International Journal of Production Management and Engineering (2023)</li> <li>4. Reviewer - Decision Making: Applications in Management and Engineering (2023)</li> <li>5. Reviewer – Applied Artificial Intelligence (2023)</li> <li>6. Reviewer - Operational Research in Engineering Sciences: Theory and Applications (2022)</li> <li>7. Reviewer - Decision Making: Applications in Management and Engineering (2022)</li> <li>8. Reviewer - International Journal of Production Research (2022)</li> <li>9. Reviewer - International Conference of Nascent Technology &amp; Engineering (ICNTE - 2019), Fr. CRIT, Vashi, 15th &amp; 16th January 2021</li> <li>10. Reviewer - International Conference of Nascent Technology &amp; Engineering (ICNTE - 2019), Fr. CRIT, Vashi, 4th &amp; 5th January 2019</li> <li>11. Chair – IEEE Correspondence and Publication Committee, International Conference of Nascent Technology &amp; Engineering (ICNTE - 2019), Fr. CRIT, Vashi, 4th &amp; 5th January 2019</li> <li>12. Reviewer - International Conference of Nascent Technology &amp; Engineering (ICNTE - 2017), Fr. CRIT, Vashi, 27th &amp; 28th January 2017</li> <li>13. Technical Program Committee, International Conference of Nascent Technology &amp; Member – Engineering (ICNTE - 2017), Fr. CRIT, Vashi, 27th &amp; 28th January 2017</li> </ol>
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