BIO-DATA

1.	Name			Dr. PRASAD ASHOK BARI	
2.	Designation			Assistant Professor	
3.	Residential Address			Koparkhairane	
4.	Date of birth			23rd September	
5.	Total Experience			23 Years	
i.	Teaching			18 Years	
ii.	Industrial			05 Years	
6.	Qualifications				

Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI
PhD	2024	VJTI/Mumbai	Mechanical	Awarded
M. Tech	2012	VJTI/Mumbai	Production	8.9 CGPI
B. E.	2001	BVCOE/Mumbai	Mechanical	62 %

Additional Qualification:

7. Employment Record

Institution	Year (From - To)	Designation
FCRIT, Vashi, Navi Mumbai	2007 – till date	Assistant Professor
Infomedia India Ltd.,Nerul, Navi Mumbai	2002-2007	Production Officer

8. Undergraduate / Postgraduate Teaching Experience and Subjects Taught

Subjects Taught at UG level

Sr.No.	Name of Subject	Semester
1.	Operations Planning and Control	VIII
2.	Optimization Techniques	V
3.	Production Planning and Control	VII
4.	Industrial Engineering and Management	VIII
5.	Metrology & Quality Engineering	VI
6.	Theory of Machines	IV

9. Professional Societies Fellowship / Membership

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. Achievements / Awards / Position

1. Accreditation Coordinator in Fr. CRIT, Vashi from 2012-2019
2. Exam Cell In-Charge in Fr. CRIT, Vashi from 2007-2010
3. Faculty Coordinator for 'ETAMAX – 2016', inter collegiate festival.

11. Short Term Training Programmes attended

1. Product Design and Development (NPTEL) – IIT Roorkee, July 2024 – September 2024
2. Multiple Attribute Decision Making and Its Industrial Applications-III, SVNIT, Surat, (15th to 19th June 2024)

3. Advances in Industrial and Manufacturing Operations: Applications and Practices (AIMOAP-23) NIT, Kurukshetra, (15th to 19th December 2023)
4. Operations and Supply Chain Management (NPTEL) – IIT Madras, July 2023 - October 2023
5. Advanced Multi-Criteria Decision-Making Methods using MS Excel, Aditya Engineering College, Surampelam in collaboration with Adonic Informatics (15th -19th October, 2022)
6. Computational Intelligence Methods, Maharishi University of Information Technology, Noida in collaboration with Adonic Informatics (19th - 23rd August, 2022).
7. Evolutionary Computation for Single and Multi-Objective Optimization (NPTEL) – IIT Guwahati, January 2022- March 2022
8. Multiple Attribute Decision Making and Its Industrial Applications-III, SVNIT, Surat, (15th to 19th March 2021)
9. Welcome to Game Theory (Coursera) organized by University of Tokyo May 2020- June2020
10. Advanced Data Analysis & Decision Making, VJTI, Mumbai (30th December 2019 to 3rd January 2020)
11. Advanced Engineering Optimization Through Intelligent Techniques, SVNIT, Surat (13th – 17th May 2019)
12. Statistical Analysis & its Application in Industry and Research – Vishwaniketan Institute, Khalapur (6th – 10th May 2019)
13. Advanced Green Manufacturing System (NPTEL), IIT Kanpur, January 2019- April 2019
14. MCDM Techniques Using R (NPTEL) IIT Roorkee, February 2019- March 2019
15. Introduction to Operations Research (NPTEL) – IIT Madras, January 2019- March 2019
16. Advanced Manufacturing Processes and Management Practices - VJTI, Mumbai (23rd to 28th Dec. 2017)
17. Research Metodology - VJTI, Mumbai (11th to 16th March 2017)
18. Micro/Meso – Scale Manufacturing Technologies - VJTI, Mumbai (8th – 12th August 2016)
19. Advances in the Manufacturing and Micromachining Techniques – VJTI, Mumbai (14th–18th Nov.2011)
20. MICROMANUFACTURING – IIT Kanpur (Sept.30-Oct. 04, 2011)
21. Mission 10X – High Impact Teaching Skills – Fr. CRCE, Bandra & Wipro (23rd & 24th Nov.2009)
22. Emerging Trends in Manufacturing – COETA, Akola (23rd -27th June, 2008)

12.	**List of Papers Published**

1. **Bari, P.,** 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, https://doi.org/10.4995/ijpme.2024.19277
2. **Bari P.,** 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 https://doi.org/10.31181/dmame622023700
3. **Bari P.,** and Karande P. Makespan minimization using hybrid heuristic and evolutionary genetic algorithm. International Journal of Industrial Engineering & Production Research, Vol. 34, Issue 2, 1-16. 2023 http://ijiepr.iust.ac.ir/article-1-1713-en.html
4. Vaidehi Bag, Sumedh Chinchmalatpure, Ali Ashraf Gilani, Nishant Patil, **Prasad Bari**, "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.
5. **Bari P.,** 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. https://doi.org/10.31181/oresta060722075b

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.

10. Mohamed Ibrahim Syed, **Prasad Bari**, Syju Alexander, Abhishek Saha and Krishna Kumar Mishra, "Design and Analysis of Milling Attachment on Lathe Machine" 6th 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.

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.

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 Precission, 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, Kolkota, 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.	**International Conference Technical Program Committee Member / Reviewer**
	1. Reviewer - International Journal of Production Management and Engineering (2024)
	2. Reviewer - International Journal of Production Management and Engineering (2023)
	3. Reviewer - Decision Making: Applications in Management and Engineering (2023)
	4. Reviewer – Applied Artificial Intelligence (2023)
	5. Reviewer - Operational Research in Engineering Sciences: Theory and Applications (2022)
	6. Reviewer - Decision Making: Applications in Management and Engineering (2022)
	7. Reviewer - International Journal of Production Research (2022)
	8. Reviewer - International Conference of Nascent Technology & Engineering (ICNTE - 2019), Fr. CRIT, Vashi, 15th & 16th January 2021
	9. Reviewer - International Conference of Nascent Technology & Engineering (ICNTE - 2019), Fr. CRIT, Vashi, 4th & 5th January 2019
	10. Chair – IEEE Correspondence and Publication Committee, International Conference of Nascent Technology & Engineering (ICNTE - 2019), Fr. CRIT, Vashi, 4th & 5th January 2019
	11. Reviewer - International Conference of Nascent Technology & Engineering (ICNTE - 2017), Fr. CRIT, Vashi, 27th & 28th January 2017
	12. Technical Program Committee, International Conference of Nascent Technology & Member – Engineering (ICNTE - 2017), Fr. CRIT, Vashi, 27th & 28th January 2017