

BIO-DATA



1.	Name	BIPIN BHARAT MASHILKAR					
2.	Designation	Assistant Professor					
3.	Residential Address	Thane					
4.	Date of birth	30 TH June					
5.	Total Experience	14.5 years					
i.	Teaching	14 years					
ii.	Industrial	6 month					
6.	Qualifications						
	Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI		
	M. E.	2008-2009	LTCOE/Mumbai	Mechanical (Cad/ Cam & Robotics)	62%		
	B. E.	2004-2005	Fr.CRCOE/Mumbai	Mechanical Engg.	62.28%		
Additional Qualification:							
7.	Employment Record						
	Institution	Year (From To)		Designation			
	Fr.C.R.I.T. Vashi	Dec2008 to till date		Ass. Professor			
	Lokmany Tilak College Of Engg	Jully2005 to Dec2008		Lecturer			
	Vighaneshwar Air-conditioning	Dec2004 to June 2005		Jr. Service .Engg.			
8.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught						
	Subjects Taught at UG level						
	Sr.No.	Name of Subject			Semester		
	1.	Engg. Mechanics			I		
	2.	Engg. Drawing			II		
	3.	Strength of Material			III		
	4.	Fluid Mechanics			IV		
	Subjects Taught at PG level						
	Sr.No.	Name of Subject			Semester		
9.	Research Experience						
10.	Research Funding / Consultancy Services:						
	Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
	Research Grants:						
	Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project	
	Technical Collaboration / Lab Funding with Industries						
	Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year		

11.	Professional Societies Fellowship / Membership National Society of Fluid Mechanics and Fluid Power (NSFMFP) life member
12.	Achievements / Awards / Position
13.	Projects guided in UG/PG level <ol style="list-style-type: none"> 1. Design and Development of Automated Lawn mover 2. Head and Valve modification of reciprocating pump for easy maintenance. 3. Solar Powered Automated Water Level Indicator and Distribution System
14.	Short Term Training Programmes attended <ol style="list-style-type: none"> 1. Three days training program (6th, 20th July and 14th Sep, 2019) on “Measurement, Control and Virtual Instrumentation” conducted by Department of Mechanical Engineering, Fr. C Rodrigues Institute of Technology, Vashi, Navi Mumbai. 2. One week (June 25-29, 2019) training on “ANSYS Mechanical and CFD” conducted by Department of Mechanical Engineering, Fr. C. Rodrigues Institute of Technology, Vashi Navi Mumbai in association with ARK Infosolutions Pvt. Ltd. 3. One week (June 17-21, 2019) AICTE-QIP Sponsored short term course on “Solar Thermal Technologies for Process Heat and Power” organized by Department of Energy Science and Engineering (DESE), IIT Bombay. 4. One-week (May 28-June 3, 2018) AICTE-QIP Sponsored short term course on “Introduction to Numerical Heat Transfer, Fluid Flow and its Applications” organized by Mechanical Engineering Department, CIT, Coimbatore. 5. Six day faculty development program on “communication skills” organized by FCRIT Vashi from October 03, 2013 to October 09, 2013 6. Two week ISTE workshop on engineering mechanics conducted by IIT Bombay from 26th Nov. to 6th Dec. 7. One week (23/02/2017 to 28/02/2017) short term training program on “Fluid Flow and Computational Methods” organized by V.J.T.I., Matunga, Mumbai. 8. Electrical Vehicle, All India Shri Shivaji Memorial Society’s collage of Engineering Pune AICTE Training and Learning Academy (5th -9th Nov 2020)
15.	List of Journal Papers Published <ol style="list-style-type: none"> 1. Numerical investigation of Heat Transfer Augement in a Rectangular Solar Air Heater Duct. Published in <i>IJERT</i> , Volume 3, Issue 10, October-2014. 2. "Performance and Emission Characteristics of Thermal Barrier Coating on Diesel Engine Fueled with Cottonseed Biodiesel." In <i>Advances in Applied Mechanical Engineering</i>, pp. 205-213. Springer, Singapore, 2020.
16.	List of Papers Published in National and International Conferences <ol style="list-style-type: none"> 1. CFD Analysis of Heat transfer Enhancement in a Rectangular Solar air heater duct by using Artificial Roughness. in NCSAME-2009, JNTU Hyderabad, Aug20, 21, 2009 2. Analysis of Discrete Manufacturing System of Transmission Shafts & Gears for its Optimum Performance Present in icost2011, DHULE, Jan 13-15, 2011 3. Effects of Parameters on Oil content and Growth of Algae, International Conference on Advances & Futuristic Trends in Mechanical and Materials Engineering 2013, at Punjab Technical University. 4. Automated bottle filling system. “International conference on Emerging trends on technology” on 18th & 19th March 2015” VIVRUTI_2015”. 5. “Design and fabrication of fully automatic solar tracking system”, Proceedings of International conference on emerging trends in engineering innovation and technology management, volume - II, Himachal Pradesh, India, December 16 to 18, 2017, pp. 152-157. 6. “Design and Fabrication Pyrheliometer” International Conference on Frontiers in Engineering, Applied Sciences and Technology (FEAST 2018), April 27th & 28th, 2018 at NIT, Tiruchirappalli. 7. “Experimental and Computational Study of Phase Change Material Based Shell and Tube Heat Exchanger for Energy Storage”, 2nd International Mechanical Engineering Congress (IMEC – 2019), NIT Tiruchirappalli, 29 Nov. 2019 – 01 Dec. 2019. 8. “Performance and Emission Characteristics of Thermal Barrier Coating on Diesel Engine Fuelled with Cottonseed Biodiesel”, 1st International Conference on Applied Mechanical Engineering Research (ICAMER - 2019), NIT Warangal, 2-4 May 2019. 9. “Hybrid Shock Absorber with Electromagnetic and Fluid Damper for Application in an Automotive Suspension”, International Conference on Nascent Technologies in

	Engineering (ICNTE 2019), IEEE, 4-5 Jan 2019.
17.	Books/Reports/General articles etc.
18.	Invited Lectures in FDP/ STTP
19.	International Conference Technical Program Committee Member / Reviewer
20.	Patents