

GIDC DEGREE ENGINEERING COLLEGE
FACULTY PROFILE

	Name of Teaching Staff	MAYUR J. JALANAPURKAR		
	Designation	ASSISTANT PROFESSOR		
	Department	AUTOMOBILE		
	Date of Joining	25/07/2016		
	Qualifications with Class/Grade	B.E. (Automobile), M.E. (Mechanical), Pd.D. Pursuing		
	Total Experience in Years	Teaching	Industry	Research
		8 Years	-	-



	Area Of Interest	I.C Engine, Alternative fuels, Vehicle Dynamics, Engine Tribology				
	Papers Published in Journals	National	-	International	06	
	Detail Of Publication	Research Paper Published detail				
		Sr. No.	Titles of Research Paper	Name of Journal	Publication year	Remarks
		1	" Combine Effect Of Dimethyl Ether(Dme) As An Additive & The Injection Pressure On Bsf & Brake Thermal Efficiency of 4 Stroke C.I Engine"	International Journal Of Advance Research	(2015), Volume 3, Issue 5, 297-304 ISSN 2320-5407	As Main Author
		2	" Combine Effect Of Dimethyl Ether(Dme) As An Additive & The Injection Pressure On An Exhaust Emission Of 4 Stroke C.I Engine"	International Journal For Scientific Research & Development	Vol. 3, Issue 02, 2015 ISSN (online): 2321-0613	As Main Author
		3	Experimental Analysis of Indicated Thermal Efficiency of 4 Stroke Single Cylinder C.I Engine with blending of Mahua Oil & Diesel	International Journal of Engineering Development and Research	ISSN: 2321-9939 Volume 4 Issue 3 July 2016	As Co- Author
	4	Modification & Experimental Analysis of Motorcycle Exhaust System with Use of Exhaust Emission Reducer Material	International Journal of Advance Engineering and Research Development	e-ISSN (O): 2348- 4470 Volume 4, Issue 11, November - 2017	As Main Author	

		5	2D Simulation Studies on Use of Boundary Layer Trip for Airfoil E216	International Journal for Research in Applied Science & Engineering Technology	ISSN : 2321-9653 Volume 6, Issue III, March 2018	As Co- Author	
		6	Comparative Study of Friction & Wear behavior with different materials of Segmented Piston Ring Cylinder Liner of I.C. Engines using LRT (Linear Reciprocating Tribometer)	International Journal of Innovative Knowledge Concepts	ISSN : 2454-2415 Vol. 6, Special Issue 2, 2018 page no 143 to 151	As Co- Author	
	Papers Presented in Conferences	National	-	International	1		
	Successfully Completed & Passed Trainings/Courses/Modules	Sr. No.	Course Name	Duration of course	Organized By		
		1	AICTE – NITTT - Module-1- Orientation towards Technical Education & Curriculum Aspects.	8 weeks (Febraury - March 2020) [Marks Obtained 88/100]	NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING (NITTT)		
		2	AICTE – NITTT - Module-2- Professional Ethics Sustainability.	8 weeks (Febraury - March 2020) [Marks Obtained 85/100]			
		3	AICTE – NITTT Module 3_ Communication Skills, Modes & Knowledge Dissemination	8 weeks September - October 2021 [Marks Obtained 78/100]			
		4	AICTE – NITTT Module 4_ Instructional Planning and Delivery	8 weeks September - October 2021 [Marks Obtained 75/100]			
		5	AICTE – NITTT - Module-5- Technology Enabled Learning and Life-long Self-learning	8 weeks (Febraury - March 2020) [Marks Obtained 85/100]			
		6	AICTE – NITTT - Module-6- Student Assessment and Evaluation	8 weeks (Febraury - March 2020) [Marks Obtained 89/100]			
		7	AICTE – NITTT Module 5_	8 weeks Febraury -			

		10. One Day Workshop on Start-Up & Innovation Protothon At GDEC (24 th Nov.2017) Sponsored by GUJCOST, GIL, CED , Govt. Of Gujarat
		11. STTP on “Multi-Objective Optimization Methods for Engineering & Scientific Applications” in 26 to 30 December 2017 At IITRAM, Ahmedabad
		12. STTP on Designing of Mathematical Models in Different fields of Engineering At GDEC (19 to 23 March) 2018 Sponsored by GUJCOST
		13. STTP on Pressure vessel design, drafting & analysis with ASME BPVC section VIII, Div 1& 2 At GDEC (30 April to 4 May) 2018 Sponsored by GUJCOST
	Projects Guided	1. Modification and Experimental analysis of motorcycle exhaust system with the use of exhaust emission reducer material” 2. Friction & Wear Measurement of Piston Ring & Cylinder Liner Assembly Using Tribometer
	Books Published / IPRs/ Patents	Special Purpose Vehicle ISBN No. 9789385173707
	Professional Memberships	
	Consultancy Activities	
	Awards	

	Grants Fetched	
	Interaction with Professional Institutions	