


Name of Teaching Staff	:	Dhaval Birajdar	
Designation	:	Assistant Professor	
Department	:	Mechanical	
Date of Joining the Institution	:	09/07/2013	
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Office Contact	:		
Google Scholar Link	:	https://scholar.google.com/citations?view_op=list_works&hl=en&user=4nMrGTcA AAAJ	
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ORCID		https://orcid.org/my-orcid?orcid=0000-0002-8271-2399	
Publons Researcher ID	:	https://publons.com/researcher/4959663/dhaval-birajdar/	
Qualifications with Class / Grade	:	ME(Thermal Engineering)- Sardar Patel College of Engineering, Andheri, Mumbai , Ist Class BE (Mechanical Engineering) – Mumbai University, Ist Class	
Total Experience in Years	:	Teaching : Assistant Professor – D. J. Sanghvi College of Engineering, Mumbai, July 2013 to till date Assistant Professor –St Francis Institute of technology, Mumbai, July 2012 to June 2012	
Papers Presented in Conferences		[1] “Design of an Accumulator Container for a Formula Student Electric Race Car” in “International Conference on Intelligent Manufacturing and Automation 2020” pp. 777-789	
Area of Specialization		<u>HVAC,Power Engineering, Thermodynamics and analysis, Lean Manufacturing</u>	
Professional Memberships	:	Member of Professional Society	Life Member of Indian Society of Manufacturing Engineers (ISME) Member of Indian Society of heating,refrigerating and air conditioning engineers(ISHRAE)

Interaction with Professional Institutions	:	Guest Lectures:	Organizing committee of 3 day Webinar Series on “Emerging Frontiers of Research in Energy Systems” at DJSCE, August 2021
Subjects Taught		UG Level: Refrigeration and Airconditioning Power Engineering Engineering Thermodynamics Engineering Mechanics Heat Transfer Engineering Drawing. Thermal & Fluid Power Engineering	
Projects Guided	:	UG Level: more than 15 Some of UG guided Project Study and Design of Thermo-Acoustic Refrigerator Design and Fabrication of Pedal Operated Hacksaw Machine Design and manufacturing of a steering system for FSAE car Fabrication of Energy Generation Mechanism using Gravitational Force Design of Power Generation system using gym equipment	
Recommended Students for Higher Education		Name of the Student More than 70 students for PG studies	University/Industry Various Universities across USA, Canada & Germany
Institute/Department Responsibility handled:		<ul style="list-style-type: none"> • Department Exam Coordinator. • Exam Assessment and conduction team member of the institute. • Admission committee member. • ISHRAE faculty Coordinator. • NBA criteria 4 Coordinator at Department level 	
Pedagogy Development		E-learning video for the courses of Refrigeration & Air-conditioning, Power Engg and Thermodynamics.	