

Somaiya Vidyavihar University

Name: Prof. Atul Sudhakar Saraf			E-mail:atul.saraf@somaiya.edu		
Contact No: 9833067042					
Department/Section: Mechanical					
College: K J Somaiya College of Engineering					
DOJ Somaiya:1/7/2013		Career Experience:27Yrs		Industry Experience: Nil	
Present Academic Designation: (Assistant Professor)		Teaching Experience:_27 Yrs			
Present Administrative Designation:					
Area of research/specialization and Courses Delivered					
Research domain/interests/areas 1. Thermal and fluid science					
Courses Delivered 1. Fluid Mechanics 2. Internal Combustion Engines 3. Hydraulic Machinery 4. Mechanical Utility System 5. Energy conversion – II 6. Engineering Mechanics 7. Thermal Management of Electronics					

Recognition as a teacher by any University		UG: Yes	PG: No	Ph.D : No
Details of Recognitions 1. Recognized UG teacher by Mumbai University. 2. Recognized UG teacher by Somaiya Vidyavihar University.				

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
PG	M.Tech (CAD/CAM)	V. J. T. I	V. J. T. I	2007	67 %
UG	B.E(Mech)	Amaravati	B. N. College of Engineering	1997	63%

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	Parshvanath college of Engineering, Kasarvadli Thane (w)	Assistant Prof.	Aug 1998	Dec 2012	14
2.	K. J. Somaiya College of Engineering , Vidyavihar	Assistant Prof.	July 2013	Till date	

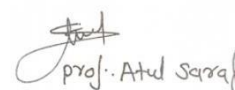
Research Accomplishments and Projects	
No of students pursuing Ph.D as on date:	No of students completed Ph.D as on date:
No of students completed PG thesis / Project work as on date:	No of students / groups completed UG projects as on date:

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Publications Total: 02	Number of Peer review Journal papers:	Number of Conference papers:
Details of Publications: International Journals <ol style="list-style-type: none"> 1. Impact of Alternative Fuels on Socio Economic Concern: Experiments, Experiences and Inferences- Journal of Engineering Education Transformations, Volume 33, January 2020, Special issue, eISSN 2394-1707. 2. Impact of experimental learning on performance of students and attainment of course and program outcome - Journal of Engineering Education Transformations, Volume 33, January 2020, Special issue, eISSN 2394-1707. 3. Analysis of Functionally Graded Blood Vessel of a Human: A Case Study using Finite Element Analysis, Internal national conference on Technologies for energy agriculture and health care 2025 at KJSSE 		
No of Research projects completed: Rs: 40,000/-	No of Research / consultancy / projects on-going: Rs:	No of Research / consultancy / projects on applied as on date: Rs:
Details of Research / consultancy / projects: Completed <ol style="list-style-type: none"> 1. Mumbai University Minor Research Proposal approved for Academic year 2018-19 “Performance analysis of vapour absorption refrigeration system using engine exhaust as a hot fluid for regenerator.” 		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered	
Attended <ol style="list-style-type: none"> 1. One week Short Term Programme ISTE Approved on “Emerging Trends in Mechanical Engineering” at Sarswati college of engineering , Khar Ghar , Navi Mumbai. 2. One week QIP Short Term Course on on “Sustainable Engineering Theory and Practices For Engineers ” at IIT Bombay. 3. One week STTP on “Advances in Fluid mechanics ” at K.J. Somaiya College of Engineering Vidyavihar Mumbai. 4. One week QIP Short Term Course on “Laboratory and Ergonomic Safety ” at IIT Bombay. 5. One week QIP Short Term Course on on “First Course in Computational Fluid Dynamics: Development, Application and Analysis” at IIT Bombay. 6. Two days workshop on “Internal Combustion Engine and Vehicle Dynamics ” at K..J. Somaiya College of Engineering Vidyavihar Mumbai. 7. Two days workshop on “4th National Level Workshop on NIRF India Rankings 2023” conducted by Institute for Academic Excellence (IAE) 8. One week STTP on “Non destructive Testing :Integrating Legacy and Emerging New Techniques ” at K.J. Somaiya College of Engineering Vidyavihar Mumbai. 8-12 July, 2024 9. One-week Short Term Programme (Online) “Sustainable Product Design and Manufacturing ” at Shri Mata Vaishno Devi University 22-27 July, 2024 10. One-week Short Term Programme (Online) “ Research in Mechanical System Design. ” at K.D.K college of Engineering , Nagpur .16- 21 Dec 2024. 	

Notable Positions and Responsibility	
1.	Associate Sport In charge


 Prof. Atul Sarraf

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Date: 08 /09/ 2025

Signature of Faculty Member