

## Somaiya Vidyavihar University

<b>Name: Prof. Atul Sudhakar Saraf</b>		<b>E-mail:atul.saraf@somaiya.edu</b>	
<b>Contact No: 9833067042</b>			
Department/Section: Mechanical			
College: K J Somaiya College of Engineering			
DOJ Somaiya:1/7/2013	Career Experience:25Yrs	Industry Experience: __ Yrs	Teaching Experience: 25 Yrs
Present Academic Designation: (Assistant Professor)		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			
<ol style="list-style-type: none"> <li>1. Recognized UG teacher by Mumbai University.</li> <li>2. Recognized UG teacher by Somaiya Vidyavihar University.</li> </ol>			

### 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:


## Somaiya Vidyavihar University

Publications Total: 02	Number of Peer review Journal papers:	Number of Conference papers:
<b>Details of Publications:</b> <b>International Journals</b> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> </ol>		
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:
<b>Details of Research / consultancy / projects:</b> <b>Completed</b> <ol style="list-style-type: none"> <li>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. ”</li> </ol>		

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

<b>Notable Positions and Responsibility</b>	
1.	Associate Sport In charge

Date: 6 /09/ 2024

  
 Signature of Faculty Member