

## BIO-DATA



1.	<b>Name</b>		SUNNY SARRAF		
2.	<b>Designation</b>		ASSISTANT PROFESSOR		
3.	<b>Residential Address</b>		KOPARKHAIRANE, NAVI MUMBAI - 400709		
4.	<b>Date of birth</b>		MARCH		
5.	<b>Total Experience</b>		9 YEARS		
	i.	<b>Teaching</b>	9 YEARS		
	ii.	<b>Industrial</b>	1 YEAR		
6.	<b>Qualifications</b>				
	<b>Exam Passed</b>	<b>Year</b>	<b>Institution/ University</b>	<b>Branch/Specialization</b>	<b>Percentage/CGPI</b>
	M - TECH	2015	VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY (VNIT), NAGPUR	MECHANICAL ENGINEERING / CAD CAM	6.8
	B – TECH	2013	BHARATH INSTITUTE OF SCIENCE & TECHNOLOGY / BHARATH UNIVERSITY, CHENNAI	MECHANICAL ENGINEERING	7.11
	H.S.C.	2009	ST. DOMNIC SAVIO'S HIGH SCHOOL, PATNA	SCIENCE	64.6%
	S.S.C.	2007	DELHI PUBLIC SCHOOL, PATNA	SCIENCE	81 %
<b>Additional Qualification:</b>					
7.	<b>Employment Record</b>				
	<b>Institution</b>	<b>Year (From To)</b>	<b>Designation</b>		
	LOKMANYA TILAK COLLEGE OF ENGINEERING, NAVI MUMBAI	JULY, 2016 TO JULY, 2020	ASSISTANT PROFESSOR		
8.	<b>Undergraduate / Postgraduate Teaching Experience and Subjects Taught</b>				
	<b>Subjects Taught at UG level</b>				
	<b>Sr.No.</b>	<b>Name of Subject</b>	<b>Semester</b>		
	1.	CAD / CAM / CAE	4 <sup>TH</sup> , 7 <sup>TH</sup>		
	2.	FINITE ELEMENT ANALYSIS	5 <sup>TH</sup> , 6 <sup>TH</sup>		
	3.	CAD MODELLING	3 <sup>RD</sup>		
	4.	HONOURS – 3D PRINTING	5 <sup>TH</sup> , 6 <sup>TH</sup> , 7 <sup>TH</sup> , 8 <sup>TH</sup>		
	5.	PRODUCT DESIGN AND DEVELOPMENT	8 <sup>TH</sup>		
	6.	PRODUCT DESIGN	3 <sup>RD</sup>		

<b>Subjects Taught at PG level</b>							
Sr.No.	Name of Subject				Semester		
1	CAD/CAM/CIM				II		
<b>9.</b>	<b>Research Experience</b>						
<b>10.</b>	<b>Research Funding / Consultancy Services:</b>						
	Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
	<b>Research Grants:</b>						
	Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project	
	<b>Technical Collaboration / Lab Funding with Industries</b>						
	Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year		
<b>11.</b>	<b>Professional Societies Fellowship / Membership - NA</b>						
<b>12.</b>	<b>Achievements / Awards / Position</b>						
	<ol style="list-style-type: none"> <li>1) QUALIFIED GATE – 2013 WITH 97.67 PERCENTILE.</li> <li>2) 1<sup>ST</sup> DAN BLACK BELT IN MARTIAL ARTS (A.I.K.F., A.I.S.S.K.F.)</li> <li>3) NATIONAL JUDGE &amp; REFEREE FOR MARTIAL ARTS(A.I.S.S.K.F.)</li> <li>4) NATIONAL LEVEL BRONZE MEDALIST IN ALL INDIA KARATE-DO FEDERATION HELD AT CHENNAI.</li> <li>5) CONDUCTED GATE CLASS IN INSTITUTE FOR THE YEAR 2016,2017, 2018, 2019.</li> <li>6) COMMITTEE MEMBER – ISHRAE JOB JUNCTION</li> <li>7) SUCCESSFULLY COMPLETED THE COURSE OF “BASIC FINITE ELEMENT ANALYSIS – I” FOR THE YEAR 2018 &amp; 2019 CONDUCUTED BY NPTEL.</li> <li>8) COMMENDABLE RESULTS IN FEA &amp; CAD/CAM/CAE.</li> <li>9) CONDUCTED SELF – DEFENCE TRAINING PROGRAM ORGANISED BY WOMEN DEVELOPMENT CELL (WDC) IN THE YEAR 2019.</li> <li>10) ORGANISED ONLINE WEBINARS AND FACULTY DEVELOPMENT PROGRAM FOR THE INSTITUTE IN THE YEAR 2020.</li> <li>11) EXCELLENT PERFORMANCE IN NPTEL-AICTE ONLINE CERTIFICATION PROGRAMME. RECEIVED “ELITE – CATEGORY” CERTIFICATE IN “METAL ADDITIVE MANUFACTURING” COURSE.</li> </ol>						
<b>13.</b>	<b>Projects guided in UG/PG level –</b>						
	<ol style="list-style-type: none"> <li>1) Development of Cuffless BP monitoring machine</li> <li>2) Lower Arm Active Prosthetic Hand Driven by Surface EMG Signals and Tactile Sensors</li> <li>3) Design and Development of Thermal brick for green building</li> </ol>						
<b>14.</b>	<b>Short Term Training Programmes attended</b>						
	<ol style="list-style-type: none"> <li>1) STTP on “Advances in Heating, Ventilation, Air-Conditioning and Refrigeration (HVAC &amp; R)” in association with ISHRAE (Mumbai Chapter) from 16<sup>th</sup> December to 21<sup>st</sup> December 2019.</li> <li>2) STTP on “Industry 4.0: Strategic &amp; Technological Perspectives for Indian Capital Goods Industries” organized by Visvesvaraya National Institute of Technology, Nagpur from 8th to 12th December 2022 in collaboration with V.R. Jamdar Siemens Centre of Excellence for Industry 4.0 &amp; Digitalization, VNIT, Nagpur and sponsored by the Ministry of Heavy Industries, GoI.</li> </ol>						
<b>15.</b>	<b>List of Journal Papers Published –</b>						
	<ol style="list-style-type: none"> <li>1) Design and Development of Customized Surgical Guide for Parkinson’s Disease, International Journal of Engineering Research &amp; Technology (IJERT) ISSN: 2278-0181 Vol. 6 Issue 01, January-2017</li> <li>2) Thermal Analysis of Circular Pin-fin with Rectangular Slot at the Center by Forced Convection, World Academy of Science, Engineering and Technology, International Journal of Mechanical and Industrial Engineering, Volume:14, No:11, 2020</li> </ol>						

<b>16.</b>	<b>List of Papers Published in National and International Conferences –</b> 1) Comparative Analysis and Fabrication of Regenerative Braking System using Matlab, 29 International Conference on Processing and Fabrication of Advanced Materials, IIT Tirupati, India
<b>17.</b>	<b>Books/Reports/General articles etc. - NA</b>
<b>18.</b>	<b>Invited Lectures in FDP/ STTP - NA</b>
<b>19.</b>	<b>International Conference Technical Program Committee Member / Reviewer - NA</b>
<b>20.</b>	<b>Patents - NA</b>