

BIO-DATA



1.	Name	Sunny Sarraf			
2.	Designation	Assistant Professor			
3.	Residential Address	Koparkhairane, Navi Mumbai - 400709			
4.	Date of birth	5 th March			
5.	Total Experience	9 Years			
i.	Teaching	9 Years			
ii.	Industrial	1 Year			
6.	Qualifications				
	Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI
	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 %
	Additional Qualification:				
7.	Employment Record				
	Institution	Year (From-To)	Designation		
	Lokmanya Tilak College of Engineering, Navi Mumbai	July, 2016 to July, 2020	Assistant Professor		
8.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught				
	Subjects Taught at UG level				
	Sr.No.	Name of Subject	Semester		
	1.	CAD / CAM / CAE	4 th , 7 th		
	2.	Finite Element Analysis	5 th , 6 th		
	3.	CAD Modelling	3 rd		
	4.	Honours – 3D Printing	5 th , 6 th , 7 th , 8 th		
	5.	Product Design And Development	8 th		
	6.	Product Design	3 rd		
	7.	EVS	4 th		
	Subjects Taught at PG level				
	Sr.No.	Name of Subject	Semester		
	1	CAD/CAM/CIM	II		
9.	Research Experience:				

10.	Research Funding / Consultancy Services:						
	Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
	Research Grants:						
	Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project	
	Technical Collaboration / Lab Funding with Industries						
	Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)		Year	
11.	Professional Societies Fellowship / Membership – <ul style="list-style-type: none">• Sr. Member – Council of Vibration Specialists• Associate Member – The Institution of Engineers						
12.	Achievements / Awards / Position <ol style="list-style-type: none">1) Qualified Gate – 2013 With 97.67 Percentile.2) 1st Dan Black Belt in Martial Arts (A.I.K.F., A.I.S.S.K.F.)3) National Judge & Referee for Martial Arts(A.I.S.S.K.F.)4) National Level Bronze Medalist in All India Karate-Do Federation Held at Chennai.5) Conducted Gate Class in Institute for The Year 2016,2017, 2018, 2019.6) Committee Member – ISHRAE Job Junction7) Successfully Completed the Course of “Basic Finite Element Analysis – I” For The Year 2018 & 2019 Conducted by NPTEL.8) Commendable Results in FEA & CAD/CAM/CAE.9) Conducted Self – Defence Training Program Organised by Women Development Cell (WDC) in the year 2019.10) Organised Online Webinars and Faculty Development Program for The Institute in The Year 2020.11) Excellent Performance in Nptel-Aicte Online Certification Programme. Received “Elite – Category” Certificate in “Computer Integrated Manufacturing” Course.12) Excellent Performance in Nptel-Aicte Online Certification Programme. Received “Elite – Category” Certificate In “Metal Additive Manufacturing” Course.						
13.	Projects guided in UG/PG level – <ol style="list-style-type: none">1) Development of Cuffless BP monitoring machine2) Lower Arm Active Prosthetic Hand Driven by Surface EMG Signals and Tactile Sensors3) Design and Development of Thermal brick for green building.4) Comparative Analysis and Fabrication of Regenerative Braking System using MATLAB5) Adjustable Prosthetics Design of Feet for the Age Group 5-10						
14.	Short Term Training Programmes attended <ol style="list-style-type: none">1) STTP on “Advances in Heating, Ventilation, Air-Conditioning and Refrigeration (HVAC & R)” in association with ISHRAE (Mumbai Chapter) from 16th December to 21st December 2019.2) STTP on “Biomedical Devices: Design & Manufacturing” form 20th to 24th June 2022 organised at National Institute of Technology Srinagar, Hazratbal, J & K, India.3) STTP on “Industrial Relevance of the Mechanical Engineering” held On 27th June to 2nd July 2022 organized by Department of Mechanical Engineering, DMCE Airoli, Navi Mumbai – 4007084) STTP on “MS Office Tools for Effective Technical Presentations” from 6th August 2022 (conducted every Saturday) organised by Department of Mechanical Engineering, FCRIT, Vashi.5) STTP on “Industry 4.0: Strategic & 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 & Digitalization, VNIT, Nagpur and sponsored by the Ministry of Heavy Industries, GoI.						

15.	List of Journal Papers Published – <ol style="list-style-type: none"> 1) Design and Development of Customized Surgical Guide for Parkinson’s Disease, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 6 Issue 01, January-2017 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
16.	List of Papers Published in National and International Conferences – <ol style="list-style-type: none"> 1) Design and Simulation of a System for Variable Bead Size Deposition in FDM, Virtual International Conference on Product Design, Development, and Deployment (PD3 - 2021) 11th & 12th September 2021 2) Comparative Analysis and Fabrication of Regenerative Braking System using MATLAB, 29th International Conference on Processing and Fabrication of Advanced Materials, IIT Tirupati, India, 6th – 8th Sept., 2023. 3) Adjustable Prosthetics Design of Feet for the Age Group 5-10, 30th International Conference on Processing of Advanced Materials and Fabrication of Products (PAMFP-2024), 11th – 13th Dec., 2024, IIT Hyderabad 4) Development of Cuffless Blood Pressure Monitoring Device, 1st International Conference on New Product Development and Smart Manufacturing (NPDSM 2024), Department of Mechanical Engineering & Centre of Excellence in Product Design and Smart Manufacturing, Maulana Azad National Institute of Technology, Bhopal -462003 (Madhya Pradesh), 19th – 20th Dec., 2024.
17.	Books/Reports/General articles etc. - NA
18.	Invited Lectures in FDP/ STTP - NA
19.	International Conference Technical Program Committee Member / Reviewer - NA
20.	Patents - NA