


**SRES', Sanjivani College of Engineering, Kopargaoon**  
(An Autonomous Institute affiliated to SPPU, Pune)

## Staff Profile

Personal Information			
<b>Name of Teaching Staff: (Dr.) Prasad M Patare</b>			
<b>Designation: Associate Professor and HoD</b>			
<b>Department : Mechanical Engineering</b>			
<b>Date of joining : 23<sup>rd</sup> August, 2004</b>			
<b>E Mail ID :</b>	<a href="mailto:patareprasadmech@sanjivani.org.in" style="color: blue; text-decoration: underline;">patareprasadmech@sanjivani.org.in</a>		
<b>Contact No:</b>	<b>(+91) 9423386703</b>		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	Mechanical Engineering	Pune University	2002
PG	Design Engineering	Pune University	2004
Ph.D.	Mechanical Engineering	SRTM University	2019
Total experience in years:			
<b>Teaching:</b>	<b>22 years</b>		
<b>Industry:</b>	<b>0.9</b>		
Research and Publication			

Research and Publication	
<b>International Journal/Conference:</b>	
1.	<i>“Intelligent Approach for Analyzing Semiconductor Band Gaps in Nanomaterial Systems”</i> , Journal of Nano- and Electronics Physics, 2025, <a href="https://doi.org/10.21272/jnep.17(4).04027" style="color: blue; text-decoration: underline;">https://doi.org/10.21272/jnep.17(4).04027</a>
2.	<i>“Optimization of Defect Detection in Atomic Materials Using Graphene Layer”</i> , Journal of Nano- and Electronics Physics, 2025, <a href="https://doi.org/10.21272/jnep.17(4).04028" style="color: blue; text-decoration: underline;">https://doi.org/10.21272/jnep.17(4).04028</a>
3.	<i>“Approach for Predicting Filtration Efficiency in Nanocomposite Membranes Using 2D Materials”</i> , Journal of Nano- and Electronics Physics, 2025, <a href="https://doi.org/10.21272/jnep.17(4).04029" style="color: blue; text-decoration: underline;">https://doi.org/10.21272/jnep.17(4).04029</a>

4. "Optimization Technique for Parameter Estimation in Solar Photovoltaic Systems Using Nanomaterials", Journal of Nano- and Electronics Physics, 2025, [https://doi.org/10.21272/jnep.17\(4\).04030](https://doi.org/10.21272/jnep.17(4).04030)
5. "Effect Of Molybdenum Disulfide and Bronze on Tribological Behaviors Of Polytetrafluoroethylene Composites", Materials Today Proceedings, 2023, <https://doi.org/10.1016/j.matpr.2023.10.118>
6. "Convolutional Neural Network Based On-Line Defect Recognition in Additive Manufacturing Using Image Processing", IEEE Xplore, 4th International Conference on Computation, Automation and Knowledge Management (ICCAKM), Dubai, United Arab Emirates, 2023, pp. 1-6, <Http://10.1109/ICCAKM58659.2023.10449655>
7. "Size-Dependent Physical Properties of Metallic Films: Analysis of Thermal and Mechanical Characteristics in the Nanoscale Regime", Journal of Nano- and Electronics Physics, 2024, [https://doi.org/10.21272/jnep.16\(3\).03014](https://doi.org/10.21272/jnep.16(3).03014)
8. "Enhancing Nanocomposite Filtration Membranes: Refined SVM Approach for Precise Estimation of Permeate Flux and Foulant Rejection", Journal of Nano- and Electronics Physics, 2024, [https://doi.org/10.21272/jnep.16\(3\).03016](https://doi.org/10.21272/jnep.16(3).03016)
9. "Nano Granular Metallic Thin Films: Unravelling Non-Linear Electrical Conduction and Resistive Switching for Neuromorphic Applications", Journal of Nano- and Electronics Physics, 2024, [https://doi.org/10.21272/jnep.16\(3\).03015](https://doi.org/10.21272/jnep.16(3).03015)
10. "Novel Approach Based Minimization of Geometric Action for Predicting Rare and Extreme Events in Non-Equilibrium Systems", Journal of Nano- and Electronic Physics, 2024, [https://doi.org/10.21272/jnep.16\(4\).04008](https://doi.org/10.21272/jnep.16(4).04008)
11. "Clustering-Based Growth Analysis of 2D Transition Metal Thin Films on Graphene Substrates via Molecular Beam Epitaxy", Journal of Nano- and Electronic Physics, 2024, [https://doi.org/10.21272/jnep.16\(4\).04005](https://doi.org/10.21272/jnep.16(4).04005)
12. "An Innovative Classification Approach for Predicting Physical Properties in Nanoparticles", Journal of Nano- and Electronics Physics, 2024, [https://doi.org/10.21272/jnep.16\(5\).05011](https://doi.org/10.21272/jnep.16(5).05011)
13. "Optimizing Data Traffic: Effective Management of Physical Processes in Networked Information Systems", Journal of Nano- and Electronics Physics, 2024, [https://doi.org/10.21272/jnep.16\(5\).05010](https://doi.org/10.21272/jnep.16(5).05010)
14. "Probabilistic fracture analysis of double edge cracked orthotropic laminated plates using the stochastic extended finite element method", Forces in Mechanics, 2024, <https://doi.org/10.1016/j.finmec.2024.100257>

15. *"Tribological Failure Analysis of Journal Bearings used in Sugar Mill"*, Material Today Proceeding (Elsevier), 2023, <https://doi.org/10.1016/j.matpr.2023.07.319>
16. *"Based on Natural Frequencies, Crack Analysis of Fixed Support Fibre Glass Composite Beam"*, Selected as Book Chapter in CRC Press Taylor and Francis, 2021-22, <https://doi.org/10.1201/9781003324539>.
17. *"Probabilistic Mixed Mode Stress Intensity Factors of Single Edge Cracked Laminated Composite Plates Using Stochastic Extended Finite Element Method"*, Selected as Book Chapter in CRC Press Taylor and Francis, 2021-22, <https://doi.org/10.1201/9781003324539>.
18. *"Optimization of Bronze Filled PTFE Composites Using GRA and Artificial Neural Network"*, Lecture Notes in Mechanical Engineering, PRIME 2021.
19. *"Optimization of Glass fiber and MoS<sub>2</sub> Filled PTFE Composites Using Non Traditional Optimization Techniques"* Material Today Proceeding (Elsevier), 2018, DOI: <https://doi.org/10.1016/j.matpr.2017.11.400>, Vol. 5, Issue 2 (2018).
20. *"Analysis of PTFE composites as Bearing Material"* in Bonfrings International Journal of Industrial Engineering and Management Science. Vol 3, No2, <http://dx.doi.org/10.9756/BIJEEMS.4406>
21. *"Dry Sliding Wear Performance Optimization of MoS<sub>2</sub> Filled PTFE Composites Using Taguchi Approach"* at Springer International Publishing Jr of Springer Nature [https://doi.org/10.1007/978-3-319-53556-2\\_91](https://doi.org/10.1007/978-3-319-53556-2_91)
22. *"Tribological Performance Analysis of Polymer Composite Using Nontraditional Optimization Technique"* National Tribology Conference "NTC-2016" at Indian Institute of Technology (Banaras Hindu University) Varanasi on 08 to 10 December 2016 organized by Tribology Society of India.
23. *"Effect of Filler Glass Fibre on the Tribological Properties of the PTFE composites"*, International Journal of Innovation Research in Science, Engineering and Technology. Vol 3 November 2014, ISSN :2319-8753, DOI :10.15680/
24. *"Wear Studies of Aluminum Zinc Alloy Metal Matrix Composites"* in International Journal of Engineering Science and Technology (IJEST) ISSN :0975-5462
25. *"Analysis of PTFE composites as Bearing Material"* on 22-24 February 2013 at SNJB Chandwad (Maharashtra) ISBN:978-81-926080-0-6.
26. *"Effect of Bronze on PTFE Composite"*, in NCSME 2014
27. *"Tribological Performance Analysis of Polymer Composite Bearing Materials"* at international Conference on Industrial Tribology (ICIT 2010) at Ranchi by Tribology Society of India on 2<sup>nd</sup>-4<sup>th</sup> December 2010.

28. *“Design & Finite Element Analysis of a 24 Feet 2 Axle Flat Bed Semitrailor Chassis”* on 15<sup>th</sup> – 17<sup>th</sup> December 2008 at SVNIT Surat (Gujrat)

29. *“Analysis of Aircraft Structure Using Ideas”* on 20<sup>th</sup> – 21<sup>st</sup> December 2008 at International Conference on Mechanical Engineering at PREC Loni (Maharashtra)

**National Conference:**

1. “Tribological Studies of Aluminium Zinc Alloy Composites using Design of Experiments (DOE)”, Proceedings of National Conference on Recent Trends in Mechanical Engg.-2013 held at GHRCOE Wagholi, Pune
2. “Wear Studies Of Aluminium Zinc Alloy Metal Matrix Composites” IJEST, ISSN: 0975-5462 Vol. 5 No.05 May 2013.
3. “Tribological Performance of Composite Polytetrafluoroethylene (PTFE) under Dry Condition” Sanjivani Vision 2012- National Conference on Emerging Trends in Engineering and Technology ISBN - 978-93- 81583-30-2.(2011-12)
4. “Effect of Bronze on Polytetrafluoroethylene and its Property Evaluation”, on 22<sup>nd</sup> March 2014 at Technosanjivani 2014
5. “Performance analysis of MoS<sub>2</sub> filled Polymer Composites”, on 22<sup>nd</sup> March 2014 at Technosanjivani 2014
6. “Productivity Improvement in Welding Robot”, on 23<sup>rd</sup> March 2013, at Recent Trends in Mechanical Engineering RTME 2013.
7. “Tribological Failure Analysis of Journal Bearings used in Sugar Mills”, on 23<sup>rd</sup> March 2013, at Recent Trends in Mechanical Engineering RTME 2013.
8. “Dry Sliding Wear Performance, optimization of MoS<sub>2</sub> filled PTFE composites using Taguchi Approach” on 23<sup>rd</sup> March 2013, at Recent Trends in Mechanical Engineering RTME 2013.
9. “Analysis of PTFE Composites as Bearing Materials” on 22<sup>nd</sup> February 2013 at International Conference of Recent Trends in Engineering and Technology.
10. “Analysis of PTFE Composites”, on 21<sup>st</sup> -22<sup>nd</sup> March 2012 at Regional Research Conference on Innovations by University of Pune.
11. *“Performance Evaluation of Hydrodynamic Bearing for Various Bearing Materials”* on 24<sup>th</sup> & 25<sup>th</sup> November 2008 at SRES COE Kopergaon.
12. *“Mathematical Model of Car Suspension System”* on 29<sup>th</sup> March 2007 at J T Mahajan College of Engg Faizpur (Maharashtra)
13. *“Performance Evaluation of Dual Fuel Engine Fueled with CNG-Diesel Combination”* on 25<sup>th</sup> & 26<sup>th</sup> November 2006 at Jaipur Engineering College, Kukas Jaipur (Rajasthan)

14. “*Analysis of Aircraft Fuselage Structure*” on 17<sup>th</sup> & 18<sup>th</sup> November 2006. At Sri Jaychamrajendra College of Engineering, Mysore (Karnataka)

15. “*FEM Analysis of Spur Gear in Contact*” on 17<sup>th</sup> & 18<sup>th</sup> November 2006. At Sri Jaychamrajendra College of Engineering, Mysore (Karnataka)

### IPRs/Patents

S N	Title of Design Patent	Patent No	Date of Issue
1	Suspension Test Analyser	388063-001	15/11/2023
2	Tricycle Rickshaw	396355-001	29/09/2023
3	Automated Brick Making Machine	401678-001	16/01/2025
4	Cargo Bicycle with Suspension Mounted on Rear Shaft	398593-001	15/10/2024
5	Foldable Cargo Bicycle	398670-001	21/02/2024
6	Grilled Trolley Cargo Bicycle	396338-001	15/02/2024
7	Three Seater Cargo Bicycle	396335-001	02/05/2024
8	Adjustable Trailer Hitch	401680-001	12/02/2024
9	Agricultural Mecha Tool	402060-001	04/03/2024
10	Hitch Set for Agricultural Tractors	404509-001	15/10/2024
11	Hammer Guard	439877-001	27/02/2025
12	The Spray Pilot	404510-001	22/03/2024
13	Solar Powered Grass Cutter	398595-001	09/05/2024
14	Grain Storage Containers	404519-001	03/05/2024
15	Pneumatic Sheet Metal Cutting Machine	404518-001	05/03/2024
16	Water Jet Based Projectile Motion Apparatus	411510-001	16/05/2024
17	Agri lift Max	411510-001	16/05/2024
18	Folding and Unfolding Type Ceiling Fan Canopy	412020-001	16/05/2024
19	Air Compressor with Air Impact Wrench Moving Stand	412491-001	06/06/2024
20	Advance Mulching Machine	415231-001	28/06/2024
21	An Automatic Sowing Machine	416243-001	12/07/2024
22	Sweet-Harvest Planter	416242-001	26/06/2024

23	Versatile Load Modulation Weight System	429376-001	28/11/2024
24	Smart Vault Grain Storage	429373-001	28/11/2024
25	Precision Braille Printer with Threaded Motion Control	428121-001	01/10/2024
26	Hitch Set for Agricultural Tractors	404509-001	15/10/2024
27	Cargo Bicycle with Suspension Mounted on Rear Shaft (EV/Non-EV)	398593-001	15/10/2024
28	Monitoring Battery Water Level Indicator for Inverter Using IoT Device	425833-001	01/10/2024
29	90-Degree Holder	436345-001	03/01/2025
30	Multifunctional E-Weeder	449025-001	05/06/2025

### STTP Attended

1. “Smart Manufacturing Xperience : Navigating the future of Industry 4.0” by ATAL FDP from 27/01/2025 to 02/02/2025.
2. “Faculty Development Program on Mastering Cloud Computing: Applications and Deployment Strategies” ATAL FDP from 23/06/2025 to 28/06/2025.
3. “Advance Artificial Intelligence Technique and Matlab Integration National Faculty Development program” at Sanjivani College of Engineering, Kopargaon from 21-10-2024 to 26-10-2024 (6 Days)
4. “Solidworks 2024 and 3D Experience, by Dassult system/IFS Academy” at Sanjiavnii College of Engineering, Kopargaon from 9th and 11 Feb 2024 (3 Days)
5. “Libre office Suit Calc”, by IIT Bombay (6 Days)
6. “Fundamental of Drone Technology in Precision Agriculture”, at CAAST/CSAWM and MPKV Rahuri (6 Days).
7. “Design of experimnts and Artificial neural network”, ATAL FDP AICTE, 01/11/2022 to 06/11/2022.
8. “Research Areas in Mechanical Engineering”, at Sanjivani CoE Kopargaon, 18/10/2022 to 23/10/2022.
9. “Alumni Leadership Program”, VAAVE BAHA Network, 01/06/2022 to 01/08/2022 (Six Week)
10. “Multi Criteria Decision Making (MCDM) Methods”, at MIT Pune,
11. “Industrial Tribology”, at Amrutvahini COE Sangamner on 15<sup>th</sup> – 19<sup>th</sup> January 2019.

12. *“Design of Experiments and Optimization Technique”*, at SRES COE Kopargaon on 1<sup>st</sup> – 5<sup>th</sup> June 2015.
13. *“IPR Issue : Patent Drafting and Processing of Patent Applications”*, at MANIT Bhopal (MP) on 14<sup>th</sup> – 18<sup>th</sup> March 2015.
14. *“Advanced Engineering Optimization Through Intelligent Techniques”* at SVNIT Surat (Gujarat) on 22<sup>nd</sup> – 26<sup>th</sup> December 2008.
15. *“FEA Training Event”* at Finite to Infinite Pune on 21<sup>st</sup> – 22<sup>nd</sup> August 2008 (Maharashtra).
16. *“Autodesk Inventor 11”* at SW Systems Pune on 23<sup>rd</sup> – 30<sup>th</sup> March 07

**Workshop Attended:**

1. *“Capacity Building workshop – Strengthening Industry Academia Collaboration”*, by GIZ and TPS World (3 Days)
2. *“Basics of Matlab and its Engineering Application”*, at PES Modern COE Pune (6 Days)
3. *“Innovative Teaching Pedagogy in the Technical Education”*, at NDMVP Nashik (6 Days)
4. *“Parametric Modeling using PTC Creo 7”*, at Sanjivani College of Engineering, Kopargaon, (6 Days)
5. *“FFT Analyzer: A tool for the Measurement and Analysis of Vibration parameters”*, at PREC Loni on 30<sup>th</sup> – 31<sup>st</sup> January 2015.
6. *“Design of Machine Elements with standard practices used in design office”* at SRES COE Kopargaon on 02<sup>nd</sup> -3<sup>rd</sup> January 2015.
7. *“Application of Neural Network, Fuzzy Logic and Genetic Algorithm”* at SRES COE on 08<sup>th</sup> -09<sup>th</sup> April 2014.
8. *“Tribological Aspects in Design”* at NDMVP COE Pune on 3<sup>rd</sup> -4<sup>th</sup> October 2013.
9. *“Recent Trends in Industrial Tribology”* at MEERS MIT Pune on 20<sup>th</sup> March 2013.
10. *“One day Syllabus Review Workshop for the Finite Element Analysis (FEM)”* on 23<sup>rd</sup> January 2012 at MKSSS Cummunis COE Pune.
11. *“Finite Element Method”* at PES Modern College of Engineering Pune on 13<sup>rd</sup> January 2012.
12. *“One day Training on for Auditing of Quality Management System as per ISO 9001:2008”* on 30<sup>th</sup> September 2011.
13. *“A Syllabus Implementation in the subject of CAD/CAM and Automation (2008 Course)”* at Dnyanganga COE Pune on 01<sup>st</sup> August 2011.
14. *“Industrial Training to Academics”* at HAL(Aircraft Div) Nasik on 18<sup>th</sup> Nov 9
15. *“Revision of Syllabi : Design Engineering”* at AIT Pune on 16<sup>th</sup> Nov 2009.
16. *“Advances in New Engineering Composite Materials”* at ACOE Sangamner (AICTE Sponsored) on 23<sup>rd</sup> – 24<sup>th</sup> September 2009.



17. *“High Impact Teaching Skills (MISSION 10X)”* by DALE CARNEGIE TRAINING & WIPRO on 11<sup>th</sup> – 15<sup>th</sup> May 2009.
18. *“CAD/CAM/CAE Applications”* at Indo German Tool Room Aurangabad on 24<sup>th</sup> February 2009.
19. *“Machine drawing & Computer Graphics & Geometric Modeling”* at PVG COE Pune on 17<sup>th</sup> January 2009.
20. *“CAM & Robotics”* at SRES COE Kopergaon on 16<sup>th</sup> – 17<sup>th</sup> March 07
21. *“Tribological Aspects in Engineering”* at Sinhgad College of Engineering Pune on 10<sup>th</sup> – 11<sup>th</sup> February 2006.

### **Event Organized**

1. Organized Alumni Reunion Sanjivani Smaran 2024 at Dubai on 12 January 2024 (68 Alumni Present).
2. Organized Alumni Reunion Sanjivani Smaran 2023 at Kopergaon on 22<sup>nd</sup> and 23<sup>rd</sup> December 2023 (800 Alumni Present).
3. Organized Alumni Reunion Sanjivani Smaran 2023 at Singapore on 20<sup>th</sup> October 2023 (24 Alumni Present).
4. Organized Alumni Reunion Sanjivani Smaran 2023 at Helsinki, Finland on 22<sup>nd</sup> October 2023 (12 Alumni Present).
5. Organized Alumni Reunion Sanjivani Smaran 2022 at Delhi on 19<sup>th</sup> November 2022 (85 Alumni Present).
6. Organized Alumni Reunion Sanjivani Smaran 2022 at Sydney Australia on 13<sup>th</sup> November 2022 (22 Alumni Present).
7. Organized Alumni Meet at Bangalore on 02<sup>nd</sup> March 2019 (61 Alumni Present).
8. Worked as Co-convener for the Two days National level workshop on “Use of Excel in Engineering Applications” on 4<sup>th</sup> March 2015.
9. Worked as Co-convener for the Two days National level workshop on “Design of Machine Elements with standard practices used in design office” on 2<sup>nd</sup> and 3<sup>rd</sup> January 2015.
10. Organized Alumni Meet at Nashik on 23<sup>rd</sup> August 2014 (52 Alumni Present).
11. Worked as Event Incharge for the Dance Competition “Discotheque” in Sanjivan-14 on 18<sup>th</sup> January 2014.
12. Organized the National Conference Sanjivani Vision 2014 On 23<sup>rd</sup> March 2014.
13. Worked as Organizing Secretary for the National Conference RTME-2013 on 25<sup>th</sup> March 2013.
14. Worked Event in-charge for the AutoCAD competition in 2007.



15. Worked Event in-charge for the AutoLISP competition in 2008.
16. Worked Event in-charge for the CADIAN competition in 2009.
17. Organized Alumni Meet at Pune on 19th June 2010 (174 Alumni Present).
18. Organized Alumni Meet at Kopargaon 23<sup>rd</sup> December 2011. (122 Alumni Present).
19. Key role in organization of workshop on "CAM & Robotics" & National conference on "Advancement in Mechanical Engg".
20. Key role in organization of Regional University Level Conference "INNOVATION 2008" ON 24<sup>th</sup>-25<sup>th</sup> Nov 2008

### **Webinars Organized**

1. "Expectations of Companies from Candidates" by Mr Pawan Patil (Electronics and Telecommunication Engg) on 16/01/2021
2. "Opportunities in Growing SaaS Industries" by Mr Prakash Nikam (Information and Technology) on 31/01/2021
3. "Cracking an Interview of a Top-Notch Company" by Ms Madhura Raul (Electronics and Telecommunication Engg) on 06/02/2021
4. "Get Ready to Sail...Be Prepared!!!" by Mr Rahul Dharankar (Mechanical Engg) On 13/02/2021
5. "What it takes to crack the GATE?" by Mr Gaurav Amrutkar (Mechanical Engg) on 20/02/2021
6. "General Finance for Students" by Mr Prasadrao Sabale (Electronics and Telecommunication Engg) on 10/04/2021
7. "How to Create Skill-Based Career Opportunities?" by Mr Dhananjay Kadam (Mechanical Engg) on 08/05/2021
8. "Try and Fail, But Don't Fail to Try " by Mr Shubham Zope (Mechanical Engg) on 09/05/2021
9. "Challenges After BE and Its Solutions" by Mr Shubham Darunte (Computer Engineering) on 15/05/2021
10. "Additive manufacturing or 3D printing" by Dr Yash Parikh (Mechanical Engg) on 28/05/2021
11. "Careers Opportunities in technical sales/ Business Development in International sales post Engineering Graduation" by Mr Shrikant.M. Gondhali (Electronics and Telecommunication Engg) on 18/09/2021
12. "Electronic product Development" by Mr Keshav Shinde (Electronics and Telecommunication Engg) on 25/09/2021

13. "Tolerance Stack up Method and its Significance in Manufacturing Industry" by Ms. Harshvardhini Gurav (Mechanical Engg) on 09/10/2021
14. "How to Crack Dream Jobs and Internship" by Mr. Amol Rokade (Information and Technology) on 12/10/2021
15. "Product Management Career and Entrepreneurship" by Ms. Priti Bakale (Electronics and Telecommunication Engg) on 12/10/2021
16. "Business & Product Management Along with Solution Designing" by Mr. Swapneel Choudhari (Electronics and Telecommunication Engg) on 16/10/2021
17. "Post Pandemic Career Opportunities" by Dr. A. G. Thakur (Mechanical Engg) on 15/12/2021
18. "Cyber Security – Do's and Dont's" by Dr. Madhuri Jawale (Computer Engineering) on 02/12/2021
19. "Opportunities in Software Testing" by Mr. Rohit Thakur (Computer Engineering) on 24/02/2022
20. "Basics of Patents" by Mr. Vivek Doulatani (Mechanical Engg) on 15/03/2022
21. "Wings and Wisdom" by Mr. Vatsal Vakharia (Mechanical Engg) on 23/04/2022

### **Research Funding**

1. Sanctioned Research Funding of Rs 90 Lakh under AICTE IDEA Lab in AY 2024-2025
2. Received funding of Rs. 1,25,000/- towards project consultancy from MASSIA (Marathwada Association of Small Scale Industries and Agriculture).
3. Received Rs. 1,50,000/- from Savitribai Phule Pune University under QIP scheme for Equipment Purchase Proposal id EQP191624001
4. Applied for the proposal of Center of Excellence of Rs. 1.75Cr from MSME Department of Government of India in Association with TATA Motors.
5. Applied for the MODROBS proposal of Rs. 20,000,00/- for the year 2019 to 2021.
6. Received funding of Rs. 5,70,000/- towards project consultancy from MASSIA and GIZ.
7. Received funding of Rs. 1,90,000/- towards project consultancy from MASSIA and GIZ.
8. Received funding of Rs. 45,000/- towards project consultancy from TATA Technology.
9. Received a BCUD Research fund of Rs. 1,50,000/- from University of Pune with letter BCUD/OSD/390 dated 27/01/2010.

### **Software Training:**

1. Math works Training on MATLAB Onramp

<ol style="list-style-type: none"> <li>Math works Training on MATLAB Fundamentals</li> <li>Math works Training on MATLAB for Data Processing and Visualization</li> <li>Math works Training on MATLAB Programming Techniques</li> <li>Math works Training on Simulink Onramp</li> <li>Math works Training on Machine Learning Onramp</li> </ol>	
<p style="text-align: center;"><b>Coursera and NPTEL Courses:</b></p> <ol style="list-style-type: none"> <li>COVID 19 Contact Tracing by Coursera John Hopkins University (8 Week)</li> <li>Python Data Structure by Coursera University of Michigan (4 Week)</li> <li>Introduction to Data Science in Python by University of Michigan-Coursera (4 Weeks)</li> <li>Exploratory Data Analysis for Machine Learning by IBM-Coursera (6 Days)</li> <li>Supervised Machine Learning: Regression by IBM-Coursera (6 Days)</li> <li>Google Analytics for Power users</li> <li>Getting started with Google Analytics 360</li> </ol>	
<b>Professional Memberships:</b>	<ul style="list-style-type: none"> <li>Life member of Tribology Society of India</li> </ul>
<p style="text-align: center;"><b>Research Profile URL</b></p>	
<b>Google Scholar</b>	<a href="https://scholar.google.com/citations?user=9Yj6UMQAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=9Yj6UMQAAAAJ&amp;hl=en&amp;oi=ao</a>
<b>Scopus</b>	<b>Scopus Author ID:</b> 57201735769 <a href="https://www.scopus.com/authid/detail.uri?authorId=57201735769">https://www.scopus.com/authid/detail.uri?authorId=57201735769</a>
<b>Orcid</b>	<a href="https://orcid.org/0000-0002-0002-0971">https://orcid.org/0000-0002-0002-0971</a>
<p style="text-align: center;"><b>Other Research Details</b></p>	
<b>Ph D Guide Give field &amp; University:</b>	<b>PhD Guide:</b> No <b>Field:</b> Mechanical Engineering
<p style="text-align: center;"><b>OTHER Professional URLs</b></p>	
<b>Personal Website</b>	<a href="https://sites.google.com/sanjivani.org.in/nmo">https://sites.google.com/sanjivani.org.in/nmo</a> <a href="https://pmpatare.wordpress.com/">https://pmpatare.wordpress.com/</a>
<b>Linked In Profile</b>	<a href="https://www.linkedin.com/in/dr-prasad-patare-6b042114">https://www.linkedin.com/in/dr-prasad-patare-6b042114</a>
<b>GitHub URL</b>	-
<b>YouTube Channel</b>	<a href="https://www.youtube.com/@drprasadpatare8873">www.youtube.com/@drprasadpatare8873</a>
<b>Other</b>	<b>Researchgate Profile</b>