

Faculty Resume



General Information:

Name VINOD BALWANTRAO TUNGIKAR
Date of Birth 01/02/1961
Permanent Postal Address House No. 1-11-251, Bajaj Nagar, Near Kabra Nagar ring road,
(with Pin Code) Taroda naka, Nanded 431 605.
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Educational Qualification:

Sr. No.	Qualification	Institution/ University	Year of passing	Subject (in brief)	% of marks obtained
01	Ph.D.	SRTM University, Nanded	2003	Mechanical Engineering	-
02	Post Graduation	IIT Kharagpur	1992	Machine Design	8.74 (out of maximum 10)
03	Graduation	Marathwada University, Aurangabad	1982	Mechanical Engineering	65.66

Academic/Teaching Experience & responsibilities: Teaching Experience – 32 Years

Sr. No.	Post held	Institution/University	Duration		Experience (In years and months)
			From (Date)	To (Date)	
01	Dean (Procurement)	SGGS Institute of Engg and Technology, Nanded	June 2018	till date	(2 Year)
02	Head of the Department: Production Engineering	SGGS Institute of Engg and Technology, Nanded	15 July 2014	11 September 2017	(3 Year 3 month)
03	Professor	SGGS Institute of Engg and Technology, Nanded	31 May 2011	till date	(9 Year & 1 month)
04	Head of the Department: Workshop	SGGS Institute of Engg and Technology, Nanded	22 June 2009	14 July 2014	(5 Year)

05	FY Admission coordinator	SGGS Institute of Engg and Technology, Nanded	2009	2012	(3 Year)
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Administrative Experience:

Sr. No.	Post	Institution/Unive rsity	Duration		Experience (In years and months)
			From	To	
(i)	Dean of the Faculties	SGGSIE&T, Nanded	June 2018	Till date	2 years 1 month
(ii)	Member of the Executive Council	-	-	-	-
(iii)	Member, of the Academic Council/Finance Committee	SGGS IE&T, Nanded (Autonomous institute)	2004	Till date	16 years
(iv)	Head of the department/Centre, etc.	a) SGGS IE&T, Nanded, Head of the Department: Production engineering	15 July 2014	11 September 2017	3 Year 3 month
		b) Head of workshop	22 June 2009	14 July 2014	5 years
(v)	Chairman, Board of studies/Departmental Research Committee, etc.	STRM University, Nanded RRC member	September 2018	Till date	1 year 10 months
(vi)	Member of the Board of Studies/Departmental Research Committee, etc	SRTMU, Nanded	25 May 1995	Till date	25 years
		University of Mumbai	September 2019	Till date	1 year
(vii)	Member of the Professional/Academic Bodies, etc	Institution of Engineers: Fellow	2009	Till date	11 Year
(viii)	Member of any International Advisory Body/Board	-	-	-	-
(ix)	Others (if any, state specifically)	International Joint Conference on Robotics, Automation and Mechatronics: Member of Technical Committee	2018	2018	1 year

Membership Details:

Sr. No.	Details
01	Fellow of Institution of Engineer (India), F1140112,
02	Life Member ISTE (LM 5528),
03	Member of IET (1100329832)

List of conferences, Short-term Courses etc. organized:

1. Organized one week short term programme, approved by ISTE, on “Applications of finite element methods in mechanical engineering” for engineering college teachers during June 5-10, 2000. Thirty two delegates participated in the course.
2. Organized one week FDP, sponsored by TEQIP-II, on “FEA and CFD for engineers” for engineering college teachers during March, 18-22, 2013. Forty six delegates participated in the course.
3. Organized two days TEQIP-II sponsored International Conference on “Advanced & Agile Manufacturing and Agile Software Development” during 6 -7 October, 2016
4. Organized one week FDP, sponsored by TEQIP-II, on “R & D in solar and wind energy” for engineering college teachers during January, 5-10, 2017. Fifty seven delegates participated in the course.
5. Conducted one day workshop on, “Assessment of CO/PO in Tier-II institutes”, at Sandip Foundation’s COE, Nashik on 29 November 2019
6. Conducted two day, TEQIP sponsored, workshop on IPR for SGGSI&T students during 10-11 August 2019
7. Conducted one day training on, “Use of GeM Portal for Procurement”, for the SRTM University Nanded officers and staff on 24 August 2020.

Subjects Taught:

Sr. No.	Title of course Taught	Under-Graduate/Post graduate
1	Machine Design	UG
2	Heat Transfer	UG
3	Metrology	UG
4	Engineering Drawing	UG
5	Strength of materials	UG
6	Advanced Machine Design	PG
7	Computer Aided Analysis	PG

Participation and contribution in relevant areas to promote and develop in higher education:

	Institution/University	Area of specialization
Visiting Professor	-	-
Resource Person	Amravati University, Pune University, Dr. BAM University Aurangabad, Nagpur University.	Finite element analysis, Composite Materials, NBA, NAAC
Other (if any specifically)	-	-

Important MoUs formulated:

Sr. No.	Name of Agencies/Department involved	Year of MoU(s)
01	V.N.I.T., Nagpur	10-06-14
02	College of Engineering, Pune	10-03-17
03	VJTI, Mumbai	08-10-13
04	Sardar Patel College Engineering (SPCE), Mumbai	10-01-14
05	Nandigram Agro	21-08-20

Scholarly achievements:

Contribution to Journals and Books	Details
(i) Editorships	02 Conference proceedings
(ii) Peer reviewer for	04 Journals

Publication:

International Paper Publications	40
International Conferences	14
National Conference	05
Total	59

A. International Paper Publications

Sr. No.	Title	Name of Journal & Medium	Date of Publication
1	Experimental performance analysis of an improved receiver for Scheffler solar concentrator	SN applied science, Springer Nature	Revision Submitted
2	Parametric Analysis of Scheffler Concentrator with Convex Receiver for Direct Steam Generation	Renewable energy technology,	Revision submitted
3	Acoustic Response of High-speed Deep Groove ball bearing by modifying the internal geometry	Proc IMechE Part K: J Multi-body Dynamics	Article in press
4	Thermal Performance Analysis of Glazed and Unglazed Receiver of Scheffler Dish	Journal of Thermal Engineering	Article in press
5	Influence of reinforcement of TiC particles on wear behavior of Al 7075/TiC composite materials	Advanced Engineering Forum	Article in press
6	Evaluation of Drying Model and Quality Analysis of Turmeric using Solar Thermal	Applied Solar Energy, Allerton Press Inc	Article in press

	System	Springer	
7	A Review on Performance Evaluation of Solar Dryer and its Material for Drying Agricultural Products	Materials Today: Proceedings	Article in press
8	Evaluation of Mechanical and Thermal properties of Epoxy Composites reinforced with CaSiO ₃ particulate fillers	Materials Today: Proceedings	Article in press
9	Thin-Layer Mathematical Modeling of Turmeric in Indirect Natural Conventional Solar Dryer	ASME Journal of Solar Energy Engineering	August 2020
10	Design and Development of Steam-Based Solar Dryer for Agricultural Products	Smart Innovation, Systems and Technologies, Springer	June 2020
11	Performance Analysis of Scheffler Solar Concentrator for Turmeric Blanching	Advanced Engineering Forum	June 2020
12	Study on tribological properties of Al-TiC composites by Taguchi method	Materials Today: Proceedings	March 2020
13	Theoretical and experimental analysis of glazed serpentine tube flat plate collector for effluent evaporation	International Journal of Renewable Energy Technology	February 2019
14	Assessment of Ergonomic Environment and Risk Factors for Musculoskeletal Disorders Among Welders in Micro Small and Medium Sized Enterprises	Industrial Engineering Journal	May 2017
15	Computational Fluid Dynamics (CFD) of Centrifugal Pump to Study the Cavitation Effect	International Journal on Theoretical and Applied Research In Mechanical Engineering	May 2015
16	Experimental verification of detection and prediction of multiple cracks by vibrations, FEM and ANN	Multidiscipline Modeling in Materials and Structures	Oct 2014
17	Improvement in Productivity of Biomedical Applications Using Finite Element Analysis: A Review	Emerging Trends in Productivity	Jan 2014
18	Enhancement in Productivity Through Topology Optimization of Outlet Box Hood Assembly	Emerging Trends in Productivity	Jan 2014
19	Activated Flux as A New Perspective to Improve the Productivity in Arc Welding: A Review	Emerging Trends in Productivity	Jan 2014
20	Thermal and electrical simulation of high voltage ceramic cap and pin disc type insulator assembly	International Journal of Computer Aided Engineering and Technology	Jan 2014
21	Coupled Field Thermoelectric Simulation of High Voltage Ceramic Cap and Pin Disc Type Insulator Assembly	International Journal of Manufacturing, Materials, And Mechanical Engineering (IJMMME)	Jan 2014
22	Coupled field finite element analysis of pin-and-cap disk type insulator assembly	International Journal of Computer Aided Engineering and Technology	Jan 2014
23	Experimental Investigations on Crack Detection Using Modal Analysis and Prediction of Properties for Multiple Cracks by Neural	Journal of The Institution of Engineers (India): Series C	Oct 2013

	Network		
24	Transient Thermal Conduction Analysis of High Voltage Cap and Pin Type Ceramic Disc Insulator Assembly	International Journal of Advanced Science and Technology	July 2013
25	Multiple cracks assessment using natural frequency measurement and prediction of crack properties by artificial neural network	International Journal of Advanced Science and Technology	May 2013
26	Simulation of structural, thermal and electrical load for high voltage ceramic cap and pin disc insulator assembly	International Journal of Manufacturing, Materials, And Mechanical Engineering (IJMMME)	Jan 2013
27	Study of behavioral pattern in wear applications composite in presence of different geometric shapes	Sastech Journal	April 2013
29	Finite Element Analysis of Dynamic Damper for CV Joint	Energy and Power Engineering	June 2012
30	Wear Predictions of Metal Matrix Composite in Presence of Greasing Material	Science Research, Energy and Power Engineering	May 2012
31	Drag Force Reduction Technique for Abrasive Resisting Materials	International Review of Mechanical Engineering (I.R.E.M.E.)	Jan 2012
32	Analysis of crack in shaft of blower using Finite Element analysis and experimental technique	International Journal of Research and Reviews in Applied Sciences	July 2011
33	A Simple finite element for non-linear analysis of composite plates	International Journal of Engineering Science and Technology	May 2011
34	Geometrical Nonlinear Analysis of Composite Structures by Zigzag Theory—A Review	AIP Conference Proceedings	Oct 2010
35	A simple higher-order theory for dynamic analysis of composite plate	Journal of Mechanical Engineering—Strojnícky Časopis	June 2010
36	Application of different environments in grinding of titanium alloys (Ti-6Al-4V): investigations on precision brazed type monolayered cubic boron nitride (CBN) grinding wheel	Journal of The Institution of Engineers (India) “Production Engineering Division”	September 2009
37	Use of zig-zag theory in finite element formulation for analysis of composite plates	Journal of The Institution of Engineers (India) “Production Engineering Division	May 2006
38	Use of a Simple Higher Order Theory for Dynamic Analysis of Composite Plates	Journal-Institution of Engineers India Part Pe Production Engineering Division	March 2004
39	Finite element modelling of transient thermal stresses in layered composites	Journal-Institution of Engineers India Part Pe Production Engineering Division	March 2004
40	Dynamic Response of Laminated Composite Plate using First Order Shear Deformation Theory	Journal-Institution of Engineers India Part Pe Production Engineering Division	September 2003

B. International Conferences

Sr. No.	Date	Title of Conference, seminar, workshop, etc.	Organizing Agency/ Institution	Title/Subject of presentation (if any made)
01	January 2000	Proceedings of Int. Conf. On IFAMS 2000, Coimbatore,	Coimbatore	Finite element modeling of temperature in rectangular composite laminate
02	October 2000	Proceedings of Int. symposium on materials ageing and life management, Kalpakkam,	Kalpakkam,	Prediction and validation of potential distribution in a galvanic cell
03	1994	Proceedings of Int. Conf. On Signals, data and system, Hyderabad	Hyderabad	Analysis of finite, rectangular composite laminate under combined loading
04	December 2006	Proceedings of the 22 nd AIMTDR conference	I.I.T. Roorkee	Finite element formulation for assessing contribution of non-linear strain terms on the analysis of laminated composite plates
05	December 2015	Proceeding of the International Conference on Advanced Agile Manufacturing Systems	KNIT, Sultanpur	Experimental study of corrugated flat plate collector (CFPC) for waste water evaporation
06	December 2015	Proceeding of the International Conference on Advanced Agile Manufacturing Systems	KNIT, Sultanpur	Some studies on parameters affecting efficiency of solar PV panel
07	December 2015	Proceeding of the International Conference on Advanced Agile Manufacturing Systems	KNIT, Sultanpur	Comparative study of Die Steel and Al-Alloy by using EDM
08	December 2016	6 th international and 27 th All India Manufacturing Technology, Design and Research Conference	College of Engineering Pune	Ergonomics Risk Factors in small and Medium Scale manufacturing
09	December 2018	International conference on Advanced Materials, Energy & Environmental Sustainability	UPES, Dehradun, Uttarakhand, India	Design, Development And Performance Evaluation of Solar Dryer For Agriculture Product And Fish: a Review
10	December 2018	International conference on Advanced Materials, Energy & Environmental Sustainability	UPES, Dehradun, Uttarakhand, India	Thermal Performance Testing of Passive Flow Receiver In a Scheffler Dish Collector System
11	November 2019	Proceedings of International Conference in	Galgotias College of Engineering	Design and Development of Steam Based Solar Dryer for Agricultural Products

		Mechanical and Energy Technology	and Technology Greater Noida, Uttar Pradesh, India	
12	February 2019	10th International Conference of Materials Processing and Characterization	GLU Mathura	Study on tribological properties of Al-TiC composites by Taguchi method
13	November 2019	International Conference on New and Renewable Energy Resources for Sustainable Future	Jaipur,	Parametric Analysis of Scheffler Concentrator with Convex Receiver for Direct Steam Generation
14	December 2019	34 th Indian Engineering Congress, Hyderabad,	The Institution of Engineers (India), Hyderabad,	Use of Concentrated Solar Power for Turmeric Blanching

C. National Conference

Sr. No.	Date	Title of Conference, seminar, workshop, etc.	Organizing Agency/ Institution	Title/Subject of presentation (if any made)
01	December 99	Proceedings of Int. Conf. On corrosion control	New Delhi	Modeling of a galvanic corrosion system
02	June 2000	Proceedings of national conference on Advanced trends in Mech. Engg. Research and Dev	Anantpur	Thermoelastic deformation analysis of sandwich composite laminate by finite element method
03	January 2002	Proceedings of 16 th national convention of production engineers	SGGS Nanded	Finite element modeling of transient thermal stresses in layered composites
04	December 2002	20 th AIMTDR conference Ranchi,	Ranchi,	Free vibration analysis of laminated composite plate by finite element technique using non-conforming elements
05	December 2004	Proceedings of the 21 st AIMTDR conference at Vellore,	Vellore	Finite element analysis of Laminated composite structures for transient thermo-elastic response

Research Projects:

Total Grants received = Rs. 1,39,12,000/-

Sr. No.	Client/Organization/Institution's	Title & Nature of project	Duration of project	Amount of grant
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	name & address			(In Rs.)
1	AICTE, New Delhi	Dynamic Analysis of Laminated plate	2 Years	7,50,000
2	AICTE, New Delhi	Establishment of EMD Cell	3 Years	6,00,000
3	AICTE, New Delhi	Non-linear analysis of composite plates and experimentation	2 Years	6,00,000
4	ICT, Mumbai	Design and fabrication of mobile blancher for turmeric processing using steam generated by solar system	1 Years	12,50,000
5	ICT, Mumbai	Solar water purification plant	1 Years	5,07,000
6	ICT, Mumbai	Development of centrifugal casting machine for metal matrix composite	1 Years	2,05,000
7	District Collectorate, Nanded	Establishment of industrial robotics training center on turn key basis	1 Years	1,00,00,000

Patent Details:

Sr. No.	Application Number	Title of Patent	Status of Patent
01	201921040162	System and method to dry turmeric using solar energy	In Examination Stage
02	201921040158	System and method to cool a cabin of the vehicle using a movable blower	In Examination Stage
03	201921034759	System and method to produce jaggery using solar energy	In Examination Stage
04	201921034761	System and method to cool a cabin of the vehicle	In Examination Stage
05	842/MUM/2014	Micro-controller based automated jig and fixture for curved surface drilling with indexing attachment	In Examination Stage
06	2025/MUM/2014	Design of equipment for gas-gas, gas-solid and gas-solid-gas reactions	Hearing Completed

Research Scholars Successfully Guided:

Completed - 07+02* = 09

Sr.No.	Name of candidate	Topic of research	Month & Year of completion of PhD
1	Mr Harkare M.G.	Thermo-structural analysis, design and fabrication of mobile blancher for turmeric	August, 2012 (Joint guidance with Prof. B.M.

		processing plant	Dabade)
2	Mr. Choudhary S.S.	Analysis of laminated plates subjected to thermo-structural loads using zig-zag theories	September, 2013
3	Mr. Gawali Shivaji S	Particle segregation and characterization of metal matrix composites	05 April 2014
4	Mr P R Baviskar	Study and failure analysis of rotor shaft in industrial fan using vibration technique	14 Feb 2015
5	Mr R D Palhade	Finite element simulation of cap and pin type ceramic disc insulator assembly under structural-thermal and electrical loads	13 June 2015
6	Mr. Uday V. Aswalekar	Studies on Safety Management and Ergonomics : A System Approach	22 June 2018
7	Mr. D.C.Sonawane	Use of Solar Energy for Effluent Treatment in Process Industry	02/07/2019
8	Mr. E S Agrawal	Manufacturing and Characterization of composite materials	* Synopsis Submitted
9	Mr. D S Malwad	Performance Evaluation and Integration of Solar Thermal Systems	* Synopsis Submitted

Ongoing Research Scholar:

Sr. No.	Name of candidate	Topic of research	Status
1	Ramdas Babusingh Patthe	Design Analysis & Fabrication Of Compound Parabolic Collector (CPC) For Steam Based Application	On Going
2	Deepak Ravindra Borse	Noise Control and Dynamic Life Improvement Of Rolling Bearing	On Going
3	Anuja Hanmant Karle	Processing, Characterization of Particulate Filled Epoxy Based Composite for Wear Applications	On Going
4	Masnaji Rajaram Nukulwar	Design and Performance Evaluation of Solar Dryer for Agricultural Products	On Going
5	Jagdish Babusing Pawar	Use of Nano Fluid in Solar Energy Storage System	On Going

Master's Thesis Guided

Sr.no.	Name of candidate	Area/Title of project	Year	Remark
1.	P.P. Reddy	FEA of cylindrical geometry parts	1998	Done at BHEL

				Hyderabad
2.	S.G. Mantri	Gear box design	1999	Co guided by SR Kajale
3.	Manish Pawade	Steady state and transient thermal Analysis of plates	1999	Co guided by SR Kajale
4.	Salodkar Sandeep	Analysis of composites	2001	
5.	Deepak Bari	Finite element analysis of composites: NC elements	2001	
6.	Durga Rao	Finite element analysis of composites: dynamic ana.	2002	
7.	Kotwal C.S.	Simulation of frame bending process using MSC.Dytran	2002	Project at VIP Ind. Nashik
8.	S.A. Ghadge	Design & FEA of dual plate check valve	2002	Project at NECO valves Nagpur
9.	RD Chaudhari	Thermo-elastic analysis of composites	2003	
10.	Santosh Sonar	Modeling, analysis and fabrication of 2 stroke IC engine crank case for aircraft application.	2003	Project at VRDE Nagar.
11.	P.V. Bahadure	A CAD tool for solution of numerical methods	2003	Project at Techno CAD Nanded
12.	P W Khadse	Analysis of plates using zig zag theory	2004	
13.	S.S. Shanischar	Design & analysis of a distributor for pelton turbine	2004	Project at BHEL Bhopal
14.	C R Deshmukh	Analysis of sandwich paltes	2005	Project at DRDO Pune
15.	J.P. Hothi	Non-linear analysis of composite plates	2005	
16.	Dadge T.S.	Design, fabrication & performance evaluation of portable wind mill	2005	Co guided by S.B. Sharma
17.	Hanumant Shinde	Fatigue of composites	2006	Project at FEAST, Mumbai.
18.	Khillare U.G.	Analysis of 4 cyl. Engine crankshaft	2006	Co guided by L.N. Wankhade
19.	R.K. Shukla	CFD of fluid flow in pumps	2007	
20.	A.P. Nitnaware	Modeling of coal combustion in a burner	2008	Project at Mech. Well Ind. Nashik.
21.	Khillare S.K.	Analysis of disc-o-flex coupling	2008	Project at Infinite solutions, Pune
22.	Marlapalle B.G.	Software development for wire frame to solid model	2008	Co guided by R.P. Parvekar
23.	Yerrawar R.N.	Analysis & development of dynamic damper	2008	Co guided by N.M. Khandre
24.	Ms. Nagdeve Vijaya	Strain based analysis and design of bellows	2009	
25.	Mr. Chaudhari M.	Optimization of seat back for rear impact	2009	
26.	Mr. M.P. Jaju	Effect of weld and prebend angle	July	Project

		on limit strains during hydroforming	2010	completed at IIT Mumbai, Metallurgy dept.
27.	Mr. Ishwar G. Randad	Prediction of weld line movement and its control during deep drawing of TWB	July 2010	Project completed at IIT Mumbai, Metallurgy dept.
28.	Gunwant G Mahajan	FEA of composite laminated plate subjected to thermal loading using higher order theory	July 2010	
29.	N.D. Dudhmal	Design and analysis of composite drive shaft	July 2010	Co guided by R.P. Parvekar
30	S.C. Potpelwar	Design and analysis of an automotive bumper beam in low speed frontal crashes	July 2011	
31	R.S. Sundge	Dynamic analysis of sports equipment using finite element : A case study using tennis racket	July 2011	
32	P.M. Salve	Experimental analysis of laminated composite plates subjected to mechanical loading	July 2011	
33	Atul Rajendra Patil	Design and Development of shell and Tube heat exchanger by using CFD	July 2012	Project at Mechwell Ind. Nashik
34	Shrinivas Gangadharrao Sonune	Study the effect of activating fluxes on GMAW and GTAW process for 8 mm thick AISI 304 ASS	July 2012	Project at IPR Gandhinagar, Gujrat
35	Santosh S Swami	Design modification and FE analysis of pipe clamp assembly	July 2012	
36	Rahul Bhaskarrao Gunale	Implementation of PLM in Apollo Tube Manufacturer	July 2012	Project at Apollo Tyres, Ranjangaon
37	Abhijit A. Bangale	A real estate management information system	July 2012	
38	Jadhav Nilesh L	Creation of custom forms in Teamcentre using service oriented architecture	July 2013	
39	Sundge Roshani S.	A procedure for exporting items with the help of custom toolbar using RAC in teamcentre	July 2013	
40	Thote Abhijit B	Thermal analysis of SiC/SiC composites for fusion reactor application	July 2013	
41	Gaurkar Chaitanya V	Structural analysis and optimization of straight arm of rotational molding machine	July 2013	Project at Vinodrai engg. Pvt. Ltd. MIDC, Jalna
42	Mr. Patthe Ramdas	Determination of Fracture Parameter for a Crack in plates under Model loading using Finite Element Analysis	July 2014	
43	Ms. Naphade Jayashri	Computer Aided Analysis and Experimental validation to	July 2014	

		investigate the optimum deformation in Laminated Composite plats”		
44	Mr. Kulkarni Pratik	Prediction and validation of interface friction in sheet metal forming using Bending under Tension Test	July 2014	Project at IIT Bombay
45	Mr. Swapnil Dhengle (PLM)	Customization of Creo-elements to reduce design cycle time by protookit approach”	July 2014	Project at Pune
46	Ms. Kalbhor Pooja (PLM)	Business Automation Process in Automotive Product Development Submitted in partial fulfilment of the requirements for the awards of Master of Technology in Mechanical Engineering with specialization in Product Lifecycle Management	July 2014	Project at Chennai
47	Mr Sandip Gokulrao Patil (PLM)	Utilization & Usage monitoring of safety critical aircraft components to increase aircraft safety	July 2015	Project at Siemens industry software (India) pvt ltd, MIDC Hinjwadi, Pune
48	Ms Magre Manisha Trimbakrao (CAD/CAM)	Experimental study on parameters affecting efficiency of solar photo voltaic panel	July 2015	
49	Fatnaik Prathmesh Pradip (CAD/CAM)	Investigation of erosion of electrical contacts in arcing phenomenon of switching devises with mathematical model and validation with experimental test	July 2015	L & T, electrical and automation, Powai, Mumbai
50	Gayakwad Shital Manikrao	Study of methodology for frequency tuning and assessment of tuning range using water cooling circuit for operational duty factor up to 10% for 325 MHz RFQ structure	July 2015	RRCAT, Indore
51	Khedkar Shrikant Dilip (PLM)	Multi plant implementation of change management with custom workflow using Teamcenter unified	July 2016	Tata Motors Ltd. Pune
52	Ms. Jambhulkar Priyanka A.(PLM)	Data base modeling and user interface development for value engineering change proposal	July 2016	Nibana solutions Pvt. Ltd. Chennai
53	Ms. Shendkar Rutuja R. (CAD-CAM)	Correlation of frequency response functions testing and simulation results of a vertical axis washer by damping estimation	July 2016	Whirl pool India Ltd. Pune
54	Mr. Nalwade Amit R.	Productivity improvement by implementing lean manufacturing tools and techniques	July 2016	GE India industrial Pvt.Ltd. Chakan, Pune
55	Ms. Pansare Sheetal R.	Weight reduction of injection molded plastic pallet	July 2016	IIT, Mumbai

56	Mr.Kute Aniket B	Numerical analysis and optimization of heat exchangers	Aug 2017	Thermax R&D division Pune
57	Mr. Abhishek V Kala	Numerical analysis of deep drawing process and optimizations of process parameters	Aug 2017	In house
58	Mr. Jaydev M Visave	Design optimization of ventilation system in Diesel engine power house by CFD	Aug 2017	Man Diesel and Turbo India Pvt. Ltd Aurangabad
59	Mr. Harish R Suryawanshi	Numerical study of the arc behavior during the contact opening process for low voltage switching devices using dynamic mesh methodology	Aug 2017	L&T Powai, Mumbai
60	Mr. Akshay S Holkar	Automation of Braze frame design	Aug 2018	Mahle Behr (I) Pvt Ltd Pune
61	Mr. Sagar Thombre	300 MW CFBC reheat boiler structure optimization using STADD Pro V8i	Aug 2018	Thyssen Krupp (I) Ltd Pune
62	Mr. Akash R Salve	Role of reflector material in performance of compound parabolic concentration	Aug 2018	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded
63	Mr. Mahesh C Jadhav	DFX- Design for Xcellence	Aug 2018	L&T TS Vadodara
64	Mr. Swapnil Jawale	PLM Implementation in Automotive Industry-A case study	Aug 2018	KPIT Pune
65	Mr. Govind R Sharma	Automating upgradation of Teamcenter to version 11.x for implementing AWC 3.x and Teamcenter user inactivation	Aug 2018	KPIT Pune
66	Mr. Imran Hasan Ahmad Hassan	Design and Performance analysis of Solar dryer	Aug 2019	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded
67	Ms.Jaybhaye Komal B	Drawing Assistant tool	Aug 2019	L&T TS Vadodara
68	Mr. Pravin Chavhan	Graphical Report Generation for Industrial Data Using PLM Teamcentre	Aug 2019	Proguner Technologies
69	Mr. Ratiesh Hartikar	Experimental and Numerical Study of Receiver for Scheffler Dish reflector	Aug 2019	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded
70	Mr. Magniraj Shreyas S	Automation in support services through Chatbot customized with PLM Tool	Aug 2019	TCS Pune