Name of Teaching Staff	:	Dr. Ashok Pandarinath Tadamalle
Designation	:	Professor
Department	:	Mechanical Engineering Department
Date of Joining the Institution	:	15.01.2025
Email ID	:	Ashok.Tadamalle@djsce.ac.in; aptadamalle@gmail.com
Office Contact	:	Mob: 9422785300 +91 2242335010 Ext. No. 115010
Google Scholar Link	:	https://scholar.google.com/citations?hl=en&user=wikhx2AAAAAJ
Scopus		https://www.scopus.com/authid/detail.uri?authorId=57190963499
Researchgate Link:		https://www.researchgate.net/profile/Ashok-Tadamalle/publications? sorting=recentlyAdded&editMode=1
ORCID		https://orcid.org/my-orcid?orcid=0000-0001-7120-7883
Publons Researcher ID	:	https://www.webofscience.com/wos/author/record/ABC-2989-2021

Qualifications with Class / Grade :

Sr. No.	Degree	College/University	Year of Passing	Course	Percentage
1	Ph D	JNT University, Hyderabad	2017	Mechanical Engineering	
2	ME (Mech)	SGGSCOE&T Nanded, SRTMU Nanded	2005	Mechanical-CAD/CAM	67.00
3	BE (Mech)	Malnad College of EngineeringMysore University	1991	Mechanical	68.89
4	HSC Science	B V Bhoomareddy College, Bidar/ Bangalore Board	1987	Science	53.83
5	SSC	Govt High School Vadgaon, Banganlore Board	1984	--	60.60

Total Experience in Years : 31

Sr. No.	Position & Institute	From - To	Total Y (M)	University Approval Reference Number
1	Associate Professor, Sinhgad College of Engineering, Pune	7th July 2011- Till Today	06(06)	UG-Ref. No:CCO/704 dated 23.3.2018 PG-Ref. No.:BUTR/ Engg/ 97/612 (2016-retirement)
2	Assistant Professor, Sinhgad College of Engineering, Pune	24th July, 2008 - 6th July, 2011	03(00)	UG- Ref. No.:CCO/253 (2009-2016) UG- Ref. No.:CCO/688 (2008-2009) PG-Ref. No.:BUTR/Engg/ 1801-104 (2011-2016)
3	Selection Grade Lecturer, Sinhgad College of Engineering, Pune	24th July, 2007 - 23rd July, 2008	01(00)	UG- Ref. No.:CCO/551 (2007)
4	Lecturer, Sinhgad College of Engineering, Pune	6th July, 2007 - 23rd July, 2007	01(00)	UG- Ref. No.:CCO/551 (2007)
5	Lecturer, Genba Sopanrao Moze COE, Pune	1st Aug, 2005 - 5th July, 2006	00(11)	UG- Ref. No.:CCO/2621 (2005)
6	Lecturer, shyamlal college of Engg, Loni, Udgir	5th May, 1999 - 15th May, 2005	06(01)	UG- Ref.No.:Acad/App /96-97/1142/23 (15/5/1999)
7	Lecturer, Maharastra College of Engg, Nilanga, Latur	18th Sep,1993 - 15th May,1999	05(05)	UG- Ref.No.:Acad/App /96-97/1142/23 (25/2/1997)
8	Lecturer, Rural college of Engg, Bhalki, Bidar	23rd Nov,1992 - 31st May, 1993	00(07)	adhoc

Papers Published in Journal: 55

1. Tadamalle A P, Reddy Y P, Biradar A K, et al. Mathematical model for estimation of strength and weld bead geometry of dissimilar metal laser welds, International Journal on Interactive Design and Manufacturing (IJIDeM), 1-14 (2024).

2. Tadamalle A P, Katikar R S, Gandhare B S, Biradar A K, Kadam P G. Selection, optimization and analysis of core and face material for wind turbine composite blade, International Journal on Interactive Design and Manufacturing (IJIDeM), 1-11 (2024).

3. Deshpande R S, Tadamalle A P, et al. Engine Performance and Emission Evaluation of Gasoline-Ethanol Fuel Blend in SI Engines Under Various Conditions of Load and Speed, PGKSST Journal of Mines, Metals and Fuels, 72 (8), 803-813 (2024).

4. Deshpande R S, Tadamalle A P, et al. Performance and Emission Evaluation of Gasoline-Methanol Fuel Blend at Different Conditions in SI Engine, PGKSST Journal of Mines, Metals and Fuels, 72 (7), 687-697 (2024).

5. Tadamalle A P, Katikar R S, Gandhare B S, Biradar A K. Lean Layout Implementation at Fabrication Plant, Journal of Harbin Engineering University, 45 (5), 140-149 (2024).

6. Deshpande R S, Tadamalle A P, Thipse S S. Experimental Analysis of Gasoline-Ethanol-Methanol Blend at Various Conditions in Engine, Journal of Mines, Metals & Fuels, 71 (11), 1-7 (2023).

7. Biradar A K, Virkunwar A K, Tadamalle A P Katikar R S, Kadam P G, Mathematical model for dissimilar metals spot welds using RSM, Journal of Emerging Technologies and Innovative research, 6(4), 540-551(2019)

8. Katikar R S, Tadamalle A P, et al., Work place efficiency improvement by adopting 5S practices for SMEs, Journal of Emerging Technologies and Innovative research, 6(3), 217-226(2019)

9. Tadamalle A P , Biradar A K, et al, Design and Analysis of Feed water storage Tank, Journal of Emerging Technologies and Innovative research, 6(1), 664-683 (2019)

10. Kale A, Tadamalle A P. Analysis and Optimization of Lower Control Arm, Evolutions in Mechanical Engineering, 1 (1), 1-6 (2017).

11. Yende S V, Burande D H, Tadamalle A P. Topology Optimization of Lower Control Arm for LMV, International Journal of Engineering Research and Technology, 8 (7), 829-834 (2021).

12. Musale J M, Tadamalle A P. Review of Real-Time Temperature Measurement for Process Monitoring of Laser Conduction Welding, Engineering Science and Technology: An Int. Journal, 2(5), 946-950.

13. Tadamalle A P, Londhe M G, Hande A A. Analysis of Anti-Blast Valve Cup to Sustain High-Pressure Blast Waves, Journal of China University of Mining and Technology, 135-141 (2024).

14. V., S., Vedpathak, A., P., Tadamalle, D., H., Burande, "Evaluation of Deep Drawing Force in Sheet Metal Forming," International Journal of Engineering Research and Technology, 8(7), 854-859.

15. Tadamalle, A. P., Reddy, Y. P., Ramjee, E., Reddy, V. K.,"Evalvation of Distortion and Residual Stresses in Laser Weld Dissimilar Metal Weld Joints," Lasers in manufacturing and materials processing, 6, 374-386, ISSN 0268-3768. (2019)

16. Tadamalle, A. P., Reddy, Y. P., Ramjee, E., Reddy, V. K., "Characterization of Fully and Partially Penetrated Nd: YAG Laser Weld Dissimilar Joints," Journal of Mechanical Science and Technology, Springer, 32(2), 1-7. (2018)

17. Tadamalle, A. P., Reddy, Y. P., "Fatigue Life Prediction of Dissimilar Metal Laser Weld Joints," Journal of The Institution of Engineers (India): Series C, 101, 1027-1033 (2020).

18. Dadas, K. N., Tadamalle, A. P., et al., "Design and Analysis of Multi-Port Fuel Injection CNG Engine Manifold System," International Research Journal of Engineering and Technology (IRJET), 6(7), 1428-1433.

19. Tadamalle, A. P., Reddy, Y. P., Ramjee, E., Reddy, V. K., "Fuzzy Genetic Optimization of Dissimilar Metal Weld Joints," ELK Asia Pacific Journal, 1-9. (2017)

20. Tadamalle, A. P., Reddy, Y. P., Ramjee, E., Reddy, V. K., "Characterization of Stainless Steel and Galvanized Iron 0.5 mm Thick Laser Weld Joints," International Journal of Advanced Manufacturing Technology, Springer, 90(1), 383–395. ISSN 0268-3768. DOI: 10.1007/s00170-016-9364-z. (2016)

21. Tadamalle, A. P., Reddy, Y. P., Kapatkar, V. N., "Analysis of Nd:YAG Laser Weld Thin Sheets of 304L and Galvanized Iron," Journal of Mineral and Material Science (JMMS), 2(1), 1-5.

22. Tadamalle, A. P., Reddy, Y. P., Ramjee, E., Reddy, K. V. K., "Influence of Welding Speed on Melting Efficiency of Nd: YAG Laser Welding," International Journal of Advances in Production Engineering and Management, 9(3), 128-138. ISSN 1854-6250. (2014)

23. Tadamalle, A. P., Reddy, Y. P., Ramjee, E., Reddy, V. K., "Evaluation of Nd: YAG Laser Welding Efficiencies for 304L Stainless Steel," Procedia Material Science, Elsevier, 6, 1731–1739. DOI: 10.1016/j.mspro.2014.07.160. (2014)

24. Tadamalle, A. P., Reddy, Y. P., Ramjee, E., (2013) "Influence of Laser Welding Process Parameters on Weld Pool Geometry and Duty Cycle," Int.l Journal of Advances in Production Engineering and Management, 8(1), 52-60. ISSN 1854-6250. DOI: 10.14743/apem2013.1.153.

25. R. V. Patil, J. U. Marathe, Tadamalle A. P., Y. P. Reddy, "Optimization of Tractor Trolley Chassis By Using Orthogonal Array Method," Materials Today: Proceedings, 4(8), 2214-7853 (2017).

26. R. V. Patil, P. R. Lande, Tadamalle A. P., Y. P. Reddy, "Determination of Impact Absorbing Capacity and Toughness of Aluminum Honeycomb Sandwich Panel in Bumper," Materials Today: Proceedings, 4(8), 8816-8826 (2017).

27. Tadamalle A. P., Reddy Y. P., Kapatkar V. N., "Analysis of Nd:YAG Laser Weld Thin Sheets of 304L and Galvanized Iron," Journal of Mineral and Material Science (JMMS), 2(1), 1-5 (2021).

28. Ghule H. V., Tadamalle A. P., "Fatigue Behavior of Dissimilar Metal Laser Spot Lap Weld Joints," International Journal of Engineering Research & Technology, 8(6), 1-6 (2019).

29. Haram J. H., Tadamalle A. P., "Design of a Test Rig for Experimental Evaluation of Tyre Wear in Dry and Wet Test," International Journal of Engineering Research & Technology, 8(9), 1-6 (2019).

30. Ghule H. V., Tadamalle A. P., Jadhav T. A., "Fatigue Behavior of Dissimilar Metal Laser Spot Lap Weld Joints," International Journal of Recent Technology and Engineering, 1(2), 1-6 (2019).

31. Akash Salokhe, Tadamalle A. P., "Design, Development, and Testing of CFRC Tie Rod," International Research Journal of Engineering and Technology (IRJET), 6(8) (2019).

32. Dadas K. N., Tadamalle A. P., Tipse S. S., Kavthekar K. P., "Performance Analysis of Heavy Duty SPFI CNG Engine Manifold System," International Journal of Engineering Research and Technology, 8(6), 1238-1243 (2019).

33. Kambale D. A., Tadamalle A. P., "Analysis of Low Loader Chassis, Its Prototyping, Testing, and Design Modification for Weight Reduction," Journal of Emerging Technologies and Innovative Research, 6(2), 337-341 (2019).

34. Biradar A. K., Virkunwar K., Tadamalle A. P., et al., "Mathematical Model for Dissimilar Metal Spot Welds Using RSM," (2019).

35. Tonpe M. H., Burande D. H., Tadamalle A. P., "Aerodynamic Drag Force Analysis for Light Commercial Vehicle," International Journal of Engineering and Advanced Technology, 1(2), 1-6 (2018).

36. Padmashali B., Tadamalle A. P., "Prediction of Residual Stresses in Laser Welding Process Using Different Heat Source Models," International Engineering Research Journal, 1-7 (2017).

37. Konappanavar S. S., Tadamalle A. P., "Strength Optimization and Thermo-Mechanical Modeling of Dissimilar Weld Joint," International Engineering Research Journal, 3(3), 1145-1149 (2016).

38. Salunke P. M., Tadamalle A. P., "Switched Reluctance Motor Application to Conveyor Belt System," International Journal in Advances in Mechanical Sciences and Technology, 3(1), 207-216 (2016).

39. Afzal M. K., Tadamalle A. P., "Design and Development of a Regenerative Shock Absorber," International Journal of Innovations in Engineering Research and Technology, 3(2), 1-7 (2016).

40. Sherke R. D., Tadamalle A. P., "Transverse Link FEA Analysis under Static and Dynamic Loading Conditions," International Journal of Current Engineering and Technology, Special Issue, 1-6 (2016).

41. Parasnis N., Tadamalle A. P., "Automatic Solar Tracking System," International Journal of Innovations in Engineering Research and Technology, 1(1), 1-10 (2016).

42. Vispute S. V., Tadamalle A. P., Bijwe V. B., "NVH Characterization of Composite Material for Commercial Vehicle Frame Components," International Engineering Research Journal (IERJ), 1(2), 601-616 (2016).

43. Vispute S., Tadamalle A. P., "NVH Characterization of Composite Material for Commercial Vehicle Frame Components," International Journal of Engineering and Management Research, 5(5), 22-27 (2016).

44. Purkar G. V., Tadamalle A. P., "Design and Development of Spherical Robot Used for Measurement of Humidity in Agricultural Field," International Engineering Research Journal (IERJ), Special Issue, 2(2), 75-79 (2016).

45. Afzal K. M., Tadamalle A. P., "Structural and Performance Characteristics of a Vibrational Energy Harvester," International Journal in Advances in Mechanical Sciences and Technology, 3(1), 52-58 (2016).

46. Kulkarni R. B., Reddy Y. P., Tadamalle A. P., "Finite Element Analysis of Nozzle Forming Process in a Circular Header," International Journal of Advanced Mechanical Engineering, 4(1), 17-25 (2014). ISSN 2250-3234.

47. Parit A., Tadamalle A. P., Ramaswamy, "Failure Investigation of Secondary Super Heater Using CFD/CAE Techniques," International Journal of Engineering Research & Technology, 2(10), (2013). ISSN (Online): 2278-0181.

48. Bhujbal V. D., Tadamalle A. P., "Optimization of Laser Welding Process by Fuzzy Logic Technique," International Journal of Engineering Science and Innovative Technology (IJESIT), 2(4), 211-227 (July 2013). ISSN: 2319-5967.

49. Joshi G. S., Tadamalle A. P., "A Stereo Correspondence Cost Function for FPGA," International Journal of Emerging Technology and Advanced Engineering, 3(2), 455-459 (Feb 2013). ISSN 2250-2459.

50. Joshi M. L., Tadamalle A. P., "Vibration Control of Flexible Link Manipulator by Using Various Control Schemes," Interdisciplinary Research and Development in Management & Social Sciences, 1-5 (2012).

51. Joshi G. S., Tadamalle A. P., "A Stereo Correspondence Cost Function for FPGA," International Journal of Emerging Technology and Advanced Engineering, 3 (2012).

52. Bhujbal V. D., Tadamalle A. P., "The Use of Fuzzy Logic Technique to Optimize Gas Metal Arc Welding Process," International Research Symposium on Management, Technology, and Engineering Studies & Research, 1-4 (2012).

53. Patil R., Tadamalle A. P., Awasare P. J., "Real-Time Diagnosis of Depth of Penetration in Laser Beam Welding Process: Review," P@gopalax - International Journal of Technology and Engineering System (IJTES), 2(2), 129-132 (Jan-March 2011).

54. Advant A. V., Tadamalle A. P., "Abstronics System with Automatic Control," International Journal of Electrical and Electronics Engineering Research, 1(1), 28-40 (2011).

55. Musale J., Tadamalle A. P., "Review of Real-Time Temperature Measurement for Process Monitoring of Laser Conduction Welding," International Journal of ESTIJ, 1-5 (2011)

Papers Presented in Conferences	17	1. Tadamalle A. P., Thigale P. P., Ingle P. N., et al. (2024). Design and Fabrication of Leaf Spring Fatigue Testing Machine. FTCME 2024(Journal of Advancement in Machines), 16-21. 2. Tadamalle A. P., Suryawanshi Y., Gurule A., et al. (2024). Design and Development of a PLC-Based Component Cleaning Station. Journal of Recent Trends in Mechanics, 9-14. 3. Tadamalle A. P., Reddy Y. P., Ramjee E., Reddy V. K. (2014). Characterization and Optimization of Nd: YAG Laser Weld Joints of Dissimilar Metals. 5th International & 26th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2014), Dec 12-14, IIT Guwahati, India, pp. 80:1-7. 4. Tadamalle A. P., Reddy Y. P., Ramjee E., Reddy V. K. (2014). Estimation of Weld Pool Geometry and Cooling Rate in Laser Welding. 5th International & 26th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2014), Dec 12-14, IIT Guwahati, India, 211:1-7. 5. Tadamalle A. P., Reddy Y. P., Ramjee E., Reddy V. K. (2014). Determination of the Optimum Parameters for Laser Welding of 0.5 mm Thick Dissimilar Metals. International Symposium on Aspects of Mechanical Engineering and Technology for Industry (AMETI 2014), Itanagar, Arunachal Pradesh, Dec 7-8, pp. 299-305. 6. Parit A., Tadamalle A. P., Vasantha Ramaswamy. (2014). Prediction of Temperature Distribution and Thermal Stress in Secondary Super Heater Tubes. 5th International & 26th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2014), Dec 12-14, IIT Guwahati, India, pp. 1-6 7. Joshi G. S., Tadamalle A. P., Reddy Y. P. (2014). Analysis, Modeling, and Optimization of Diode-Laser Welding Process Parameters for Dissimilar Metals. International Symposium on Aspects of Mechanical Engineering and Technology for Industry (AMETI 2014), Guwahati, Assam, Dec 6-8, pp. 315-320. 8. Munde D., Tadamalle A. P., Kulkarni S. A. (2014). PLC-Based PID Liquid Level Controller. International Symposium on Aspects of Mechanical Engineering and Technology for Industry (AMETI 2014), Guwahati, Assam, Dec 6-8, pp. 320-326. 9. Parit A. N., Tadamalle A. P., Ramaswamy V. (2014). Thermal Stress and Creep Analysis of Failed Tube of Secondary Super Heater. 5th International & 26th All India Manufacturing Technology, Design and Manufacturing Conference, IIT Guwahati, India. 10. Tadamalle A. P., Reddy Y. P., Ramjee E. (2013). Optimization of Nd: YAG Laser Welding Process Parameters for Dissimilar Metals. 7th Asia Pacific IIW-International Congress (IIW 2013), July 7-8, Singapore, pp. 587-862. 11. Tadamalle A. P., Rajesh Patil, P. J. Awasare. (2011). Estimation of Depth of Penetration in Laser Beam Welding Process. Proceedings of the

International Conference on Sunrise Technologies (SSVPS-ICOST-2011), Jan 13-15, pp. 458-462.

12. Tadamalle A. P. (2010). Size Effects and Multiscale Modeling in Manufacturing. Proceedings of the 4th International Conference on Advances in Mechanical Engineering, SVNIT Surat, September, pp. 249-253.

13. Tadamalle A. P., Gulgulia J. S. (2010). Micro Product Design and Development. Proceedings of the National Conference on ATME-10, PVPIT Budhgaon, pp. 52-56.

14. Tadamalle A. P., Nandedkar V. M. (2001). Software for Selection of Benchmarked Formability Tests. Proceedings of the International Conference on Intelligent Flexible Autonomous Manufacturing Systems, CIT Coimbatore, May 14-15, pp. 251-257.

15. Nilay Chakraborty, Tadamalle A. P. (2001). Modeling and Simulation of Hemispherical Punch Stretching to Determine Forming Limit. Proceedings of the National Conference on Computer Integrated Design and Manufacturing, AIT Coimbatore, May 14-15, pp. 249-253.

16. Tadamalle A. P., Nandedkar V. M. (1999). Total Quality Management Benchmarking. Proceedings of the International Conference on Operations Management for Global Economy Challenges and Prospects, IIT New Delhi, Dec 21-24, pp. 236-241.

17. Parit A. N., Tadamalle A. P., Ramaswamy V. (2014). Thermal Stress and Creep Analysis of Failed Tube of Secondary Super Heater. 5th *International* & 26th All India Manufacturing Technology, Design and Manufacturing Conference, IIT Guwahati, India.

Training Programmes / Seminars /Orientations/ Refresher Courses/ Workshops Attended

Sr. No.	Title	From - To	Name of the Institution and Place
More than one week			
1	CFD Applications	16th - 27th Oct. 2007	ISTE Sponsored, SCOE, Pune.
2	Computer Integrated production Management System	6th - 18th Dec 1999	NIT , Ahamadabad
3	Rapid Prototyping Tooling and Virtual Manufacturing	1st - 14th Nov 1998	STTP, PSG Coimbatore
4	CNC Technology	26th Feb -15th Mar.1996	Govt Of India Sponsred Training Programme, FTI, Bangalore
5	Information technology	14th Dec -08th Nov 1996	ISTE Winter School Government Polytechnique College, Nanded
One week			
6	Advances in Numerical Methods for Engineers	30th May -3rd June, 2016	TEQIP –II, SVNIT Surat
7	Research Methodology	16th - 21st Jan 2012	JNTU Hyderabad

8	Statistical modelling for data analysis	20th - 26th Dec 2010	IIT Kharagpur
9	Micromachining	7th -11th Oct 2008	AICTE and BARC Sponsored, STTP, at IIT Kanpur
10	Mission 10X	4th - 8th Feb 2008	PICT, Pune and Wipro
11	ABACUS	13th -17th Nov 2006	STTP, Sinhgad College of Engineering, Pnne.
12	Design Practice	21st - 25th May 2001	QIP sponsored STTP, IIT Mumbai.
13	Application of FEM in Engineering	5th - 10th June 2000	ISTE Summer School, SGGSCOE&T, Nanded
Attended 30+ programs of One and Two days			

Orientation Programs — SE /TE/ BE students: Every year

FDP/ STTP/ Refresher Courses : 5

2 weeks - AICTE Computational Fluid Dynamics (Member)

1 Week - AICTE –Surface modification (Member),

2 weeks – ISTE -Simulation software tools for researcher with impactful writing research publication (Coordinator)

1 week – ISTE – Battary management systems for electric vehicles(Member)

1 week - Advisory committee member for AICTE - ISTE Approved, STTP on "Recent Developments in Industry 4.0" at Shivajirao S. Jondhle College of Engineering & Technology, Asangaon, Mumbai

Project Competitions / Conference organized : 4

Two National Level Project Competition for UG students (Coordinator)

One project competition (AVISHKAR-08) SPPU level (Organizing Committee member)

One conference on Future trends and challenges in Mechanical Engineering (FTCME 2024) (Coordinator)

Reviewer		**Journals** 1. American journal of Modeling and optimization 2. Nigerian Journal of Technological Development 3. Interactions – Springer 4. Journal of Materials Engineering and Performance _Springer 5. Journal of Mechanical Science and Technology_ Springer 6. Aspects of Mining and Mineral Sciences 7. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability_ Springer 8. Journal of Nondestructive Evaluation_ Springer 9. Journal of Institution of engineers Series C _Springer **Conferences** 1. Future trends and challenges in Mechanical Engineering (FTCME 2024) - Chair and Reviewer 2. Future trends and challenges in Mechanical Engineering (FTCME 2017) - Sub reviewer and Eternal reviewer 3. International Conference on Aerospace and Mechanical Engineering (ICAME 2015) - Author 4. International Conference on Intelligent Manufacturing and Automation (ICIMA 2020) - Sub reviewer and Eternal reviewer 5. Reviewer and Session Chair for MECHPGCON 2018
Training programs conducted	: 15	Ansys -3, UG Nx – 3, Hypermesh- 2, Abacus -1, ProE- 4 Solidworks -2 (More than 50 hours)
Area of Specialization		Laser Welding, optimization, CAD/CAM, Residual stresses and Characterization
Books Published / IPRs / Patents	:	Books (Editors for conference Proceedings) **Design Patent :** Artificial Intelligence basedNerve activation device for healthcare treatment **Copyright :** Revolutionizing energy storage unveiling the potential of plasma technology **Textbook :** Computer Integrated Manufacturing
Professional Memberships	:	ISTE, SAE
Grants fetched	:	Minor Research Grant (University of Mumbai) 3,00,000/-, BCUD, **Savitribai Phule Pune University (SPPU), Pune** **Title-** Scaling down effect on residual stresses in residual stresses

Interaction with Professional Institutions	:	**Guest `lectures** o Basavakalyan college of engineering, Basavakalyan o Maharastra college of Engineering, Nilanga, Dist Latur o M S Bidave College of Engineering, Latur o SIOM, As training Facilitator-Soft bridge Centre **Other Responsibilities** o Worked as Institute Academic Committee Member o NAAC Departmental data verification and report preparation and Institutional level documentation. o Worked as Neon Trophy Unveiling coordinator (2014 to 2017) o Worked as NBA committee member for NBA o CAD/CAM/CAE Laboratory in-charge since 2007 o Worked Admission committee member o Chairman for Various theory and practical of SPPU theory examinations o Coordinator and organizing committee for STTP programs. o Website coordinator, organizing Committee member for AVISHKAR -08 Project competition o Conducted training programs on software's for Faculty members, Industry personals, UG and PG students and generated revenue in association with external agencies and departmental faculty members
Subjects Taught		**UG Level:** Solid Mechanics, Numerical Methods, Mechatronics, Mechanical measurements and metrology, Design of machine elements, CAD/CAM and automation, Robotics, Finite element methods, Fluid mechanics, CAMD, C-programming. Computer Integrated Manufacturing **PG Level:** Finite element methods, Flexible manufacturing systems, Optimization Techniques, Advanced Stress Analysis
Projects Guided	:	UG Level: 50 + PG Level: 24
PhD Guide ? Give field & University	:	Field/ Domains: Composite materials - 01 Condition monitoring - 02 Non-conventional Energy -01 University: Savitribai Phule University Pune (SPPU)
PhDs / Projects Guided	:	PhDs : **04 (Persuing)** Projects at Masters level: **24+**

Recommended Students for Higher Education	Name of the Student	University / Industry
	Abhishek Patil	USC University of South California, USA
	Manali Kulkarni	NC State Graduate School, USA
	Mayur Bhande	Northestern University, USA
	Sushant Bhingare	Prude University, USA
	Shubham Pathak	Duke University, Pratt School of Engineering
	Suraj Ravindra Kapare	University of Illinois UrBANA -Chapaign
	Twinkle Pagare	Dartmouth Engineering
	Nishant Badgujar	Technocrat solutions, MIDC , Bhosari, Pune
	Kalpesh Nikam	EPFL, Swizerland
	Jayeshree Gaikwad	Esslingen University
	Shivani Gawali	University of New Haven
	Pradnya Kadam	NYU Tandom School of Engineering
	Pranav Apte	Rochester Institute of Technology
	Sai Swapnil Aranke	University Illinois Chicago
	Chandrika Abhang	Pace University
	Kalyani gawande	University Of Maryland
	Shubham Thopate	University of Arizona
		Carnegie Mellon University
		University of Denver
		Clemson University
		Verginia Tech
		Engineering CAS
		TUM, Germany Sturtgatt, Germaney,
		RWTH Akhen University, Germany
	(40+ students)	(60+ Universities)
Institute/Department Responsibility handled:	• Purchase Committee Member • Admission committee Member • Member of Cultural activities	
Pedagogy Development	Video lectures, Innovative teaching methods, PPTs	