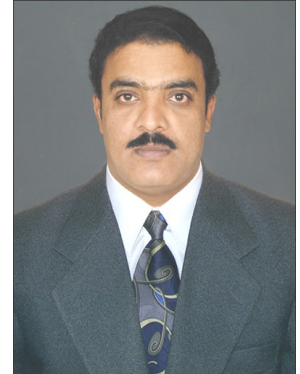


CURRICULAM VITAE



- **Presently working as a Principal of Sindhudurg Shikshan Prasarak Mandal's College of Engineering, Kankavali-416602, Dist: Sindhudurg, Maharashtra.**
- **Working as a DIRECTOR/PRINCIPAL from 2013 With Thirteen Years of Experience as a PRINCIPAL**
- **Google Scholar Citations: 257**
- **<https://scholar.google.com/citations?user=muq6HaQAAAAJ&hl=en>**
- **Research Gate Score: 24.5**
- **COMPLETED Ph.D from Maulana Azad National Institute of Technology (NIT), Bhopal, under MHRD SCHOLARSHIP**
- **EXPERTISE IN NBA AND NAAC**
- **Presently working as Director and Professor in Mechanical Engg of FabTech Technical Campus College of Engineering and Research Sangola-413307, Maharashtra, India.**
- **Number of Ph.D students guided: 04, Guiding: 04**
- **Brought Fund: Rs.35 Lakhs**

Name: Dr. DURADUNDI. SAWANT. BADKAR

Branch in Ph. D: MECHANICAL ENGG DEPARTMENT

Gender: Male

Postal Address:

Dr. DURADUNDI. SAWANT. BADKAR

**House No: 158/10, BEHIND TATA MOTORS, ASHTAVINAYAK NAGAR
NIPANI-591237, PIN: 591237**

Mobile No: +91-9620397797.

Email: dsbadkar@gmail.com;

Educational Qualifications:

Degree	Examination Passed	Year of Passing	Institute	Board/ University	Subject/ Discipline/ Specialization	Class/ Division
UG Degree	B.E. MECHANICAL ENGG	1994	GOVT B.D.T.COLLEGE OF ENGG, DAVANGERE, KARNATAKA	MYSORE UNIVERSITY, MYSORE	MECHANICAL ENGG	FIRST
PG Degree	M.E/M.Tech	1996	B.V.BHOOMARADDI COLLEGE OF ENGG, HUBLI	KARNATAKA UNIVERSITY, DHARWAD	PRODUCTION	FIRST
DIPLOMA Course	DIPLOMA in Architecture, D.Arch.	2022	SJPN TRUSTS POLYTECHNIC, NIDASOSHI	DTE, BENGALURU, KARNATAKA	ARCHITECTURE	FIRST

Ph. D. Degree:

Degree	Date of Registration	Date of Award	University/Institute	Title of the Thesis
Doctoral in MECHANICAL ENGG	22/08/2007	24/10/2011	MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL– 462051, M.P, INDIA	INVESTIGATIONS ON SURFACE MODIFICATION OF LASER TRANSFORMATION HARDENING OF COMMERCIAL PURE TITANIUM

				AND TI-6AL-4V TITANIUM ALLOY USING ND:YAG LASER
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EMPLOYMENT EXPERIENCE DETAILS:

Total Experience: 28 Years

- **Teaching: 27Years**
- **Research: 2.3 Years**
- **Industrial: 2 Years 3 Months**

RESEARCH EXPERIENCE

1.	22/08/2007	20/08/2010	2Years	RESEARCH SCHOLAR	MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL, APPROVED EXPERIENCE
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INDUSTRIAL EXPERIENCE

1.	04/04/1994	10/07/1996	2Years 3Months	Management Trainee	PRS Instruments MFG. Industries, Pune-28, Maharashtra, India
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- **Presently working as Principal of Sindhudurg Shikshan Prasarak Mandal's College of Engineering, Kankavali-416602, Maharashtra.**
- **Working as Director and Professor in Mechanical Engg Deptt of FabTech Technical Campus, Sangola.**
- **Administrative Experience as Principal at Yashoda Technical Campus, Satara, Maharashtra, India.**
- **Administrative Experience as Principal at Sant Gajanan Maharaj College of Engineering, Mahagaon-416503, Gadhinglaj (Approved Principal, by Shivaji University, Kolhapur).**
- **Administrative Experience as Principal at Sant Gajanan Maharaj College of Engineering, Mahagaon-416503, Gadhinglaj (Approved Principal, by Shivaji University, Kolhapur).**

- Administrative Experience as **Principal** at Dr. A.D. Shinde College of Engineering, Bhadagaon-416502, **Gadhinglaj (Approved Principal, by Shivaji University, Kolhapur).**
- Worked as **Dean (R&D), Dean Academic & Head Department of Mechanical Engg** at Sanjeevan Engineering & Technology Institute, Panhala. (Approved Professor, by Shivaji University, Kolhapur).
- Worked as Dean (R&D) & Head Department of Mechanical Engg at Ashokrao Mane Group of Institutions, Vathar-Tarf, Vadgaon, Kolhapur, (Approved Professor, by DBATU Lonere, Kolhapur).
- As a Head of the Department Presented the Departmental Introduction Presentation during NBA Experts Committee visit at TKIET Warananagar and AMGOI Vatar Tarf Vadagaon.
- Worked as P.G. Coordinator & Head Department of Mechanical Engg, at Tatyasaheb Kore Institute of Technology, Warananagar.

Honours & Awards

- **“An Excellence in Research Award”, from GLOBAL SOCIETY FOR TECHNICAL EDUCATION, Bengaluru**
- **An ISTE Award, “Best faculty for excellent contribution in ISTE Activities”, from Indian Society for Technical Education, New Delhi, India, at 23rd ISTE Faculty Annual Convention-2022, held at Priyadarshini College of Engineering, Nagpur University, Nagpur on 4th March. 2023.**
- **“An outstanding Leader in Higher Education”, from ELETS Technomedia Private Limited, Noida - 201309, India Education Innovation Summit, at Novotel, Pune, Maharashtra, on 10th. December. 2022.**
- **Dr. APJ Abdul Kalam Life Time Achievement National Award** for distinguished contribution to the Nation and Achieving Outstanding Excellence in

the field of **Teaching, Research and Publications** on **24th February 2018** from **International Institute for Social and Economic Reforms (R) Bangalore, India.**

- **Adarsh Vidya Saraswati Rashtriya Purashkar Award (National Award of Excellence 2018), confirms a letter recognizing the noble work done in the interest of students, teachers, research and then entire education fraternity on 15TH August 2018 from Global Management Council, Ahmedabad, Gujarat, India.**
- **Guided Project Titled: “Design and Development of Special Purpose Drilling Machine” awarded with the ISTE New Delhi, Maharashtra State Engineering Design National Award (First Prize), at 21st ISTE Students National Annual Convention to be held at L.D. College of Engineering, Ahmedabad, Gujarat, India, on 30th January, 2019**
- **Guided Project Titled: “Design and Development of Special Purpose Drilling Machine” grabbed the NAFEMS INTERNATIONAL ENGINEERING CONTEST-2018 AWARD with MERITORIOUS PRIZE FOR INGENIOUS APPLICATIONN OF CAD/CAE/3DP PRACTICES (FIRST PRIZE), during NAFEMS Conference held at Bengaluru on 20-21 July, 2018.**
- **Guided Project Titled: “Design and Development of Mulching Paper Laying Mechanism” got the ISTE New Delhi, Maharashtra State Engineering Design National Award (First Prize), at 20th ISTE Students National Annual Convention 2017, held at Regional Institute of Science & Technology, Techno City, Baridua, Ri-Bhoi, Meghalaya-793101 on 28-2^{9th} Oct 2017.**

- **International Best Research Paper and Presentation Award**, in Conference World, New Delhi, India. In the international Conference on Recent Innovations in Engineering and Management (ICRIEM-16), on 23rd MARCH 2016. Paper Titled **“Optimization of Surface Roughness of EN8 Steel in CNC Turning Operation by Taguchi Concept”**.
- **Honoured with “PRINCIPAL OF THE YEAR”** from Plus Nine One Media, India's Leading Platform for Leadership Insights & Knowledge Exchange, in Pune National Education Conclave, on 18th July 2026.
- **Honoured with “EXCELLENCE IN ACADEMIC LEADERSHIP 2026”** from Plus Nine One Media, India's Leading Platform for Leadership Insights & Knowledge Exchange, in Pune National Education Conclave, on 18th July 2026.

CONTRIBUTIONS/FUNDS BROUGHT/ACHIEVEMENTS

- **As a Coordinator Organized a Two Week Faculty Development Programme (FDP) on “Renewable Energy Sources: Present, Past, Future”, during 5th-17th February 2018, in association with All India Council for Technical Education (AICTE-AQIS), New Delhi. Under AQIS Scheme, All India Council for Technical Education (AICTE) sanctioned/granted Rs.6, 80,000. (Academic Year: 2017-18).**
- **As a Coordinator organized One Week Faculty Development Programme (FDP) on “Optimization Techniques and Awareness on Research”, in association with All India Council for Technical Education ((AICTE-AQIS), New Delhi. Under AQIS Scheme, All India Council for Technical Education (AICTE) sanctioned/granted Rs 3, 37,000 (Academic Year: 2018-19).**
- **As a Coordinator organized One Week Faculty Development Programme (FDP) on “RECENT DEVELOPMENTS IN FOUNDRY AND INDIAN FOUNDRY INDUSTRY 2020: TRENDS AND CHALLENGES”, in association with All India**

Council for Technical Education (**AICTE-AQIS**), New Delhi. Under AQIS Scheme, **All India Council for Technical Education (AICTE) sanctioned/granted Rs 3, 35,000 (Academic Year: 2019-20).**

- **As a Chief Convener Organized a ISTE-LEAD COLLEGE ACTIVITY, SHIVAJI UNIVERSITY, KOLHAPUR Short Term Training Programme (STTP) on “Green Technology Sustainable Development (GTSD2016)”, during from 28 to 30 January, 2016 at Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201. Rs. 50,000/- (Under Lead College Activity, Shivaji University, Kolhapur).**
- **As a Chief Coordinator a National Conference on “Recent Advancements in Engineering (NCRAE 12)” on 22nd and 23rd June.2012, Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201. Rs. 50,000/- (Under Lead College Activity, Shivaji University, Kolhapur).**
- **As a Chief Coordinator of Organized a ISTE-SRM Short Term Training Programme (STTP) on “Recent Trends in Renewable Energy Sources (RTRES-2013)”, during from 17 to 22 June, 2013 at Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201. Under AQIS Scheme, ISTE New Delhi-SRM University sanctioned/granted Rs.2, 00,000.**
- **As a Chief Coordinator of Organized a AICTE-ISTE Induction/Refresher Programme (STTP) on “Recent Trends in Optimization Techniques”, during from 29th Dec.2021 to 4th Jan., 2022 at Dr. A.D. Shinde College of Engineering, Bhadagaon-416502, Gadhinglaj. Under AICTE-ISTE New Delhi, sanctioned/granted Rs. 93,000/-.**
- **Research papers published in Highly Reputed International Journals (with high impact factor of more than 1.5) like Elsevier, Springer Verlag etc.**
- **REVIWER OF REPUTED PUBLISHERES WITH IMPACT FACTOR MORE THAN 1.5.**
 1. **“APPLIED SOFT COMPUTING” (ELSEVIER JOURNAL PUBLISHERES) &**
 2. **“JOURNAL MECHANICAL SCIENCE & TECHNOLOGY (JMST) SPRINGER JOURNAL PUBLISHERS.**
- **Editorial Board member of Information Engineering and Applied Computing, Elsevier Publishing,**
- **Recognized in Marquis Who's Who. Publisher of Biographical information**

- Nominated as **Electoral Senate Representative to Karnataka University, Dharwad** during 1994-1995.
- Got awarded with MHRD Research Scholar Fellowship by **Maulana Azad, National Institute of Technology, Bhopal for PhD Degree.**
- Carried out Ph. D Research Work in **Welding Research Institute (WRI), BHEL Trichy-620014, Tamil Nadu, India**, as a Senior Research Scholar.
- Reviewer of International Journal of **Applied Soft Computing (Elsevier Publications)** and **International Journal of Advanced Manufacturing Technology (IJAMT-SPRINGER).**
- ISTE Secretary/Treasurer
- Worked as NSS Programme officer and sports incharge.
- Worked as **P.G. Coordinator and N.B.A Coordinator**
- Nominated as Local Inspection Committee member for VTU, Belgaum
- Actively worked in International Conference on Advances in Renewable Energy ICARE-2010 during 24-26 June 2010 at Maulana Azad National Institute of Technology Bhopal 462007, India.
- Member of (Membership ID: INAAR/1014) International Association of Academicians and Researchers (INAAR), Singapore 541260.
- Life Member (LMISTE: of Indian Society for Technical Education, ISTE), New Delhi

Computer Skills

- Microsoft Office,
- Auto CAD,
- MATLAB software,
- Design and Optimization Tool
- Design Expert Software
- Sketch Up

LIST OF PUBLICATIONS

Journal Publications

International Journals: 41

1. **Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. “Effects of Laser Phase Transformation Hardening Parameters on the Heat Input and Hardened-Bead Profile Quality of Unalloyed Titanium”,** International Journal of Transactions of Nonferrous Metals Society of China, **Elsevier, Science Direct, [Volume 20, Issue 6](#)**, June 2010, pp.1078-1091. **Elsevier (ISSN: 1003-6326). Impact Factor: 2.209**
2. **Duradundi.S.Badkar, K.S.Pandey, Buvanashakaran.G. “Parameter optimization of Laser Transformation Hardening by Using Taguchi Method and Utility Concept”,** International Journal of Advanced Manufacturing Technology (IJAMT), Volume 52, Numbers 9-12, pp.1067-1077, June 2010, **Springer Verlag, (ISSN: 0268-3768). Impact Factor: 2.601.**
3. **Duradundi.S. Badkar, K.S.Pandey, Buvanashakaran.G. “Application of the Central Composite Design in optimization of Laser Transformation Hardening parameters of Commercially Pure Titanium Using Nd:YAG Laser”,** International Journal of Advanced Manufacturing Technology (IJAMT), Volume 59, Numbers 1-4, June 2011, pp.169-192, **Springer Verlag, (ISSN: 0268-3768). Impact Factor: 2.601.**
4. **Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. G. “Development of RSM and ANN Based Models to Predict and Analyze the Effects of Process Parameters of Laser Hardened Commercially Pure Titanium on Heat Input and Tensile Strength”,** International Journal of Advanced Manufacturing Technology (IJAMT), Volume 65, Numbers 9-12, March.2013, pp. 1319–1338, **Springer Verlag, (ISSN: 0268-3768). Impact Factor: 2.601.**
5. **Duradundi Sawant. Badkar, “Application of Response Surface Methodology for Modeling of Laser Transformation Hardening of Commercially Pure Titanium ASTM Grade3”,** Journal of Surface Science and Technology (JSST), Volume 35, Issue 3-4, June 2019, pp.97-106. **Online ISSN: 0976-9420: Print ISSN: 0970-1893. Indexed in Scopus.**
6. **Duradundi Sawant. Badkar, “Study on Hardness and Microstructural Properties of Ti-6Al-4V Alloy using Overlapped Multipass Laser Transformation Hardening Under Optimized Test Conditions”,** Journal of Surface Science and Technology (JSST), Volume 35, Issue 3-4, December 2019, pp.82-96. **Online ISSN: 0976-9420: Print ISSN: 0970-1893. Impact Factor: 2.693. (SCOPUS INDEXED).**
7. **Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. G. “Multiperformance Optimization of Tensile Strength and Heat Input of Laser Transformation Hardening of Commercially Pure Titanium Using Taguchi Methodology and Utility Concept”,** International Journal of Advances in Production Engineering & Management (APEM), Vol.7(3), September 2012,

pp.165-176, ISSN:1854-6250 (Print); ISSN:1855-6531. **Indexed:** The world's leading bibliographic databases, including Web of Science (now maintained by Clarivate Analytics, previously by Thomson Reuters) and Scopus (maintained by Elsevier). **Impact Factor: 1.596.**

8. Duradundi Sawant. Badkar, "**Experimental Investigation on Hardness Properties of Laser Hardened Bead Profile of Commercially Pure Titanium Grade3 Using Nd: YAG Laser**", Journal of Advanced Manufacturing Systems (JAMS), **World Scientific**, Volume 17, Issue 3, pp. 291-316, 2018. Print ISSN: 0219-6867, Online ISSN: 1793-6896.Scopus Indexed.
9. **Dr. Duradundi. Sawant. Badkar, "Application of the Box-Behnken Design for Modeling of Laser Transformation Hardening Parameters of Unalloyed Titanium"**, International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 17, Number 5 (2022) pp. 534-539. **(SCOPUS INDEXED).**
10. **Duradundi. Sawant. Badkar**, Umesh. P. Sutar, Padawal Niranjana Tanaji, Mali Ramchandra Damodar, Nandgavakar Sachin Dhondiram, Suryavanshi Vishwas Ramdas. "**Design and Development of New Mulching Machine for Agriculture**", Journal of Advances in Science and Technology (JAST), Volume.13, Issue 1, pp.1-8. Mar, 2017, ISSN: 2230-9659. Indexing & Impact Factor: UGC Approved: 8099 (2017) IIFS : 1.0 (2014).
11. **Duradundi.S.Badkar, "Mathematical Modeling Of Laser Transformation Hardening Parameters On Unalloyed Titanium Using Nd: YAG Laser"**, Journal of Shivaji University, Kolhapur, ISSN-Sciennce-0250-5347, Volume No.42, 2016-17.pp.31.
12. **Duradundi. Sawant. Badkar, "Application of Taguchi Approach and Utility Concept in Multi-Objective Optimization of Laser Transformation Hardening of Commercially Pure Titanium for Heat Input and Tensile Strength"**, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 17, Number 4 (2022) pp. 360-369.
13. **Duradundi Sawant. Badkar, "Overlapped Multipass Laser Transformation Hardening of Ti-6Al-4V Titanium Alloy Using Continuous Wave Rectangular Beam"**, Journal of Materials & Metallurgical Engineering (Print) Volume 7, Issue 3, 2017.pp.35-42. ISSN: 2231-3818 (Online), ISSN: 2321-4236. **Impact Factor, SJIF: 4.245.**
14. **Duradundi.S.Badkar, K.S.Pandey, Buvanashakaran.G. "Laser Transformation Hardening of Unalloyed Titanium Using Nd:YAG Laser"**, International Journal of Materials Science (IJoMS), Vol. 4(3), October. 2009, pp.239-250. (ISSN 0973-4589). INDEXING: GOOGLE Scholar, JournalSeek, EBSCOhost, ICI, Index Copernicus. **Impact Factor: 0.833.**
15. **Duradundi.S.Badkar, K.S.Pandey, Buvanashakaran.G. "The Effect of Laser Beam Welding on Microstructure and Mechanical Properties of Commercially Pure Titanium"**, International Journal of Materials Science (IJoMS), Vol. 4(3), Oct. 2009, pp.299-312. (ISSN

0973-4589). **INDEXING:** GOOGLE Scholar, JournalSeek, EBSCOhost, ICI, Index Copernicus, **and** UGC Approved Journal – 2017. **Impact Factor:** 0.833.

16. **Duradundi. S. Badkar, Prahalad. S. Badkar, V.R.Naik, S.G.Bagi, “Modelling and Optimization of Simulated Injection-Molded Wind Turbine Blades Parameters”, International Journal of Engineering Research and Technology (IJERT), Vol. 3(3), 2010, pp. 627--638. (ISSN: 0974-3154). Indexing:** SCOPUS, EBSCOhost, GOOGLE Scholar, JournalSeek, J-Gate, ICI, Informatics, JSTOR, academia, Research Gate, **and** UGC Approved Journal. **Impact Factor:0.457.**
17. **Duradundi. S. Badkar, K.S.Pandey, C.M.Agrawal, Buvanashakaran. G. “An Analysis of Effects of Laser Transformation Hardening Parameters on Heat Input, Hardened-Bead Profile and Microhardness of Unalloyed Titanium Sheet”, International Journal of Applied Engineering Research (IJAER), Vol.6, (8), 2011, pp. 1087-1098. (ISSN 0973-4562). INDEXING: SCOPUS (2010-2017), EBSCOhost, GOOGLE Scholar, JournalSeek, J-Gate, ICI, Index Copernicus IC Value 82.67 and UGC Approved Journal. Impact Factor:0.45.**
18. **Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. G. “Prediction and Optimization of Laser Transformation Hardening Parameters of Unalloyed Titanium Using RSM”, Journal of Materials & Metallurgical Engineering, (JoMME), 2015; Vol.5 (1) pp.1-11. (ISSN: 2231-3818 (online), ISSN: 2321-4236 (print), Impact Factor, SJIF: 4.245.**
19. **Duradundi Sawant Badkar, Kumbhar Rohit Bhimrao, Lugade Ajinakaya Rajaram, Mullani Kamal Dilwar, Patil Appaji Pundalik, Patil Tushar Ballu, Mahadev G. Reddy, “Design and Development Pneumatic Operated Washer Making Machine”, Trends in Machine Design, Volume 4, Issue 3, pp.12-20. 2017. ISSN: 2455-3352 (Online). Impact Factor, SJIF: 2.169.**
20. **Duradundi. S. Badkar. "Effects of Laser Process Parameters on Overlapped Multipass Laser Hardened Bead Geometry of Ti-6Al-4V Titanium Alloy Using CW Spherical Beam Nd:YAG Laser", Lasers in Engineering (LIE), Old City Publishing – LIE Home, Volume 37, Number 4-6, pp.367-383, 2017, ISSN: 0898-1507 (P), ISSN: 1029-029X (O). BioxBio Impact Factor: 0.305.**
21. **Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. G. “Comparison of RSM and ANN Modeling Approaches in Predicting and Investigating the Effect of Laser Hardening Parameters on the Heat Input and Hardened-Bead Profile Quality of Unalloyed Titanium”, Journal of Materials & Metallurgical Engineering, (JoMME), 2015; Vol.5 (1) pp.36-59. (ISSN: 2231-3818). Impact Factor, SJIF: 4.245.**
22. **Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. G. “Modeling of Laser Transformation Hardening Parameters of Unalloyed Titanium Using Nd: YAG laser”,**

International Journal of Modern Trends in Engineering and Research (IJMTER), Vol.2 (2), 2015, pp.198-206. E-ISSN: 2349-9745, P-ISSN: 2393-8161. **Impact Factor: 4.364.**

23. Duradundi. Sawant. Badkar, "**An Experimental Investigation of Laser Transformation Hardening of Unalloyed Titanium Using Nd:YAG Laser**", International Journal of Engineering Applied Sciences and Technology, 2022 Vol. 7, Issue 1, ISSN No. 2455-2143, Pages 153-165, DOI: [10.33564/IJEAST.2022.v07i01.023](https://doi.org/10.33564/IJEAST.2022.v07i01.023).
24. Duradundi Sawant. Badkar, "**Research on Laser Hardened Bead Geometry in Laser Hardening Parameters of ASTM Grade3 Pure Titanium**", Research & Reviews: Journal of Physics, Volume 6, Issue 1, pp.22-37, 2017. ISSN: 2278-2265 (Online), ISSN: 2347-9973 (Print). **Impact Factor, SJIF: 4.619.**
25. Duradundi Sawant. Badkar, "**Experimental Investigation of Effect of Laser Process Parameters and Heat Input on Hardened Bead Geometry and Power Density of ASTM Grade 3 Pure Titanium using CW Laser Beam**", Journal of Materials & Metallurgical Engineering (JoMME), ISSN: 2231-3818 (Online), ISSN: 2321-4236 (Print), Aug.2017, Volume 7, Issue 2, pp.42-52. **Impact Factor, SJIF: 4.245.**
26. Duradundi Sawant. Badkar, Bhushan H Jadhav, Nikhil R. Kumbar, "**Robotic Supporting Leg for Handicapped People**", International Journal of Engineering Science and Computing (IJESC), ISSN: 2321 3361 (O), ISSN: 2250-1371(P), Vol.7(2), 2017, pp.4279-4285. **Publication Impact factor: 5.611**
27. Duradundi Sawant. Badkar, "**Study on Laser Hardening Parameters of ASTM Grade3 Pure Titanium on an Angle of Entry of Hardened Bead Profile**", International Research Journal of Materials Science and Engineering, Premium Publishers, Vol.3(1), pp.019-034, 2017. (ISSN: 1539-7897).
28. Duradundi Sawant. Badkar, Deepak M. Kalai, "**Multiwalled Carbon Nano Tubes Reinforced with Copper Nano composite by Powder Metallurgy to Enhance Tribological Properties**", International Journal of Engineering Applied Sciences and Technology, 2020, Vol. 5, Issue 8, ISSN No. 2455-2143, pp. 120-127.
29. Duradundi Sawant. Badkar, Pranav R. Kshirsagar, Somesh R. Pise, Sunil A. Pokalekar, Mahindra Goudadaba, Duradundi Sawant. Badkar, "**Optimization of Surface Roughness of En8 Steel In CNC Turning Operation by Taguchi Concept**": International Journal of Advanced Technology in Engineering and Science (IJATES), Vol.4 (1), 2016, pp.289-200. ISSN: 2348-7550. **Impact Factor: 1.012.**
30. Duradundi Sawant. Badkar, Mohammadasim A. Mullani, "**Review on Design and Development of Jute Epoxy Laminate and Investigate Tensile Strength Validate by FEA**

- Software**", International Journal for Innovative Research in Science & Technology, (IJIRST), 2017, Volume 4, Issue 5, pp.56-58. ISSN (online): 2349-6010. **Impact Factor: 4.371.**
31. **Duradundi Sawant. Badkar**, Mohammadasim A. Mullani, **"Design and Development of Jute Epoxy Laminate and Investigate Tensile Strength Validate by FEA Software"**, International Journal for Innovative Research in Science & Technology, (IJIRST), Volume 4, Issue 5, pp.59-64. 2017 ISSN (online): 2349-6010. **Impact Factor: 4.371.**
 32. Kumbhar Rohit Bhimrao, Lugade Ajinakaya Rajaram, Mullani Kamal Dilwar, Patil Appaji Pundalik, Patil Tushar Ballu, Mahadev G. Reddy, **Duradundi Sawant Badkar**, **"Design and Development Pneumatic Operated Washer Making Machine"**, Trends in Machine Design, Volume 4, Issue 3, 2018, pp.12-20. **Impact Factor, SJIF: 2.169.**
 33. Swaroop R. Parab, Pranit G. Hanchanale, Shubham M. Daiv, Sanket S. Bhosale, Rohit T. Bamanekar, **Duradundi Sawant. Badkar**, **"Design and Development of Special Purpose Drilling Machine"**, Trends in Machine Design, Volume 5, Issue 2, 2018, pp.1-8. **Impact Factor, SJIF: 2.169.**
 34. **Dr. D. S. Badkar**, Srinath Ingale, Kailas Pathade, Govinda Patil, Sunil Rendale, Dayanand Patil, **"Static Analysis and Weight Optimization of Crankshaft in Single Cylinder Four Stroke Diesel Engine"**, Volume, 08 Issue: 07, July 2021, pp.4506-4511.
 35. **Duradundi.S.Badkar**, K.S.Pandey, Buvanashakaran. G. **"Role of Laser Transformation Hardening Technique for Performance Improvement of Industrial Components"**, International Research Journal on Mechatronics, Vol. 1, 2009, pp.31-36.
 36. **Duradundi Sawant. Badkar**, **"Overlapped Multipass Laser Transformation Hardening of Titanium Alloy Ti-6Al-4V"**, Journal of Surface Science and Technology (JSST), Volume 34, Issue 1-2, June 2018, **Online ISSN: 0976-9420: Print ISSN: 0970-1893. Impact Factor: 2.693**
 37. **Duradundi.S.Badkar**, K.S.Pandey, C.M.Agrawal, Buvanashakaran.G. **"Application of Artificial Neural Network Modeling Approach in Laser Phase Transformation Hardening of Unalloyed Titanium"**, International Journal on Power System Optimization and Control (IJPSOC), Vol. 2(1), Jan-June.2010, pp.303-313. (ISSN: 0975-3982). **Impact Factor: 0.331.**
 38. **Duradundi Sawant. Badkar**, Deepak. N. Mudgal, **"An Outcome Based Education (OBE): An Overview"**, International Journal of Advanced Research in Education & Technology (IJARET), Vol. 4 Issue 1, Jan-March.2017, pp.97-100, ISSN: 2394- 2975 (Online) ISSN: 2394-6814 (Print). **Impact factor: 0.768.**

39. Duradundi Sawant. Badkar., “An Experimental Investigation on Overlapped Multipass Laser Transformation Hardening of Ti-6Al-4V Titanium Alloy using Nd:YAG LASER”, published in the book series “RECENET ADVANCES IN MATERIALS AND MANUFACTURING TECHNOLOGY”, Select Proceedings OF ICAMMT2022, Springer Nature, pp.981-990.
40. RAKESH. R. Kolhapure, Duradundi. Sawant. Badkar, “Study of Machining Characteristics of Non-Conventional Methods, published in the book series “ADVANCES IN COMPUTER SCIENCE RESEARCH”, Select Proceedings of ICAMIDA2022, Springer Nature, pp.288-305.
41. Lokhande Arun, Rahul S. Autade, Sanjay A. Pawar, Dr. Ameet B. Rupnar, Dr. Duradundi S. Badkar, Rahul A. Patil, “Optimizing Energy Harvesting Efficiency: A Comparative Study of Tapered Geometries in Piezoelectric Cantilever Configurations”, Bulletin For Technology And History Journal, Volume 24, Issue 2, 2024, pp.274-281.

LIST OF BOOKS/CHAPTERS PUBLISHED

S r	Name of Faculty	Book/ Chapte r	Title/Books Chapters Name/Publication
1	Dr. D. S. Badkar	Chapter	“Effects of Laser Process Parameters on the Overlapped Multipass Laser Transformation Hardened Bead Geometry of Ti-6Al-4V Alloy Using a Continuous Wave (CW) Spherical Nd:YAG Laser Beam”, Lasers in Engineering (LIE), Old City Publishing–LIE Home, Lasers in Engineering (LIE), pp.367-383.
2	Dr. D. S. Badkar	Chapter	“Investigations on Laser Surface Modification of Commercially Pure Titanium Using Continuous Wave Nd:YAG laser”, Advanced Coating Materials, Advanced Materials Series, Chapter No: 12, pp.361-404, Wiley & Scrivener Publishing, USA,2018
3	Dr. D. S. Badkar	Chapter	“Effects of Laser Process Parameters on Overlapped Multipass/Multitrack Hardened-Bead Parameters of Ti-6Al-4V Titanium Alloy Using Continuous Wave Rectangular Beam”, Advanced Coating Materials, Advanced Materials Series, Chapter No: 3, pp.77-96, Wiley & Scrivener Publishing, USA,2018
4.	Dr. Duradundi Sawant Badkar	Chapter	"Titanium and Titanium Alloys: A Review", "Advances in Academic Research and Development (Volume - 8)", ISBN:978-93-93502-48-3, Integrated Publications, India, 2022
5.	Dr. Duradundi Sawant Badkar	Chapter	An Experimental Investigation on Overlapped Multipass Laser Transformation Hardening of Ti-6Al-4V Titanium Alloy Using Nd:YAG Laser, Recent Advances in Materials and Manufacturing Technology , pp 981–994

Patent Publications

Sl. No	Title	Application No.& Date	Status
1.	FULLY AUTOMATIC FOGGER MACHINE	385829-01 10/05/2023	Application accepted, certificate of design is to be generated. (FER generated on 31/07/2023)
2.	PLASTIC INTO FUEL CONVERTING PYROLYSIS MACHINE	385930-001 10/05/2023	Application accepted, certificate of design is to be generated. (FER generated on 31/07/2023)
3.	PRECISSION BASED DRILLING MACHINE	407350-001 13/02/2024	Application under process (waiting for technical examination)
4.	MULCHING PAPER LAYING MECHANISM	407351-001 13/02/2024	Application under process (waiting for technical examination)
5.	FIXTURE FOR VERTICAL JOINING OF PIPES USING MICROWAVE	405862-001 28/01/2024	Application under process (waiting for technical examination)

Conference Publications

International Conferences

1. **Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. G. “Laser Surface Modification Technique for Improved Performance of Engineering Components”,** Proceedings of International Seminar on Application of Laser in Materials Processing, Jadavpur University, Kolkatta-700032, India,18-19 January 2008, pp.130-143.**Impact Factor:**
2. **Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. “An Analysis on the Effects of Laser Beam Parameters for Transformation Hardened Unalloyed Titanium Using Nd:YAG Laser”,** Proceedings of RAMPT’09, 2nd International Conference on Recent Advances in Materials Processing Technology, National Engg College, Kovilapatti-628503,T.N, India, Feb 25-27 2009, pp.405-412.
3. **Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. “The Effects Of Laser Transformation Hardening Parameters on The Heat Input, Hardened-Bead Geometry and Microhardness of Unalloyed Titanium”** India-Japan Conference on Advances in Materials Processing, Annamalai University, Annamalai Nagar, Chidambaram - 608 002, Tamil Nadu, India, Sept 3^{0th} to Oct 2 2009, pp.1-10.
4. **Duradundi. S. Badkar, Krishna Shankar Pandey, C.M.Agrawal, Buvanashakaran. G. "Application of Artificial Neural Network Modeling Approach in Laser Phase**

Transformation Hardening of Unalloyed Titanium", Proceedings of International Conference on Trends and Advances in Computation & Engineering , TRACE 2010, Feb. 25-26, 2010, held at Barkatullah University Institute of Technology & Engineering, Bhopal (M.P), India,, pp.100

5. **Duradundi. S. Badkar**, Krishna Shankar Pandey, C.M.Agrawal, Buvanashakaran. G. **"Influence of Laser Process Parameters on Hardened Bead Geometry of Laser Transformation Hardened Commercially Pure Titanium"**, International Conference on Recent Advances in Mechanical Engineering, (ICRAME–2010), April 8&9, 2010, Noorul Islam University, Kumaracoil, Nagercoil, Tamilnadu, India.PP.70-77.
6. **Duradundi. Sawant. Badkar**, **"Prediction and Optimization of Laser Transformation Hardening Parameters of Unalloyed Titanium Using RSM"**, Conference on Science And Technology For Human Development, **Pre Science Congress 2014** on the occasion of **102nd Indian Science Congress**, organized by **Indian Science Congress Association**, Aurangabad Chapter, Dr. B.R.Ambedkar Marathawada University, Aurnagabad-431004.M.S., India. pp.165.
7. **Duradundi Sawant. Badkar**, Pranav R. Kshirsagar, Somesh R. Pise, Sunil A. Pokalekar, Mahindra Goudadaba, **"Optimization Of Surface Roughness Of En8 Steel In Cnc Turning Operation By Taguchi Concept"**, Proceedings of International Conference on Recent Innovations in Engineering and Management (ICRIEM-16), ISBN:978-81-932074-5-1, Dhananjay Mahadik Group of Institutions (BIMAT), Approved by AICTE ,Shivaji University, Kolhapur, Maharashtra, India, 23rd March 2016, pp.1142-1153.
8. **Duradundi Sawant. Badkar.**, **"Experimental Investigation of Effect of Laser Process Parameters and Heat Input on Hardened Bead Geometry and Power Density of ASTM Grade 3 Pure Titanium using CW Laser Beam"** Proceedings of second International Conference On Material Science (ICMS2017), 16-18 FEBRUARY, 2017.pp.223.
9. **Duradundi Sawant. Badkar.**, **"Development of 3D Models and Optimization of Bead Geometry of Laser Transformation Hardening of Commercially Pure Titanium Using Full Factorial Design and RSM"**, 2nd International Conference of the Indian Society for Technical Education (ISTE) on "Reaching the Unreached: A Challenge to Technological Development (RUCTD 2018)" which will be held on 19th- 20th November 2018, Bali-Indonesia.
10. **Duradundi Sawant. Badkar.**, **"An Experimental Investigation on Overlapped Multipass Laser Transformation Hardening of Ti-6Al-4V Titanium Alloy using Nd:YAG LASER"**, an International Conference on [International conference on Advances in Materials and Manufacturing](#), ICAMMT 2022, on **"Recent Advances in Materials and Manufacturing**

Technology-Select Proceedings of AMMT 2022”, at Maulana Azad National Institute of Technology (MANIT), Bhopal, India, on 22-26th Nov. 2022.

- 11. Duradundi Sawant. Badkar., “An Experimental Investigation on Laser Surface Modification of Laser Transformation Hardening of Commercially Pure Titanium Using Nd:YAG Laser”, an International Conference on. Applications of Machine Intelligence and Data Analytics 2022, ICAMIDA 2022, on 22-24 December, 2022. Organized by. MGM UNIVERSITY, Aurangabad-431003, Maharashtra, India.**

National Conferences

- 1. Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. “Industrial Applications of Laser Surface Hardening”, Conference on Recent Advances in Welding (RAW2009), 11-12 Sept 2009, P.E.S. Institute of Technology, Bangalore-560085, pp.2.64-2.69.**
- 2. Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. “Role of Laser Transformation Hardening Technique for Performance Improvement of Industrial Components”, National Conference on Lean Manufacturing Implements: The Future of Process Industries (LEMAN2009), Sept 11-12 2009, Green Hills Engineering College, Gandhi Gram, Kumarhatti-Nahan Road, Baholi, Dist: Solan, Himachal Pradesh-173229, India, pp.227-231.**
- 3. Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. “State of the Art of Laser Welding”, Proceedings of National Conference on Recent Trends and Challenges in Mechanical Engineering (NRTCME), 5-6th Oct 2009, Kavikulguru Institute of Technology, Ramtek-441106, Dist: Nagpur, Maharashtra, India, pp.77-84.**
- 4. Duradundi. S. Badkar, K.S.Pandey, Buvanashakaran. “State of the Art of Laser Transformation Hardening”, Proceedings of the National Conference on Emerging Trends in Mechanical Engineering (EMTE-2009), MED, October 12-13, 2009, MMM Engineering College, Gorakhpur, India, pp.81-84.**
- 5. Duradundi. S. Badkar, “Harnessing AWJ Maching a Strategically Potent Technology for Future”, Proceedings of the National Conference on Emerging in Mechanical Engineering Trends (COMET-2009), MED, May 19-20, 2007, Bellary Engineering College, Bellary-583104, India.**
- 6. Duradundi. S. Badkar, “Industry-Institute Interaction”, Proceedings of the National Conference on Technical Education & Challenges in New Millennium, November 03-04, 2001, Basaveshwar Engineering College, Bagalkot-587102, Karnataka State, India.**

7. **Duradundi. Sawant. Badkar, G. “Modeling of Laser Transformation Hardening Parameters of Unalloyed Titanium Using Nd: YAG laser”, National Conference on. Advances in Engineering and Technology for Sustainable Development (NCAETSD15),** Jointly organized by Govt. Polytechnic Nagpur and Maharashtra State Board Of Technical Education (MSBTE), on 27th February 2015, Govt. Polytechnic Nagpur- 440 001.
8. **Duradundi. Sawant. Badkar, Umesh. P. Sutar, Padawal Niranjana Tanaji, Mali Ramchandra Damodar, Nandgavakar Sachin Dhondiram, Suryavanshi Vishwas Ramdas. “Design and Development of New Mulching Machine for Agriculture”,** Proceedings of National Conference on Mechanical Engineering in Next Decade NC-MEND 2017, Organized by Department of Mechanical Engineering, Government College of Engineering, Karad, on 10 - 11 March, 2017, pp.5-10.
9. **Duradundi. Sawant. Badkar, “An Experimental Investigation of Laser Transformation of Hardening of Unalloyed Titanium Using Nd:YAG Laser”, 2nd National Conference on “Recent Innovations in Science and Engineering (NC-RISE 17)”, on 16th September 2017, at Mauli Group of Institutions (MGI), College of Engineering and Technology, Shegaon, Maharashtra,(India).**

SPONSORED RESEARCH PROPOSALS/PROJECTS AS PRINCIPAL INVESTIGATOR/COORDINATOR (FUNDS BROUGHT)

S r	Funding Agency	Funds Received	Program/ Proposal
1	AQIS-AICTE New Delhi	Rs 6.8 Lakhs	Two Week FDP on “Renewable Energy Sources: Present Past and Future” Scheduled on 05-17, Feb.2018

2	Dept of Biotechnology (DBT), New Delhi	Rs. 21.8 Lakhs (Under Process)	Performance Optimization of Jatropha Biodiesel Engine Combustion Model , 2Years Duration
3	AQIS-AICTE New Delhi	Rs. 3.35 Lakhs	One Week STTP on “Optimization Techniques and Awareness on Research”, Scheduled to be on 06/01/2019
4	AQIS-AICTE New Delhi	Rs.3.50 Lakhs	One week FDP “Recent Developments in Foundry and Indian Foundry Industry 2020: Trends and Challenges”. (Applied in Dec.2018)
5	Lead College Activity Scheme, Shivaji Uni. Kolhapur	Rs.0.22 Lakh	India in space, past, present & future and application of aerospace Materials
6	AICTE-ISTE, New Delhi Induction/Refresher Program	Rs.0.93 Lakh	AICTE-ISTE Induction/Refresher Programme (STTP) on “Recent Trends in Optimization Techniques”, during from 29 th Dec.2021 to 4 th Jan., 2022
7	RGSTC- Rajiv Gandhi Science and Technology Commission Government of Maharashtra, Mumbai-400 032.	Rs.2.5 Lakh	Project proposal “Design And Manufacturing Of Special Purpose Drilling Machine” during AY: 2021-22
8.	ISTE-SRM University	Rs. 1Lakh	ISTE-SRM Short Term Training Programme (STTP) on “RECENT TRENDS IN RENEWABLE ENERGY SOURCES (RTRES-2013)”, at Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201.17 th to 22 nd June, 2013.

Details of PG/Master’s Thesis supervised/on-going as sole supervisor

Branch: Mechanical- Production Engineering

Sr. No.	Name of Students	Name of Topic
01	Mr.Aditya Bhalchandra Patole	“Process Optimization of Electrical Discharge Machining of Inconel 718 Using Taguchi Method.”
02	Mr. Rohit Hindurao Powar	“Analysis of the influence of EDM on Material Removal rate, Surface Finish and Tool wear rate on Tungsten Carbide.”

Branch: Mechanical-Design Engineering

Sr. No.	Name of Students	Name of Topic
01	Nadaf Mohsin Moula	“Comparative assessment of standard insert v/s wiper type insert used in turning operation (carbon steel & cast iron)”
02	Tiwale Sachin Shashikant	“Design Evaluation using finite element analysis for machine frame to meet acceptance for structural honesty”
03	Ms. Nayan S kore	“Parametric Optimization of EDM Process Characteristics of RENE-80 Nickel Super Alloy By Using Taguchi Method.”

Consultancy Projects as Principle Investigator

Sr	Year	Project Title	Funding agency	Amount in Rs.	Duration
1	2016-17	3D printed parts	I3Dminds,Ichal karanji	10000/	1.5 year
2		Consultancy on the continuous chocking of the cane trash machine to improve hourly output of machine to its rated capacity 5 MT/hr	Urjankur Shree Datta Power, Shirol	20,000/	01 year
3		Feasibility study of the ventilation system of the following buildings for installation of turbo ventilators, a) TG building, b) WTP, c) Coal and baggasse storage building, d) Store room (2016-2017)	Urjankur Shree Datta Power, Shirol	20,000/	01 year

Seminars/Conferences/Short Term Courses/Summer Schools/Winter Schools organized:

Sl. No	Status as organizer	Title of the conference/seminar	Date & Duration	Sponsoring Agency/Self-financed
01	Chief Convener	ISTE-LEAD COLLEGE ACTIVITY, SHIVAJI UNIVERSITY, KOLHAPUR a Short Term Training Programme (STTP) on “ GREEN TECHNOLOGY SUSTAINABLE DEVELOPMENT (GTSD2016) ”, during from 28 to 30 January, 2016 at Sanjeevan Engineering and Technology Institute (SETI),	28 th to 30 th January, 2016	ISTE New Delhi, Lead College Activity, Shivaji

		Panhala-416201		University, Kolhapur
02 .	Chief Coordinator	National Conference on “RECENT ADVANCEMENTS IN ENGINEERING (NCRAE 12)” at Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201.	22 nd and 23 rd June.2012,	ISTE New Delhi,
03 .	Chief Convener	ISTE-SRM Short Term Training Programme (STTP) on “RECENT TRENDS IN RENEWABLE ENERGY SOURCES (RTRES-2013)” , at Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201.	17 th to 22 nd June, 2013.	ISTE-SRM University
04 .	Chief Convener	Student Development Programme (SDP) on “PIPING DESIGN AND PRESSURE VESSELS” , at Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201.	11 th Feb 2016	Self-financed
05 .	Chief Convener	One day Student Development Programme (SDP) on “PIPING DESIGN & ENGG” , at Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201.	12 th Feb 2016	Self-financed
06 .	Chief Convener	One week Hands On Student Development Programme (SDP) on “PLC AUTOMATION” at Sanjeevan Engineering and Technology Institute (SETI), Panhala-416201.	23 rd to 28 th March. 2016	Self-financed
07 .	Coordinator	One-day seminar on “Basics of Boiler and Survival Of Boiler With Non-Conventional Energy Clubbing With Management Skills” , at Ashokrao Mane Group of Institutions, Vathar Tarf Vadgaon, Tq: Hatkanangale, Dt: Kolhapur - 416112. Maharashtra State, India.	21/01/2017	Self-financed
08 .	Chief Convener	Three Day Seminar On “RESEARCH METHODOLOGY” (How to Write Research Papers and Publish, Quantitative & Qualitative Research Methods, at Ashokrao Mane Group of Institutions, Vathar Tarf Vadgaon, Tq: Hatkanangale, Dt: Kolhapur - 416112. Maharashtra State, India.	June. 13-15 th 2017	ISTE CHAPTER
09 .	Chief Convener	International Conference On Recent Advancements In Engineering And Management (ICRAEM 17), at Ashokrao Mane Group of Institutions, Vathar Tarf Vadgaon, Dt: Kolhapur. Maharashtra State, India.	28 -29 Sept. 2017	ISTE New DELHI & Institute (Self-financed)
10 .	Coordinator	Two Week Faculty Development Programme (FDP) on “Renewable Energy Sources: Present, Past, Future” , during 5th-17th February 2018, in association with All India Council for Technical Education (AICTE), New Delhi . Under AQIS Scheme , All India Council for Technical Education (AICTE) sanctioned/granted Rs.6, 80,000.	5th-17th February 2018	All India Council for Technical Education (AICTE), New Delhi

Conference/Seminar chaired / Expert Lectures (if any)

Sl.No	Title of the seminar	Organized by	Date
01.	National Level Paper Presentation Contest, “HIT QUEST 2010” Session Chairman	Hira sugar Institute of technology, Nidasoshi-591236, Karnataka, India.	Dec.2010
02.	National Level Technical Symposium, Session Chairman	Dhananjay Mahadik Group of Institutions (BIMAT), Approved by AICTE, Shivaji University, Kolhapur, Maharashtra, India, pp.1142-1153.	23rd March 2016,

03.	National Level Technical Symposium, “ ANUTTARA 2013 ”. Session Chairman	Sant Gajanan Maharaj Rural Polytechnic, Mahagaon, Site-Chincewadi, Gadhinglaj, Dist-Kolhapur-416503. Maharashtra, India	
04.	International Conference on Recent Innovations in Engineering and Management (ICRIEM-16), Session Chairman	Dhananjay Mahadik Group of Institutions (BIMAT), Approved by AICTE, Shivaji University, Kolhapur, Maharashtra, India.	23 rd , March 2016,

**Up-gradation of further knowledge: Short-term/Refresher course attended/
Conferences/Seminar/Workshop attended.**

Sl. No	Name of the Course and Category	Organized at	Days	From	To
1	Industrial Training for Teachers	Rajaram Bapu College of Engg & Technology, Rajaramnagar, Islampur, Dist:Sangli-415414, Maharashtra, India	3	26-11-96	28-11-96
2	ISTE Annual Convention of Maharashtra State	Walchand College of Engg & Tech, Sangli, Maharashtra	3	29-11-96	01-12-96
3	41st NSS Orientation Course for NSS Programme Officers	Jawaharlal Nehru National College of Engg, Navule, Shimoga-577204, Karnataka, India	10	01-02-00	10-02-00
4	Trends & Scope of Indian Foundry Beyond 2009	Karmaveer Bhaurao Patil College of Engg & Tech, Satara-4150001, Maharashtra,	14	01-01-01	13-01-01
5	Technical Education & Challenges in New Millennium	Basaveshwar Engineering College, Bagalkot-587102, Karnataka, India	2	03-11-01	04-11-01
6	Latest Trends In Welding Technology	K.L.E. Society's College of Engg & Tech, Belgaum-590008, Karnataka, India	1	12-12-02	
7	Training Programme on CATIA-V5R12	Hira Sugar Institute of Tech, Nidasoshi-591236, Dist:Belgaum, Karnataka, India	10	21-11-04	30-11-04
8	Engg Applications of Finite Element Analysis Using Ansys (FAFEA2006	Jawaharlal Nehru Technological University, Anantapur-515002, Andhra Pradesh, India	1	27-02-06	11-03-06
9	Nonlinear Analysis in Mechanical Engineering Systems	Bapuji Institute of Engineering & technology Davangere-577004, Karnataka.	04	26 -03-07	30 -03-07
9	Recent Trends in Industrial & Production Engg	Maulana Azad National Institute of Technology, Bhopal-462051, Madhya Pradesh, India	14	30-06-08	12-07-08
10	Solar & Wind Energy (Theory & Practice)	Maulana Azad National Institute of Technology, Bhopal-462051, Madhya Pradesh, India	14	27-02-09	12-03-09
11	Renewable Energy Sources: Past, Present and Future	Ashokrao Mane Group of Institutions, Vathar Tarf Vadgaon-416112, Tal: Hatkanangle, Dist: Kolhapur, Maharashtra State, India.	18	05-02-18	17-02-18
12.	Neural Network, Fuzzy Logic & Genetic	Ashokrao Mane Group of Institutions Vathar Tarf Vadgaon, Tal-Hatkanangle, Dist: Kolhapur, Maharashtra State, India.	1	23-09-17	23-09-17

12	How to write	Research Article & Publish in Journals	5	13-02-24	17-02-24
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Membership of Professional Bodies:

1. Life Member (LMISTE) of Indian Society for Technical Education, (ISTE), New Delhi
2. Life Member (LMGSTe) of Global Society for Technical Education, (GSTe), Bengaluru
3. Member of (Membership ID: INAAR/1014) International Association of Academicians and Researchers (INAAR), Singapore 541260.
4. International Association of Engineering & Technology for Skill Development (IAETSD), New Delhi

Administrative Experience

Sl. No.	Designation	Period	Organization
01	PRINCIPAL	06/12/2013 to 31/01/2015	Sant Gajanan Maharaj College of Engineering, Mahagaon-416503, Gadhinglaj, Dist: Kolhapur, Maharashtra State-416503
02	PRINCIPAL	01/11/2019 to 30/05/2022	Dr.A.D.Shinde College of Engineering, Bhadagaon,-416502, Gadhinglaj, Maharsashtra
03	PRINCIPAL	01/06/2022 To 30/06/2023	Yashoda Technical Campus, Satara-415011, Maharashtra
04	DIRECTOR	01/07/2023 To 06/07/24	FabTech Technical Campus, Sangola-413307, Maharashtra
05	PRINCIPAL	07/07/2024 To Till Date	Sindhudurg Shikshan Prasarak Mandal's College of Engineering, Kankavali-416602, Dist: Sindhudurg, Maharashtra.



Dr. DURADUNIDI. SAWANT. BADKAR