



SHRI TULJABHAVANI TEMPLE TRUST'S
SHRI TULJABHAVANI COLLEGE OF ENGINEERING,
TULJAPUR – 413 601 DIST. OSMANABAD
(Approved by AICTE and Affiliated to DBATU, Lonere, Dist.: Raigad)
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING



Faculty Profile

Name : Dr. Surwase Sanjay S
Designation : Assistant Professor
E-mail Id : surwasess@rediffmail.com
Contact No. : 94224656777



Educational Qualification 1. Ph.D. Mechanical
2. M.E (Production)
3. B.E. (Mechanical)

Professional Experience INDUSTRIAL – 02
TEACHING -- 27
Total Experience : 29

Responsibility Handled: 1. Academic Coordinator

2. Additional Charge of Workshop Superintendent

Sr. No	Authors	Title of Paper	Journal / Conference	Publication Details	Month & Year
01	S. S. Surwase, S. P. Bhosle	Investigating the Effect of Residual Stresses and Distortion of Laser-Welded Joints for Automobile Chassis and Optimizing Weld	Welding International	Vol. 37, Issue 1, pp. 46–67, DOI: 10.1080/09507116.2023.2174915	February 2023

		Parameters Using Random Forest-Based Grey Wolf Optimizer			
02	S. S. Surwase, S. P. Bhosle	Design Performance Optimization of Laser Beam Welded Joints Made for Vehicle Chassis Application Using Deep Neural Network-Based Krill Herd Method	Welding International	Vol. 37, Issue 7, pp. 365–386, DOI: 10.1080/09507116.2023.22338 89	July 2023
03	S. S. Surwase, S. P. Bhosle, A. J. Keché	A Simulation Study of Residual Stress and Distortion in Laser- Welded Joints of Structural Steel	Vth International Conference on Advances in Mechanical Engineering (ICAME 2024)	Department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India	March 2024

04	S. S. Surwase, S. P. Bhosle, A. J. Keche, N. G. Patil	Investigation and Simulation of Various Parameters on the Strength of Laser-Welded Joints	International Conference on Innovation in Science, Engineering & Technology (ISET 2024)	Geetanjali Institute of Technical Studies, Udaipur, Rajasthan, India	May 2024
05	R. H. Aadekar, V. B. Pansare, S. S. Surwase	Evaluation of Productivity and Tool Life in Serration Operation	International Journal of Engineering Sciences & Research Technology (IJESRT)	Vol. 6, Issue 6, pp. 136–142, ISSN: 2277-2685	June 2016
06	R. H. Aadekar, V. B. Pansare, S. S. Surwase	Evaluation of Tool Life in Face Serration Operation	International Journal of Innovations in Engineering Research and Technology (IJIERT)	Vol. 3, Issue 5, ISSN: 2394-3696	May 2016
07	A. S. Adkine, G. P. Overikar,	Static and Modal Analysis of Engine	International Journal of Modern Trends in	Vol. 3, Issue 11	November 2016

	S. S. Surwase	Supporting Bracket	Engineering and Research (IJMTER)		
08	A. S. Adkine, G. P. Overikar, S. S. Surwase	Modal Analysis of Engine Supporting Bracket Using Finite Element Analysis	International Journal of Advance Engineering and Research Studies (IJAERS)	Vol. 4, Issue 3, ISSN: 2349-6495	March 2017
09	Reshma Shaikh, S. S. Surwase	Review on Optimization of Vertical Milling Process Parameters of EN24 Using ANOVA and ANN Technique	International Research Journal of Engineering and Technology (IRJET)	Vol. 6, Issue 2, e-ISSN: 2395-0056, p-ISSN: 2395-0072	February 2019
10	Atish Ashishar Ghatshile, G. P. Overikar, S. S. Surwase	Parametric Study of CNC Turning Process Parameters for Surface Roughness	International Research Journal of Engineering and Technology (IRJET)	Vol. 6, Issue 5, e-ISSN: 2395-0056, p-ISSN: 2395-0072	May 2019

		Using ANN and GA			
11	Swati Kate, V. B. Pansare, S. S. Surwase	Determination of the Best Joining Method for GFRP Using Experimentation and FEA	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 5, Issue 1, ISSN: 2349-5162	May 2019
12	Reshma Shabbir, S. S. Surwase	Optimization of Vertical Milling Process Parameters of EN24 Using ANOVA and ANN Technique	International Journal of Advances in Engineering and Management (IJAEM)	Vol. 4, Issue 10, pp. 1067–1100, ISSN: 2395-5252	October 2022

LIST OF SEMINARS / CONFERENCES / FACULTY DEVELOPMENT PROGRAMMES /SHORT-TERM TRAINING PROGRAMMES ATTENDED

Sr. No.	Programme / Event	Organizing Institute / University	Dates	Duration
01	Faculty Development Program by the Department of Science & Technology, New Delhi	MITCON in association with STBCET.	16-08-2000 to 29-08-2000	2 Week

02	ISTE-AICTE Sponsored Short Term Training Programme on “Opportunities and Challenges in High Precision Manufacturing: Vision 2020”	Department of Mechanical Engineering of Dr. Babasaheb Ambedkar Technological University, Lonere.	18-12-2002 to 30-12-2002	2 Week
03	Two weeks AICTE-sponsored Staff development Programme on “Recent Developments in Manufacturing Technology”	Department of Mechanical Engineering, M V S R Engineering College Hyderabad	15-12-2003 to 27-12-2003	2 Week
04	National conference on Machine Design	Department of Mechanical Engineering of Amrut Vahini College of Engineering, Sangamner	27-02-2004 to 28-02-2004	2 days
05	One Week Short Term Course on “Smart Actuators” during March 27-31, 2006, sponsored by ISTE.	Department of Mechanical Engineering, B.L.D.E. A’s Vachana Pitamaha Dr.P.G. Halakatti college of engineering & Technology, Bijapur.	27-03-2006 to 31-03-2006	1 Week

06	Two-day workshop on “Research Methodologies	Department of Mechanical Engineering, Maharashtra Academy of Engineering Alandi, Pune.	28-02-2008 to 29-02-2008	2 days
07	One Week training program on” Finite Element Analysis (FEA). Sponsored by TEQIP	Department of Automobile Engineering, RIT Rajaramnagar.	10-02-2009 to 14-02-2009	1 Week
08	Two-week ISTE workshop on “Introduction to Research Methodologies” under the National Mission on Education through ICT(MHRD)	Indian Institute of Technology Bombay	25-06-2012 to 04-07-2012	2 Week
09	One-week TEQIP-Short Term Training Programme on “Soft computing Tools and its Applications in Engineering (SOCTAPE-2013)”	TEQIP Phase-II under CEP at Government College of Engineering, Aurangabad	03-06-2013 to 07-06-2013	1 Week
10	One Week workshop on “Developments in Welding	Department of Mechanical Engineering, Dr. Babasaheb Ambedkar Technological	08-03-2016 to 12-03-2016	1 Week

	Technology” under TEQIP.	University, Lonere, Dist Raigad		
11	ISTE approved one-week National level Short Term Training Program on “Modelling & Simulation”	Department of Mechanical Engineering, Maharashtra Institute of Technology, Aurangabad	27-06-2016 to 02-07-2016	1 Week
12	ISTE approved one-week Short Term Training Program on “Optimization Techniques in Mechanical Engineering”	Department of Mechanical Engineering, N B Navale Sinhgad College of Engineering, Solapur	26-12-2016 to 30-12-2016	1 Week
13	One Week ATAL online FDP on Augmented Reality/Virtual Reality	SVNIT, Surat.	18-05-2020 to 22-05-2020	1 Week
14	One Week ATAL online Elementary FDP on "Design of Experiments and Artificial Neural Network" during 16 th Aug - 20th Aug 2021.	ATAL (AICTE Training and Learning Academy)	16-08-2021 to 20-08-2021	1 Week
15	IIIE SPCE Student Chapter approved one-week National	Sardar Patel College of Engineering and Federation of Education	18-12-2021 to 22-12-2021	1 Week

	Level Faculty Development Program in "Higher Education: - Perspectives of NEP" under IQAC SPCE	Leaders And Administrators (FELA)in collaboration with SAE India Western Section and IIIE SPCE student chapter		
16	AICTE-ISTE approved orientation/refresher Programme on “Advanced Materials and Manufacturing for Industry 4.0”	Shri Sant Gajanan Maharaj College of Engineering Shegaon, Buldhana Maharashtra	22-02-2022 to 28-02-2022	1 Week

No of Projects Supervised:

PG – 03

UG – 15

Association with Professional Bodies :Life member of Indian Society for Technical Education (ISTE), New Delhi.

Name & Designation (HOD/Dept)