



**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 MECHANICAL ENGINEERING**



**Faculty Profile**

**Name: SAMEER SURENDRA MANE**

**Designation: Assistant Professor**

**Contact Information:** E-mail Id: ssm.stbcet@gmail.com

Contact No.: 9028566018



**Educational Background:**

- B.E.(Mechanical Engineering)
- M.E. (Mechanical Design)
- Perusing - Ph.D. (Mechanical Engineering)

**Professional Experience:**

**Teaching: 16 Years,**

**Industry: 4 Years**

**Publications [Publication title, journal, year] (Journal):**

Sr. No.	Title of Journal	Date/Period	Title of Paper
1	IJARET – 2013, Vol. 4, Issue 3, pp.62-67 ISSN:0976-6480 (Print) ISSN: 0976-6499 (Online)	April 2013	Review of Vibration Analysis with Digital Image Processing
2	IJRASET, ISSN:2331-9652, Volume 7, Issue IV	April -2019	Modeling, Analysis and optimization Front Axle of Alto Maruti-800 LMV Car for Weight Reduction

3	International Research Journal of Engineering and Technology (IRJET) Volume: 11 Issue:11 p-ISSN: 2395-0072, e-ISSN: 2395-0056	NOV 2024	Development of a Smart Seed Sowing Machine for Enhancing Agricultural Productivity
4	International Journal of Recent Research in Civil and Mechanical Engineering (IJRRCME), ISSN 2393-8471, Vol. 11, Issue 2, pp: (9-17)	October 2024 – March 2025	Solar Powered Fertilizer Sprayer Machine for Small Scale Farmers

**Publications [Publication title, journal, year] (Conference):**

Sr. No.	Name of Conference	Date/Period	Conference Details	Role
1	International Conference on “New development and challenges in Engineering, Technology and Management” – ICNDCETM - 2012	22 March 2012	ISSN-2277-4726, YadavravTasgaonkar Group of Institute, Karjat, Maharashtra,	Paper Presented
2	2 <sup>nd</sup> International Conference on, “Advancements in Engineering & Management”-	27 & 28 Feb 2013	Royal Institute of Technology & Science- Hyderabad	Paper Presented

**Course/ Seminar/Workshop/FDP Attended:**

**Two Week FDP/ STTP**

Sr. No.	Title /Name of Course Seminar/Workshop/FDP	Organizers Details	Date

1	AICTE sponsored, "Precision Engineering and Machining Processes"	Anurag Group of Institutions, Hyderabad	14/11/2019 to 27/11/2019
2	Online AICTE Recognized Faculty Development Programme on Refresher Course on Essential Physics and Mathematics for Engineers	Applied Science Department NITTTR, Chandigarh	01/02/2021 to 12/02/2021
3	AICTE Sponsored Two weeks Online Faculty Development Program on "Electric Vehicles with Smart Grid Integration (Phase- I)	Bonam Venkata Chalamayya Institute of Technology & Science Batlapalem, AMALAPURAM- 533221, East Godavari District, Andhra Pradesh.	15/3/2021 to 27/3/2021
4	AICTE Sponsored Two weeks Online Faculty Development Program on "Electric Vehicles with Smart Grid Integration", [Phase-I],	Department of Electrical and Electronics Engineering,  BonamVenkataChalamayya Institute of Technology & Science, Amalapuram, Andhra Pradesh	10/4/2021 to 24/4/2021
5	Simulation Software Tools for Researchers with Impactful Writing Research Publications	Sinhgad College of Engineering, Pune	02/08/2021 to 13/08/2021
6	Online AICTE Recognized Faculty Development Programme on Refresher Course in Mechanical Engineering	Mechanical Engineering Department  NITTTR, Chandigarh	14/06/2021 to 25/06/2021
7	"Advances and Applications of Artificial Intelligences and Machine	STES,s Sinhgad College of Engineering, Pune, Maharashtra	22/11/2021 to 2/12/2021

	Learning(AIML)" approved by AICTE-ISTE		
8	NPTEL, "Engineering Metrology" – Elite Silver Certificate	NPTEL	Jul-Oct 2021

### One Week FDP/ STTP

Sr. No.	Title /Name of Course Seminar/Workshop/FDP	Organizers Details	Date
1	ISTE sponsored, "Mission 10X workshop"	WIPRO Technologies collaborated with Shree Tuljabhavani College of Engineering Tuljapur	14/12/2009 to 18/12/2009
2	Automotive Engineering	RIT, RAJARAM NAGAR ISLAMPUR,Sangali	30/12/2013 to 3/01/2014
3	Experimental designs for optimization	Osmania University, Hyderabad	19/05/2014 to 23/05/2014
4	ISTE sponsored, "Vibration Monitoring and Analysis Using FFT Analyzer"	AnnasahebDange College of Engineering Ashta, Sangali	28/12/2015 to 1/1/2016
5	TEQIP-III, Online Workshop on "Next Generation Software Tools & Trends for Industrial Solutions: Current Practices	Department of Computer Science and Engineering, Government College of Engineering, Aurangabad	13/6/2020 to 17/6/2020
6	"Challenges and Opportunities in Recent Emerging Technologies	TEQIP-III, Department of Chemical Engineering SGGSI & T Nanded, Maharashtra	6/7/2020 to 10/7/2020
7	PLC Programming for Industrial Applications	Mechanical Engineering Department NITTTR, Chandigarh	27/7/2020 to 31/7/2020

8	Online Faculty Development Program on “Recent Trends in Mechatronics and Automation”	Department of Mechanical Engineering and Electronics & Telecommunication Engineering, NBN Sinhgad School of Engineering, Ambegaon (Bk) Pune-41.	30/6/2020 to 04/6/2020
9	“AICTE Sponsored One Week Online Short Term Training Program” on “Modeling and Analysis using MATLAB and Python for Mechanical Engineering Applications”	Department Of Mechanical Engineering, VNR VignanaJyothi Institute Of Engineering And Technology VignanaJyothi Nagar, Pragathi Nagar, Nizampet(S.O, Hyderabad, Telangana,	3/8/2020 to 8/8/2020
10	AICTE AQIS Sponsored Short Term Training Program on, “ Advance in Additive Manufacturing	Siemens Centre of Excellence for Digital Manufacturing and Robotics-NAFETIC at Y.C. College of Engineering, Nagpur	24/8/2020 to 29/8/2020
11	Online Faculty Development Program on “Advanced Optimization Techniques for Research Problem Solving”	Department of Mechanical Engineering (Mechatronics), Mahatma Gandhi Institute of Technology, Hyderabad	4/8/2020 to 8/8/2020,
12	Online AICTE Recognized Faculty Development Programme on Outcome Based Education in Mechanical Engineering	Mechanical Engineering Department NITTTR, Chandigarh	28/06/2021 to 02/07/2021
13	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Augmented Reality (AR) And Virtual Reality (VR) In Engineering Applications"	Anurag Group of Institutions, Hyderabad	5/7/2021 to 9/7/2021
14	AICTE Quality Improvement Scheme (AQIS) sponsored online Short Term Training Program on “Innovative & Inventive Problem Solving”	Department of Production Engineering, AISSMS COE, Pune	13/7/2021 to 18/7/2021.

15	AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Elements of FEM"	Government Engineering College, Bharuch.	26/07/2021 to 30/07/2021
16	AICTE sponsored, "Developing R&D Culture in Educational Institute through Project based Learning"	Poornima College of Engineering, Kota	1/3/2021 to 6/3/2021
17	Online AICTE Recognized Faculty Development Programme on "Outcome Based Education in Mechanical Engineering"	Computer Science and Engineering Department, National Institute of Technical Teachers Training and Research Chandigarh Ministry Of Education, Government Of India	2/8/2021 to 13/8/2021
18	Faculty Development Programme (FDP) on "Innovations in Additive Manufacturing"	Department of Mechanical Engineering, BVCoEL, Pune (MS) India-412115	13/09/2021 to 17/09/2021
19	online FDP on "Advance in Mechanical Engineering for Research"	Pravara Rural College of Engineering, Loni	27/9/2021 to 1/10/2021
20	AICTE QIP sponsored Online STC on "Intelligent Nano-photonics"	Computer Science and Engineering Department, National Institute of Technical Teachers Training and Research Chandigarh Ministry Of Education, Government Of India	04/10/2021 to 09/10/2021
21	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Robotics and Artificial Intelligence"	K.I.T's College of Engineering (Autonomous), Kolhapur	08/11/2021 to 12/11/2021
22	AICTE-ISTE approved "Industry 4.0: Preparedness of Academia to meet The Challenges"	Walchand College of Engineering, Sangali	28/2/2022 to 5/3/2022

**Courses/Subject Taught:** 1) Mechatronics, 2)Robotics, 3)Renewable Energy Sources  
4) Energy and Environmental Engineering,  
5) Solar Energy, 6) Industrial Hydraulics and Pneumatics,  
7) Metrology and Quality Control

**Awards and Honors:**

<b>Sr. No.</b>	<b>Academic Outreach</b>	<b>Year</b>
1	Letter of appreciation as Best Teacher	5/9/2018
2	Letter of appreciation as Best Teacher	5/9/2019
3	Letter of appreciation as Best Teacher	5/9/2020

**Association with Professional Bodies:**Life member - Indian Society for Technical Education

**Personal information:**

Date of Birth: 05 November 1981

Address: "Vardayeeni Niwas",

Latur Road, Tuljapur, Dis.- Dharashiv

Languages Known: Marathi, Hindi, English

Hobbies: Music

**Name & Designation(HOD/Dept)**