

FACULTY PROFILE

1. **Name:** Sachin R Jambhale
2. **Designation:** Asst Professor & Head
3. **Department:** Mechanical
4. **Date of Joining the Institution:** 06/10/2000
5. **Qualification:** BE (Mech), M Tech, PhD (Pursuing)
6. **E-mail ID:** hodme@coet.in
7. **Total experience (in years) :**
 - a) **Teaching experience (in years)** 16
 - b) **Industry experience (in years) :** Nil
 - c) **Research Interests / Areas of Specializations**
 1. Advance Manufacturing Processes.
 2. Friction Welding.
 3. Response Surface Methodology
 4. Design of Experiments.



8. Publications:

Papers in Journals/Conference/Seminar/Proceedings:

Sl. No	Title of the paper	Title of conference/seminar volume	Year of publication	Publisher
1	An Overview Of Failure Analysis Tools In Reliability Management	ETME 2012,	2012	TIT , Bhopal
2	An Overview Of Six Sigma Improvement Tools	RIME 2014,	2014	TIT, Bhopal
3	An overview of Six Sigma, Methodology, implementation and improvement tools & future of Six Sigma	REMCE 2014	2014	AKGEC Ghaziabad, Uttar Pradesh.
4	Friction Stir Spot Welding-process parameters and its effect on Mechanical properties: A Review .	13 th ICIMPACT International Conference	2014	MANIT, Bhopal, India.
5	Effect of Process Parameters & Tool Geometries on Properties of Friction Stir Spot Welds: A Review	Universal Journal of Engineering Science 3(1): 6-11, 2015 DOI: 10.13189/ujes.2015.030	2015	Horizon Research Publishing

9. Conference/Workshop/Seminar participated:

Sl. No.	Title	Organized by	Year/Month
1	International Conference on “ Challenges and Strategies for Sustainable Energy , Efficiency and Environment ‘at Vardam Auditorium, Geological Survey of India, Aliganj, Lucknow –UP - India	UPTU	June , 10-11,2006
2	Seminar on Advancements in Manufacturing Techniques(AMT- 2009) ,	Northern India Engineering College,FC-26, Shastri Park, New Delhi,India.	27 th February, 2009
3	Workshop on “Intellectual Property for Technical Institutions”	MGM’s College of Engineering & Technology, A-9, Sector 62, Noida,UP,India.	13 th November,2010
4	INDO US Workshop on FABRIONICS 2010	MGM’s Jawaharlal Nehru Engineering College ,N-6, Cidco , Aurangabad, Maharashtra.	17 th Dec to 21 st Dec, 2010
5	Summer Faculty Research Fellow Programme at Indian Institute of Technology Delhi under the mentorship of Prof P Venkateswara Rao	IIT Delhi	, 20 th May 2011- 12 th July, 2011.
6	1st World Summit on Accreditation (WOSA-2012) at Hotel Ashok, New Delhi	National Board of Accreditation	25th -28th March, 2012
7	Two days ISTE workshop for teacher’s on Aakash for education Under the National Mission on Education through ICT (MHRD, Govt. of India) , MGM’s College of Engineering & Technology, A-9, Sector 62, Noida,UP,India.	IIT Mumbai	10 th Nov,2012 & 11 th Nov,2012
8	One week ISTE workshop for coordinator’s on Engineering Thermodynamics Under the National Mission on Education through ICT (MHRD, Govt. of India)	IIT Bombay.	20 th Nov,2012 to 24 th Nov,2012

9	Two week ISTE workshop on Engineering Thermodynamics Under the National Mission on Education through ICT (MHRD, Govt. of India) , , MGM's College of Engineering & Technology, A-9, Sector 62, Noida,UP,India	IIT Mumbai	11 th Dec,2012 to 21 st Dec,2012
10	Two days ISTE workshop on Research Methods in Education Technology Under the National Mission on Education through ICT (MHRD, Govt. of India) , MGM's College of Engineering & Technology, A-9, Sector 62, Noida,UP,India.	IIT Mumbai	2 nd Feb,2013 & 9 th Feb,2013
11	One day Workshop on Design Science Research Methods: Innovating ICT	Mahamaya Technical University	Wednesday, May 22, 2013
12	. One week ISTE workshop for coordinator's on Engineering Mechanics Under the National Mission on Education through ICT (MHRD, Govt. of India) , IIT Bombay.	IIT Mumbai	16 th September, 2013 to 20 th September,2013
13	Two week ISTE workshop on Engineering Mechanics Under the National Mission on Education through ICT (MHRD, Govt. of India) , , MGM's College of Engineering & Technology, A-9, Sector 62, Noida, UP, India.	IIT Mumbai	26 th November, 2013 to 6 th December,2013
14	One day Workshp on ,Modelling and Simulation of Refinery Process, at Uttar Pradesh Technical University, Noida.	Organized jointly by Petroleum Federation of India, Lovraj Kumar Memorial Trust & Uttar Pradesh Technical University in knowledge partnership with Indian Oil Corporation Limited (R & D)	September 22,2014
15	Three days Conference on "Challenges & opportunities in Technical Education in the era of Sustainable Development"	HVP Mandals College of Engineering & Technology, Amravati, Maharashtra.	9 th January to 11 th January, 2016

10. Conference/Workshop/Seminar organized

1. One day Seminar on " Micro/ Meso –Scale Manufacturing Processes & its Applications " given by Prof. Kornel Ehmann, Faculty ,Manufacturing and Design Engineering (MaDE) Program, Northwestern University, Chicago, on 8th December, 2015 at MGM's College of Engineering & Technology, A-9, Sector 62, Noida,UP,India.

11. Lectures Delivered

1. Delivered Lecture on Role of ISTE in Technical Education at IIMT Engg College , Greater Noida in Inauguration of ISTE Faculty Chapter on 24th December, 2015
2. Delivered Lecture on Emerging trends in Engineering in Seminar at ITS Engg College , Greater Noida organized by ISTE Faculty Chapter on 12th March, 2016

11. Membership to professional Organization/Associations:

Sl. No.	Name of the Association/Organizations	Life member/Ordinary member
1	ISTE New Delhi	Life Member (LM No 68205)

11. Any other Information:

- a) Nominated Member, National Executive Council of Indian Society for Technical Education (ISTE), for Uttar Pradesh & Uttaranchal Section for the term, 2015- 17.
- a) Developed Adda (Frame) used for Zari Zardozi work in association with National Centre for Design and Product Development (NCDPD), New Delhi. (Funding and Collaborating Agency, NCDPD (Ministry of Textiles) , Amount of Grant 1.7 Lacs.)
- b) CS, ACS, Group Leader (Flying Squad) for University Exams,
- c) Dy Coordinator for Evaluation Centre,
- d) Head Examiner for different subjects,
- e) HOD of Mechanical, Civil & Applied Sciences
- f) Faculty Adviser for ISTE students Chapter at Mahatma Gandhi Missions College of Engineering & Technology, Noida, Uttar Pradesh since 2012.
- g) Coordinator for development and commissioning of different labs of Mechanical & Civil Engg involved from the stage of calling quotations, preparing comparative statement, commercial and technical discussions, installation and commissioning.