

## **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:**

<b>Sl. No</b>	<b>Title of the paper</b>	<b>Title of conference/seminar volume</b>	<b>Year of publication</b>	<b>Publisher</b>
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 <sup>th</sup> 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:**

<b>Sl. No.</b>	<b>Title</b>	<b>Organized by</b>	<b>Year/Month</b>
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 <sup>th</sup> February, 2009
3	Workshop on “Intellectual Property for Technical Institutions”	MGM’s College of Engineering & Technology, A-9, Sector 62, Noida,UP,India.	13 <sup>th</sup> November,2010
4	INDO US Workshop on FABRIONICS 2010	MGM’s Jawaharlal Nehru Engineering College ,N-6, Cidco , Aurangabad, Maharashtra.	17 <sup>th</sup> Dec to 21 <sup>st</sup> 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 <sup>th</sup> May 2011- 12 <sup>th</sup> 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 <sup>th</sup> Nov,2012 & 11 <sup>th</sup> 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 <sup>th</sup> Nov,2012 to 24 <sup>th</sup> 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 <sup>th</sup> Dec,2012 to 21 <sup>st</sup> 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 <sup>nd</sup> Feb,2013 & 9 <sup>th</sup> 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 <sup>th</sup> September, 2013 to 20 <sup>th</sup> 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 <sup>th</sup> November, 2013 to 6 <sup>th</sup> 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 <sup>th</sup> January to 11 <sup>th</sup> 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 8<sup>th</sup> 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 24<sup>th</sup> December, 2015
2. Delivered Lecture on Emerging trends in Engineering in Seminar at ITS Engg College , Greater Noida organized by ISTE Faculty Chapter on 12<sup>th</sup> 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.