

Mr. SANTOSH KULKARNI



Designation : Associate Professor, I/c HOD
Dept. of Mech.Engg.
Qualification : M.Tech
Specialization : Mechanical Engineering
(CAD/CAM)
Experience : 24 Years
Date of Joining : 16-08-2016
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JNTUH Registration Number : **7914-150421-140228**

Academic Qualifications:

- M.Tech (CAD/CAM) in June 2008 from Swami Ramanand Teerth Maratwada University, Nanded, Maharashtra.
- B.E. (Mechanical Engineering) in May 1995 from Gulbarga University, Karnataka.

Work Experience: 21 Years Teaching + 3 Years Industrial Experience

- Presently Working as Associate Professor in Department of Mechanical Engineering in C M R College of Engineering & Technology, Hyderabad since 16th August 2016 .
- Worked as Associate Professor in Mechanical Engineering in Aurora's Engineering College, Bhongir, Hyderabad from Jan'09 to Aug'16. (7 ½ Years)
- Worked as Assistant Professor in Mechanical Engineering in Guru nanak Dev Engineering, Bidar, Karnataka, from Nov'98 to Dec'08. (10 Years)
- Worked as Production Engineer in Meltron Engineering Ltd.Pune, (MH) from 1995 to 1998. (3 Years)

Administrative Experience:

- Working as I/c HoD, Department of Mechanical engineering Since 8th July 2019.
- Worked as Head of the Department of Mechanical Engineering in Aurora's Engineering College, Bhongir, Hyderabad, from 2013 to 2016. (3 Years)
- Mechanical Engineering department of Aurora's Engineering College, Bhongir, Nalgonda Dt. got accredited by NBA in June 2009.

- Coordinator in preparing student hand books at Aurora’s Engineering College, Bhongir, Nalgonda Dt.
- Established Major laboratories of M.Tech (Thermal Engineering) and M.Tech (Machine design) and upgraded other B.Tech Laboratories at Aurora’s Engineering College, Bhongir, Nalgonda Dt.
- Coordinator for DROIZ (Yantra), a student robotic National Level event Organized by Department of Mechanical Engineering from 2009 to 2015 at Aurora’s Engineering College, Bhongir, Nalgonda Dt.
- Coordinator for Discipline Committee at College level from 2009 to 2015 in Aurora’s Engineering College, Bhongir, Nalgonda Dt.
- Coordinated Various committees of SANGAMA & ANANYA, a college level event conducted from 2010 to 2015 at in Aurora’s Engineering College, Bhongir, Nalgonda Dt.

Subjects Taught:

- Engineering Graphics
- Engineering Drawing
- Elements of Mechanical Engineering
- CAD/CAM
- Alternate Energy Sources
- Robotics
- Mechatronics
- Micro Processors
- Automobile Engineering
- Thermodynamics
- Thermal Engineering-I
- Thermal Engineering-II
- Production Technology
- Machine Tools
- Advances in Manufacturing

Achievements/Publications/Workshops/Seminar/Guest Lectures

Journal Publications/Conference Presentations:

Journal s:

1. B. Srinivasa Varma, Santosh Kulkarni & Somvir Singh Nain (2018) “**Influence of Different Electrodes Material on MRR of EDM of Die Steel**”,Global Journal of Engineering Science & Research, pp. 236-240 (UGC Approved). [Link](#)

Conference Presentations:

International Conferences:

1. B. Srinivasa Varma, Santosh Kulkarni & Somvir Singh Nain (2018) “**Influence of Different Electrodes Material on MRR of EDM of Die Steel**” Proceedings of International Conference on Advances in Mechanical Engineering (ICAME 2018) , organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, Hyderabad, India from 21 -22, December 2018. (ISBN : 978-81-923800-1-8). [Link](#)

NPTEL Online Certifications Awarded:

1. Robotics with Elite Certification (August-September 2018)

Workshops Conducted/ Events Organized:

1. Smart India Hackathon 2018 on 30th and 31st March 2018 at CMR College of Engineering & Technology, Hyderabad.
2. Latest Orientation on **Engineering Graphics** from 13th to 17th December 2016 at CMR College of Engineering & Technology, Hyderabad.
3. One week Faculty Development Programme on **Engineering Graphics** from 24th to 29th July 2017 at CMR College of Engineering & Technology, Hyderabad.
4. Two day national level Faculty Training Program on Pro-E at from 5th to 6th December 2013 at Aurora’s Engineering College.

Workshops Attended:

1. Ten days workshop on “**Train The Teachers For The Mandatory AICTE Students Induction Programme**” From 25/05/19 to 03/06/2019 at CMR College of Engineering & Technology, Hyderabad.
2. Two week DST sponsored Faculty Development Program **on Metaheuristic Optimization Algorithms in Engineering** organized by E & ICT Academy, National Institute of Technology Warangal, Telangana State from 6th to 15th May 2019 at CMR College of Engineering & Technology, Hyderabad.
3. Attended 6th **International Conference on Transformations in Engineering Education** as Delegate on 7th and 8th January 2019 at Malla Reddy Engineering College (Autonomous), Hyderabad, India.
4. Attended Ion idea sponsored Workshop on Outcome Based education plat form as Delegate on 7th January 2019 in 6th **International Conference on Transformations in Engineering Education** at Malla Reddy Engineering College (Autonomous), Hyderabad, India.
5. Two day National level Workshop on **Additive Manufacturing Technology** organized by Department of Mechanical Engineering, CMR Institute of Technology on 26th & 27th October 2018.

6. Participated in **One Day** invited lecture on **Current Trends in Precision Engineering** by Prof. V C Venkatesh, University of Nevada, Las Vegas, USA on 7th September 2018, organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, Hyderabad.
7. Attended One Week Faculty Development Program on' **"Product Design Engineering using Fusion 360"** held during 04-07-2017 to 08-07.2017 organized by Department of Mechanical Engineering at Vardhaman College of Engineering, Hyderabad.
8. Attended Two Week Faculty Development Program on "**Computer Aided Design And Analysis**" held during 04th -18th June 2018, organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, Hyderabad.
9. Three Day Faculty Development Program on "**IUCEE International Engineering Educator Pre-Certification Workshop**" organized by IUCEE at CMR College of Engineering & technology, from 14.05.2018 to 16.05.2018.
10. Two-week Faculty Development Program on **Current trends in Materials and Manufacturing** from 15th May 2017 to 27th May 2017 at CMR College of Engineering & Technology, Hyderabad.
11. **Mission 10 X workshop** conducted at Aurora's Scientific, Technological & Research Academy, Bandlaguda, Hyderabad from 27-31 December 2010.
12. Three day workshop on the application of **CFD Tools for Modeling and Analysis of turbo Machinery Components** from 9th-11th July 2010 at Sri Nidhi Institute of Science & Technology, Hyderabad .
13. UGC Sponsored National Seminar on **Non Conventional Energy Sources** from 12th to 13th March 2010 at Karnataka Arts, Science and Commerce College, Bidar.
14. Two day Work shop on **Automotive Electronics** from 28th to 29th January 2005 at MS Ramaiah School of Advanced Studies, Bangalore.
15. **27th Series of KSCST student Project seminar Cum Exhibition** held on 24th & 25th September 2004 at Gogte Institute of Technology, Belgaum, Karnataka.
16. One day Seminar on **Principles and Practices of Industry Institute Interaction** on 11th September 2004 at Poojya Doddappa Appa College of Engineering, Gulbarga, Karnataka.
17. Three day workshop on **Faculty Development Work shop** from 21st to 23rd August 2004 at Gurunanak Dev Engineering College, Bidar, Karnataka.
18. Two day National Conference on **CAD/CAM** from 29th to 30th July 2004 at Gurunanak Dev Engineering College, Bidar, Karnataka.
19. One day Workshop on Effective Teaching skills Conducted by M.I.Nehruji , Corporate Trainer, Bangalore at Rotary Club of Bidar Fort on 14th October 2000

Guest Lectures/Resource Person:

1. Resource Person for Engineering Drawing in One week Faculty Development Programme on **Engineering Graphics** from 24th to 29th July 2017 at CMR College of Engineering & Technology, Hyderabad.
2. Latest Orientation on **Engineering Graphics** from 13th to 17th December 2016 at CMR College of Engineering & Technology, Hyderabad.
3. Resource Person for Engineering Drawing in two day Faculty Development Programme from 18th to 19th July 2014 in St. Martin's Engineering College, Secunderabad.
4. Guest Lecturer for Engineering Drawing to B.Tech Students of Ramappa Engineering College, Warangal on 29th and 30th April 2010.
5. Resource Person for AUTO CAD & its Applications in Industry to Students of B.Tech (Mech.Engg.) & B.Tech (Civil Engg) from 1st to 3rd February 2010 in Aurora's Scientific, Technological & Research Academy, Bandlaguda, Hyderabad.

Memberships in Universities/Professional Societies:

1. Member of Society of Automotive Engineers (SAE) No. 7140413784

OTHER ACHIEVEMENTS:

1. Judge for Student Convention 2017-18 SAE Tier II Level events held at CMR College of Engineering & Technology, Hyderabad on 30th December 2018.
2. Judge for SAMUDYAMA, College Level Project Expo on 12th April 2016 at Aurora's Technological and Research Institute, Hyderabad.