



Mr. K Sarupya Santhosh

Assistant Professor



Education Qualifications: Master of Engineering (M.E)
Specialization: Tool Design

ADDRESS:

- B – Block -Room No -106

JNTUH ID:

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DATE OF JOINING:

24-02-2015

EXPERIENCE - 15 Years

- Teaching - 7
- Industry -1

SUMMARY:

- Publications - 8
- Patents – 1

EVENTS:

- Attended - 45

Membership of Professional Bodies:

1. Life Member of Indian Society for Technical Education (ISTE)
2. Life Member of Indian Institute of Metals (IIM)

Responsibilities Held at Institution Level:

1. Member in Anti-ragging committee to make sure that there is no ragging activity taking place in and around campus.
2. Invigilating for smooth conducting of internal and external examinations.

Responsibilities Held at Department Level:

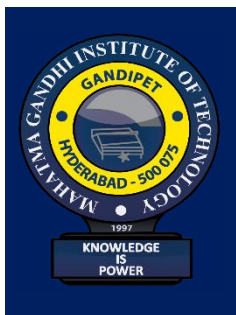
1. Regular updation and filing of attainments of course outcomes and program outcomes for NBA and NAAC
2. Assisting workshop in-charge for designing the experiments and maintaining workshop stores.
3. Member of IQAC at department level for regular updating and filing of various departmental activities.

Courses Handled at Undergraduate /Post Graduate Level:

- **UG:** Kinematics of Machinery, Dynamics of Machinery, Mechanics of Solids, Machine Drawing and Computer Aided Graphics.

Publications:

1. P. Shashidar, K. S. Santhosh, G. S. Reddy, and K. S. Kumar, "Effect of Rotational Moulding Process Parameters in Blending of Virgin with Recycled PVC Tanks," Bull. Monum., vol. 22, no. 4, pp. 136–141, 2021.
2. P. Shashidar, K. S. Santhosh, K. S. Kumar, G. S. Reddy, and S. Ajay, "PARAMETERS OPTIMIZATION IN EXTRUSION PROCESS OF BLENDED VIRGIN WITH RECYCLED PVC PIPE USING TAGUCHI METHOD," Int. J. Appl. or Innov. Eng. Manag., vol. 10, no. 2, pp. 21–32, 2021.
3. K. S. Santhosh and B. G. Reddy, "Design And Automation Of In- Line Forklift," Int. J. Grid Distrib. Comput., vol. 14, no. 1, pp. 208–215, 2021.
4. K. S. Santhosh and G. K. M. Rao, "EFFECT OF POST WELD HEAT TREATMENT ON MICROHARDNESS OF," vol. 8, no. 7, pp. 731–734, 2021.
5. K. S. Santhosh, "Design of Core Carrier Assembly Fixture For Cylinder Block," J. Xi'an Univ. Archit. Technol., vol. XIII, no. 3, pp. 380–387, 2021.
6. G. S. Reddy and K. S. Santosh, "DESIGN AND DEVELOPMENT OF GRAVITATIONAL VORTEX HYDRAULIC," J. Emerg. Technol. Innov. Res., vol. 8, no. 7, pp. 787–798, 2021.
7. S. P. Kumar, K. S. Santhosh, and G. S. Reddy, "GIS SCIENCE JOURNAL ISSN NO : 1869-9391 Effect Of SiC , Al 2 O 3 and TiO 2 Nanoparticle Reinforcement on the Tensile Behavior , Hardness And Impact Strength Of Dissimilar AA6061-AA6351 Friction Stir Welding," GIS Sci. J., vol. 8, no. 3, pp. 1164–1170, 2021.
8. K. S. S, Kalahasti Sirisha, "AN EXPERIMENTAL INVESTIGATION OF PRODUCTION OF ACTIVATED CARBON FROM COCONUT SHELL

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CHAR USING STEAM,” J. Huazhong Univ. Sci. Technol., vol. 50, no. 6, pp. 1–8, 2021.

Patents:

1. M. MOHAMMED, ARSHAD; KHAN, AMER ALI; MAAZ, AHMED; J, Dhanraj Pamar; G, Sreenivasulu Reddy; K, Sarupya Santhosh; Bireddy, Srinivasa Reddy; JAVED, SYED; Mirzana, Ishrat Meera; NBV, LAKSHMI KUMARI; MOHAMMED, SAJID and Shaik, “Patent number: 2021101556,” 2021.

Events Attended**FDPs/STTPs:**

1. AICTE Training and Learning (ATAL) Academy Online FDP on "3D Printing & Design" from 2020-11-2 to 2020-11-6 at University College of Engineering (Autonomous)
2. AICTE Training And Learning (ATAL) Academy Online FDP on "Tribology in Design and Manufacturing" from 2020-11-23 to 2020-11-27 at Indian Institute of Technology Jammu
3. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "3D Printing and Design" from 25/10/2021 to 29/10/2021 at University College of Engineering, Osmania University
4. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Simulation of Welds and Optimization Techniques" from 2021-07-12 to 2021-07-16 at ANNAMALAI UNIVERSITY
5. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Metallurgical Testing and Failure Analysis of Metals" from 13/09/2021 to 17/09/2021 at GIDC Degree Engineering College, Abrama, Navsari
6. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Design and Analysis using CATIA/ANSYS" from 20/09/2021 to 24/09/2021 at Dr Ambedkar Institute of Technology
7. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Processing of Novel Materials for Defense and Aerospace Applications" from 06/12/2021 to 10/12/2021 at Indian Institute of Technology Tirupati
8. AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Application of IoT in Aerospace Engineering" from 27/12/2021 to 31/12/2021 at Visvesvaraya Technological University
9. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "3D Printing & Design" from 08/11/2021 to 12/11/2021 at University college of engineering, osmania university

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. Awareness webinar on Outcome Based Education and Accreditation (OBE & A) on 25/11/2020 organized by JNTUH Hyderabad.
2. A webinar on Laser- Arc Hybrid Welding of High Performance Materials on 27/02/2021. Organized by IIW.

Online Certifications:

1. Completed a 8-week course on “Principles of Metal Forming” conducted by SWAYAM- NPTEL in July - September -2019.
2. Completed a 4-week course on “Introduction to Professional Scientific Communication” conducted by SWAYAM- NPTEL in Jan – March -2022.