

Mrs.C.Sucharitha

Assistant Professor

Education Qualifications: M.Tech (Mechanical Engineering)

Specialization:Advanced Manufacturing Systems



ADDRESS:

- B – Block -104

JNTUH ID:

7560-150505-170937

EMAIL:

csucharitha_mct@mgit.ac.in

DATE OF JOINING:

05-04-2015

EXPERIENCE – 7 Years

SUMMARY:

- Publications - 5
- Patents – 1

EVENTS:

- Organized - 1
- Attended - 47

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- <https://twitter.com/MGIThyderabad>

Membership of Professional Bodies:

1. Member of Indian Society for Technical Education (MISTE).

Responsibilities Held at Institution Level:

2. Monitoring and assisting as a student Bus-In charge and up keeping the files.
3. Member of Anti-Ragging Committee.
4. Campus Monitoring Duty.

Responsibilities Held at Department Level:

5. Directing the B.Tech Final Year Mechanical and Mechatronics Projects.
6. Mentoring the B.Tech Students
7. Supporting and up keeping NBA and NAAC Files
8. Class-In Charge

Research Guidance:

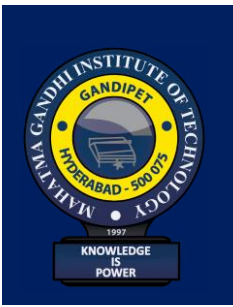
Honors/Awards Received:

Courses Handled at Under Graduate /Post Graduate Level:

9. **UG:** Engineering Graphics, Fluid Mechanics and Hydraulic Machines, Mechanics of Solids, Mechanics of Fluids and Hydraulic Machines.

Publications:

10. Dr.P.Nagasekhar Reddy ,Ms.C. Sucharitha “Realization of Hybrid Grid With Photovoltaic Cell and Fuel Cell System Using Simulink”, Aut Aut Research Journal, Volume XI, Issue IV, April/2020,pp.29-34,[ISSN NO: 0005-0601]
11. C.Sucharitha, Dr.P.Eswaraiah “Analysis and Estimation of Carbon Nanotube Diameter and Chirel Indices Using Matlab”, Aut Aut Research Journal, Volume XI, Issue X, October/2020 pp.346-351,[ISSN NO: 0005-0601]
12. C.Sucharitha“ *Mechanical Modelling Of Wind Turbine Speed And Pitch Angle For Different Speed Profiles*”, International Journal of Scientific Research and Engineering Development, Volume 11,Issue 6, June 2021,[ISSN NO: 1548-7741]
13. Mrs.C.Sucharitha, Dr.K.Ankamma Rao, “ Analysis of Functionally Graded Carbon Nanotube Reinforced Composite Cylindrical Shells”, International Journal of Management, Technology & Engineering, Volume 8, Issue V, pp.400-409,MAY/2018,[ISSN NO : 2249-7455]
14. Mrs.C.Sucharitha, Dr.J.SureshKumar, “Analysis of deep drawing process for various parameters using finite element analysis”, International Journal of Engineering Sciences & Research Technology, Vol.6 Issue 11, pp.400-409, Nov 2017[ISSN: 2277-9655].



Patents:

15. IOT based Autonomous Floor Disinfecting Smart UV Robotic System.

Events Organized:

FDPs/STTPs:

1. Organised as a Co-Coordinator, AICTE sponsored Online Short Term Training Program (STTP) SLOT-4 on "Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and Their Applications for Future Challenges"

Events Attended:

FDPs/STTPs:

16. AICTE sponsored Two weeks Faculty Development Program on "Recent Advances in Design and Development of Mechatronics & Robotic Systems" Organized in MGIT, Gandipet, Hyderabad from 4-16 December 2017.
17. Attended for a Two Day Online Workshop on "Online Tools and Software for Remote Teaching-Learning", organized by UGC-HRDC, JNTUH
18. Attended one week FDP on "Fabrication, Characterization & Strengthening Mechanism of Components"
19. Attended one week FDP on "Advances in Composite materials, Manufacturing processes and optimization Techniques"
20. Attended 20 Online FDP's

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

21. Refresher Course : Strength of Materials – An Effective teaching Learning Methodology-Refresher Course
22. Participated in 2-Day Workshop on "Adoption of Technology in Teaching and Learning" organized in MGIT, Gandipet, Hyderabad June, 2016
23. Attended 3-Day National level Seminar on "Feature Vehicle technologies for Green Environment", Organised by VNRVJIET, Hyderabad
24. Attended 20 Online Webinar's

Online Certifications:

25. NPTEL – Strength of Materials
26. Course era - Simulation Analysis for Mechanical Engineers with Auto Desk Fusion 360

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