Dr. G. Sreenivasulu Reddy

Assistant Professor

Education Qualifications: PhD, Mechanical Engg.
Specialization: Thermal Engineering

ADDRESS:
- B– Block -Room No 103

JNTUH ID: 46150407-184050

EMAIL:
gsreddy_mct@mgit.ac.in

DATE OF JOINING:
28-11-2011

EXPERIENCE - 15 Years
- Teaching - 15

SUMMARY:
- Publications - 6
- Conferences - 4

EVENTS:
- Attended - 12

Responsibilities Held at Institution Level:

1. Member of Anti-Ragging committee
2. Member of Campus Monitoring committee

Responsibilities Held at Department Level:

1. Mentoring the assigned students for the academic growth.
2. NBA, Autonomous Works
3. Class In-charge

Courses Handled at Under Graduate /Post Graduate Level:

1. **UG:** Thermodynamics, Fluid Mechanics & Hydraulic Machines, Heat transfer, Engineering Graphics, Thermal Science.

Publications:

1. Rakesh Kumar Gunda, Suresh Kumar Reddy Narala, Venkata Kasi Viswanadham Kolipakula, **Sreenivasulu Reddy Goda,** Experimental investigation to study the performance of solid lubricant during turning EN31 steel and Ti-6Al-4V alloy, materials today, science direct journal, Volume No.28, Issue No.2, Month &Year:Feb,2020, Page No., Pages 1227-1230.
2. **Sreenivasulu Reddy Goda,** Kalaivanan, R, Uday Kumar, R & Krishna Varma, KPV 2022, 'Convective Heat Transfer in Heat Exchangers Using Nanofluids: A Review', Ecological Engineering & Environmental Technology (An International Journal),(EEET), vol 23, no. 3, pp. 193–201, ISSN :2719-7050.
3. **Sreenivasulu Reddy Goda,** Kalaivanan, R, Uday Kumar, R & Dr.Prakash H.Jadhav 2023, 'Experimental and numerical investigation of thermo-hydrodynamic performance of twin tube counter flow heat exchanger using cerium oxide nanofluid', Numerical Heat Transfer, Part A : Applications, An International Journal of Computation and Methodology, Taylor & Francis Publications.
4. **Sreenivasulu Reddy Goda,** Kalaivanan, R, Uday Kumar, R, Krishna Varma, KPV 2024, 'Augmenting heat transfer performance in a heat exchanger with CeO2 nanofluids', Materials Research Innovations(An International Journal), Taylor & Francis Publications, vol 28, no.1, pp.19-31, ISSN(Print) :1432-8917, ISSN(Online) :1433-075X .
5. **Sreenivasulu Reddy Goda,** Kalaivanan, R, Uday Kumar, R & Prakash H.Jadhav, 2024, 'Influence of W-cut twisted tape inserts on heat transfer characteristics of a counter flow heat exchanger using CeO2 nanofluid – an experimental and numerical investigations', Numerical Heat Transfer, Part A : Applications, An International Journal of Computation and Methodology, Taylor & Francis Publications.

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6. Pidaparthy Maheshbabu, R. Ramkumar, **Goda Sreenivasulu Reddy**, M. Bakkiyaraj,Prakash H. ,Jadhav, Numerical investigation of mwcnt/zno hybrid nanofluid heat performance of a counter flow heat exchanger, Journal of mechanics of continua and Mathematical sciences, Vol.-20, No.-7, July (2025) pp 136-153 ISSN (Print) 0973-897.

Conferences:

1. **Goda Sreenivasulu Reddy,** Raghavendra N Ch, Mallikarjun, Ashok Babu T P, CFD analysis for optimum location of air conditioner in office to attain maximum thermal comfort, Proceedings of the National Conference on Refrigeration and Air conditioning NCRAC-2011, 7-9 July 2011, Indian Institute of Technology, Madras.

2. **Sreenivasulu Reddy Goda,** Kalaivanan, R & Uday Kumar, R 2021, 'Overview on heat transfer through tube using internal grooves and inserts', International Conference on Sustainable Energy Solutions for a Better Tomorrow,(SESBT-2021), pp. 23-24 July 2021, Vellore Institute of Technology (VIT), Chennai.

3. **Sreenivasulu Reddy Goda,** Kalaivanan, R & Uday Kumar, R 2021, 'Heat transfer enhancement on shell and coil type of heat exchanger using Sio2 and Cuo nano fluids', International Conference on Emerging Trends in Mechanical Engineering & Industrial Automation (ICETMEIA-2021), pp. 30-31 July 2021, Narasaraopeta Engineering College, Narasaraopeta, Guntur Dt. Andhrapradesh.

4. **Sreenivasulu Reddy Goda,** Kalaivanan, R, Uday Kumar, R & Prakash H.Jadhav, 2024, '*Performance evaluation of twin tube counter flow heat exchanger with W-cut twisted tape inserts in the performance of CeO2 – A numerical study*' in international conference on futuristic advances in mechatronics engineering for aerospace and defense during 04th & 5th October 2024 at symbiosis institute of technology, symbiosis international (Deemed University), Pune.

Events Attended:

FDPs/STTPs:

1. One Week: 12