

Mr. K. GIRISH



Designation : Assistant Professor,
Department of Mechanical Engineering.

Qualification : M.Tech

Experience : 01 year

Specialization: Mechanical Engineering
(Thermal Engineering)

Date of Joining: 24-06-2019

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Academic Qualifications

- M. Tech. (Thermal Engineering) from Jawaharlal Nehru Technological University, Hyderabad in 2017
- B. Tech (Mechanical Engineering) from Vignan University, Guntur, in 2013.

Experience

- Working as Assistant Professor in CMR College of Engineering & Technology, Hyderabad in Department of Mechanical Engineering from 24-06-2019.
- Worked as Assistant Professor in Gokaraju Rangaraju institute of Engineering and Technology from 26-05-2017 to 26-05-2018.

Projects/Publications/Workshops/Achievements

Research Project:

Successfully completed Research Project on “Design and Fabrication Of “Cyclone Separator for Cotton Boll Collection” from **CSIR-CMERI-MERADO at Centre of Excellence for Farm Machinery, Ludhiana.**

Publications in Journals:

K.Girish, Gopinath Lavu, AbhilashAbusui “Experimental Investigation On EDM Performance Parameters For He-30 Alloy”, **Materials Today: Proceedings** (International Journal of Procedia Engineering), Volume 5, Issue 9, Part 3, 2018, Pages 18887-18895, **Elsevier Publication**. [Link](#)

Workshops Attended:

1. One week short term training program on Advancements in Thermal Engineering (ATE-2018) organized during 19th – 24th February 2018 by the Department of Mechanical Engineering, **Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous), Hyderabad, Telangana State,India.**
2. Successfully completed an AICTE approved FDP (FDP201x) on “Pedagogy for Online and Blended Teaching-Learning Process” conducted by **IIT Bombay.**
3. Successfully completed an AICTE approved FDP (FDP101x) on “Foundation Program in ICT for Education” conducted by **IIT Bombay.**
4. Attended Faculty Development Program on “**Engineering Graphics using AutoCAD**”. organized by **Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous), Hyderabad, Telangana State,India,with BIMgraFX.**
5. Attended Faculty Development Program on “**Design Smarter Using PTC Creo 4.0**” organized by **Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous), Hyderabad, Telangana State,India** with **adroitec.**
6. Participated in zonal round of **RoboTryst-2012** a national level championship organized by **Robosapiens Technologies Pvt. Ltd.** In association with **E-Cell IIT-Kharagpur** and placed in top 5 position.

Achievements:

Secured 3rd place in a National level Debate Competition organized by NEDCAP & M.N.E.S., Government of India.

Research Plans:

1. Experimental investigation on Methanol and DME, blending with Diesel to improve performance, emission control in CI Engine with Anti corrosive coatings
2. Experimental investigation on resistance offered by boundary layer on fin surfaces.