

### **Department Activities:**

- A three day online FDP( Faculty Development Program)was organised by Bharatiya vijnana Mandali in association with IIIT Agartala, Dr.B.R.Ambedkar University Srikakulam- Dept of Mechanical Engineering, G.P.R.E.C., Kurnool on CFD( Computer Fluid Dynamics ) from 18-20 June 2020.
- A One day online webinar was organised by Department of Mechanical Engineering, G.P.R.E.C., Kurnool on “Analysis of Advanced Manufacturing processes Using Finite Element Packages” on 28 June 2020.
- A two day workshop ROBOTICA -2020 was organised by IEEE Robotics and Automation Society (RAS) SB in association with Department of Mechanical Engineering on 7th & 8th of March 2020 in GPREC, Kurnool. Under ROBOTICA 2020 two topics are covered , one is “HUMANOID” and other is “IOT WITH CLOUD ROBOTICS”. Around 200 Students from other colleges and also from G Pulla Reddy Engineering College( Autonomous), Kurnool had attended the workshop.
- A Total of 81 offers are obtained in placements by the students of current IV year, Department of Mechanical Engineering 2019-2020.
- Students of final year Mechanical Engineering received 102 Job offers during the Academic Year 2018-2019.
- Yerasu Sri Ram Reddy and Ms. M. Siri Chandana, passing out students of ME during consecutive years of 2018-19 and 2017-18 respectively, stood college toppers.
- Many of the students underwent Internships from reputed Institutions /organizations like DRDO, BHEL, RTPP, JSW cements, VSP, Ashok Leyland, Diesel Loco Shed (South Central Railways), SRFMTTI.
- Fourteen students were qualified in GATE 2019 and four students, in CAT 2018.
- Grant-in -aid of Rs. 10,00,000/- was sanctioned to Dr. B. sreenivasa Reddy by AICTE under MODROBS scheme for the Modernization of CAD/CAM Laboratory.
- Grant-in-aid of Rs. 17,50,000/- was sanctioned to Dr. H. Raghavendra Rao, and Dr. Y. V. Mohan Reddy, by AICTE under RPS scheme for the development of new composites.

- Dr G. Sankariah, Professor, and Dr H. Raghavendra Rao, Associate Professor, were sanctioned 'Young Research award' by UGC
- Grants-in-aid of Rs. 2,25,000/- and Rs. 2,45,000/- were sanctioned to Dr. M. Naga Phani Sastry and Dr. K. Devaki Devi, Associate Professors, by UGC under Minor project Scheme, for the Study of Alternative fuels and Optimization of Machining parameters in machining of heat treated Beryllium-Copper alloy extending its applications,
- Two full time scholars of the department were awarded Ph. D. degrees. Faculty of MED, Dr. Y. V. Mohan Reddy and Dr. H. Raghavendra Rao were guides for the two scholars respectively
- G. Sankariah, Professor, has guided part time scholar to his Ph. D. and is guiding another part time Ph. D. scholar.
- H. Raghavendra Rao, Associate Professor, has guided one part time scholar to her Ph. D.
- Faculty members, Dr. G. Sankariah et al., published a patent titled- Fuel Flow Volume Measuring Device
- R. Meenakshi Reddy, Associate Professor, co-authoring with other faculty members, presented two papers during 08-09 August, 2019 organized by Research center of Green Technologies, University of Nottingham, Malaysia.
- R. Meenakshi Reddy et al., Associate Professor of ME presented a paper on 30-31 of August 2018 at SOLARIS 2018, Chengdu, China. He was also sanctioned Travel grant by UGC for the same.
- R. Meenakshi Reddy et al., Associate Professor of ME, presented a paper during 16-18 January, 2018 organized by, University of Malaysia, Malaysia and was awarded with BEST PRESENTATION.
- Department has organized a one week workshop on Non Destructive Testing.
- G. Suresh Kumar (by Sri Venkateswara University, Tirupati in the year 2017), Dr. P. Hari Sankar (in the year 2017) and Dr. K. Devaki Devi, (in the year 2016) [by JNTUA, Anantapuramu] Associate Professors, were awarded Doctorate degrees.
- Most of the faculty members have published their research works in reputed journals/ presented at conferences. The number of publications in SCI/SCI-E/ESCI journals is 10 and that in Scopus indexed journals is 33 during 2018-19.

- Faculty members have successfully completed NPTEL courses of their interest that are deemed FDPs to upgrade their knowledge.