

FACULTY / STUDENT ACHIEVEMENTS

FACULTY ACHIEVEMENTS

- **Dr. N.Janardhan,Assistant Professor** and **Dr.Mvs Murali Krishna Professor,MED** have got accepted letter for a DRDO project on “Thermo structural studies on RCC structures for impact analysis with financial assistance of Rs.9,50,000.
- **Dr. Inturi Vamsi** Assistant Professor was conferred Speaker of eminence for a five-day online FDP on ‘Recent Trends in Mechanical Engineering’, ICFAI University, Jaipur during July 2021.
- **Dr. P. Ravinder Reddy**, Professor & Director R&D has won International Scientist Award (HISA 2021) on Engineering, Science and Medicine,26 &27 Feb.2021 Hyderabad, India by VDGGOOD Professional Association.
- **Dr.N.V Srinivasulu** Professor, has got Best Paper Award for the paper entitled “Influences of functionalized multiwalled carbon nano tube on the tensile and flexural properties of okra cellulose nano fibres/Epoxy nano composites” in the International conference on innovations in mechanical engineering (ICIME) on 26th and 27th Feb 2021.
- **Dr B.V.S Rao**, Assistant Professor has published a Patent on Machine Learning based ball throwing Machine on 2nd Oct 2020.
- **Dr. P. Ravinder Reddy**, Professor & Principal has Participated in Indo American Artificial Heart Program (IAAHP), 25th - 29th January, 2020, on 25th jan 2020 at AIG Hospital, on 26th jan 2020 at Laxven systems, on 27th jan 2020 visit to Palamur and Sipra Labs, on 28th Jan 2020 to Vasantha and Karthik moulds, on 29th Jan.2020 at Lumbini Lakeview,Hyderabad.
- **Dr.Md.Aleem Pasha**, Associate Professor Department of Mechanical Engineering ,has been selected to Organise a 2 WEEKS FDP from AICTE in the Area of Research Methodology and Statistical Data Analysis worthRs.4,89,533.
- **Dr. Dr.Ch.Indira Priyadarsini**, Assistant Professor has successfully completed PhD defense from Osmania University and press note was released on 4-9-2020.
- **Dr S.Narasimha Kumar**, Assistant Professor has published a Patent on CNG/Natural gas kit design for two wheelers on 28/08/20.
- **Dr. P. Ravinder Reddy**, Professor & Principal has got Best Paper Award for the paper I’d AIP-46 entitled “Numerical Investigation of Cavitating Flows in the Step Nozzle” in the International Conference on Advancements in Aeromechanical Materials for Manufacturing(ICAAMM-2020) organized by Department of Aeronautical & Mechanical engineering, held on 24th & 25th July 2020, MLR Institute of Technology, Hyderabad, Telangana State, India
- **Dr.N.V Srinivasulu** ,Professor Department of Mechanical Engineering ,has been selected to Organise a ATAL FDP from AICTE in the Area of Molecular Manufacturing.
- **Dr. P. Ravinder Reddy**, Professor & Principal has won **NATA EXCELLENCE AWARD** by North American Telugu Association (**NATA**) for outstanding services in Engineering on 6th July 2018 at Philadelphia convention centre, Philadelphia, USA and **Distinguished leader** award by Venus International Foundation for contribution and achievement in discipline of Engineering on 5thJan2019
- **Dr. P. Ravinder Reddy**, Professor & Principal is the Principal Investigator for the Development of the components of Artificial Heart-IndoUSA, in collaboration with Pittsburg University,USA, Cornell University,USA and Share India.

- **Dr. Rama Lakshmi** won Best Prize in e-poster presentation and Rs. 5000/- cash Award at ADMAT (Advanced Materials and Process for Defense Applications) 2019 Conference Organized by DRDO Hyd, India at Marriott Hotel, Hyd from 23th - 25th September, 2019.

SPONSORED PROJECTS

S. No	Title	Sponsored by	Duration	Principal investigator/ Co-investigator	Grant (Rs.)
1	Optimization of Process Parameters for Additive Manufacturing of Defense Components	RCI/PGAD DRDO Hyderabad	2019-2021	Dr. G.C.M. Reddy Dr. PVR Ravindra Reddy	9.95 Lakhs
2	Design and Development of Components of Artificial Heart	CBIT	2016-2021	Dr. P. Ravinder Reddy	50.00 Lakhs
3	Experimental and Numerical Investigations Friction Stir Welding of Aluminium and Magnesium Alloys	UGC	2018-2020	Dr P. Ravinder Reddy	2.70 Lakhs
4	Finite Element Analysis of EFGC16	J K Fenner (India) Ltd.	July-Aug 2020	Dr P. Ravinder Reddy, Dr. G. Laxmiah	47,200

DESIGN PATENTS FILED

S.No	Title	Application Number & Date	Name of the Inventor
1	Blood Pump Impeller	305590, 14.05.2018	Dr. P. Ravinder Reddy, Sri T. Rugveda,
2.	Magneto Blood Pump	306263, 21.05.2018	Dr. P. Ravinder Reddy, Sri T. Rugveda
3.	CNG/Natural gas kit design for two wheelers	202011030786, 20.07.2020	Dr.S.Narasimha kumar

Academic year 2020-21

- Total 139 number of Research papers were published by various faculty members in National and International Journals from Academic Year 2020-21.
- Total of 22 National/International conferences attended by various faculty members from Academic Year 2020-21.
- Total of 82 seminars/workshops attended by faculty from Academic Year 2020-21.
- Total number of 182 FDP'S attended by all the faculty members from Academic Year 2020-21..
- Total 6 Number of Faculty got Guideship in Osmania University to Guide Ph.D. Scholars recently.

Academic year 2021-22

- Total 04 number of Research papers were published by various faculty members in National and International Journals from Academic Year 2021-22.
- Total of 01 National/International conferences attended by various faculty members from Academic Year 2021-22.
- Total of 10 seminars/workshops attended by faculty from Academic Year 2021-22.
- Total number of 35 FDP'S attended by all the faculty members from Academic Year 2021-22.

STUDENT ACHIEVEMENTS:

- A Total of 19 students have participated in "FORMULA BHARAT 2021", a virtual Electric Meet organized by Bharat Formula and Curiosum Tech in association with MathWorks, Seimens, Zuken, Bosch and Ether from Nov 27 to Dec 27, 2020.
- A Total of 10 students have participated in 4th Annual FSEV Concept Challenge organized by Curiosum Tech Private Ltd. And secured 25th rank from 26th June -22 nd July 2020.
- Students of Mechanical Department and Computer Science Department have secured 3rd position in cubi scan a Robotix event organized by IIT Kharagpur DATE: 18th to 20th JAN, 2019
- Students of Mechanical and Production Department have secured second position in best design award and best cost report award in 125 cc category in Go Kart Design Challenge 2019 from 22nd-27th Feb, 2019 at Buddh International Circuit, Greater Noida guided by Dr G Chandra Mohan Reddy , Professor Mechanical Engineering Department.

- Students of Mechanical and Production Department have participated in National Racing Event "PRAHETHIRACING" at Buddh International Circuit, Greater Noida from 15th TO 20th JULY 2019
- Mr. Sai Venkat Secured GOLD MEDAL in 5th Telangana Weightlifting Championship" held at Osmania University