

FACULTY / STUDENT ACHIEVEMENTS

FACULTY ACHIEVEMENTS

- **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 worth Rs.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 5th January 2019.
- **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.
- **Dr. G Chandra Mohan Reddy**, Professor, MED has Co Chaired Technical Session at 34th Indian Engineering Congress, Organized by Institute of Engineers (India) at NOVATEL, HITECH CITY, HYD on 27th -29th December, 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	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

- Total 143 number of Research papers were published by various faculty members in National and International Journals from Academic Year 2019-20.
- Total 38 number of papers presented in various National/International Conferences from Academic Year 2019-20.
- Total of 25 National/International conferences attended by various faculty members from Academic Year 2019-20.
- Total 7 number of books published from Academic Year 2019-20.
- Total 6 number of Projects/Consultancy works on going from Academic Year 2019-20.
- Total 37 number of Guest lectures delivered by various faculty members from Academic Year 2019-20.
- Total number of 460 FDP'S/Workshops attended by all the faculty members from Academic Year 2019-20.
- Total number of 184 MOOC'S and 723 webinars attended by various faculty members from Academic Year 2019-20.
- Total 6 Number of Faculty got Guideship in Osmania University to Guide Ph.D. Scholars from Academic Year 2019-20.

STUDENT ACHIEVEMENTS:

- 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 "PRAHETHI RACING" 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