

Mechanical Engineering Department Data

Under Research Tab

Faculty Pursuing Ph.D

S. No	Name of the Faculty	University	Area of Research
1	Sri. T. Sudhakar	JNTUA	Production
2	Sri. P. kullayappa	JNTUA	Production
3	Sri. T. Dada Kalandar	JNTUA	Thermal Engineering
4	Sri. P.S. Bharadwaj	Anamalai University, Chidambaram	Thermal Engineering
5	Sr. B. Madhu Babu	Anamalai University, Chidambaram	Thermal Engineering
6	Sri. J. Paul Rufus Babu	Anamalai University, Chidambaram	Thermal Engineering
7	Sr. D. Raja Kullayappa	Anamalai University, Chidambaram	Thermal Engineering
8	Sri. D. Sashidhar Reddy	Anamalai University, Chidambaram	Thermal Engineering
9	Sri. S. Venkateswarlu	Anamalai University, Chidambaram	Thermal Engineering
10	Sri. M. Ashok Chakravarthy	JNTUA	Thermal Engineering

Research Projects - Mechanical

Project Title	Duration	Funding Agency	Amount(Rupees)	Action	Date	Name of the faculty
Nanoparticle Enhanced Phase Change Material Micro capsules/ Fibers for Advanced Energy Storage and Allied Applications (in Academic year 2017-18)	2Years	DST-SERB	37.83Lakh	Completed	02 nd Nov. 2018	Dr. K. Hemachandra Reddy
Design and Development of Solar Dish Concentrate or with Thermal Storage Options for Electricity Generation (in Academic year 2016-17)	3Years	DST-MES Sponsored Project	Rs.53.35Lakhs	Completed	02 nd June 2017	Dr. K. Hemachandra Reddy

Research Projects - ECE

Dr. G.Mamatha, Assistant Professor of ECE, JNTUACEA is working on ongoing research project on “Implementation of IOT security solutions for Health Care Monitoring systems” granted by Science and Engineering Research Board (SERB) worth Rs. 21,25,520/-.

Research Projects - Chemical

Prof S.V. Satyanarayana, Dr. P. Dinesh Shankar Reddy, and Dr. B. Dilip Kumar, Chemical Engineering of JNTUACEA working on ongoing research project titled “Synthesis of Nanozeolites and Development of Highly Stable Mixed Matrix Membranes (MMM) for Dehydration of Hydrazine Hydrate Via Pervaporation” (Amount Rs 3278880), SERB, [EMR/2017/002355 dated 26th November 2018.

Patents:

Dr. B. Dilip Kumar, Dr. Arun Prakash Upadhyay, Prof. Sivakumar, Prof Raj Ganesh S Pala granted a patent entitled “a photoelectrochemical water splitting device”, Indian Patent Application No: 109/DEL/2015 for the term of 20 years from the 13th day of January 2015 (Patent No: 342773)