

MECH VAARTHA

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**DEPARTMENT OF
MECHANICAL ENGINEERING**

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(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision of the Department

"To become a centre of Excellence in producing the graduates as professional Mechanical Engineers with a high-quality education, innovative and entrepreneurial skills to secure the society and industry needs".

Mission of the Department

- *To impart high-quality education in curriculum and to build the students in their capacity and enhancing skills to make them globally competitive Mechanical Engineers.*
- *To prepare the students by providing exceptional academic environment, leadership, ethical guidelines and lifelong learning needed for a long professional career.*
- *To enhance the overall academic performance of the students gradually and thereby increasing their placement potential.*
- *To build the institute-industry interaction by providing the internship programs*

Department of Mechanical Engineering

News Letter Information

(01-01-2022 to 31-3-2022)

Events conducted by the Department:

1. A three day Training Program on “CREO” software was conducted from 04.01.2022 to 06.01.2022 by M/s Adroitec Company, Bengaluru for 15 staff members.
2. BEC had an MOU with Un academy. On that occasion Un academy placement talk (interactive session) was conducted for present third years on 22-03-2022 from 10.30 a.m. to 11.30 a.m. The Chief Guest was Mr. Sriram and it was conducted for GATE aspirants, job-oriented career guidance and Higher studies consultancy. The total number of students attended is 140.



Mr. Sriram inspiring the students on 22.3.2022

Papers Published by the Faculty:

1. Sri. S. Vijay, Assistant Professor had published a paper in IOP Conf. Series in Materials Science and Engineering.
2. Dr. B. Ratna Sunil, Associate Professor had published a paper titled “Developing Zn-MgO composites for degradable implant applications” in Materials Letters published by Elsevier.
3. Dr. B. Ratna Sunil, Associate Professor had published a paper titled “Developing composites of zinc and hydroxyapatite for degradable orthopedic implant applications” in IOP Conf. Series: Materials Science and Engineering.

Workshops/FDPs/Seminars Attended by the faculty:

Name of the Faculty	Designation	Type	Title	Organized by	Conducted by	Duration (days)	From	To
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	FDP	AICTE-ISTE Sponsored Online Orientation/Refresher Programme on "Pedagogical Techniques and Tools for Technical Education in the New Normal"	Department of Mechanical Engineering	Murugappa Polytechnic College, Chennai, Tamilnadu.	7	12/30/2021	1/5/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	Webinar	Webinar on “Friction Welding and Allied Processes”	Department of Mechanical Engineering	Arasu Engineering College, Kumbakonam - 612 501, Thanjavur District, Tamil Nadu.	1	1/27/2022	1/27/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	FDP	One week's online Faculty Development Programme on “Challenges & Opportunities in Electric Vehicle” • (COEV-2022)	Department of Mechanical Engineering	Inderprastha Engineering College, Ghaziabad, U.P.	5	1/17/2022	1/21/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	FDP	AICTE-ISTE approved One-Week	Department of Electronics &	Velagapudi Ramakrishna	7	1/24/2022	1/30/2022

			Orientation/Refresher Programme on “Technical Trends and Recent Advances in Industrial Robotics & Applications”	Instrumentation Engineering	Siddhartha Engineering College, Vijayawada, A.P.			
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	FDP	One week's online Faculty Development Programme on “POST COVID GREEN AND SUSTAINABLE DEVELOPMENT PRACTICES IN MANUFACTURING INDUSTRIES”	Department of Mechanical Engineering	CVR COLLEGE OF ENGINEERING, Hyderabad.	5	1/17/2022	1/21/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	Awareness/Training program	IPR awareness/training program under the special mission called “National Intellectual Property Awareness Mission (NIPAM)”	Government of India; Controller General of Patents, Designs and Trade Marks.	Intellectual Property Office, India (Government of India).	1	1/15/2022	1/15/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	FDP	AICTE-ISTE approved One-Week Orientation/Refresher Programme on “Emerging trends in Industry 4.0” •	All India Council for Technical Education, New Delhi and Indian Society for Technical Education, New Delhi	CIT Sandwich Polytechnic College, Coimbatore, Tamilnadu.	6	1/6/2022	1/11/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	FDP	National online short term training programme on “Entrepreneurship Skill	Department of Mechanical Engineering	Department of Mechanical Engineering, Hindusthan College	5	2/21/2022	2/25/2022

			Development (a journey to be a successful entrepreneur)"		of Engineering Technology, Coimbatore, Tamilnadu.			
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	Webinar	A webinar on "Innovation and start-up Eco-system" •	Innovation and Incubation Centre	Annamacharya Institute of Technology & Sciences, Rajampet-516126, Dr. Y.S.R Kadapa Dist., Andhra Pradesh	1	3/11/2022	3/11/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	QUIZ	National Level Online Quiz on "Consumer Protection Awareness Quiz"	PG & Research, Department of Commerce	Sri Paramakalyani College, Alwarkurichi, Tamilnadu	1	3/14/2022	3/14/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	Worksh op	IP awareness/training program under the mission called "National Intellectual Property Awareness Mission (NIPAM)"	Intellectual Property Office, Government of India	Controller General of Patents, Designs and Trade Marks, Government of India.	1	2/28/2022	2/28/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	Worksh op	IP awareness/training program under the mission called "National Intellectual Property Awareness Mission (NIPAM)"	Controller General of Patents, Designs and Trade Marks; Government of India	Intellectual Property Office, Government of India.	1	3/7/2022	3/7/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	FDP	National level One Day Online FDP on "DIGITAL INITIATIVES OF GOVT. OF INDIA AND MOOC PEDAGOGY"	Post Graduate Department of Computer Science & IT	S.L. BAWA D.A.V. COLLEGE, BATALA, Punjab-143505.	1	3/25/2022	3/25/2022

Dr. B. IFTEKHAR HUSSAIN	Associate Professor	FDP	Virtual Two-Day Faculty Development Programme on “Academic Publications and Research Funding Opportunities”	Department of English, School of Science and Humanities, Bharath Institute of Science and Technology	Bharath Institute of Higher Education and Research, Chennai-6000073, Tamil Nadu.	2	3/25/2022	3/26/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	Webinar	Webinar on “Intellectual Property Rights”	Departments of Mechanical & Automobile Engineering	Arasu Engineering College, Kumbakonam - 612 501, Thanjavur District, Tamil Nadu.	1	3/25/2022	3/25/2022
P Umamaheswarrao	Assistant Professor	FDP	Design, Optimization and Manufacture of Materials	Department of Mechanical Engineering	SSN COLLEGE OF ENGINEERING	6	3/7/2022	3/12/2022
Dr. B. IFTEKHAR HUSSAIN	Associate Professor	Worksh op	IP awareness/training program under the mission called “National Intellectual Property Awareness Mission (NIPAM)”	Government of India; Controller General of Patents, Designs and Trade Marks	Intellectual Property Office, India.	1	3/29/2022	3/29/2022
Dr. Ch. Lakshmi Srinivas	Professor	FDP	40-hour Online Faculty development Programme (FDP) on “Industry 4.0 & Smart Manufacturing”	National Institute of Technology, WARANGAL (TS)	National Institute of Technology, WARANGAL (TS)	8	3/19/2022	3/26/2022