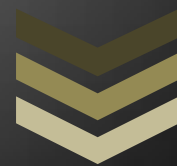


PRAGATI ENGINEERING COLLEGE (A)



ME-TIMES

JAN-JUNE 2021

DEPARTMENT
OF
MECHANICAL
ENGINEERING



7/2/2022

COLLEGE VISION

“To emerge as a premier institution for technical education in the Country through Academic Excellence and to be Recognized as a Center for Excellence in Research & Development, catering to the needs of our Country.”

COLLEGE MISSION

“To realize a strong Institution by consistently maintaining State-of-art-infrastructure and building a cohesive, World Class Team and provide need based Technical Education, Research And Development through enhanced Industry Interaction.”

ABOUT THE DEPARTMENT

The department is committed to strengthen the academic, research and functional abilities of the students, in order to enable them to stand as competent and versatile professionals after graduation. The department strives to enhance research activity in the department, thereby creating competent intellectual resources to the students.

The department conducts various events for revealing scientific, engineering, and technological advances to students. The students participate in events and national level contests, conducted by various institutes.

DEPARATMENT MISSION

The department of mechanical engineering strives.

M1: To prepare, educate and guide students by the faculty from all domains of mechanical engineering in enhancing their skills.

M2: To establish and utilize world class resources and infrastructure to impart quality education and promote Research aptitude among faculty and students to pursue higher education in diverse fields.

M3: To explore the students’ knowledge gradually through industrial interaction for increasing their placement potential to fulfil the basic needs of the society with ethical and social responsibility.

DEPARATMENT VISION

To be a globally renowned school of mechanical engineering in transforming individuals into professional engineers with world class competency and state-of-the-art research to fulfill the technological needs of the society.



FROM HOD-DESK

DEPARTMENT OF MECHANICAL ENGINEERING is publishing News Letter “ME Times” with half-yearly by student editors, Faculty members and it will be shared to all the stake holders through website.

It is with great pleasure that we bring you the First issue in VOLUME 19 of ME-TIMES, the half yearly newsletter of DEPARTMENT OF MECHANICAL ENGINEERING in Pragati ENGINEERING COLLEGE. The name of our newsletter- ME-TIMES- signifies VALUE TIME, and it very aptly sums up the prospects of our Institute. With faculty that consists of bright minds and students who are keen to leave a mark, our future is in safe hands indeed. We are thankful to our students for coming up with the name and logo of the newsletter. The current newsletter highlights the activities of our students and the achievements of faculty during the past one year. It also features visits by eminent scholars from India and abroad to PRAGATI ENGINEERING COLLEGE. This newsletter also throws light on the infrastructure that MECHANICAL DEPARTMENT in PRAGATI ENGINEERING COLLEGE has, and the facilities that it provides. The intent of ME-TIMES is to disseminate information about our Institute, and we hope that the readers find the issues informative and useful. We are thankful to the faculty and staff of PRAGATI ENGINEERING COLLEGE for their valuable inputs, and we welcome suggestions and feedback that will help us improve further. We can be reached at newsletter@pragati.ac.in.

FACULTY PUBLICATIONS

S.NO	Name of the Faculty	Title of the Paper	Month and year of publication	Name of journal	ISSN/DO Number
1	Mr.B.Bharath Kumar	Experimental Setup for Heat Transfer Analysis on Rectangular Plate by Natural Convection	January 2021	IJERA	2248-9622
2	Dharmalingam Ramasamy	Modelling and evaluation of combustion emission characteristics of COME biodiesel using RSM and ANN—a lead for pollution reduction	January 2021	springer	https://doi.org/10.1007/s11356-021-12757-5
3	Mr.G.Avinash Dr.S.Sambhu prasad	Modeling and optimisation of wear parameters of al 4032 reinforced with coal ash using taguchi and RSM	February 2021	Composite theory and practice	2299-128x
4	Dr.G.Satish	Electromagnetic and microwave absorption properties of MWCNTs based polymer nano composites	February 2021	Emerald	10.1108/wje-11-2020-0589
5	Mr.B.Bharat kumar	A review on performance evaluation of pelton turbine	February 2021	AIJREAS	2455-6300(online)
6	Dr. BSV Ramarao	Multi-response optimization of PMEDM Parameters machining of Ti-6Al-4V alloy using Taguchi and GRA	May, 2021	International journal of modern manufacturing technologies	2067-3604

CONFERENCES

S. N O	Name of Teacher who attended the programme	Title of the paper	Place	Name of the conference	Date
1	Dr.Dharmalingam R	Conceptual Design and Thermal Analysis of a Finned Type Concentric Tube Heat Exchanger Using Different Materials By Applying CFD	National Institute of Technology Raipur, India.	An International Conference on Materials and Technologies	9-1-2021 to 10-1-2021
2	Dr.B.S.V.R amarao	Multi response optimisation of PMEDM parameters using Taguchi, Topsis and vikor	SV National Institute of Technology, surat	RAM 2021	10-6-2021 to 12-6-2021

WORKSHOP'S

S.NO	Name of the Faculty	Workshop Name	Conducted by	Duration
1	Dr. R. Dharmalingam	Intellectual Property	Banana IP Counsels	27-05-2020 to 17.06.2021

QUIZ

S. NO	Name of the Faculty	TITLE	VENUE	DURATION
1	Mr. B. Bharath Kumar	NAAC Assessment Framework in association with EDC & IIC	Balaji Institute of Technology & Science, Narsampet.	27-05-2021
2	Mr. B. Bharath Kumar	Fluid Mechanics	K L Deemed to be University, Guntur	09.06.2021

STTP

S.No	Name of the Faculty	STTP Name	Conducted by	Duration
1	Mr.B.Bharat kumar	Energy and exergo economic evaluation of Thermal power plants	PEC,Surampalem	18-1-2021 to 23-1-2021

STUDENT ACTIVITIES

NSS ACTIVITIES

Sl No.	Date	Name of the Activity	ME
1	28.4.2021	Online Interstate Quiz Competition-An EBSB activity	2
2	3.6.21	Young Warriors Ambassadors Registration-2021	3
3	5.6.21 to 25.6.21	Each One Reach One -Psychological Support -Covid Affected	3
4	21.6.21	International Yoga Day 2021	13
5	2.9-.2021 (Swachhata Pakhwada 2.9-21 to 15.2021)	Swachhata Pakhwada 2021: Swachata pledge followed by Sapling plantation by Volunteers in their neighbourhood surroundings	4
6	09-04-2021	Online presentation of innovative technologies for waste recycling & Energy Conservation.	2

FACULTY CO-ODINATOR

A.PHANI BHASKAR

ASST.PROFESSOR

STUDENTS CO-ORDINATORS:-

CH SRAVANI -----(18A31A0302)

D. DEEKSHA -----(18A31A0303)

K. RATNA KUMARI----- (20A35A0303)

HOD-ME

Dr.B.S.V.RAMARAO

PROFESSOR