NEWS LETTER

MECHANICAL TIMES

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Department of Mechanical Engineering

ADITYA COLLEGE OF ENGINEERING

Aditya Nagar,ABD Road ,Surampalem,

(Approved by AICTE New Delhi & Affiliated to JNTUK ,Kakinada)

MECHANICAL TIMES

Volume 3: Issue 1

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April 2021

DEPARTMENT OF MECHANICAL ENGINEERING

"THE ENGINEER IS A MEDIATOR BETWEEN THE PHILOSOPHER AND THE WORKING MECHAN AND, LIKE AN INTERPRETER BETWEEN TWO FOREIGNERS MUST UNDERSTAND THE LANGUAG OF BOTH, HENCE THE ABSOLUTE NECESSITY OF POSSESSING BOTH PRACTICAL AN THEORETICAL KNOWLEDGE."

Vision

TO BE RECOGNIZED AS A CENTRE OF EXCELLENCE IN MECHANICAL ENGINEERING TOWARDS IMPARTING QUALITY EDUCATION.

Mission

M1: PROVIDE THE STATE-OF- ART FACILITIES.

M2: DISSEMINATE KNOWLEDGE BY RECRUITING QUALIFIED AND EXPERIENCED STAFF MEMBERS.

M3: ENHANCE INNOVATIVE ACTIVITIES BY COLLABORATING WITH INDUSTRY AND RESEARCH ESTABLISHMENTS.

M4: ENCOURAGE CITIZENSHIP ACTIVITIES WITH KNOWLEDGE AND SKILLS

SEMESTER TOPPERS

TOPPERS LIST @ (17 Batch) IV B.TECH I SEMESTER

8.23 (1st Place)
18MH5A0347
V Ratna Prasad

8.09 (2nd Place)
18MH5A0312
I Lokesh

8.09 (2nd Place)
18MH5A0351
Y Sai Kumar

Faculty Publications in Conferences/Journals

Sl.No.	Name of the faculty	Title of the Paper	Name of the Conference	Date/s
1	Dr DVSSSV Prasad	A Numerical approach to find distinct mechanisms of a planar kinematic chain using linkage coordinates	International Conference on Energy, Materials Sciences & Mechanical Engineering-2020 (EMSME 2020), National Institute of Technology, New Delhi, India	30-11-2020 to 01-11-2020
2	Dr Y K S Subba Rao	Analysis of Vibrations for Laminated Composites based on Finite Elements	Advances In Modeling, Manufacturing and material Engineering	30.10.2020 & 31.10.2020
3	Dr Y K S Subba Rao	Wear behavior on hybrid composite material	Advances In Modeling, Manufacturing and material Engineering	30.10.2020 & 31.10.2020

FDP,s attended by the faculty

Sl. no	Name of the Faculty	Name of the FDP	Organized by	Place	Duration
1	Dr DVSSSV Prasad	5day STP on Fracture Mechanics and its applications to Laminated composites	IIT Guwahati	Guwahati	01-03-2021 to 05-03-2021
2	Dr DVSSSV Prasad	Two week onlineFDP on Recent advances in Materials and Challenges in Manufacturing Technologies	COE, JNTUK	Kakinada	22-03-2021 to 03-04-2021
3	Mr K.Venkata Ramana	Recent Advancements and Research Opportunities in Energy Sector	Aditya Engineering College	Online	29-11-2021 to 03-12-2021
4	Mr. TalariSrinu	Fracture Mechanics and its Applications to Laminated composites	IIT GOWAHATHI	Online	01-03-2021 to 05-03-2021
5	Mr.I.Manoj Krishna	3D Printing & Design	JNTU Kakinada	Online	19-10-2020 to 23-10-2020
6	Mr.I.Manoj Krishna	Engineering Law	JNTU Kakinada	Online	12-10-2020 to 16-10-2020
7	Mr M Sarat Chandra Prasad	Recent Advances in materials and challenges in manufacturing techniques	JNTU Kakinada	Online	22-03-2021 to 03-04-2021
8	Mr M Prem Kumar Reddy	Fracture Mechanics and its applications to laminated composites	IIT GUWAHATI	Online	01-03-2021 to 05-03-2021
9	Mr M Prem Kumar Reddy	NIRF Indian ranking 2021	Institute for Academic Excellence	Online	18-01-2021 to 19-01-2021

CAMPUS PLACEMENTS

Sl.No.	Student Name	Enrollment No.	Employee Name	Appointment No.
1	Barnikala Tatajee	18MH5A0302	Hyundai Steel Chennai	09-01-2021
2	Borusu Loka Veera Sriram	18MH5A0304	Hyundai Steel Chennai	09-01-2021
3	Gudla Suresh	18MH5A0310	Hyundai Steel Chennai	09-01-2021
4	K D V S S Apparao	18MH5A0319	Hyundai Steel Chennai	09-01-2021
5	Kotipalli Narendra Kumar	18MH5A0321	Hyundai Steel Chennai	09-01-2021
6	Malladi Jaya Surya	18MH5A0324	Hyundai Steel Chennai	09-01-2021
7	Medapureddi Srinu	18MH5A0327	Hyundai Steel Chennai	09-01-2021
8	Medisetti Devi Prasad Raju	18MH5A0328	Hyundai Steel Chennai	09-01-2021
9	Mutyala Sai Manoj	18MH5A0330	Hyundai Steel Chennai	09-01-2021
10	Nalla Simhadri Dora	18MH5A0331	Hyundai Steel Chennai	09-01-2021
11	Nandipati Swamy	18MH5A0332	Hyundai Steel Chennai	09-01-2021
12	Nunnaboina Mallikharjuna rao	18MH5A0333	Hyundai Steel Chennai	09-01-2021
13	Rayudu Karthik	18MH5A0339	Hyundai Steel Chennai	09-01-2021
14	Seeli John Moses	18MH5A0341	Hyundai Steel Chennai	09-01-2021
15	Somisetti Sateesh	18MH5A0343	Hyundai Steel Chennai	09-01-2021
16	S Veera Venkata Satyanarayana	18MH5A0344	Hyundai Steel Chennai	09-01-2021
17	Tallam N N V Ganesh	18MH5A0345	Hyundai Steel Chennai	09-01-2021
18	Vakada Ratna Prasad	18MH5A0347	Hyundai Steel Chennai	09-01-2021
19	Vasamsetti Gangadhara Sai	18MH5A0348	Hyundai Steel Chennai	09-01-2021
20	Voleti Satya Teja	18MH5A0349	Hyundai Steel Chennai	09-01-2021
21	Mylapilli Rajesh	18MH5A0353	Hyundai Steel Chennai	09-01-2021

22	Vaddi Siva Surya Sai Durga	18MH5A0359	Hyundai Steel Chennai	09-01-2021
23	Alluri Hemanth Kumar	18MH5A0301	AVTECH Hosur TN	27-01-2021
24	Chittem Nagendra Babu	18MH5A0306	AVTECH Hosur TN	27-01-2021
25	Inumarthi Satya Veera Lokesh	18MH5A0312	AVTECH Hosur TN	27-01-2021
26	Jilagam Hema Suresh	18MH5A0314	Cognizant	27-01-2021
27	Panthadi Sathish Kumar	18MH5A0334	AVTECH Hosur TN	27-01-2021
28	Pedavegi Surya Sai Teja	18MH5A0336	AVTECH Hosur TN	27-01-2021
29	Khandavilli Sai Datta	18MH5A0317	Daejoo Automotive	05-04-2021
30	Gollavilli V V Satya Sai Ravi Teja	18MH5A0308	Daejoo Automotive	05-04-2021
31	Gooda Murali Krishna	18MH5A0309	Daejoo Automotive	05-04-2021
32	Manepalli Hema Veera Manikanta	18MH5A0325	Daejoo Automotive	05-04-2021
33	Lakkasani Rekha Durga Mani	18MH5A0323	Hitech Arai Chokikulam TN	05-04-2021
34	Pitla Surekha	18MH5A0337	Hitech Arai Chokikulam TN	05-04-2021
35	S Samuel Raju	18MH5A0358	Surya Tech Solutions Hyd	03-02-2021
36	K Bala Murali	18MH5A0315	Surya Tech Solutions Hyd	03-02-2021

Faculty Research Publications (Journals)

Sl	Name of the Faculty Author	Title of the Paper	ISBN/ ISSN Number	Index No	URL/DOI
				UGC/ Scopus	
1	Dr Anjibabu Merneedi	Experimental investigation on wear behaviour of bio-waste reinforced fusion fiber composite laminate under various conditions	2214-7853	scopus	https://www.sciencedirect.com/science/article/pii/S2214785320351981
2	Dr N Bhanu Teja	Performance optimization of mahua biodiesel using cetane number improver	2214-7853	scopus	https://www.sciencedirect.com/science/article/pii/S221478532100290X
3	Mr Satish Perabathula Chandra Prasad	"Performance analysis of mineral oil based nano-lubricants with sulphur impregnated reduced graphene oxide nanosheets	2214-7853	scopus	https://www.sciencedirect.com/science/article/pii/S2214785320405115
4	Dr N Bhanu Teja	Investigations of performance and emission characteristics in diesel engine fueled with Hemp oil methyl ester	2214-7853	scopus	https://www.sciencedirect.com/science/article/pii/S2214785320387162
5	Dr N Bhanu Teja	Production Process Optimization study on the synthesis of Manilkara zapota seed bio-oil and its characterization	2190-6823	scopus	https://link.springer.com/article/10.1007/s13399-021-01453-6
6	Dr N Bhanu Teja	Detailed analysis on sterculia foetida kernel oil as renewable fuel in compression ignition engine	2190-6823	scopus	https://link.springer.com/article/10.1007%2Fs13399-021-01328-w
7	Dr N Bhanu Teja	Biodiesel production from Caulerpa Racemosa oil	2582-6727	scopus	http://nopr.niscair.res.in/bitstream/123456789/54650/1/IJMS%2049%284%29%20616-621.pdf

Product Development by students

3

Sl. No.	Name of the Faculty	Title of the Product developed/ still in incubation	Total cost	Collaborated agencies	No of faculty /student involved	Remarks
1	Dr YKS Subbarao	Developing Shredder machinery for recycling the plastic to make plastic bricks	60,000	i2E - APSSDC	4	Recycling the plastic and making plastic bricks out of it
2	Dr YKS Subbarao	Developing extraction machine to make plastic flexible wire from plastic scrap	40,000	i2E - APSSDC	4	Making plastic wire reels for construction purposes

Patents by Faculty

Sl. No.	Name of the Faculty	Patent details	Area of the patents files/ obtained	Status	Filing agency
1	Dr N Bhanu Teja	202041006677	Mechanical Engineering	Published	US patent & Trade Mark office
2	Dr N Bhanu Teja	202041006676	Chemical	Abonded	US patent & Trade Mark office
3	Dr Marxim Rahula Bharathi B	202121018506 A	Design	Published	Indian Patent
4	Dr Marxim Rahula Bharathi B	202141016916 A	Machine Learning	Published	Indian Patent
5	Dr Y K S Subba Rao	202141033818	Mechanical Engineering	Published	Intellectual Property India
6	Dr Y K S Subba Rao	202141033795	Computer Science	Awaiting request for examination	Intellectual Property India