

SHABDKOSH NEWSLETTER

VOLUME – XII

ISSUE – 1 (JUNE - AUGUST)

2022-23

DEPARTMENT OF MECHANICAL ENGINEERING



ADITYA ENGINEERING COLLEGE(A)

APPROVED BY AICTE NEW DELHI AND AFFILIATED TO JNTU KAKINADA

ABOUT MECHANICAL DEPARTMENT

Managing moving machines of the world! It is this catchy phrase that has made Mechanical Engineering the thriving branch for being an integral part in shaping our world run on machines. The Mechanical Engineering department at Aditya has earned a place of high repute through its quality teaching rendered by highly qualified and experienced faculty with remarkable number of research publications in reputed journals like ASME, ELSEVIER etc. and rigorous practical training creating an ambience of excitement in all the stages of study. The department lays impetus on hands-on training with the support of simulation packages such as CATIA, ANSYS, IDEAS, PRO-E, UNIGRAPHICS and SOLID WORDS. The academic activities include guest lectures, industrial visits, workshops, seminars, technical festivals VEDA and programs under Mechanical Engineering Students Association (MESA), collegiate club of the Society of Automotive Engineers (SAE) and Auto gear club. The projects that received appreciation in various events organized at state and national level are Go-Kart, Quad bike, Solar powered wheelchair, LPG bike, Reaping Machine, and many more such highly relevant contraptions. Students are encouraged to do internships in reputed industries like TATA Motors PVT. LTD., Hindustan Shipyard, BHEL PVT. LTD., Bhilai Steel Plant, Bokaro Thermal Power Station, Nalco Mining Division etc

VISION OF THE DEPARTMENT

To be a preferred knowledge hub in Mechanical Engineering towards critical thinking, quality research and innovation

MISSION OF THE DEPARTMENT

M1:

Provide infrastructure for design and development of modern-day solutions.

M2:

Impart leadership, critical thinking and innovation to address the societal needs.

M3:

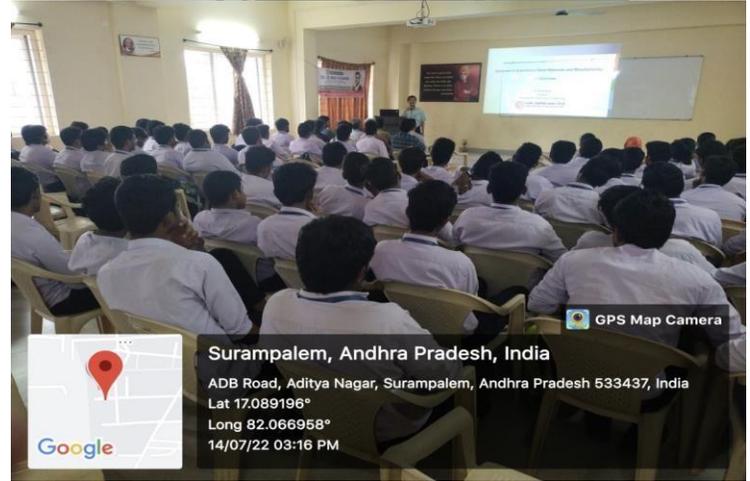
Collaborate with industry, academia, & R&D organizations for excellence in teaching, research and consultancy services.

FACULTY PUBLICATIONS

Sl. No	Authors	Title of the research paper	Name of the journal	Name of the Publisher	Year of publication	Impact factor
1	A.Saravanan	Thermal performance prediction of a solar air heater with a C-shape finned absorber plate using RF, LR and KNN models of Machine learning	Thermal Science and Engineering Progress	Elsevier	Dec 2022	4.56
2	Elumalai P.V.	Influence of Injection Pressure on the Dual-Fuel Mode in CI Engines Fueled with Blends of Ethanol and Tamanu Biodiesel	International Journal of Chemical Engineering	Hindawi	Nov 2022	2.8
3	Elumalai P.V.	Experimental studies on thermal-barrier-coated engine fuelled by a blend of eucalyptus Oil And DEE	ACS Omega	ACS	Dec - 2022	4.2
4	Elumalai P.V	Effects of Injection Timing and Antioxidant on NOx Reduction of CI Engine Fueled with Algae Biodiesel Blend Using Machine Learning Techniques	Suitability	MDPI	Dec -2022	3.9

WORKSHOP ATTENDED

“Advances in Automotive Sheet Materials and Manufacturing an Overview”



PLACEMENT DETAILS



ADITYA ENGINEERING COLLEGE (A)

Approved by AICTE Permanently Affiliated to JNTUK Accredited by NAAC with 'A' Grade
Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

**CAMPUS PLACEMENT
2022-2023**

DXC Technologies

Package: 4.20 LPA



GUDDANTI
BENNISWAR
19A91A0318



KOMMOJU SATYA
HEMANTH
19A91A0327



MATTA
JAGADHEESH
19A91A0333



TATIKONDA
PRABHU DAS
19A91A0349



ADITYA ENGINEERING COLLEGE (A)

Approved by AICTE Permanently Affiliated to JNTUK Accredited by NAAC with 'A' Grade
Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

**CAMPUS PLACEMENT
2022-2023**

Tata Consultancy services

Package: 3.36 LPA



MUCHARLA SAI
SESHU PRAKASH
19A91A0334

Quest Global

Package: 3.25 LPA



DEVU SHANKAR
SATYANARAYANA
19A91A0312

PLACEMENT DETAILS



ADITYA ENGINEERING COLLEGE (A)

Approved by AICTE Permanently Affiliated to JNTUK Accredited by NAAC with 'A' Grade
Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

CAMPUS PLACEMENT 2022-2023

HYUNDAI STEELS

Package: 3.20 LPA



BURADAKAVI SATYA
SIVA GANESH
19A91A0306



CHINTAPALLI RAMA
SASI KIRAN REDDY
19A91A0309



DEVU SHANKAR
SATYANARAYANA
19A91A0312



GUMMADI VENKATA
AJAY PRABHAS
19A91A0320



KUNDULA
SUDARSHAN RAJU
19A91A0329



MATSA VENKATA
NAGA DHANUSH
19A91A0332



NETHI RAMA
MURTHY
19A91A0336



TEEGIREDDY
DURGA PRASAD
19A91A0350

EDITORIAL BOARD

Editor-in-Chief

Dr. M. Sreenivasa Reddy Director

ASSOCIATE EDITOR

Dr. Pritam Kumar Das Professor & HOD

Dr. P.V. Elumalai Asso. Professor

ASSISTANT EDITOR

Mr. B. Srihari Ganesh IVth year

Mr. K. Naga Sandeep IVth year

Mr. K. Akhil Mani Kanta IIIrd year

Mr. N.M.S.V. Karunakar IIIrd year

P. Prasad Mouli IIIrd year

Mr. Kona Prana Arjun IInd year

Mr. Pathi Yesebu IInd year