

SHABDKOSH

Newsletter

VOLUME – 11

ISSUE – 2 (SEP-NOV)

2021-22

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

MISSION 1

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

MISSION 2

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

MISSION 3

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.	Elumalai P.V	Effect of Injection Timing in reducing the harmful pollutants emitted from CI Engine using N- Butanol antioxidant blended eco- friendly Mahua Biodiesel.	Energy Reports	Elsevier	Nov-2021	6.9 (SCI)
2.	Elumalai P.V	Role of hydrogen in improving performance and emission characteristics of HCCI fuelled with graphite oxide nanoparticle - added micro algae	International Journal of Hydrogen Energy	Elsevier	Sep-2021	5.9 (SCI)

PATENTS AWARDED/GRANTED

Application Number: 202141038532, 380048

Applicant Name: Dr. Ranjit P.S.

Title Of Invention: A Clutch lever Restriction Assembly - Applied and Published, System for generation of Electricity from the rotating wheel assembly of an automobile

STUDENT ACTIVITIES

SAE INDIA E-BAJA

SAE INDIA is a national level event and different colleges participated in that event. The students from mechanical department in our College prepared an article on their project work. Our students was selected for first round in Baja SAE India 2022. In the month of September, the E Baha team presented their vehicle in all India. Out of 110 teams our team got ninth position in first round.

Faculty Advisor - DVVS B Reddy Saradaga, Captain & Transmission Head - BSR Sai Srujith, Design Head - Subrahmanyam Ammannam Satyamsetti, Suspension Head - Sai Sakeeth, Braking Head - G. Subhash, Steering Head - M. Sai Mounika



bajasaeindia	
Organized by SAE INDIA	
BAJA SAE INDIA 2022	
Under the aegis of	
Inquizitive Round 1 Leaderboard	
1	Kshatriya Electric
2	DelTech Baja
3	DJS Kronos India
4	Traxion Offroading
5	Team Manipal Racing
6	Team Turbonites
7	Team Kshatriya
8	Team Piranha Racing
9	Falcon Strategy
10	Team Redline Racing

Vaccination Drive

In the month of October, the social clubs in our college (Aditya LEO club, Red Cross and NSS unit) had successfully conducted the mega vaccination drive in our college. In this event students from our department have contributed an active role and successfully vaccinated 365 people, with the support of our area health volunteers



Leo Club Installation Event

In the month of November, Aditya Leo club held its new body installation for Leonistic year 2021-2022. The active students have been elected to various positions in the Leo club. Students from Mechanical Department contributed major and active role in the club. Our department students, B. Srihari Ganesh stood as Vice President of the club and Sudarshan stood as BOD for the Mechanical branch.





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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

CAMPUS PLACEMENT 2021-2022

Wipro

Package: 3.75 LPA



Bhamidipati Sita
Rama Sai Srujit
18A91A0302



Harsha Vardhan
Kondapalli
18A91A0320



Mallipudi Rakesh
18A91A0327



Simbothula Yogesh
18A91A0348



Geddada Chaitanya
18A91A0372



Lokesh Babu
Tadepalli
18A91A03A2



Akash Tadi
18A91A03A3



Vishnu Surya Sai
Varma Matcha
18A91A03E1



Palivela Sri Veera
Venkata Vamsi
18A91A03F1



Krishnarjuna Tadala
18A91A03G6



Teja Vemvarapu
19A95A0319



Sushma Kondreddy
19A95A0325



Malladi Siva
Rama Krishna
19A95A0326



Mantri
Chinna Rao
19A95A0327

Quest Global

Package: 3.25 LPA



Akshay Kumar Mahto
18A91A03H2



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CAMPUS PLACEMENT 2021-2022

Hyundai Steel Pipe India Pvt. Ltd.

Package: 2.07 LPA



Chinta Loka
Manikanta Pavan Kumar
18A91A0305



Chitturi Ekanadeswara
Sri Sai
18A91A0307



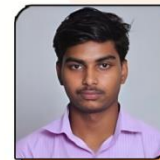
Vishwajeet Raj
18A91A0323



Nandipati Veera
Manikanta
18A91A0335



Nitesh Kumar
18A91A0337



Penugonda
Ratna Madhav
18A91A0341



Pilla Siva Manikanta
18A91A0343



Rajana Jyothi
Swaroop
18A91A0346



Anusuri Teja
Suryanarayana
18A91A0360



Aradadi Rakesh
Bhavani Shankar Surya
18A91A0361



Kaligineedi
Sai Praveen
18A91A0377



Karri Srinivas Kalyan
18A91A0379



Rankireddy
Naga Veerendra
18A91A0393



Singampalli Prabhakar
18A91A03A0



Tadi Rajkumar
18A91A03A4



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 Bejawada Venkanna Dora 18A91A03B8	 Kotnana Venkatesh Naidu 18A91A03D6	 Lanka Mohan 18A91A03D8
 Pappala Veera Aravind Sai 18A91A03F3	 Reddy Lokesh Kumar 18A91A03G3	 Satyamsetti Subrahmanyam Ammann 18A91A03G5
 Tirumalla Tejesh 18A91A03G8	 Yanamadala Prudhvi Venkat 19A95A03I0	 Janga Raj Subhash 19A95A03I4
 Akumarthi Umesh 19A95A0321	 Buddiga Ganesh 19A95A0322	 Navudu Prasanth Kumar 19A95A0328
 Vaddi Sudheer 19A95A0330		

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