

# SHABDKOSH

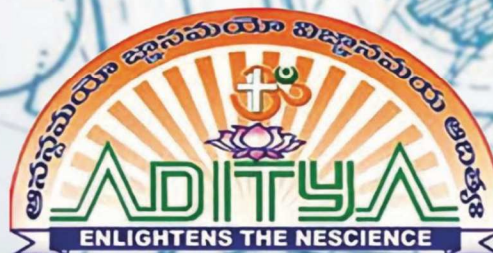
NEWSLETTER

VOLUME - XII

2022-23

ISSUE - 2 (SEP-NOV)

DEPARTMENT OF MECHANICAL ENGINEERING



**ADITYA ENGINEERING COLLEGE(A)**

APPROVED BY AICTE NEW DELHI AND AFFILIATED TO JNTU KAKINADA

# ABOUT MECHANICAL ENGINEERING 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 umpteen 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, I-DEAS, PRO-E, UNIGRAPHICS and SOLID WORKS.

The professional 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 wheel chair, 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

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

## MISSION

**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	Dr Elumalai P.V	Optimization of Performance and Emission Characteristics of the CI Engine Fueled with Preheated Palm Oil in Blends with Diesel Fuel	Sustainability	MDPI	NOV 2022	3.8
2	Dr 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	Dr Elumalai P.V	Investigation and Process Parameter Optimization on Wire Electric Discharge Machining of Aluminium 6082 Alloy	Advances in Materials Science and Engineering	Hindawi	Sep 2022	2.1



# PATENTS AWARDED/GRANTED

**Application Number:** 201841038721

**Applicant Name:** Dr.P.S. Ranjit

**Title Of Invention:** Development of Clutch Based Mechanical Oriented Side Stand Retrieval Mechanism For 2-Wheelers and Method Thereof

**Application Number:** 202221045029

**Applicant Name:** Dr.P.S. Ranjit

**Title Of Invention:** IoT-based intelligent electric vehicle charging station

**Application Number:** 202211075958

**Applicant Name:** Dr.P.S. Ranjit

**Title Of Invention:** Analysis of the Efficacy of the Electric and Hybrid Electric Vehicles through the Techniques of Artificial Intelligence

## AWARDS RECEIVED

SL. No	Faculty Name	Award Name
1	Dr. P. S RANJIT	Best Inventor
2	Dr. P.V. ELUMULAI	Best Researcher Award
3	Dr. A. SARVANAN	Best Researcher Award



Dr. P.V. Elumulai, Asso. Prof. received Best Researcher Award



Dr. P.S. Ranjit, Prof. received Best Inventor Award



Dr. A. Sarvanan, Prof. received Best Researcher Award



# PLACEMENT DETAILS



**ADITYA ENGINEERING COLLEGE (A)**

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

**CAMPUS PLACEMENT  
2022-2023**

## DXC Technologies

Package: 4.20 LPA



Mr. Battu Prakash  
20A95A0305



Mr. Atti Sai Varma  
20A95A0303



Mr. Boda Venkata  
Naga Manikanta  
20A95A0306



Mr. Lankavalasa  
Rambabu  
20A95A0328



Mr. Penke Nava  
Surya  
20A95A0344



Mr. Rayi Rahul  
20A95A0349



Mr. Tirunagari  
Vamsi Krishna  
20A95A0359



Mr. Sakhunala  
Ajay  
20A95A0353



Mr. Tanuku  
Anand Kumar  
20A95A0358



Mr. Vadrevu  
Venkata Rao  
20A95A0362



Mr. Datla  
Suryanarayana Raju  
20A95A0366



Mr. Saipireedy M Y  
Gangadhara Vara Prasad  
20A95A0368

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Package: 3.20 LPA



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Mr. Bagadi  
Tejeswara Rao  
20A95A0304



Mr. Bonthula  
Krishna Siva Sai  
20A95A0309



Mr. Dadi  
Pavan Kumar  
20A95A0311



Mr. Dasari  
Bhargav Kirshna  
20A95A0312



Mr. Dasari  
Sandeep Sankar  
20A95A0313



Mr. Gatter  
Umasuryakumar  
20A95A0319



Mr. Gollapalli  
Manoj Kumar  
20A95A0320



Mr. Gundumpalli  
Ramesh  
20A95A0322



Mr. Kondempudi  
Manikanta  
20A95A0325



Mr. Manda Venkata  
Chakradhararao  
20A95A0332



Mr. Nalla  
Satish  
20A95A0338



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**2022-2023**

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## Tata Consultancy Services

Package: 3.20 LPA



Mr. Tirunagari  
Vamsi Krishna  
20A95A0359



Mr. Athi Uma  
Maheswara Rao  
20A95A0302



Mr. Dwarapudi  
Venkata Ramakrishna  
20A95A0315



Mr. Molleti  
Sreekanth  
20A95A0337

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## Quest Global

Package: 3.25 LPA



Mr. Pantagolusula  
Naga Durga  
20A95A0341



Mr. Peela Hemanth  
20A95A0343



Mr. Senapathi Vijay  
20A95A0355



Mr. Bagadi  
Tejeswara Rao  
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**2022-2023**

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## Myracle

Package: 12.00 LPA



Mr. Medapati  
Teja Sandeep Reddy  
20A95A0336

## Extramarks

Package: 6.00 LPA



Mr. Dudala  
Satya Sai  
20A95A0314

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## Z.F India

Package: 6.00 LPA



Mr. Rajabala  
Durga Sai Prakash  
20A95A0346

## Mount Blue

Package: 4.00 LPA



Mr. Jonnada  
Bhogeswara Rao  
20A95A0323

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## Surya Tech

Package: 2.92 LPA



Mr. Gummadi  
Arun Kumar  
20A95A0321



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## CAMPUS PLACEMENT 2022-2023

# HYUNDAI STEELS

Package: 3.20 LPA



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Mr. Peddireddi  
Veera Raghava  
20A95A0342



Mr. Repalli  
Bhanuprakash  
20A95A0351



Mr. Sampathirao  
Raj Kumar  
20A95A0354



Mr. Uppu Subhash  
20A95A0360



Mr. Vedurupaka  
Durgasairam  
20A95A0361



Mr. Vande Maneesha  
Chakravarthy  
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