



YANTRA NEWSLETTER

JUNE -AUGUST 2021

Volume-1

NEWSLETTER-ME

VOLUME-1

Department of Mechanical Engineering

At a Glimpse

- Student Training Programmes
- Placements
- Faculty Publications
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- Student Technical Events
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ABOUT MECHANICAL DEPARTMENT

Mechanical engineers develop state-of-the-art technologies and exhilarating solutions for the mankind. We attempt to provide our students with a cheerful, productive and satisfying experience at all levels of their program of studies to explore the amazing world of mechanical engineering. The department has secured high repute through its quality of teaching, infrastructure & equipment. Teaching has been rendered by highly qualified and experienced faculty with good publications in reputed journals. The department is recognized as a research Centre by JNTUK, Kakinada for pursuing Ph.D. programme in Mechanical Engineering. The department has spacious laboratories and well equipped with experimental set-ups as per the requirement of the curriculum. The faculty are very active and encourage the students in fabricating real models viz., Go-kart, Robots, Solar based vehicles and other working models, which are very useful in day-to-day life and teach students with live examples.

Vision

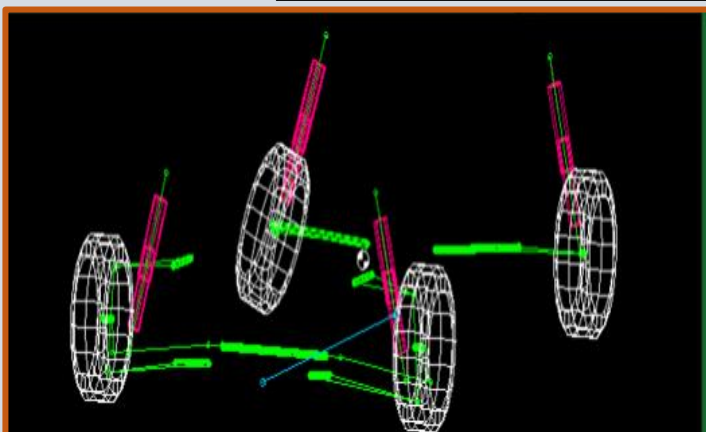
To be a center of excellence in Mechanical Engineering education and research

Mission

- *To promote trainings with institutional association*
- *To achieve learning centric infra-structure.*
- *To provide skill-based education with focus on Automotive*
- *To promote innovative ideas through creativity and leadership quality*

Editorial Board:

1. Dr. CH V V M J Satish Asst. Professor
2. Mr. B Jagadish Asst. Professor
3. Mr. Lokesh Nagala (Student)
4. Mr. Veerababu Pilli (Student)
5. Mr. M. S. Sai Kumar (Student)
6. Mr. CH. Devi Prasad (Student)



Student Training Programmes

Student hands on training session has been conducted on Design and simulation using Ansys workbench



Student Placements



Congratulations



Campus placement drive has been conducted for students and placed in different companies such as CADSYS, Pentagon Space and Hyundai Motor.



Mr. PS Venkata Sai
Gireesh Kumar
CADSYS (GET)



Mr. D Siva Lakshmana
Raju
Pentagon space (GET)



Mr. Mohammad
Abdul Javeed
Pentagon space (GET)



Mr. Gopiseti Vamsi
Hyundai Motor (GET)

Faculty Publications

Dr. Nitla Stanley Ebenezer has published in scopus indexed journal, a paper entitled **Effect of Heat Treatment on the Corrosion Behaviour of Nickel Surface-Deposited Agro-Reinforced Metal Matrix Composites**.345–35(2021). Institution of Engineers (India): Series DOI <https://doi.org/10.1007/s40033-021-00266-1>



Dr. Pramod Kumar, Dr. M Murugan and Dr. Akilesh Kumar Singh has published a paper entitled **Effect of welding current in TIG welding 304L steel on temperature distribution, microstructure and mechanical properties** in the Journal of the Brazilian Society of Mechanical Sciences and Engineering volume



Faculty as Resource person

Dr M Murugan acted as resource person for 5 Day FDP on advances of solar energy conducted by Bharath Institute of higher education and research, Tambaram



Batch Toppers

Students scored good percentage in their semester exams

III B. TECH - I SEM MECHANIACL – A TOPPERS



Mr.D. YASWANTH KUMAR
18P31A0311 **8.86 (SGPA)**



Mr. ABHISHEK SINHA
18P31A0302 **8.57 (SGPA)**



Mr. P.J. VINAY
19P35A0332 **8.43 (SGPA)**

III B. TECH - I SEM MECHANIACL – B TOPPERS



Mr. A. SURYA BHAGAVAN
18P31A0339 **8.71 (SGPA)**



Mr. M. VEERENDRA
19P35A0375 **8.57 (SGPA)**



Mr. A. RAMESH
19P35A0351 **8.43 (SGPA)**

III B. TECH - I SEM MECHANIACL – C TOPPERS



Mr. K. MANIKANTA REDDY
18P31A0351 **9.00 (SGPA)**



Mr. M. AJAY
18P31A0355 **8.71 (SGPA)**



Mr. J. N. MANIKANTA SWAMY
19P35A03B1 **8.71 (SGPA)**



Mr. Y. S. DURGAPRASAD
19P35A03D9 **8.57 (SGPA)**

IV B. TECH - I SEM MECHANICAL – A TOPPERS



Mr. D. SATHEESH
18P35A0320 **8.23 (SGPA)**



Mr. B. SIVA
17P31A0309 **8.00 (SGPA)**



Mr. B. DURGA PRASAD
18P35A0312 **8.00 (SGPA)**



Mr. B. NANAJI
18P35A0310 **7.95 (SGPA)**

IV B. TECH - I SEM MECHANICAL – B TOPPERS



Mr. K. U. V. DURGA RAO
18P35A0343 **8.23 (SGPA)**



Mr. M. S. V. KALYAN
18P35A0348 **8.09 (SGPA)**



Mr. K. SRINU
18P35A0339 **8.00 (SGPA)**

IV B. TECH - I SEM MECHANICAL – C TOPPERS



Mr. S. GOPALA KRISHNA
18P35A0381 **7.91 (SGPA)**



Mr. P. THRIMURTHULU
18P35A0375 **7.86 (SGPA)**



Mr. NISHANTH DEEP
17P31A0366 **7.77 (SGPA)**



Mr. P. RAMU
17P31A0367 **7.77 (SGPA)**

IV B. TECH - I SEM MECHANICAL – D TOPPERS (2020-2021)



Mr. Y. SATISH KUMAR
17P31A03B2 **7.95 (SGPA)**



Mr. V. SATYA
18P35A03A3 **7.86 (SGPA)**



Mr. T. LAKSHMI GANESH
18P35A03C5 **7.86 (SGPA)**

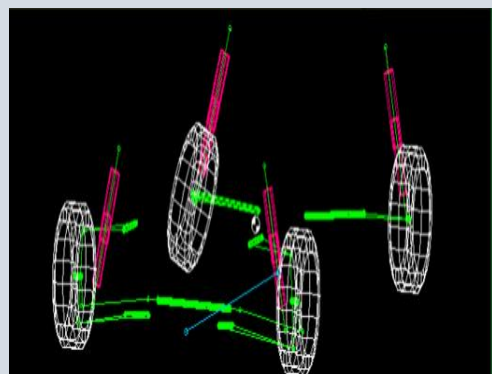


Mr. K. CH. DURGA PRASAD
17P31A0386 **7.82 (SGPA)**

Student Technical Events

SAE BAJA 2021-2022:

In this event totally 25 students from Mechanical, Electrical and Electronics, Electronics and communications Engineering with two faculty advisors from Mechanical are registered. This event has three phases, virtual round for scrutinizing the participants, virtual dynamic through IPG Car maker and Physical Dynamic Event in which have to participate with Fabricated ATV. Students are preparing for preliminary round, which is a qualifier of further rounds.



NSS Activities

Covid Awareness and Food Distribution

NSS Volunteers in collaboration with Zeal foundation Kakinada Participated in Covid Awareness program and Food distribution to the needy people by following Covid norms and Restrictions

