



THE PRODIGY

DEPARTMENT OF MECHANICAL ENGINEERING

NEWSLETTER -July to December 2025



Dr. K. Ashoka Reddy

Principal, KITSW

I feel proud and honour to write this message because this newsletter is the confirmation of the commitment of Mechanical Engineering Department towards the outcome based education which is inline with the version and mission of the department. I hope that the department will strive further to meliorate the quality of the education and bring laurels to the institute.



Dr. P. SRIKANTH

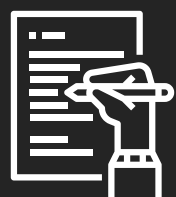
HOD - ME, KITSW

A newsletter reflects the clear picture of all the activities by the Department. It's a matter of great pride and satisfaction for Mechanical Engineering to bring out the Newsletter. I'm confident that this issue of the Mechanical Engineering Department newsletter will shoot a positive signal to all the scholars, faculty and staff. Congratulations to the Editorial Board of this newsletter who have played significant role in negotiating the task. Sincere congratulations to staff members and students for their fruitful efforts during the period.



Chief Editor

Dr. P. SRIKANTH
Professor & Head



Editors-in-charge

Sri S.Ramesh , Assistant Professor
Dr. P. Anitha, Assistant Professor
Sri V. Pradeep, Assistant Professor



Student Editorial Board

Mr.Syed Shadman Hussian (IV/IV
B.Tech.)

Mechanical Engineering Students Association (MESA) Activity during July to December 2025



During the MESA hour, Dr. G. Ganesh Kumar, the Academic Coordinator, addressed the students about the importance of MESA and its activities.



Inaugural function of Mechanical Engineering Students association (MESA)



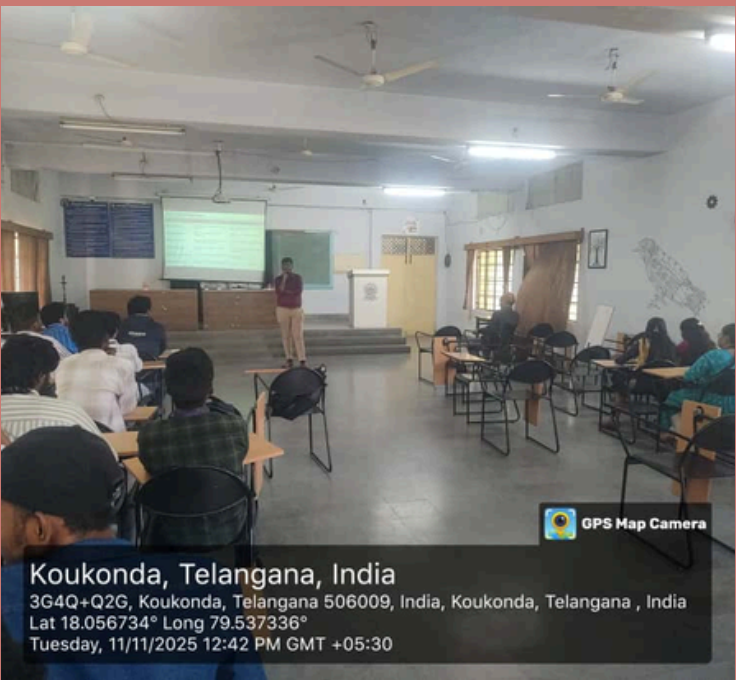
Mesa event on careers in India or abroad conducted on 05.08.2025



The MESA activity included the celebration of Teachers’ Day and Engineers’ Day, recognizing the dedication of teachers and the role of engineers in nation-building.



MESA organized a session on “Flash Talks” on 2nd September 2025 at the Mechanical Engineering Seminar Hall (B-III 210), KITS, Warangal.



MESA organized a session on “Importance of AI in the Mechanical Engineering Automotive Design Field” by our proud alumnus Sri Srikanth Reddy on 11th November 2025, from 11:40 AM to 12:30 PM, at the MESA Hall (B-III 210).

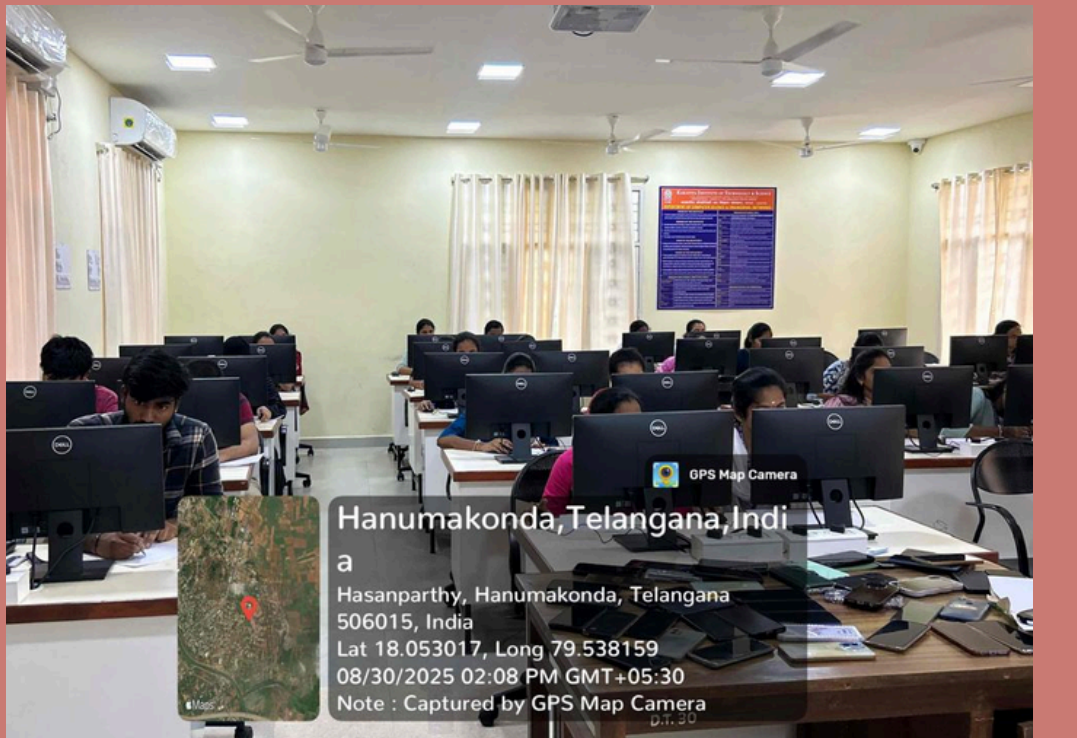


Mesa session on “ Is programming essential for Mechanical engineers” by our final year student Mr. Syed Shadman Hussian, on 23.01.2025, from 11.40 am to 12.30 pm in the MESA Hall, B-III 210



MESA organized a session on “Exploring New Recycling Methods” on 30th December 2025 at the MCAD Lab.

MED Training & Placement Activity during July to December 2025



Respected Prof. P. Srikanth HoD, and Academic coordinator Dr.G.Ganesh Kumar sir, addressing 2027 POB T&P registered students.

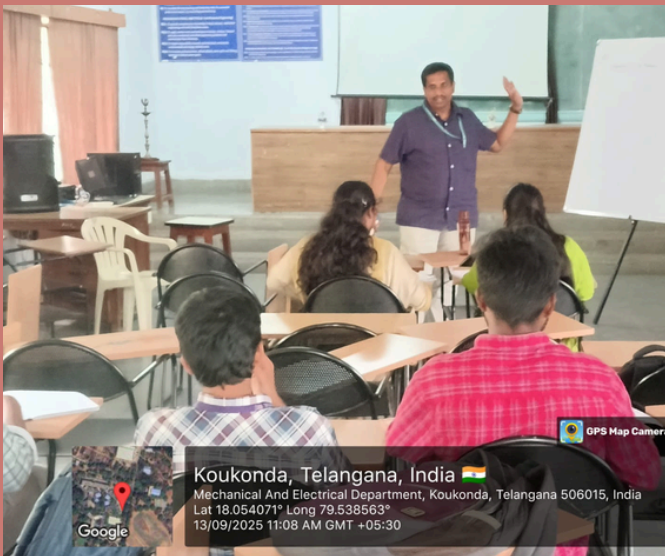
AMCAT exam for V semester students
Regards,



Hanumakonda,Telangana,India
Hasanparthy, Hanumakonda, Telangana
506015, India
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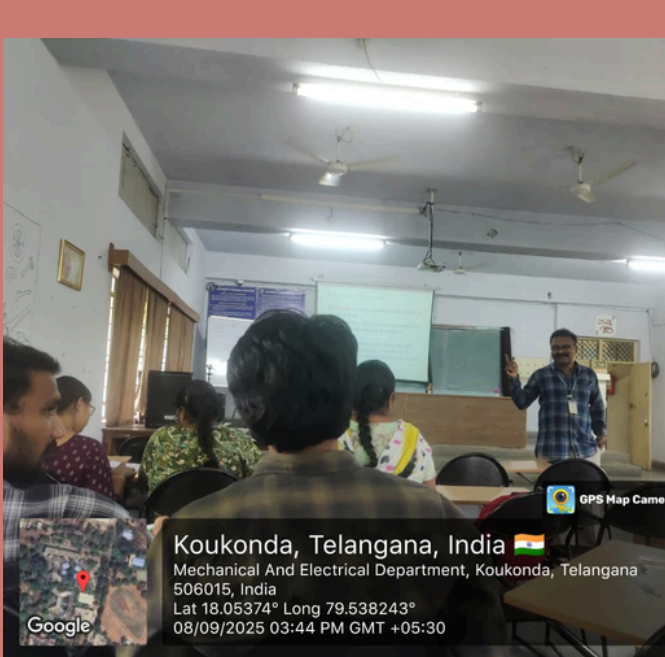
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Mechanical And Electrical Department, Koukonda, Telangana 506015, India
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Hanumakonda,Telangana,India
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Mechanical And Electrical Department, Koukonda, Telangana
506015, India
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Technical training session for final-year mechanical engineering students, conducted by faculty for TechnipFMC aspirants.



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Hanumakonda,Telangana,India
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506015, India
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Respected senior Faculty Members conducting Mock interviews for final-year TechnipFMC aspirants.



Technical training Session for Technip FMC Aspirants Students

Alumni Visted



Our proud alumnus Mr. Asif, 2016 passout batch,Asst Motor Vehicle Inspector, interacted with 1st yr students during the SIP Program.



Sri. S.Ramesh, Asst professor, addressing the students regarding an event on Road Safety quiz on 19.08.2025.



As part of SIP B.Tech (ME) I Sem students' Departmental Lab visit



During the First-Year Student Induction Program, the session will be held in the Auditorium from 1:30 p.m. to 2:45 p.m. The speaker is Sri Anil Kumar from the Department of MEA, and the activity is designated as A7.



Dr. A. Hari Kumar received a Ph.D. degree at the 84th convocation ceremony of Osmania University held on 19th August. The degree was conferred by Dr. V. Narayanan, Chairman of ISRO, in the august presence of the honorable Governor of Telangana, Shri Jishnu Dev Varma.



Our proud M.Tech (2016) Alumni Sujith Reddy received Ph.D Degree from IIT Chennai



A group with the respected principal sir, Prof. A. Ashoka Reddy, on August 15th

Mechanical Engineering students actively participated in various events of SUMSHODHINI 2025.



Sumshodhini '2025' Poster Launch



As part of the inaugural day of Sumshodhini'25, the annual technical fest of Kakatiya Institute of Technology and Science (KITSW), the Department of Mechanical Engineering, under its students' association MESA, organized a one-day workshop titled "Explicit Dynamics – Simulating High-Speed Events Using ANSYS LS-DYNA."





MESA organize a One-day work shop “Explicit Dynamics” on ANSYS LS Dyna on 17th October 2025.



Valedictory- One Day work shop on “Explicit Dynamics” on 17th October 2025.

Group photograph taken during ‘Graduation Day’ with the Mechanical Engineering students, marking a memorable milestone in their academic journey.



Respected HoD, professors, and the Academic Coordinator addressing final-year students, emphasizing the importance of TPPSC examinations and placement opportunities.



Design Stream Faculty Meeting at HOD Chamber i2RE on 24.11.2025

Faculty Achievements (Conferences attended, lectures delivered, papers presented, research publications, awards, grants, fellowships received, conferences, seminars, workshops organized, key note speaker, consultancy work)

S. No.	Details of Faculty Achievement	Name of the Faculty	Details of the Achievement	Dates
1.	SCI-Research Publication	Dr. P. Srikanth, <i>Professor & Head, ME</i>	“Enhancing micro-EDM performance on high carbon high chromium tool steel with Sn-coated brass electrodes”, <i>Journal of Adhesion Science and Technology, Taylor & Francis Publication</i> https://doi.org/10.1080/01694243.2025.2579045	4 th November, 2025
2.	SCI-Research Publication	Sri V. Pradeep, <i>Assistant Professor</i>	Optimization of abrasive water jet machining parameters for basalt fiber/SiO ₂ nanofiller reinforced composites, <i>Nanotechnology Reviews</i> , https://doi.org/10.1515/ntrev-2025-0239	1 st November, 2025
3.	Conference	Dr. A. Devaraju <i>Associate Professor</i>	“Mechanical and Micro Structural Evaluation of stir cast aluminium metal matrix composites” 17 th <i>International Conference on Materials Processing and Characterization, Curtin University, Malaysia</i>	27-29 November, 2025

Faculty Participations in FDPs/STTPs/SDPs.

S. No.	Name of the Faculty	FDPs/ STTPs/ SDPs Attended	Host Institution / Organized by	Duration and dates
1	Dr. P. Srikanth, <i>Professor & Head, ME</i>	STTP-Infusing AI/ML & its applications for Non-Circuit Engineering Branch Curriculum	National Institute of Technology, Warangal	1-6 December, 2025
2	Dr. A. Devaraju <i>Associate Professor</i>	Two-Week Online Evening Course on National Capacity Building Program on Research and Publications	Indian Institute of Technology, Dharward	8-19 December, 2025
		One-week Online ATAL FDP on AI-Powered Optimization strategies for sustainable electric and fuel cell vehicles	Aditya University, AP	21-26 December, 2025
3	Dr. A. Hari Kumar <i>Assistant Professor</i>	Two-Week Online Evening Course on National Capacity Building Program on Research and Publications	Indian Institute of Technology, Dharward	8-19 December, 2025
4	Sri S. Anil Kumar, <i>Assistant Professor</i>	STTP-Infusing AI/ML & its applications for Non-Circuit Engineering Branch Curriculum	National Institute of Technology, Warangal	1-6 December, 2025
5	Dr. MD. Sameer <i>Assistant Professor</i>	Two-Week Online Evening Course on National Capacity Building Program on Research and Publications	Indian Institute of Technology, Dharward	8-19 December, 2025
6	Dr. G. Sai Kumar <i>Assistant Professor</i>	Two-Week Online Evening Course on National Capacity Building Program on Research and Publications	Indian Institute of Technology, Dharward	8-19 December, 2025