



KG REDDY
College of Engineering
& Technology
AN AUTONOMOUS INSTITUTION

NEWSLETTER

VOLUME 28 • JANUARY- 2025



**ENGINEERING
INDIA'S
CHANGEMAKERS**

DEPARTMENT OF CIVIL ENGINEERING (CE):

1. Memorandum of Understanding (MoU) with NICMAR University, Pune, on 23rd January, 2025.

NICMAR University, renowned for its excellence in Construction Management, Infrastructure Development, and Project Management Education, collaborates with our institution to enhance academic, research, and industry-oriented learning for our civil engineering students and faculty.



2. Soumya Sucharita Singha, Associate Professor and HOD, presented her strategies for Professional Course Design by Interactive Discussion with Industrial Experts and Board of Study -BOS members of the Civil Department in a One Day Workshop on "Mastering Course Content Development Specific Strategies for Effective course Content Design, held on 18th January, 2025.



Glimpses from the Workshop-Industry Expert Discussion on BIM and Revit Architecture Certification.

The Department of Civil Engineering, K.G. Reddy College of Engineering & Technology, recently held an insightful discussion with Mr. Sai Charan from DEIGNS LABS (Autodesk) on Enhancing Industry-Oriented Learning. The discussion focused on framing the syllabus for Building Information Modelling (BIM) and introducing a Certification Course on Revit Architecture. This initiative aims to equip students with cutting-edge skills in digital construction, architectural modeling, and design automation, aligning with industry demands. The collaboration will ensure hands-on training and exposure to Autodesk tools, preparing students for global BIM technology and architectural design opportunities.



Faculty Achievements:

- Kotha Hima Bindu, Assistant Professor, KGR CET was recognized as a Reviewer for the Twelfth International Conference on Transformations in Engineering Education -ICTIEE 2025 at VNR VJIET, Hyderabad, in association with IUCEE, from January 8 to 10, 2025.
- Kotha Hima Bindu, Assistant Professor, was honored with the prestigious "IGIP International Engineering Educator" title by the International Society for Engineering Pedagogy (IGIP). The recognition was conferred by IGIP President, Prof. Dr. Tiia Ruutmann, in Europe.

- Kotha Hima Bindu, Assistant Professor, received the Individual Honorary Membership Award at the International Conference on Transformations in Engineering Education (ICTIEE) 2025. The conference, organized by the Indo Universal Collaboration for Engineering Education–IUCEE Foundation, was held at VNRVJIET, Hyderabad, from January 8th to January 10th, 2025.
- K. Hima Bindu & Mr. G. Venkata Sai Prasad Participated and attended ICITEE 2025 Conducted by IUCEE Foundation held in VNR VJIET Hyderabad
- K. Hima Bindu, Assistant Professor, completed AICTE FDP on “Innovative Approaches to Disaster Management and Resilient Infrastructure” held at ATME Engineering College from 9th to 14th Dec. 2024
- Hima Bindu, Assistant Professor, delivered two sessions as a Resource Person on 23rd January, 2025 on the Topic “ICAP PEDAGOGIES and its Implementation Procedure in Engineering Classrooms” in the Workshop on Implementation of Student-Centered Learning in Engineering Classrooms held from 20th to 25th January, 2025.



- Ms. Rajitha, Assistant Professor, presented her reflections from the One-week Workshop on 25th January 2025.



- K. Hima Bindu & Mr. G. Venkata Sai Prasad, Assistant Professors of Engineering, presented their ICITEE 2025 Reflections in the Board Room in the Conclave conducted by the Centre for Engineering Education Development–CEED on 30th January, 2025.



- R. MM. Rathna Chary, Assistant Professor, delivered a session on "Importance of Student Centric Activities in Classrooms" on 23rd January, 2025 in a One-week SCL Workshop.



- The Gandhi Medical College Alumni Association, in collaboration with the Gandhi Medical College Global Alliance and Januaryatha Seva Trust, has organized a three-day program from January 19 to January 21, 2025, at the GMC-Alumni Education Center. This event, titled "Celebrating 25 Years of Resuscitation Training by GMC Alumni," will offer free training in Community Hands-Only CPR, primarily aimed at young students. Faculty member Mr. Ratna Chary from the Civil Department participated actively in the session. The training session was led by esteemed resource persons, including Dr. Raja Sheker Kollipara, Director of Community CPR and Secretary of GMCGA; Dr. Maheshwar Parvat Reddy, AHA Program Director of GMCAA; Dr. Ram Pasupuleti; President of GMCGA; and Dr. G.R. Lingamurthy from GMCAA. Approximately 1,000 students participated and received participation certificates and snacks following the sessions.



- Innovation Ambassador Training Certification – Foundation Level

We are proud to announce that Mr Gunjuluri Anvesh completed the Innovation Ambassador (IA) Training—Foundation Level conducted by MoE's Innovation Cell—Government of India and AICTE.

This prestigious certification involved 16 sessions totaling 30 contact hours, delivered online as part of the Institution's Innovation Council (IIC) Calendar Year 2024-25. The training equips ambassadors with essential skills in innovation, entrepreneurship, and startup ecosystem development, empowering them to mentor students and drive innovative initiatives within the institution.

This achievement reinforces our commitment to fostering an innovation-driven academic environment and strengthening our contributions to India's growing innovation landscape.

- National Level Training on JAVA Full Stack & AI

The Department of Civil Engineering, K.G. Reddy College of Engineering & Technology, congratulates Mahantesh N. Paruti for completing the National Level Short-Term Training Program (2K24) on JAVA Full Stack with React JS & AI.

The program, organized by Dr. V.R.K. Women's College of Engineering & Technology in association with Brainvision Solutions India Pvt. Ltd., Hyderabad, and AICTE, was held from December 2nd to December 22nd, 2024. This training provided in-depth knowledge and hands-on experience in Java Full Stack development, React JS, and Artificial Intelligence, fostering expertise in modern software technologies. We commend Mr. Mahantesh N. Paruti for this significant achievement and for staying ahead in the ever-evolving technology field. Such initiatives enhance the academic ecosystem and ensure faculty remain equipped with the latest industry trends.

Student Article:



An Overview of The Unconditional Love of Animals

SARMA SWATHI
ID: 220V03A0132

Thanks to my affectionate pets, I can take a moment of appreciation towards the creatures inhabiting our world. Because of my love for animals, I have always fought for their welfare and rights. In this article, I will explore my view of animals and the compassion, respect, and protection that I believe they deserve.

It is truly remarkable how a pet does not care about anything except being and cherishing their owner. The offer of love and affection from my side is more than enough for my pet. Their only concern is the affection and affection I show towards them while providing me with unconditional love and comfort. I deeply value this kind of love.

The Cognitive and Emotional Aspects of Animals

Animals are perceived with a lot of clarity in terms of their intellect or feelings. However, the fact remains that they are sentient creatures capable of feeling, thinking, and loving. My pets have their personalities, personalities, and skills. They can experience happiness, anxiety, and sorrow. That emotional depth is what makes them very suitable and lovable by us.

My college **K.G. Reddy College of Engineering and Technology** in Myrabad, Hyderabad, India is home to an animal shelter, making it an ecosystem for a variety of animals. The college campus is home to dogs, cats, pigeons, ducks, turkeys, hens, and rabbits.

The college aims to make the campus plastic-free and to create a sustainable future.

The college encourages students to be conscious of the environment, animals, and people.

The significance of the shelter is that the well-being of the animals is the responsibility of the students.

DEPARTMENT OF MECHANICAL ENGINEERING (ME):

- Department of Mechanical Engineering heartily congratulates the efforts of Dr. K. Udaya Sri for the successful recognition of ARYUVA Pvt. Ltd as a startup company by the Government of India



- L. Jayahari, Mr. S. Sathish, and Mr. B. Ramesh participated in the ICTIEE -2025 International conference, which was held from 8th to 10th January, 2025 at VNRVJIEET & VNRVJM Bachupally, Hyderabad.

- The Board of Studies–BOS conducted an online meeting on 11th January, 2025. The following Internal and External members participated in the meeting.



Internal and External BOS members were

| Members of BOS | | | | |
|----------------|--------------------------------|---|--|------------------------------|
| S.No | Name of the Member | Designation | Domain/ Specialization | Position |
| 1 | Mrs. k. Kalpana | Assistant Professor, HoD-Dept of MECH, KGR CET | Design specialization | Chairman |
| 2 | Dr. L Jayahari | Professor, Dept of MECH, Dean R&D, KGR CET. | Design specialization | Member |
| 3 | Dr. K Udayasr | Associate Professor, Dean DSA- Dept of MECH, KGR CET. | Thermal Specialization | Member |
| 4 | Dr. D. Baloji | Associate Professor, Dept of MECH, KGR CET. | Manufacturing Specialization | Member |
| 5 | Mr I. Vinoth Kanna | Assistant Professor, BOS Coordinator, Dept of MECH- KGR CET | Thermal Specialization | Member |
| 6 | Mr. K. Anil | Assistant Professor, Dept of MECH- KGR CET | Design for Manufacturing Specialization | Member |
| 7 | Mr. S Suresh | Assistant Professor, Dept of MECH- KGR CET | Industrial Engineering & Management | Member |
| 8 | Mr. S Sathish | Assistant Professor, Dept of MECH- KGR CET | Thermal Specialization | Member |
| 9 | Dr. K Prasanth Kumar | Professor, Department of MECH, IIT, Hyderabad | Academician, Design Specialization | Nominated by Principal/ HoD |
| 10 | Dr. Syed Mujahed Hussaini | Director, Professor, Nawab Shah Alam Khan college of Engineering & Technology, Hyderabad. | Academician, Former scientist at ISRO, Design specialization | Nominated by Principal/ HoD |
| 11 | Dr. Ch. Sridhar Reddy | Professor & Principal, Department of ME, JNTUH Manthani. | JNTUH Nominee | Nominated by Vice Chancellor |
| 12 | Mr. Palnati Uday | Deputy Manager, Midhani, Hyderabad. | Industry Expert | Nominated by Principal/ HoD |
| 13 | Mr. Manoj Kumar Bada Ghar Wala | Product Development mentor for start-ups, T-Hub, Government of Telangana State. | Industry Expert | Nominated by Principal/ HoD |
| 14 | Mr. Prasanna Kumar Turaga | Director of Operations-Automated Tooling Systems Pvt Ltd, Hyderabad. | Industry Expert | Nominated by Principal/ HoD |



- A One-Day Workshop on Mastering Course Development was held on 18th January, 2025. HoD, Faculty members, module coordinators, and Industry experts attended the workshop.

The following members participated in the Workshop:

| | | |
|---|------------------|---|
| 1 | Mr. Singaiah | Industry expert from Wipro & Sparv Technologies |
| 2 | Mrs. Pavani | Industry expert from Sparv Technologies |
| 3 | Mrs. K.Kalpna | HoD & Assistant Professor |
| 4 | Dr. L. Jayahari | Professor |
| 5 | Dr. K. Udaya Sri | Associate Professor |
| 6 | Dr. D. Baloji | Associate Professor |
| 7 | Mr. S.Sathish | Assistant Professor |
| 8 | Mr. B. Ramesh | Assistant Professor |



- Mr. B. Ramesh (Assistant Professor) coordinated a one-week workshop on "Implementation of student-centered Learning in Engineering Classroom" at the Digital Library from January 20 to 25, 2025.



- Ms. G. Tanya Psalms, Assistant Professor, participated in a one-week workshop on "Implementation of student-centered Learning in Engineering Classroom" from January 20 to 25, 2025, at the Digital Library.

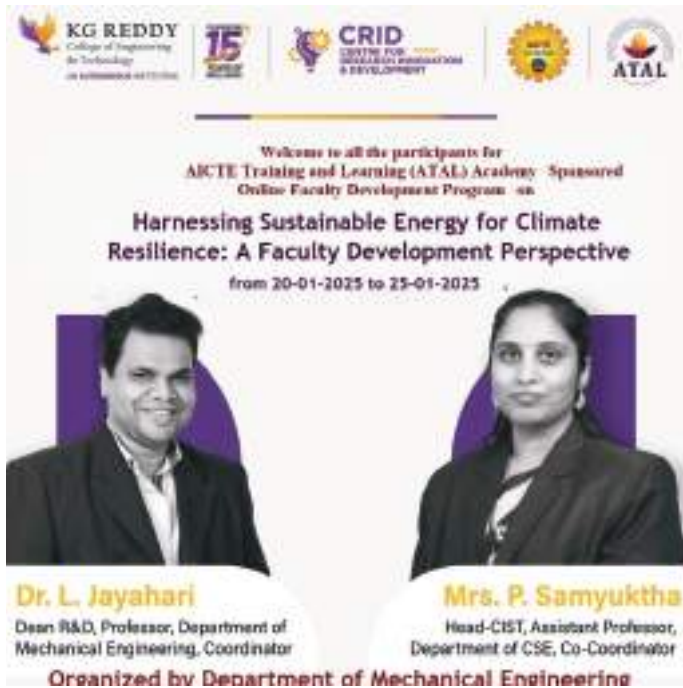


- As part of Curriculum Design, Dr. K. Udaya Sri and Mr.S Sathisve interacted with RPA expert Mr.Santhosh Kumar, Automation Lead Developer at EICS Automation & NTT GDC Ltd. Data and discussed various courses, such as RP, AA, Microsoft Power Automatic, on an Advanced RPA.



- An AICTE Training and Learning (ATAL) Academy-sponsored Online Faculty Development Program on "Harnessing Sustainable Energy for Climate Resilience" was organized by the Department of Mechanical Engineering from January 20th to 25th, 2025. Dr. L. Jayahari, Dean R&D Professor of the Mechanical Department, and Mrs. P. Samyuktha, Head -CIST & Assistant Professor, were the Faculty coordinators for this ATAL FDP.

- On 22nd January. 2025, a group of enthusiastic third-year Mechanical Engineering students had the opportunity to visit DRDO—MIDANI. This industrial visit was organized as part of the department’s initiative to bridge the gap between theoretical learning and practical applications in the field of mechanical engineering. Dr. K. Udaya Sri, Associate Professor, is the faculty coordinator for this industrial visit.



List of members participated in the FDP:

| Sl.No | Name of the faculty | Designation |
|-------|----------------------|---------------------------|
| 1 | Mrs. K. Kalpana | HOD & Assistant Professor |
| 2 | Dr. K. Udaya Sri | Associate Professor |
| 3 | Dr. D. Baloji | Associate Professor |
| 4 | Mr. S. Sathish | Assistant Professor |
| 5 | Mr. K. Praveen Kumar | Assistant Professor |
| 6 | Mr. P. Kondala Rao | Assistant Professor |
| 7 | Dr. A. Seshappa | Assistant Professor |
| 8 | Mr. G. Dheerj Kumar | Assistant Professor |
| 9 | Mr. K. Anil | Assistant Professor |
| 10 | Mr. B. Ramesh | Assistant Professor |
| 11 | Ms. G.Tanya Psalms | Assistant Professor |

| Sl.No | Year /Sem | Roll Number | Name of the student |
|-------|-----------|-------------|-----------------------------|
| 1 | III/I | 23QM5A0303 | Boyinapally Saiteja |
| 2 | III/I | 22QM1A0308 | B. Mahesh |
| 3 | III/I | 23QM5A0314 | R. Dinesh Kumar |
| 4 | III/I | 23QM5A0308 | Gangarajula Datta Sai Kumar |
| 5 | III/I | 22QM1A0302 | G. Nandu |
| 6 | III/I | 22QM1A0303 | K. Shivamanikanta |
| 7 | III/I | 23QM5A0309 | K. Manideep |
| 8 | III/I | 23QM5A0311 | Mohammad Tanveer Nawaz |
| 9 | III/I | 23QM5A0302 | B. Bharath |

- On 24th January. 2025, Dr.L.Jayahari, Professor & Dean CRID, and Mr.P.Kondala Rao, Assistant Professor, visited the ATS Pvt Ltd as a part of Curriculum Design and discussed with Mr. Jagdish various Emerging Technologies in connection to the Curriculum Design.



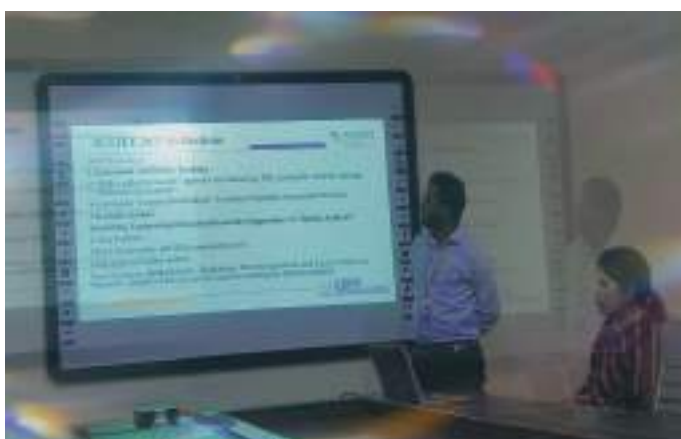
- On 23rd January, 2025, Dr. D. Balaji and Mr. K. Praveenn Kuma, faculty of the Mechanical Department, visited 7S-Technologies Pvt Ltd. as part of Curriculum Design and discussed various innovative developments at 7S Technologies in connection with Curriculum Design with Dr. Chandrasekarn.



- KGR CET organized an Alumni Meet on 25th January, for the 2010-2014 batch of Mechanical Engineering students. This Alumni batch has completed 10 years since their graduation.



- Mr. B. Ramesh and Mr. S. Sathish presented their ICTIEE-2025 VNRVJET conference learning outcomes on 30 January 2025 at the ICTIEE 2025 Reflections, organized by CEED, in the Board Room.



- The Department of Mechanical Engineering heartily congratulates the efforts of fourth-year Mechanical student Appala Rakesh Goud on getting two patents: a Two-Stage Smokeless Incineration System for Enhanced Filtration and Emission Neutralization and a Multi-Chamber High-Temperature Waste Incineration System with Advanced Emission Control.

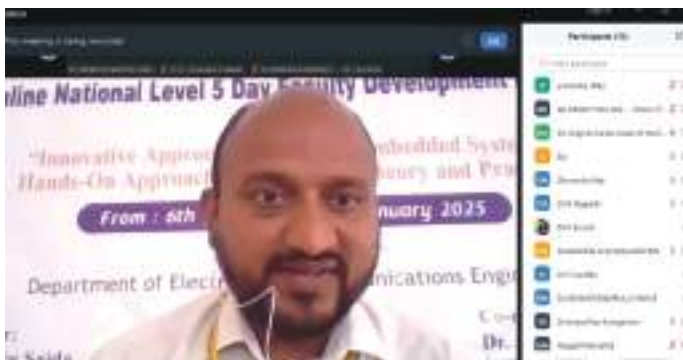
| Application Details | |
|------------------------------|--|
| APPLICATION NUMBER | 2024110004 |
| APPLICATION TYPE | REGULARY APPLICABLE |
| DATE OF FILING | 24/11/2024 |
| APPLICANT NAME | 1. Tall Sathish 2. Appala Rakesh Goud 3. Kaverana Raddy Pradyumn 4. Venkatesh Varaha Reddy 5. Chaitanya Tallentha 6. Venkatesh Jaganath 7. Pradeep Akhanna 8. Suresh Pradyumn 9. Kalyan Mahesh 10. Ramani Lakshmi |
| TITLE OF INVENTION | TWO-STAGE SMOKELESS INCINERATION SYSTEM FOR ENHANCED FILTRATION AND EMISSION NEUTRALIZATION |
| FIELD OF INVENTION | CHEMICAL |
| E-MAIL ADDRESS | 0996000409@gmail.com |
| ADDRESS (E-MAIL ADDRESS) | |
| E-MAIL ADDRESS (CHILD) | |
| PHYSICAL FILE NO. | |
| REQUEST FOR EXAMINATION DATE | |
| PUBLICATION DATE (ESTIMATE) | 03/01/2025 |

| Application Details | |
|------------------------------|--|
| APPLICATION NUMBER | 2024110005 |
| APPLICATION TYPE | ORDINARY APPLICABLE |
| DATE OF FILING | 24/11/2024 |
| APPLICANT NAME | 1. Tall Sathish 2. Appala Rakesh Goud 3. Kaverana Raddy Pradyumn 4. Venkatesh Varaha Reddy 5. Chaitanya Tallentha 6. Venkatesh Jaganath |
| TITLE OF INVENTION | MULTI-CHAMBER HIGH-TEMPERATURE WASTE INCINERATION SYSTEM WITH ADVANCED EMISSION CONTROL |
| FIELD OF INVENTION | CHEMICAL |
| E-MAIL ADDRESS | 0996000409@gmail.com |
| ADDRESS (E-MAIL ADDRESS) | |
| E-MAIL ADDRESS (CHILD) | |
| PHYSICAL FILE NO. | |
| REQUEST FOR EXAMINATION DATE | |
| PUBLICATION DATE (ESTIMATE) | 03/01/2025 |

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING (ECE):

1. Online National Level 5-Day Faculty Development Programme on Innovative Approaches in IOT and Embedded systems Hands-on Approaches' from 6th January to 10th January:

The 5-day Faculty Development Program (FDP) on Embedded Systems and the Internet of Things (IoT) was designed to equip faculty members with the knowledge and skills required to teach and research in these rapidly evolving fields. The program covered foundational concepts, advanced techniques, and practical applications of embedded systems and IoT technologies. Participants were introduced to the hardware and software components of embedded systems and the integration of IoT devices into various real-world applications such as smart homes, healthcare, and industrial automation.



2. IUCEE KGR Student Chapter is recognized as the Best Student Chapter at IASF 2025 on 8th January 2025 at VNRVJIET Hyderabad:

The IUCEE-KGR Student Chapter showcased exceptional talent, leadership, and innovation at several events, including VNR VJIET's IASF-25. We also encourage our members to participate in conferences where they can present their work, learn from experts, and build valuable connections for their careers.

The NEP Mini Course and other initiatives empower students to succeed academically, professionally, and socially, preparing them for future challenges and opportunities. Eighty-two students from various engineering branches completed the NEP courses offered by our chapter. Additionally, we were proud to receive the BEST Student Chapter Award from ICTIEE at the IASF-25 conference, honoring our dedication to excellence in engineering education.



3. An Industrial Interaction was held with the Expert team from Ananth Technologies Ltd, on 21st January 2025:

An Industrial interaction was held with the expert team from Ananth Technologies Ltd., including Dr. A.V. Reddy, Mr. Kiran Kumar, and experts from Embedded and VLSI design, alongside our faculty members, Mr. Vijaya Bhasker Reddy and Mrs. A. Kalpna. The discussion focused on designing professional elective courses in Embedded Systems and VLSI Domain. Valuable insights and suggestions from industry experts were the takeaways to enhance the curriculum design and implementation process.



4. Consultancy Product Development Project Proposal titled "Design and Development of Intelligent IoT-Based Smart Electronic Solutions:

The Department of Electronics and Communication Engineering has accepted a consultancy product development project proposal titled "Design and Development of Intelligent IoT-Based Smart Electronic Solutions." The project has been approved with a two-year grant of INR 4,00,000 (Four Lakh only).

The Principal Investigator for this project is Mrs. G. Lakshmi Bhavani, Assistant Professor, Department of Electronics and Communication Engineering, K G Reddy College of Engineering and Technology, Hyderabad, India. The project's design partner is Baradwaj Aravalli.

- VLSI chip fabrication places in India.
- VLSI Upcoming job opportunities in india
- Job roles in VLSI (DE , DVE)
- Salaries and packages.
- Fundamentals required for VLSI Design and Test engineer.



6. A Final year ECE student Surya Teja secured 'Best Intern of the Year 2024' from AB Tech Ville company:



5. A Seminar on Future of Semiconductor in India:

These points were the highlights:



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING(CSE):

1. Faculty Development & Enrichment Program in Emerging Technologies of AI & ML, Digital Transformation. Mrs. Manchala Manasa, Assistant Professor has completed the PROJECT DRONA, the first of its kind.



2. The IV-year students had an Insightful Industrial Visit to the Indian National Centre for Ocean Information Services (INCOIS), significantly enhancing their knowledge.



3. A 3- Days workshop on "AI" in collaboration with IBM and Magic Bus:

Students from II B Tech participated enthusiastically.



4. The inaugural Ceremony of CSI held:

Mr Chandra Dasaka, Head—Academia & Industry of CSI, explained the importance of CSI. The chief guest, Mr. Nagarjun Malladi, Vice President and Delivery Head at Tech Mahindra, gave the students more insights on IMPACT in AI Engineering. Mrs. M. Manasa, Assistant professor, was the coordinator.



5. A Guest Lecture was organized by the Blockchain Club:

The management and principal showed unwavering support and encouragement in making this event successful.



6. A Guest lecture on Computer Network was organized:

Associate Professor from Sathyabama University delivered an insightful lecture on Computer Networks to the 3rd year students.



7. A Guest Lecture on Computer Organization and Architecture was held:

Dr Sankari, an Associate Professor from Sathyabama University, delivered an insightful lecture to the second-year CSE students. Thanks to Hod, Dr. L. Raghu Kumar, and the class for supporting this event and making it successful.



8. A Guest Lecture on Database Management Systems was organized:

Dr Sankari, Associate Professor from Sathyabama University, delivered an insightful lecture to the 2nd year CSE students.



9. A Guest Lecture on Data Structure was held:

Dr T. V. Nagaraju, an Associate Professor from MLRIT, Hyderabad, delivered an insightful lecture to the second-year CSE students.



10. A Faculty Development Programme, titled "Innovating with Generative AI: Transforming Large Language Models for Real-World,":

This program was designed to provide faculty members with a comprehensive understanding of Generative AI, encompassing core areas such as image, text, and video generation and their practical applications. Renowned experts, including three overseas specialists, five industry professionals, and five academic scholars, will deliver insightful lectures, bridging theoretical concepts and real-world implementations. Coordinated by Dr. Hari Krishna Bommala and co-coordinated by Dr. L. Raghukumar, the FDP aims to equip participants with foundational knowledge and advanced insights to inspire application development and research in the dynamic field of Generative AI.

11. A Guest Lecture on Formal Languages and Automata was held:

Dr. Sanjeeva Poleoaka, Associate Professor from GRIET, delivered an insightful lecture to the 3rd year CSE students.



12. A One-Day Workshop on App/Web Development Club:

Mr. Rehmath, senior facilitator at TEKS ACADEMY, conducted the workshop for second—and third-year students. Mrs M. Manasa, Assistant Professor, coordinated it.



13. CEED had conducted the Teaching - Learning Conclave, Dr. Raghu Kumar was invited as an Evaluator.



14. Social Innovation and Entrepreneurship Summit - SAHYOG 2.0 was held:



15. An Industrial Visit was organized for 2nd & 3rd Year students:

The students from second and third years visited NxtWave Institute of Advanced Technologies for an industrial visit.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI & ML):

1. Swecha: AI Hackday-2025 was organized by Artificial Intelligence and Machine Learning Clubs:

The Swecha: AI Hackday-2025 is an event focused on Artificial Intelligence (AI) and Machine Learning (ML). The event is a Hackathon where participants gather to develop innovative AI and ML solutions within a limited timeframe. The organizers focused on promoting AI and ML education, research, and innovation.

This training covers AI, deep learning, and generative AI with hands-on PyTorch experience. Topics include VAE, CNN, GANs, and LLMs for tasks like image classification, disease detection, text-to-image generation, and chatbot development.



2. ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

It is certified that Miss FALAK TUBA, Assistant Professor, participated in and completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program on Advancements in Sustainable Energy Management and Environmental Protection at MAULANA AZAD NATIONAL URDU UNIVERSITY, POLYTECHNIC HYDERABAD, from 06 th to 11th Jan. 2025.

3. Student Achievements:

- Ramisetty Anu received a Certificate for actively participating in the two masterclasses on "Build Interactive Dashboard with Power BI."
- A Certificate is awarded to Santosh Udarapu for earning AWS AI Conclave Online Badges and a Badge of Attendance | AI Conclave| Spotlight Star on January 30, 2025.
- A Certificate is awarded to Venkat Peddina , On January 30, 2025 AWS AI Conclave Online Badges Earned and a Badge of Attendance | AI Conclave| Spotlight Star.
- Maruthi Kelgire has completed Exploratory Data Analysis for Machine Learning, an online non-credit course authorized by IBM and offered through Course | Jan 29, 2025.



- A Certificate is awarded to Sai Ram Yadav, On January 30, 2025, AWS AI Conclave Online Badges Earned and a Badge of Attendance | AI Conclave Spotlight Star
- Pulkanti Dhanalaxmi was awarded a Certificate for completing two weeks of the Winter Certification Program with CSRBOX on Prompt Engineering, which was hosted from 16 December to 30 December 2024.
- A Certificate is proudly presented to Nerala Jhansi in recognition of his/her active participation from 7 to 8 January 2025 at VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, during IUCEE Annual Student Forum (IASF) 2025.
- NERALA JHANSI received a Certification of Appreciation for Outstanding leadership and dedicated service as a volunteer at the St. GOT finale, the ultimate talent showcase.

DEPARTMENT OF MASTERS IN BUSINESS ADMINISTRATION (MBA):

1. MBA Hosted 'Bizfest 2025' – A Celebration of Entrepreneurship & Culinary Creativity:

'Bizfest 2025' was organized on 9th Jan. 2025. It was a spectacular food festival that transformed the campus into a bustling marketplace of flavors and innovation.

Students actively participated by bringing homemade recipes and setting up vibrant food stalls within the college premises. The festival perfectly blended culinary creativity and entrepreneurial spirit, offering students a unique hands-on learning experience.

From traditional delicacies to innovative fusion dishes, the event attracted an enthusiastic crowd eager to savor the diverse menu. Beyond just a feast for the taste buds, 'Bizfest 2025' became a real-world learning platform, helping students hone essential business skills like marketing, budgeting, and customer service.

The festival's overwhelming success highlighted the college's commitment to holistic education, emphasizing practical learning and teamwork. It was a memorable day filled with creativity, collaboration, and entrepreneurship, leaving a lasting impact on everyone involved.



2. Samardh - 2025:

The students made a remarkable impact at Samardh-2025, the prestigious National Level Management Fest hosted by Vardhaman College of Engineering, Kacharam, Shamsabad, Hyderabad, on January 30th and 31st, 2025.

DEPARTMENT OF STUDENT AFFAIRS (DSA):

1. A Workshop by the ULLAS TRUST:

The Annual 'Can Do' Workshop is poised to impact the students and the broader educational community significantly. By empowering top merit students from government schools, the event aims to boost their confidence, self-belief, and motivation, helping them realize that their dreams are achievable with determination and effort. The interactive nature of the workshop will allow students to develop essential skills such as problem-solving, critical thinking, and effective communication, which will not only enhance their academic performance but also contribute to their personal growth. The event is particularly impactful for students from underprivileged backgrounds, as it allows them to break socio-economic barriers, inspiring them to pursue higher education or entrepreneurial ventures. By focusing on top-performing students, the workshop has the potential to foster a culture of excellence within these schools, encouraging others to aim higher academically.

Furthermore, the collaboration between KGR CARES and Ullas Trust strengthens community ties and promotes further initiatives that support educational development. The workshop's long-term impact includes helping students set clear academic and career goals, increasing access to resources like scholarships and mentorship, and providing career guidance. This initiative also enhances the reputation of the organizing entities, positioning them as leaders in educational empowerment and attracting future partnerships and sponsorships. Overall, the 'Can Do' Workshop will inspire students to dream big, take actionable steps toward their futures, and create a positive ripple effect on the educational landscape.



2. Makar Sankranti Celebrations:

The Sankranti event had a significant positive impact. Students gained a deeper understanding and appreciation of Indian culture, particularly the significance of the Sankranti festival. The festive atmosphere and engaging activities contributed to a positive and enriching student experience, promoting overall well-being. The event added vibrancy and inclusivity to the campus culture, fostering a more diverse and an engaging environment. Furthermore, the successful organization of the event showcased the Department of Student Affairs' commitment to student engagement, cultural enrichment, and creating a positive campus experience.



By celebrating cultural diversity and fostering a sense of community, the Sankranti event left a lasting positive impact on the student body and the university. The Department of Student Affairs successfully organized a vibrant Sankranti celebration for students, featuring diverse activities. Students showcased their talents through cultural performances like Bhangra, Garba, and folk dances. Engaging in traditional games such as kite flying, pot-breaking, and Rangoli competitions fostered a sense of friendly competition and cultural immersion. Delicious traditional Sankranti delicacies like Pongal, and Til Ladoo were served, providing a taste of the festive spirit. Additionally, workshops on making traditional kites, designing rangolis, and preparing festive sweets allowed students to learn and participate in the celebrations actively.



CENTRE FOR ENGINEERING EDUCATION & DEVELOPMENT (CEED):

1. Mrs. Tuti Sandhya and Mrs. G Lakshmi Bhavani from the Centre for Engineering Education Development (CEED), KGR CET, served as jury members for the Project Expo Presentation sessions at the IUCEE Annual Student Forum (IASF) 2025, held on 7th – 8th January 2025 at VNRVJIET, Hyderabad.



2. The IUCEE KGR Student Chapter was honored with the Best Student Chapter Award for the year 2024 at the IUCEE Annual Student Forum (ASF) 2025, held at VNRVJIET, Hyderabad, on 8 January 2025.



3. The Centre for Engineering Education Development (CEED), KGR CET, was recognized as a Consortium Member of IUCEE during the IUCEE Annual Student Forum (ASF) 2025, held on 8 January 2025 at VNRVJIET, Hyderabad.



4. Mr K. Umashankar, Dean IQAC, and Ms. K. Himabindu, CEED Coordinator–Civil Engineering, have been awarded the International Engineering Educator Certification (ING.PAED.IGIP) by the International Society for Engineering Pedagogy (IGIP). The prestigious certification was conferred during ICTIEE 2025 on 10 January 2025 at VNRVJIET, Hyderabad.



5. During the International Conference on Transformations in Engineering Education (ICTIEE 2025), held on January 10, 2025, at VNRVJIET, Hyderabad, the IUCEE Individual Honorary Membership Award was conferred upon distinguished educators for their outstanding contributions to engineering education and academic excellence.

The awardees include:

- Dr. S. Sai Satyanarayana Reddy
- Mrs. Tuti Sandhya
- Dr. Madhulitha Sundaray
- Mr. K. Syed
- Mr. K. Umashankar
- Ms. K. Himabindu



6. On 9 January 2025, Mr. Khamruddin Syed, a CEED Member, served as Session Chair for the Paper Presentation session at ICTIEE 2025, held at VNRVJIET, Hyderabad.



7. Mrs. Tuti Sandhya, Mr. Khamruddin Syed, Mrs. G Lakshmi Bhavani, Ms. K Himabindu, and Mrs. Zareena Zamer have been honored as Star Reviewers for their outstanding contributions to reviewing research papers for ICTIEE 2025

8. 23 faculty members and seven students from KGR CET participated in the IUCEE Annual Student Forum (IASF) 2025 and International Conference on Transformations in Engineering Education (ICTIEE) 2025, held from 7th to 10th January 2025 at VNRVJIET, Hyderabad.



9. Seven students from KGR CET participated in the IUCEE Annual Student Forum (IASF) 2025, held from 7th to 8th January 2025 at VNRVJIET, Hyderabad.



10. A One-Day Workshop on "Reflections on Curriculum Design and Development for Outcome-Based Education (OBE) – KGR23: Mastering Course Content Development – Industry-Specific Strategies for Effective Course Content Design" was organized by the Center for Engineering Education Development (CEED) on January 18, 2025.







11. A One-Week Workshop on Implementation of Student-Centered Learning in Engineering Classroom was organized by the Center for Engineering Education Development (CEED) from January 20, 2025, to January 25, 2025 to new faculty of KGR CET

The workshop focused on the following topics:

- Teaching Philosophy statement & Introduction to student-centered learning
- Characteristics of 21st century learners
- Introduction of Backwards design
- Learning Outcomes Using Bloom's Taxon
- Curricular priorities of courses
- Alignment of course outcomes with Program Outcomes
- Formative and Summative Assessments
- Use of Rubrics for Evaluation
- Design of Evaluation Scheme for Assessment
- Introduction to ICAP pedagogies
- Continuation of ICAP pedagogies
- Pedagogical action plan for the course
- Complete updation of course files



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15 YEARS

CEED CENTER FOR ENGINEERING EDUCATION DEVELOPMENT

IEEE Education Society

One Week Workshop On
Implementation of Student-Centered Learning in Engineering Classroom

Mr. K. Lakshminarayana | **Ms. Praveen Reddy** | **Mr. Bharanidharan** | **Ms. Sushama** | **Mr. Mahesh Kumar**

Mr. Anand | **Ms. H. Sushama** | **Mr. Vijaya Bhaskar** | **Mr. Pragasam**

Date - 20th - 25th January 2025
Time - 10:00 am - 04:00 pm

Coordinator - **Ms. Gayatri**, **Ms. H. Sushama**
Organized by - Center for Engineering





12. The Center for Engineering Education Development (CEED) at KG Reddy College of Engineering & Technology (KGR CET) organized a Reflection Presentation Session on 30th January 2025, allowing participants to share their insights and experiences from the ICTIEE 2025 conference.





CENTRE FOR INNOVATION AND SOCIAL TRANSFORMATION (CIST):

1. On January 4, 2025, Mrs. P. Samyuktha, Head of CIST at KGR CET, delivered an insightful session on Sustainability and Social Innovation at the National Seminar sponsored by ICSSR-SRC, held at RBVRR College. Addressing an all-women faculty audience, she shared empowering ideas on driving innovation and sustainability. The interactive session encouraged faculty members to present their problem statements, leading to thought-provoking discussions and meaningful exchanges. Engaging in impactful conversations at the start of the year set the stage for fostering innovation and collaboration. CIST remains dedicated to empowering women and advancing sustainability through knowledge-sharing initiatives.

2. CIST Faculty Mrs. P. Samyuktha, Head, Mr. B. Lingam, Associate Head, and Mrs. Tuti Sandhya attended the IUCEE-ICTIEE-2025 conference from 7th January to 9th January 2025.



3. Mrs. Samyuktha and Mrs. Sandhya evaluated the student projects on the 7th as the Jury. The three faculty members attended the Design Thinking and Social Innovation sessions and explored collaborations during the conference.



4. On January 25, 2025, first-year students presented posters on Design Thinking and Sustainable Development under the guidance of Mrs. P. Samyuktha, Head of CIST, in the presence of Director Dr. K. Rohit. The expo highlighted human-centered design, empathy, and ideation, featuring engagement with villagers and proposed 3D solutions modeled in Fusion 360. With participation from 20 teams, the event fostered creativity and practical problem-solving among students.





5. Mr. B. Lingam, Associate Head, and Mr. B. Mohan represented at the International Conference on Creativity and Innovation with Grassroots (ICCI-5) held at IIM Ahmedabad. They presented a poster titled "CIST: Pioneering Engineering Education through Sustainability," showcasing its initiatives connecting classroom learning with real-world challenges. The presentation emphasized innovative approaches to solving sustainability issues through empathy-driven design, student engagement, and community collaborations. It is a platform to engage with global experts on creativity, grassroots innovation, and sustainable development, fostering meaningful conversations and partnerships for impactful solutions





6. On January 31, 2025, Dr. A. Seshappa participated as a Jury Member in CMR HACKFEST 2.0 at CMRCET, contributing to the final evaluation of problem statements related to Energy and Sustainable Resources. His expertise helped assess innovative solutions presented by participants, fostering discussions on sustainable advancements. CIST remains committed to supporting events that drive innovation and promote sustainable development.

TRAINING & PLACEMENT CELL:

1. Tech Mahindra Company Specific Training by T&P Cell (15 - 17 January 2025):

The Training & Placement Cell organized a 3-day Tech Mahindra-specific training from January 15-17, 2025. The sessions focused on resume building, LinkedIn optimization, and preparing students for Tech Mahindra recruitment processes. The Pro Career team provided extensive guidance and support, ensuring students understood each step. Participants can expect follow-up communications from Tech Mahindra as part of the recruitment process.



2. Emerging Technologies Training Program Phase-II by SAP Labs:

The Training & Placement Cell conducted a student development training session under SAP Labs' Code Unnati Program, supported by Edunet Foundation, from January 21 to January 31, 2025. The session provided hands-on exposure to emerging technologies, including Machine Learning, Artificial Intelligence, the Internet of Things (IoT), and the SAP ABAP platform. It offered valuable insights into their practical applications.





3. HDFC Life On-Campus Recruitment Drive (22nd January 2025):

The Training & Placement Cell organized an on-campus recruitment drive with HDFC Life on January 22, 2025. The drive offered an attractive package of 4.5 LPA to selected candidates of the MBA class 2025, providing students with an excellent opportunity to begin their careers with a leading company in the insurance sector.



4. Svatntra Micro Housing Finance Corporation Ltd On-Campus Recruitment Drive (22nd January 2025):

The Training & Placement Cell organized an on-campus recruitment drive with Svatntra Micro Housing Finance Corporation Ltd on January 22, 2025. The drive offered a competitive package of 4.2 LPA, providing students an excellent opportunity to kickstart their careers in the housing finance sector.



5. Tech Mahindra On-Campus Recruitment Drive (24th January 2025):

The Training & Placement Cell organized an on-campus recruitment drive with Tech Mahindra on January 24, 2025. The drive offered a package of 3.25 LPA, providing students with a valuable opportunity to join one of the leading global IT companies.



6. HDFC Life On-Campus Recruitment Drive Selects MBA Class of 2025

The Training & Placement Cell successfully organized an on-campus recruitment drive with HDFC Life on January 22, 2025. Offering an attractive package of 4.5 LPA, the drive provided an excellent opportunity for students to kickstart their careers in the insurance sector. Nine MBA students were placed, marking a significant achievement for the students and the institution.

7. Svantra Micro Housing Finance Corporation Ltd Selects MBA Class of 2025:

The Training & Placement Cell conducted an on-campus recruitment drive with Svantra Micro Housing Finance Corporation Ltd on January 22, 2025. The drive offered a competitive package of 4.2 LPA, providing students an excellent opportunity in the housing finance sector. Two candidates were selected as management trainees with a salary package of 3 LPA, which marked a significant achievement for the students and the college.

8. 10-Year KGR CET Alumni Meet for the 2010-2014 Batch (25th January 2025):

The Career Guidance Cell organized a 10-year Alumni Meet for the 2010-2014 batch on January 25, 2025. A total of 43 alums from various disciplines attended the event, reconnecting with their alma mater and sharing their career journeys. The meeting provided a platform for networking, fostering strong ties between the college and its graduates.



4. 8 students from Mechanical branch have been placed. They felt happy about getting a job offer at SPR HUMAN CAPITAL SOLUTIONS:





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