



KG REDDY
College of Engineering
& Technology
AN AUTONOMOUS INSTITUTION

NEWSLETTER

VOLUME 24 • SEPTEMBER - 2024



**ENGINEERING
INDIA'S
CHANGEMAKERS**

DEPARTMENT OF CIVIL ENGINEERING (CE):

1. Certification Course - Civil Engineering Site Operations from Theory to Practice - A Site Visit:

As part of the certification course, "Civil Engineering Site Operations: from Theory to Practice," an insightful site visit to the ASBL SPECTRA project at Kokapet was organized on 21st September 2024. This hands-on experience was for around 42 final-year students and two faculty members. It was an excellent opportunity to observe cutting-edge Civil Engineering practices in a real-world setting.

Guided by Mr. Santosh Reddy, Managing Director of SKICE, Hyderabad, the participants gained valuable exposure to site operations, project management, and on-ground decision-making complexities. The students observed construction processes in action, gaining practical knowledge about modern working techniques, safety standards, and innovative practices in civil engineering. Mr. M Rathna Chary and Mr. G Ravi Kumar coordinated this enriching visit. It enhanced their classroom learning and provided a deeper understanding of the industry's demands, reinforcing the importance of precision, safety, and adaptability.

This visit marks a significant step in the student's journey from theory to practice, offering them a real-world glimpse into the challenges they will face as future engineers.



Civil Engineering Site Operations: Bridging Theory with Practice.

2. Industrial Visit :

39 students from III year Civil Engineering, accompanied by two faculty members, Mr. Jagadish S. and Mr. Miryala Vijayakumar, Assistant Professors, embarked on an industrial visit to STONECRAFT WOODS, Shamshaba on 16th September 2024. The visit gave students a practical understanding of materials and techniques used in contemporary construction projects. Mr. Tulsi, the Project Manager, led the students through a detailed exploration of various processes, offering invaluable insights into the industry's practical aspects. This hands-on experience is crucial for enhancing the students' knowledge of civil engineering applications in the real world.



Industrial Visit for III year Civil Engineering students to STONECRAFT WOODS, Shamshabad.

3. Student Achievements:

- The final year Civil Engineering students were given the invaluable opportunity to participate in a Crash Course conducted by the Contractors Development Institute (CDI), a constituent unit of the National Academy Construction (NAC), Kondapur, Hyderabad. Tailored specifically for Civil Engineering students, this course aimed at enhancing their understanding of core concepts and practical applications in the field. This initiative will significantly contribute to their professional growth and future success by equipping students with essential skills and industry-relevant knowledge. We are deeply grateful for the support and guidance provided by the department and institute leadership in making this opportunity possible.
- Eleven final-year and 3rd year students have completed a certification in Generative AI from GUVI Geek Networks recognized as a Google for Education Partner. This certification, awarded on 8th Sept. 2024, marks a significant achievement in artificial intelligence. Their determination to stay ahead in the ever-evolving technological landscape reflects the innovative mindset that the department encourages. This accomplishment inspires fellow students and highlights the department's commitment to fostering skills in advanced AI applications.

Participated in a Crash Course by Contractors Development Institute (CDI)

- Eight final-year and 3rd Year students have completed the "Python Zero to Hero" course offered by GUVI Geek Networks, a Google for Education Partner. This certification, awarded on September 6, 2024, highlights the students' dedication to enhancing their coding skills and technical expertise. Eight students participated and completed the course, reflecting the department's commitment to fostering interdisciplinary learning. Their achievement demonstrates the growing importance of programming skills in civil engineering and prepares them to stay competitive in the rapidly evolving tech landscape.

Faculty Achievements:

- The Department proudly congratulates Dr. Soumya Sucharita Singha for successfully completing the prestigious online course on "AI/ML for Geodata Analysis", held from 19th to 23rd August 2024 organized by IIRS (Indian Institute of Remote Sensing), this comprehensive course, spanning 7 hours and 30 minutes, delved into cutting-edge applications of artificial intelligence and machine learning for analyzing geospatial data. Dr. Soumya's dedication to expanding knowledge in emerging technologies reflects her commitment to academic excellence and equipping students with the latest industry-relevant skills.
- The Department proudly acknowledges the participation of Dr. Soumya Sucharita Singha, Associate Professor and HOD, and Mr. G. Ravikumar, Assistant Professor, in the ATAL Faculty Development Program "Sustainable Water and Waste Management." This one-week FDP was held at Methodist College of Engineering and Technology, King Koti, Hyderabad, from 23rd to 28th Sept. 2024. Their involvement in this program underscores the department's commitment to staying at the forefront of sustainable practices, equipping faculty with advanced knowledge on water and waste management, which they will pass on to future civil engineers.





FDP participation: Sustainable Water and Waste Management.

- Mr. Miryala Vijayakumar is congratulated for participating in a one-week National-level Faculty Development Programme (FDP) on "Coastal Engineering: Comprehensive Insights for Onsite Solutions." The program was organized by the Department of Civil Engineering at Dr. D. Y. Patil Institute of Technology, Pune, in association with the Central Water and Power Research Station (CWPRS), Pune, from 2nd to 6th September 2024. This FDP provided Mr. Vijayakumar with advanced knowledge and practical insights into coastal engineering solutions, further strengthening his expertise in addressing real-world engineering challenges related to coastal environments. His participation in such esteemed programs reflects the department's commitment to continuous learning and professional development.
- On 26 September 2024, Mr. G. Anvesh, an Assistant Professor from the department, presented his reflections on Classroom Student-Centered Activities related to his Air Pollution course. The presentation occurred in the CEED Training Room and was conducted by the Centre for Engineering Education Development (CEED) at KGR CET. His insights focused on enhancing student engagement and learning outcomes through innovative, student-focused teaching methods, reflecting the department's commitment to adopting best practices in engineering education.

Go Green, Go Smart, Go Low Carbon

By Dhanlaxmi Bhukya, Civil 3rd Year (Reg. No: 23QM5A0106)



In an era where sustainability is not just a goal but a movement, third-year Civil Engineering student Dhanlaxmi Bhukya takes us on a journey towards a low-carbon future with her compelling poster, "Design for a Low Carbon Future." Her work narrates a pathway to a more sustainable world, emphasizing the impact of our choices on the environment.

The journey begins with simple, actionable steps like switching to LED bulbs and choosing low-carbon vehicles—signifying an individual's commitment to reducing their carbon footprint. As the path unfolds, Dhanlaxmi highlights everyday sustainable practices such as unplugging devices, using energy-efficient fans, and driving eco-fuel vehicles. These small but meaningful actions align with the Indian Green Building Council's (IGBC) guidelines, showing how personal choices can contribute to a healthier, sustainable world.

Her poster emphasizes waste reduction through composting, recycling, and material conservation. It visually integrates IGBC's role in promoting green practices across India, underscoring the importance of adopting renewable energy sources like solar panels and utilizing eco-friendly construction materials.

Dhanlaxmi's vision culminates in a future where sustainability is embedded in our cities' very design—where clean energy powers our homes, buildings are eco-friendly, and lush greenery lines our streets. Her work echoes the mantra "Go green, go smart, go low carbon" and serves as a call to action for all of us to join in shaping a more sustainable and innovative future.

In Dhanlaxmi's words, "Let us make our blue planet green by planting trees."

DEPARTMENT OF MECHANICAL ENGINEERING (ME):

1. CRID Team of KGR CET visited Anurag University on 28th September 2024 to find out about the availability of machines for the Mechanical Research work :

- 3D Printing facility with different types of multiple printers(PLA, FDM)
- Manufacturing lab (CNC of milling and lathe)
- Additive manufacturing lab
- NanoTechnology (Material Coating Machine and Solar Energy Research).

During the visit Dr.L.Jayahari Dean-CRID and Dr.D.Baloji interacted with Anurag University R&D coordinators Dr.Viswanath sir, Dr. Madan sir, Dr Singh sir, and Dr. Chalpathi.



Dr. L. Jayahari and Dr. D. Baloji interacting with Anurag University R&D Coordinator.

2. Parent-Teacher Meeting for the IV year students was conducted on 28th September 2024:



Mrs. K. Kalpana, HoD interacting with the parents.

3. The department organized a Guest lecture on DESIGN OF MACHINE ELEMENTS on 28th September 2024 by our proud Alumni, Mr. A Narender, Associate Design Engineer, Automated Tooling Systems India Private Limited. Mrs. K. Kalpan, Assistant Professor, was the faculty coordinator for the DME guest lecture.



A group picture of the event.

4. IV - year shortlisted students attended the on-campus drive held on September 20th, 2024. SRINSOFT TECHNOLOGIES was the recruiting company.

5. IIC organized the KGR CET internal Smart India Hackathon 2024 from 12th to 14th Sept. 2024 at KASE KGR CET.

KGR REDDY
K. R. G. Reddy Institute of Technology
K. R. G. Reddy Institute of Technology

15
YEARS

ASSOCIATION OF AMBA ACCREDITED COLLEGES

ASSOCIATION OF ISO 9001 CERTIFIED COLLEGES

ASSOCIATION OF ISO 14001 CERTIFIED COLLEGES

ASSOCIATION OF ISO 27001 CERTIFIED COLLEGES

ASSOCIATION OF ISO 45001 CERTIFIED COLLEGES

ASSOCIATION OF ISO 50001 CERTIFIED COLLEGES

ASSOCIATION OF ISO 9001 CERTIFIED COLLEGES

ASSOCIATION OF ISO 14001 CERTIFIED COLLEGES

ASSOCIATION OF ISO 27001 CERTIFIED COLLEGES

ASSOCIATION OF ISO 45001 CERTIFIED COLLEGES

ASSOCIATION OF ISO 50001 CERTIFIED COLLEGES

KGR CET INTERNAL SMART INDIA HACKATHON 2024

Themes:

- Smart automation
- MedTech/DeTech/ HealthTech
- Agriculture: Food tech and Rural Development
- Smart Vehicles
- Robotics and Drones
- Clean and Green Technology
- Renewable / Sustainable energy
- Block chain and Cyber Security
- Smart Education
- Miscellaneous

10th
SIH

Coordinators :
Mrs. P. Sanyuktha
IPAC - IIC Member
Mr. Satya RMA, IIC - IIC
Date: 12th - 14th September, 2024
Venue: KASE Building

Organized by: Institution's Innovation Council

REGISTRATION QR CODE

PDF TEMPLATE QR CODE

The following students participated:

Sl.No	Sl.No	Roll Number	Name of the student
1	III/I	23QM5A0303	Boyinapally Saiteja
2	III/I	23QM5A0304	Busa Rachana
3	III/I	23QM5A0307	G Anvesh
4	III/I	23QM5A0314	R.Dinesh Kumar
5	III/I	23QM5A0308	Gangarajula Datta Sai Kumar
6	III/I	23QM5A0312	Mohammed Ghouse Pasha
7	II/I	24QM5A0305	Moodu Shiva Shanth
8	IV/I	21QM1A0301	A.Hema
9	IV/I	22QM5A0304	Akhil Kumar
10	IV/I	22QM5A0307	C Abhinay
11	IV/I	22QM5A0309	Earpogu Dharma Teja
12	IV/I	22QM5A0315	Kashapogu David
13	IV/I	22QM5A0326	Peraboina Madhavi
14	IV/I	22QM5A0338	Kurapati Vasu
15	IV/I	22QM5A0341	Pamugari Manisha
16	IV/I	22QM5A0323	Palaparathi Nishanth Babu

6. We are delighted to share that ARYUVA, a KGR CET startup, has been selected as one of the top 50 finalists for the Coop Pitch 2024 competition, which will take place at IIM Kerala.



ARYUVA KGR CET - aryuva@kgr.ac.in

You're accepted! Welcome to the Coop Pitch 2024 Competition! (Team - CP2024627 | Aryuva)

Coop Pitch 2024 - coop.pitch@iimkerala.org
To: aryuva@kgr.ac.in | aryuva@kgr.ac.in
Thu, Sep 12, 2024 at 12:03 AM

Unique Team ID : CP2024627
Team Name : Aryuva

Dear Mr. Deepak R,

We are delighted to inform you that your team has been selected as one of the top 50 finalists for the **Coop Pitch 2024 Competition**. The event, hosted by IIMCS and the ICA, Dornus Trust, will take place at the **Jodhpur Institute of Entrepreneurship, Gandhinagar, Hyderabad, India**, from **October 16 to 18, 2024**.

Your proposal demonstrated creativity and potential in advancing cooperative entrepreneurship and we are excited to provide your team with a platform to showcase your ideas and connect with like-minded innovators.

Now that you have been selected, we would like to request you to complete the following immediate steps in your Coop Pitch journey:

1. Submission of **Cooperative Business Model Canvas (CBC)**
2. Submission of **Cooperative Business Plan abstract**
3. Submission of **Team Details** via **Google Form**

Confirmation email from the organizing team.

7. Mr. S. Sathish, an Assistant Professor from the department, participated in the CEED Monthly Teaching and Learning Conclave on September 26, 2024.

8. IEEE-RAS, in association with the Department of Mechanical Engineering, organized a workshop on the fundamentals of IoT on 10th Sept. 2024. M. Hitesh, an expert in embedded systems, was the resource person for this workshop, and Dr. K. Udaya Sri was the faculty coordinator.

**Workshop on
Fundamentals
Of IOT**

Coordinators:
Dr. Udaya Sri Kakarla
Mr. Anil Kumar

Date : 10th September 2024
Time : 09:45am to 4:00pm
Venue : Seminar Hall

M Hitesh
Expertise in Embedded Systems And
Integration of sensors with the microcontrollers

Organized by: IEEE - RAS
In Association With Department of Mechanical Engineering

Sl.No	Sl.No	Roll Number	Name of the student
1	III/I	23QM5A0301	Addanki Bhargav Srinivas
2	III/I	23QM5A0303	Boyinapally Saiteja
3	III/I	23QM5A0304	Busa Rachana
4	III/I	23QM5A0305	Dasari Raju
5	III/I	23QM5A0306	Erukala Srikanth
6	III/I	23QM5A0307	G Anvesh
7	III/I	23QM5A0308	Gangarajula Datta Sai Kumar
8	III/I	23QM5A0309	Kanulla Manideep
9	III/I	23QM5A0310	Malela Ravi Kumar
10	III/I	23QM5A0311	Mohammad Tanveer Nawaz
11	III/I	23QM5A0312	Mohammed Ghouse Pasha
12	IV/I	21QM1A0305	G.Abhinav
13	IV/I	21QM1A0310	M.Sridhar

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING (ECE):

1. The Department of ECE and Ekalavya Innovative Solutions Pvt. Ltd., Hyderabad, have signed a Memorandum of Understanding (MoU) to foster collaboration in several key areas. This partnership aims to benefit students through enhanced skill development and knowledge enrichment in the following areas on 5th September 2024.



2. A three-day workshop on the Internet of Things was organized from 12th to 14th Sept. 2024. This event was held with the IEEE Sensor Council through the IoT Club and Very Large-Scale Integration In association with the IEEE Nanotechnology through Circuitry Hub. Participants from various departments actively Engaged in hands-on sessions, which aimed to enhance their skills in emerging technologies



3. The Department of ECE organized the industrial visit on 25th Sept. 2024 for the second year of ECE. The number of students who participated was 62. Students got an opportunity to visit the Indian Meteorological Department. Senior Assistant in the Indian Meteorological Department explained the various activities to measure atmospheric characteristics like temperature, rainfall, humidity, light intensity, density, and movement of clouds. Direction and strength of Wind, through various techniques listed. Surface of the Earth.

- Surface of the Earth
- Upper air parameters.
- Satellite applications.
- Doppler RADAR.



4. Third-year ECE students attended the Seminar "Future of Chip Design" in India on 28-09-24. They learned about Basic chip design Concepts.



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING (CSE):

1. The Department of Computer Science & Engineering, in partnership with the Edunet Foundation, organized an enriching learning session titled "AI through Gen AI and Data Science through IBM." On 6th September 2024. The session, led by Principal Data Scientist Mr. Sasanka Valety, focused on the practical aspects of AI, particularly in chatbot development and natural language processing (NLP). Mr. Mohan from Edunet provided invaluable assistance throughout the session.



2. A One-Week Short Term Course/Faculty Development Program on "Cryptography and Network Security" was organized from 16th to 20th September 2024 with NITTTR, Chandigarh, and CRID- KGCET. The program aimed to enhance the knowledge and skills of faculty members, researchers, and industry professionals in the field of information security, with a focus on cryptographic techniques and network security protocols. Expert speakers from prestigious institutions shared insights on the latest advancements, challenges, and applications in the domain. Participants benefited from interactive sessions, hands-on workshops, and discussions that helped strengthen their understanding of securing digital

communications and protecting sensitive data. This initiative provided an excellent platform for academic collaboration and professional development.



3. A One-Day Workshop on "Chip Design" was held on 28th Sept. 2024. The event aimed to provide participants with insights into the latest trends, methodologies, and tools in chip design, a critical aspect of modern technology. The workshop attracted students, faculty, and industry professionals, fostering a collaborative learning environment.



4. Activities conducted by APP/WEB DEVELOPMENT CLUB

For 1st years:

Title: Web Design Fundamentals: Mastering HTML, CSS, and UI/UX Principles

Description: This workshop introduced the core concepts of web design, focusing on HTML structure, CSS styling techniques, and the powerful features of Flexbox. Participants learned how to create visually appealing layouts, enhance user interfaces, and apply UI/UX principles to build effective and responsive web pages. The session provided a solid foundation for students to start their journey into the world of front-end development.



Title: The Web Development Lifecycle: From Planning to Maintenance

Description: This session focused on the complete web development process, guiding participants through each lifecycle stage: Planning, Design (UI/UX design), Development, Testing, Deployment, and Maintenance. The workshop highlighted the importance of thorough planning, creating user-friendly designs, and structured development approaches. Participants also learned best practices for testing, deploying, and maintaining web applications to ensure they remain robust, secure, and up-to-date. This comprehensive overview equipped attendees with the knowledge needed to manage web development projects efficiently.



For 2nd Years:

Title: Exploring the Types of Web Applications: From Static to Progressive

Description: This workshop covered the different types of web applications, focusing on Static Web Applications, Dynamic Web Applications, Multi-Page Applications (MPAs), Single-Page Applications (SPAs), and Progressive Web Apps (PWAs). Participants gained insights into each type's unique characteristics, functionality, and use cases, understanding how to choose the suitable web application model based on project requirements. The workshop emphasized the evolution of web technologies and how they enhance user experience and application performance.



For 3rd Years:

Title: Full Stack Development Roadmap: A Step-by-Step Learning Path

Description: This session provided a detailed learning path for aspiring Full Stack Developers, starting with mastering frontend basics like HTML, CSS, and JavaScript. Participants were guided on advancing their skills by learning a frontend framework or library, such as React or Angular. The session then covered backend fundamentals, emphasizing server-side programming and logic and working with databases for data management. Finally, the workshop introduced building RESTful APIs to enable seamless communication between the front and back, giving attendees a comprehensive understanding of the Full Stack Development process.



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING – AIML (CSE-AIML):

1. A Guest Lecture on "Computer Networks Tools" was conducted on 13th September 2024, addressed by Mr. Singam Srikanth, Assistant Professor at MGIT, Hyderabad.



Guest Lecture On

Deep Learning Tools



Coordinator : Challe Ranga Swami

Date : 13th September 2024
Time : 09:20 Am
Venue : E - Class room

Organized by : Artificial Intelligence Club, Department of CSE (AIML)

3. Another Guest Lecture on "Computer Networks" was conducted on 20th Sept. 2024, addressed by Mr. K Kotaiah Swamy, MGIT, Hyderabad.



Guest Lecture On

Computer Networks



Coordinator : Venkatesh Rao

Date : 20th September 2024
Time : 10:00 Am
Venue : E - Class room

Organized by : Artificial Intelligence Club, Department of CSE (AIML)

2. A Guest Lecture on "Computer Networks" was conducted on 18th Sept. 2024, addressed by Mr. K Kotaiah Swamy, MGIT, Hyderabad



Guest Lecture On

Computer Networks



Topics Covered

- Elementary Data Link Protocol
- Sliding Window Protocol
- Example Data Link Protocol: HDLC
- Channel Allocation Problems
- Multiple Access Protocol

Coordinator : Venkatesh Rao, Y

Date : 18th September 2024
Time : 10:00 Am
Venue : E - classroom

Organized by : Artificial Intelligence Club and CSE AI & ML



4. One more Guest Lecture on "Machine Learning" was organized on 21st Sept. 2024, addressed by Mr. Yogesh Bandewar, Uni Reach Private Technology.

Guest Lecture On
Machine Learning

Coordinator : swarnika.rst

Date : 21st September 2024
Time : 10:00 AM
Venue : Seminar Hall

Organized by : Artificial Intelligence Club, CSE AI & ML

Mr. Yogesh Bandewar
Senior Lead Engineer



5. An Entrepreneurship Orientation Program cum Individual Awareness at NSIC, "NATIONAL SERVICES INDUSTRIES CORPORATION," a Central Government Corporation was organized on 19th Sept. 2024.

COMPUTER SCIENCE AND ENGINEERING - AINL
Industrial Visit

NSIC - TECHNICAL SERVICES CENTRE
NATIONAL SMALL INDUSTRIES CORPORATION
(A Govt. of India Enterprise under Ministry of MSME)
Kamathapur, Kothaguda, ECIL P.O. HYDERABAD - 500082

Entrepreneurship Orientation Program

19-09-2024



6. A Seminar on Empower Your Career with Data Science: Live demo & Nextonit Institute Insights" was conducted on 21st Sept. 2024, addressed by Mr. Manohar Chary Vadla, Founder And Expert from Nextonit Data Science Institute.

Seminar On
Empower Your Career with Data Science: Live Demo & Nextonit Institute Insights

Coordinator : Chaita Ranga Swami

Date : 21st September 2024
Time : 10:00 AM
Venue : Seminar Hall

Organized by : Artificial Intelligence Club and CSE AI & ML

Mr. Manohar Chary Vadla
Founder and Expert from Nextonit Data Science Institute



7. A Guest Lecture on "Computer Networks Tools" was conducted on 23rd September 2024, addressed by Mr. Singam Srikanth, Assistant Professor - MGIT, Hyderabad.



9. "AI Club organized a Workshop on 31st Sept. 2024:

10. STUDENTS CERTIFICATION OF CSE-AIML - SEPTEMBER

The following students are awarded with Certificates:

- GOPALA AKSHITHA was awarded on achieving for the completion of SAWIT. AI LEARNATHON program held on 21st September
- SOUTA SHIVA KUMAR for participating in the seminar on "EMPOWER YOUR CAREER WITH DATA SCIENCE". Held on 21st September
- RAMMULA KARTHIK was awarded the certificate of achievement for the completion of INTERNSHIP ON AI (30 DAYS).
- V. KUSHI REDDY for participating in "HANDS ON WORKSHOP: FUNDAMENTALS IoT". Held on 10th Sept.
- GADDI RAKESH KARTHIK is selected for the position of SYSTEMS ENGINEER in grade C1 in "TCSL" on 17th September
- SAI BHARGAV BODAPATI was selected for the position of SYSTEMS ENGINEER in grade C1 in "TCSL" on 17th Sept.
- THABASUM BEGUM for completing "INTERNSHIP". From 5th August to 1st September
- GOWLIKAR ADITYA for completing the training in the course of "ENTREPRENEURSHIP ORIENTATION PROGRAM CUM INDUSTRIAL AWARENESS" held on 19th Sept.

8. A Python workshop hosted by an AI Club, AI Club hosted a Two- Day Python Workshop on 30th & 31st Sept. 2024:



KG REDDY
College of Engineering
& Technology
K. J. Somaiya Institute of
Management & Information
Technology

15
YEARS
CELEBRATION

**ARTIFICIAL
INTELLIGENCE
CLUB**

Guest Lecture On
Deep Learning Tools

Coordinator : Chella Ranga Swami

Date: 23rd September 2024
Time: 09:20 Am
Venue : E-Class room

Organized by : Artificial Intelligence club, Department of CSE (A&ML)

Mr. Singam Srikanth
Assistant Professor & Head,
Department of CSE (A&ML)

- PITHANI for completing "SAWIT.AI LEARNATHON" program held on 21st September
- MS. MAVIDI YAMUNA for completing a training in the course of "ENTREPRENEURSHIP ORIENTATION PROGRAM CUM INDUSTRIAL AWARENESS" held on 19th September
- BHARATHI GADDE for completing "PYTHON ZERO TO HERO" programs held on 22nd September
- BHARATHI GADDE for completing "GENERATIVE AI " programs held on 22nd September
- MS. DEGALA VIGNESHWARI for completing the training in the course of "ENTREPRENEURSHIP ORIENTATION PROGRAM CUM INDUSTRIAL AWARENESS" held on 19th September
- PANTHULA SRAVANI for completing "SAWIT.AI LEARNATHON" program held on 21st September
- PANTHULA SRAVANI for completing "GENERATIVE AI " programs held on 23rd September
- PUNITH RAJ for completing "PROMPT DESIGN IN VERTEX AI SKILL BADGE" on 15th September
- THABASUM for completing "PYTHON ZERO TO HERO" programs held on 8th September
- THABASUM for completing "GENERATIVE AI " programs held on 8th September



3. MBA – Alumni Meet:

The Department of MBA hosted an Alumni Meet on September 28, 2024 for the 2020, 2021, and 2022 graduating classes. The event saw a vibrant turnout of 44 alums from various batches, fostering connections and celebrating their journeys since graduation. The gathering included esteemed guests such as Principal Dr. S. Sai Satyanarayana Reddy, Dean Academics Dr. M. N. Narsiah, Dean of Training & Placements Mr. Daniel Prabhakar, Dean of IQAC Prof. K. Uma Shankar, Dean of DSA Dr. Udaya Sree Kakarla, and Mrs. CH.Chandana, Head of MBA. To enhance engagement, the department organized fun games encouraging interaction among alums and faculty, creating a joyful and nostalgic atmosphere. This meeting allowed alums to reconnect with peers and faculty, share experiences, and strengthen the bond with their alma mater, reinforcing the sense of community within the MBA program.



MBA Alumni Meet – 2024

4. Orientation Day:

An Orientation Day for senior MBA students on September 4, 2024. The event featured valuable insights and guidelines provided by key figures, including Principal Dr. S. Sai Satyanarayana Reddy, Dean Academics Dr. M. Narsiah, Dean of Training & Placements Mr. Daniel Prabhakar, Dean of DSA Dr. Udaya Sree Kakarla, and Mrs. CH. Chandana, Head of the MBA Department. The orientation aimed to equip students with essential information regarding academic expectations, career opportunities, and personal development strategies as they approached the final phase of their studies. Both students and faculty actively participated, fostering a sense of community and collaboration. The event emphasized the importance of mentorship and networking, encouraging students to make the most of their remaining time in the program. Orientation is essential in preparing students for their future careers and professional journeys.



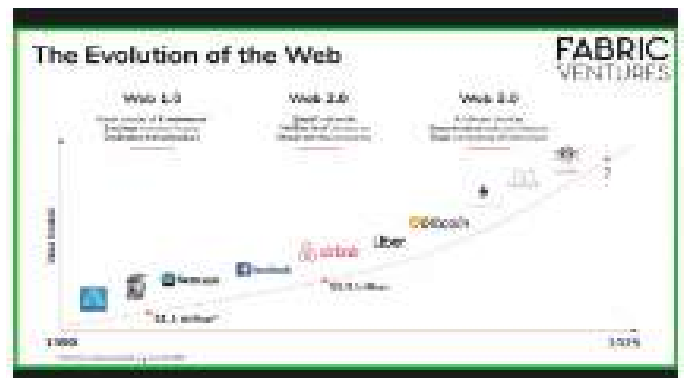


CENTRE FOR ENGINEERING EDUCATION (CEED):

1. CEED organized a weekly Action Research Sessions for the Faculty who are in certified IIECP Course from 5th September 2024.



1. Forty-four students from various departments, including CSD, Civil, and ECE, along with faculty mentors Ms. Gomathi, Ms. G Lakshmi Bhavani, Ms K Himabindhu and Ms. Tuti Sandhya, attended the first session of the "IUCEE NEP Mini Course on Leadership and Sustainability." and "IUCEE NEP Minicourse on Overview of Emerging technologies" These are 9-week courses, starting from 6th September 2024, aims to equip participants with essential skills in leadership and sustainability, fostering a solid foundation for personal and professional growth in alignment with the principles of the National Education Policy.



3. The Centre for Engineering Education Development (CEED) organized its Monthly Teaching and Learning Conclave on 26th September 2024, from 2:00 PM to 4:00 PM in the CEED Training Room. This regular event provides a platform for faculty members to share their teaching practices, learn from one another, and receive valuable feedback. During this session, Mrs. Kalpana Kilaru, HoD of the Mechanical Department at KGR CET, offered insightful suggestions and highlighted the importance of effective teaching and learning approaches to all participants, fostering a collaborative environment for professional growth.



4. On September 28th, the CEED organized activities for the MBA Department's alumni, fostering engagement and collaboration among former students. The event provided a platform for alums to reconnect, share their professional experiences, and explore opportunities for networking and mentorship. These activities strengthened the bond between the alums and the institution while encouraging knowledge exchange and career growth.



CENTRE FOR INNOVATION & SOCIAL TRANSFORMATION (CIST):

1. CIST hosted the Smart India Internal Hackathon, an event to foster a culture of innovation and entrepreneurship from the 12th to the 14th of September, 2024. This hackathon provided a unique platform for students to tackle real-world problems, allowing them to showcase their skills, collaborate effectively, and contribute to solving national challenges. Three hundred sixty talented students from all departments participated, forming 60 teams. We are grateful to our esteemed guests, Dr. M.K. Kaushik, Mrs. Meghana Bandi, and Mrs. Bharati Beri, for sharing valuable insights that inspired our students. We also extend heartfelt thanks to our Director for making this opportunity possible, our Principal for his continuous support, and the HoDs for motivating the students throughout the three-day event. Of all participating teams, 39 successfully submitted their solutions on the SIH portal, demonstrating creativity and entrepreneurial spirit—special thanks to the CIST faculty and I&E teams for their crucial support in successfully executing the hackathon.



KGR CET INTERNAL SMART INDIA HACKATHON 2024

Our Esteemed Jury

Dr. M.K. Kaushik CEO - Vikram Sarabhai IIT	Meghana Bandi Dean - Anna IIT, Anna University	Bharathi Beri Founder - Jyoti Social Enterprise

Organizers:
Mrs. P. Samyuktha, SPDC-SIH, IC - Convener
Mr. Sanyalika, CEO - KASE, IC - President

SMART INDIA HACKATHON 2024

Date - 12th - 14th September 2024 | Venue - KASE Building

2. On September 22, 2024, CIST Head Mrs. P. Samyuktha and Mr. B. Mohan led community engagement and STEM activities as part of our ongoing Unnat Bharat Abhiyan (UBA) initiatives in Sriram Nagar village. The villagers shared monthly updates and invited us to the upcoming Grama Sabha. A conversation with an elderly rose farmer inspired efforts toward sustainable solutions. Mr. Mohan's observation of the children's enthusiasm for anime-based learning led to the development of Vignana Samvardhana, a new initiative to introduce innovative STEM education across all UBA partner schools.



3. Mrs. P. Samyuktha and Mr. B. Mohan led community engagement and STEM activities in Sriram Nagar village on 24 September 2024, inspiring sustainable solutions for farmers and introducing the Vignana Samvardhana program to enhance STEM education in partner schools.



4. On 23rd September, CIST faculty members Mr. A. Seshappa, Mr. B. Mohan Sai, and Mr. B. Lingam met with the Agriculture Officer of Moinabad Mandal to discuss the cooling chamber project constructed in Surangal village. She responded positively and appreciated CIST's efforts to build the chamber to benefit the horticulture farmers.



5. CIST faculty member Mr. A. Seshappa and Technical Assistant Mrs. K. Manasa visited Hamstech on 9th September 2024 to observe various stitching techniques for cloth. Mrs. Sahithi Reddy explained the working methods of Banjara embroidery and the use of different machines. She also agreed to provide a one-week training on modern methods of bag-making.



CENTRE FOR RESEARCH & INNOVATION DEVELOPMENT (CRID):

SCI JOURNAL PUBLICATION:

1. Dr. K.Maithili, "DKCNN: Improving deep kernel convolutional neural network-based COVID-19 identification from CT images of the chest", Journal of X-Ray Science and Technology, 10.3233/XST-230424

SCOPUS JOURNAL PUBLICATION:

1. Dr. Siva Shankar S, "An Effective Resource Allocation and Revenue Generation for Rental Vehicles", International Journal of Transport Development and Integration, International Information and Engineering Technology Association, 10.18280/ijtdi.080303
2. Dr. Siva Shankar S, "Exploring Instagram Influencer Networks: A Graph Based Machine Learning Approach", Mathematical Modelling of Engineering Problems, International Information and Engineering Technology Association, 10.18280/mmep.110806

BOOK CHAPTER:

1. Dr. M. R. S. Suryanarayana Reddy, "Workplace Expectations of Gen-Z: An Empirical Study", Purpose and Values: Integrating Diversity, Equity and Inclusion, 10.4324/9781003501374-39
2. T. Venkata Ramana, "Humanity Deficit at the Workplace: Amplifying the Unheard Voice Through Empirical Research", Organization, Purpose and Values: Integrating Diversity, Equity and Inclusion, 10.4324/9781003501374-18
3. Dr. Siva Shankar S, "Real-world impact: Case studies and success stories in AI-driven Alzheimer's disease research and care", AI-Driven Alzheimer's Disease Detection and Prediction, IGI Global, 10.4018/979-8-3693-3605-2.ch016

SCOPUS CONFERENCE:

1. Mr. Chennakesi Ganesh, "Modeling and simulation of welded joints of SS304H & P91 Steels: A Review", E3S Web of Conferences, 10.1051/e3sconf/202455201037

Mr. Aaluri Suresh, "Experimental & numerical investigation of heat transfer using twisted tapes with rectangular cuts", E3S Web of Conferences, 10.1051/e3sconf/202455201010

3. Mr. Srinivas D, "Performance analysis of solid-state batteries in Electric vehicle applications", E3S Web of Conferences, 10.1051/e3sconf/202455201149
4. Mr. Thangamani Kothapally, "Strength properties of soil stabilization with natural fiber (coconut coir)", AIP Conference Proceedings, 10.1063/5.0225016
5. Dr. Madhusoodanan Nair, "Ray Tracing and Simulation of Parabolic Dish Collector Using Soltrace for Vehicle Applications", E3S Web of Conferences, 10.1051/e3sconf/202455201026
6. Mr. Srinivas D & Ms.Samyuktha P, "Fuzzy Logic Controller-Based DSTATCOM to Improve Power Quality in Distribution System", Lecture Notes in Electrical Engineering, 10.1007/978-981-97-2788-9_3
7. Dr.Lade Jayahari, "Wear parametric Optimization of FSW parameters on Al Alloy Using MLP technique", E3S Web of Conferences, 10.1051/e3sconf/202455201085
8. Ms.P. Shirisha, "Simultaneous Wireless Power and Data Transfer in Different Applications", E3S Web of Conferences, 10.1051/e3sconf/202455201147
9. Mr. Lalisetti Ganesh, "Investigation & Optimization of WEDM Process Parameters using Inconel 690", E3S Web of Conferences, 10.1051/e3sconf/202455201030
10. Dr. D. Chandra Prakash, "Grid Secondary Frequency Control by Fuzzy PI - PD Controller", E3S Web of Conferences, 10.1051/e3sconf/202455201142

11. Mr. Nimmagadda Babu, "Review On Development, Nanoparticle Reinforcement and Sustainable Materials For Enhancement Of Mechanical Properties In Aluminium Hybrid Metal Matrix Composites", E3S Web of Conferences, 10.1051/e3sconf/202455201068
12. Mr. B. Lingam, "Investigation of WBG based Power Converters used in E-Transportation", E3S Web of Conferences, 10.1051/e3sconf/202455201145
13. Dr. M. Durga, "Analysis of IoT and Artificial Intelligence Smart Transportation System Application Technology", 2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2024, 10.1109/AMATHE61652.2024.10582176
14. Mr. K. Kalpana, "Experimental Analysis on Turning of Super Duplex UNS 32750 Steel Using Minimum Quantity Lubrication Process", E3S Web of Conferences, 10.1051/e3sconf/202455201076
15. Dr. Dharavath Balaji, "Analysis of the stir casting parameters of Al 6000 series composites using TOPSIS method", E3S Web of Conferences, 10.1051/e3sconf/202455201087

CAPACITY BUILDING PROGRAM:

1. CRID conducted an Awareness session on "Consultancy Works", dated on 05.08.2024 addressed by Dr. Srinivasa Reddy, Professor, Department of Civil Engineering, KG Reddy College of Engineering and Technology, Hyderabad.



Awareness Session on Consultancy Works

Coordinator : Dr. BP Narasiah

Date : 5th August 2024

Time : 06:00 pm

Venue : Digital Library

Organized by : Centre for Research
Innovations & Development



2. CRID conducted a 1 day workshop on "Innovation & Patent Strategies", dated on 22.08.2024 addressed by Mr. Ravi Kumar Chandana, Director of Operations, EigerTech, Hyderabad.



Workshop on Innovation & Patent Strategies

Coordinator : Dr. Srinivas Jhaite

Date : 22nd August 2024

Time : 09:00 pm

Venue : Seminar Hall

Organised by : Centre for Research
Innovation & Development



Workshop On Achieving Academic Excellence: A Case Study of NIRF

Coordinators :
Dr. L. Jayahari, Dean R&D

Date : 29th August 2024

Time : 10:30 AM

Venue : Board Room

Organised by : Centre for Research,
Innovation and Development



3. CRID conducted a workshop on "Achieving Academic Excellence: A Case Study of NIRF", dated on 29.08.2024 addressed by Dr. Gopala Krishna Pasumarty, Dean, Assessment & Accreditation, GRIET, Hyderabad.

4. CRID conducted an Awareness session on "CRID invites proposals to form Research Group", dated on 30.08.2024 addressed by Dr. L. Jayahari, Dean R&D, KG Reddy College of Engineering and Technology, Hyderabad.



- Focus areas for research are primarily AI (Machine Learning and Deep Learning) and Computer Vision.
- 3D printing facility with different types of multiple printers(PLA, FDM)
- Manufacturing lab(CNC of milling and lathe)
- Additive manufacturing lab
- Nanotechnology (Material coating machine and solar energy research)
- Doing Research on small Satellites
- Hiring POPs (professors of Practice) is elevating the research scope of the department.

AWARDS

5. Dr. B. Vandana acts as Reviewer in " First International Conference on Semiconductor Materials packaging, AI&ML, Reconfigurable VLSI Architectures for IoT, Future Communication Technologies"(SMART-2024) during 19-20 September 2024



VISIT TO ANURAG UNIVERSITY:

- Visited VLSI & Embedded & IoT labs. In VLSI Cadence tool is available
- Visited Nanomaterial lab and discussed about the material absorption with spectrometer

TRAINING & PLACEMENT CELL (T&P CELL) :

1. Emerging Technologies Training Program:

The Training & Placement Cell organized a student Development training Awareness Session under the Code Unnati Program of SAP Labs, supported by the Edunet Foundation, on 7 August 2024 for the class of 2025. This session is focused on the practical applications of Machine Learning, Artificial Intelligence, the Internet of Things (IoT), and the SAP ABAP platform.



2. The Training & Placement Cell organized a Student Development Training program under the Code Unnati initiative, sponsored by SAP Labs and supported by the Edunet Foundation. The training occurred from August 28, 2024, to September 10, 2024. Mr. Dwaraka Reddy Makka, a distinguished expert from the Edunet Foundation, led the program and provided in-depth insights and practical knowledge throughout the training sessions.

3. The Cell conducted SRINSOFT on campus recruitment drive on 20 September 2024, Package offered was 3 LPA to 4 LPA:

SRINSOFT KG REDDY College of Engineering & Technology
15 YEARS OF EXCELLENCE

POOL CAMPUS RECRUITMENT 2025 BATCH

BRANCH: MECHANICAL ENGINEERING
ROLE: AUTO CAD DRAFTER, DEVELOPMENT TRAINEE NPR

PACKAGE 3-4 LPA

20th SEPTEMBER, 2024, SEMINAR HALL, 10:00 AM

4. 4 students from Mechanical branch have been placed. They felt happy about getting a job offer at SRINSOFT Technology:

Sl.No	Roll Number	Name of the student
1	21QM1A0304	Ghulam Junaid Ansari
2	21QM1A0310	Majiga Sridhar
3	22QM5A0301	A.venkataramana
4	22QM5A0309	Erapogu Dharma Teja



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