



KG REDDY
College of Engineering
& Technology
AN AUTONOMOUS INSTITUTION

NEWSLETTER

VOLUME 6 • MARCH - 2023



**ENGINEERING
INDIA'S
CHANGEMAKERS**

DEPARTMENT OF ELECTRONICS & ELECTRICAL ENGINEERING

1. An Alumni Interactive Session on 11th March:

Department of ECE conducted an Alumni Interactive Session for the final year students on 11th March. Dr M.N Narsaiah-HOD Introduced the Alumni members. Mr. Sai Kumar shared his ideas and was grateful to the student's development in the Embedded systems domain.

2. Thailand Professor's visit to the department:

Professor KAMOL WASAPINYOKUL from Thailand visited department. Outline of the visit is to build knowledge on:

- Interaction with the students to create awareness on internships at Thailand
- Scope of electronics in future
- Visiting department all laboratories
- Visit to research laboratories.
- Interaction with faculty members.



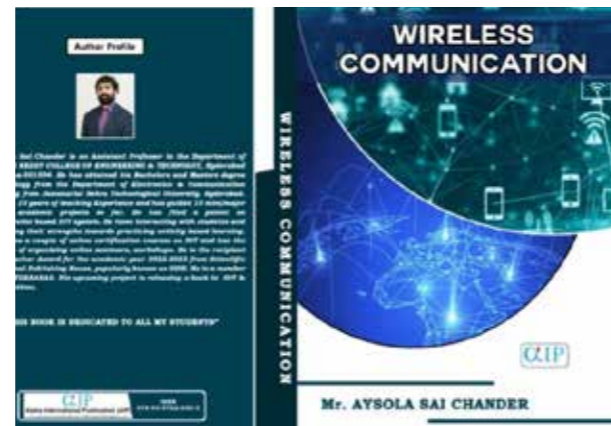
Prof. KAMOL WASAPINYOKUL with the ECE department faculty members.

3. Company Placement Awareness Session :

Mr, Daniel Prabakar has specified the list of different core companies in Electronics and Communication as follows, Electronics:

- Collins Aerospace India Enterprises Pvt Ltd. Hyderabad / Telangana. ...
- DTDS Technology Pvt Ltd. Hyderabad / Telangana. ...
- MacLean Power India Pvt Ltd. ...
- Redex India Pvt Ltd.

4. Awards & Recognitions:



Mr. A. Sai Chander has written a text book on Wireless communication systems.



Students received second prize in project expo with 5 in 1 ROBO.

5. A One Day Workshop on Lab View Programme & PCB Design:

Mr. A. Sai Chander, Assistant Professor organized a One Day Workshop on Lab View Programming and PCB Design for II & III year students.

Take aways of the One Day Workshop is to build knowledge on:

- Introduction to VLSI and Embedded systems
- Design flow of IC fabrication
- Fabrication of IC's using VLSI technology
- Introduction to Easy
- Procedure steps to execute and develop various circuits using Easy EDA tool
- Hands on session for designing various circuits PCB circuits and 3D modelling



Dr. M N Narsaiah & Mrs. G Lakshmi Bhavani.



Work Shop Participants Group Photo.

6. An Audit by an External Expert on 21st March:

On 21st March, the department welcomed an external expert who shared valuable insights on how to prepare for an external expert audit. He emphasized on the importance of preparing well in advance and establishing a robust quality assurance system that ensures compliance with regulatory requirements and industry standards.

The expert's visit provided practical tips on how to engage stakeholders, including students, staff, and external partners, in the audit process. The expert's recommendations will be used to enhance the quality of education provided and ensure compliance with regulatory requirements and industry standards. The institution is committed to continuous improvement and will use the expert's inputs to develop an action plan to address the identified areas for improvement. The expert's visit was timely and informative, providing a wealth of knowledge to help the institution improve its systems and processes.



A Group pic after the session.

7. An Awareness Program on Traffic Rules on 29th March:

On 29th March, Our College hosted a Traffic Rules Awareness Program that was conducted by the Police Personnel led by Moinabad SI Mr. Shraavan Yadav. The program aimed to educate students about the importance of following traffic rules & regulations and to create awareness about the consequences of traffic rules violations.



The Session in progress.

8. An Awareness Program on Mini Projects with NIIT Andhra Team on 25th March:

An awareness program on Mini Project with NIIT Andhra Team was conducted on 25th bMarch 2023. During the session the team members from NNIT hves discussed the following points:

- Scope of Machine Learning
- Projects on Machine Learning
- Voice and speech Recognition concept
- New Technological trends in 2023.



9. A Guest Lecture in EMFW on 31st March:

A Guest Lecture was organized in Electro Magnetic Fields & Waves (EMFW) on 31st March 2023.:

The department of Electronics and communication Engineering has organized a Guest Lecture on Electromagnetic Fields and Waves, Maxwell's Equation, Poisson's Equation, Laplacian Equation, etc for II /II Sem students on March 31st 2023 by Mr. BAJIBABU MUTTE Assistant Professor in Vasavi College of engineering Hyderabad. Maxwell was the first person to calculate the speed of propagation of Electromagnetic Waves which was same as the speed of light and came to a conclusion that EM waves and visible light are similar. These are the set of partial differential equations that form the foundation of classical electrodynamics, electric circuits and classical optics along with Lorentz force law. These fields highlight modern communication and electrical technologies.

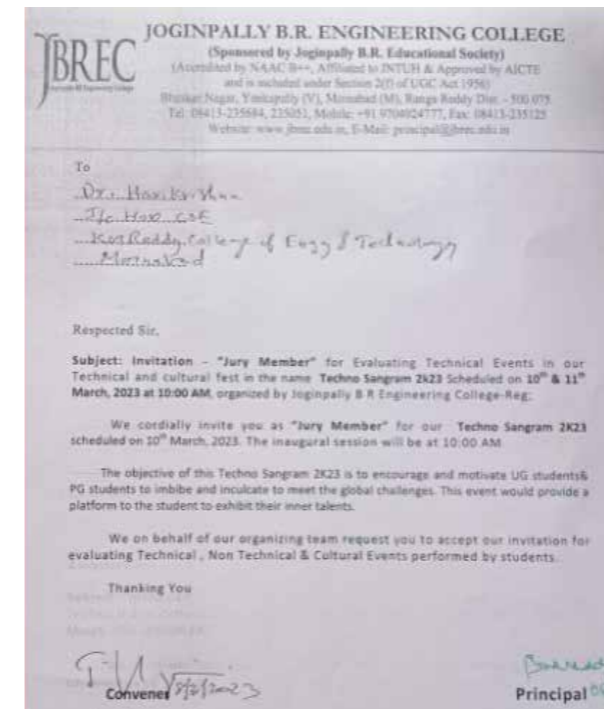
While introducing to Mr. BAJIBABU MUTTE Sir by Head of the Department and Staff

Explaining the importance of Maxwell's equations and set of partial differential equations.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

ACHIEVEMENTS IN THE DEPARTMENT:

- Dr. Siva Shankar S, Evaluate Summary of Thesis for award of Ph.D Degree in Computer Science and Engineering
- Dr. Hari Krishna was appointed as a Jury Member for Evaluation of Technical Events at JBREC, Moinabad.



- One of our students Ajay from III CSE got paid Internship of Rs.12000/- at Petrichor Investment, Hyderabad.

INTERNSHIP OFFER LETTER



Dear Mr. Ajay,

We at Petrichor Investments are delighted to offer you a Full Time Internship for the role of "Research Intern".

It is intended for you to commence your internship on 27th Mar 2023.

You will be given a Stipend of Rs. 12,000/- (Twelve thousand rupees only) per month.

You will be working from Monday to Saturday, whereas the Second and Fourth Saturdays are off.

You will be required to devote a substantial amount of your time and attention toward the performance of your duties under this agreement.

We look forward to having you on our team!

Yours Sincerely

Sreeja P HR
Petrichor Investments

Corporate address: Second Floor, Plot No. 733, Road No. 36, Jubilee Hills, Hyderabad - 500034
Reg. Office Address: Plot No. 20A, Prabhat Nagar, Gaddiannaram, Hyderabad - 500035
www.petrichorinvestments.in

- Dr. Hari Krishna Bommala has participated in a Six Days National Level Online Workshop on "Effective Filing of NAAC AQR-Streamlining Institutional Performance" held on 13th to 18th March, 2023 Organized by IQAC, Vardhaman College of Engineering, Hyderabad.

Dr. Hari Krishna Bommala is working as Associate Professor, Department of CSE, K G Reddy College of Engineering and Technology, Hyderabad, Pursued Fulltime-Ph.D. from Yogi Vemana University, Kadapa, and Andhra Pradesh. Completed M.Tech from Acharya Nagarjuna University, Guntur, Andhra Pradesh. Completed B.Tech degree from QIS college of Engineering and Technology, affiliated to JNTU Kakinada Andhra Pradesh. He has interest in the area of Cloud Computing, Information Security, and Intelligent Computing with security. Published 25+ research articles in ESCI, WoS, DBLP, and SCOPUS indexed journals and conferences. He has published 2 books. Published 2 Indian patents work in the fields such as fog computing and intelligent cloud with security, and his completed online courses in NPTEL on Cloud Computing, and Blockchain Technology. He is a Life Member of MISTE. He is qualified three times GATE during the year of 2009, 2010, and 2011 and he is qualified TSSET-2017. He has two Ph.D. scholars from Bharatiya Engineering Science & Technology Innovation University, Anathapur, Andhra Pradesh.

Dr. Harikrishna Bommala has done enormous research and given contributions in the field of security and privacy in cloud based services. He has delivered sessions at various levels like STTPs, FDPs, and Research Methodology. Dr. Harikrishna Bommala is the earlier coordinator for Quality Enhancement in Engineering Education (QEEE) in a committee set up by the Department of Higher Education, MHRD, Govt. of India, in the JNTUA College of Engineering Pulivendula, Andhra Pradesh., organized various Technical programs, and served as a technical committee member; reviewer for the IEEE and Scopus indexed journals and various conferences. He has delivered sessions in various capacities. Dr. Harikrishna Bommala had received the Best QEEE coordinator, IIT Madras, Department of Higher Education, MHRD, Govt. of India.

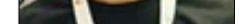
- **Mr. Surendhar Soundararajan**, has participated in a Six Days National Level Online Workshop on "Effective Filing of NAAC AQAR-Streamlining

Institutional Performance "held on 13th to 18th March,2023 Organized by IQAC,Vardhaman College of Engineering, Hyderabad.

- **Mr. Surendra Tripathi**, Asst. Prof. Surendra Tripathi, has participated in a six day National Level Online Workshop on "Effective Filing of NAAC AQAR-Streamlining Institutional Performance "held on 13th to 18th March,2023 Organized by IQAC,Vardhaman College of Engineering, Hyderabad
- **Mrs. Manasa**, Asst. Prof. has achieved "Fastest first Dronas" achievement, of Faculty being recognized at KRB Auditorium IIITH.



- **Tarun** from Final year has got an internship.
Company: Metalok Solution Pvt. Ltd.
Designation: Associate Back-End Developer
Stipend Amount: ₹1, 80,000/- (P.A)
- **Ms.Shivani Gupta**
Company: Nitro Network
Designation: Software associate intern
Stipend Amount: ₹10,000/-
- **Ms.Shreyareddy**
Company: Botdefense IT Solutions Private Limited
Designation: Software Associate Intern (Team coordinator)
Stipend Amount: ₹15,000/-
- **Garlapati Nikhil Gupta**
Company: Botdefense IT Solutions Private Limited
Designation: Software Associate
Stipend Amount: ₹15,000/-
- **Devara Ashrith Kumar**
Company: Nitro Network
Designation: IOT Research Intern
Stipend Amount: ₹10,000/-
- **Ms K.Swathi**
Company: JSpiders
Designation: Python Full Stack Developer
- **G.Sowmya**
Company: Qspiders
Designation: Python Full Stack Developer
- **Mr.G.Hrushinath**
Company: Botdefense IT Solutions Private Limited
Designation: Team Leader
- **Aman Rajesh Singh Thakur**
Company: Design Integration
Designation: Microsoft Office-Intern
Stipend Amount: ₹10,000/-



DEPARTMENT OF CSE-DATA SCIENCE

1. An Expert Lecture on IPR on 14th March:

An Expert Lecture on IPR (Intellectual Property Rights) was conducted on 14th March 2023.

Mrs. Sandya Tuti was the resource person. The students were informed to understand the overview of Intellectual Property and Acquire Knowledge on Intellectual Property, Build Various forms of Intellectual Property and Analyze Intellectual Property Protection Mechanism.

2. A Workshop on "Data Interpretation and Critical Reasoning" on 21st March:

A Workshop on "Data Interpretation and Critical Reasoning" was conducted on

21st Mar. 2023. Ms Shilpa Bansal was the resource person. The students were informed on Organizing and interpreting given data, as to get meaningful conclusions. And also understand the critical Reasoning, it is all about systematically discovering, analyzing and problem solving.

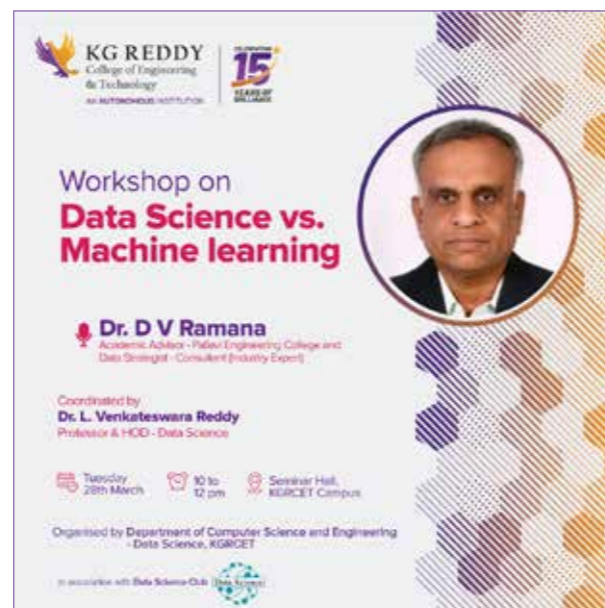
3. A Guest Lecture on Data Science vs. Machine Learning on 28th March:

A Guest Lecture on "Data Science vs. Machine learning" was conducted on 28th March 2023.

Dr. D. V. Ramana was the resource person. The students were informed that Data can be defined as a representation of facts, concepts or instructions in a formalized manner which should be suitable for communication, interpretation or processing by human electronic machine and students can understand the Data Science life cycle, process, skills and scenario. They understood Machine Learning and how it works.



Students are during the session.



DEPARTMENT OF CIVIL ENGINEERING

1. A Seminar on "Career Opportunities for Civil Engineers" on 14th March:

Department of Civil Engineering in association with Green Construction Club had organized a Seminar on the topic "Career Opportunities for Civil Engineers" on 14th March 2023 for II, III & IV year students. Mr. Mani Mohan Trinath, the Resource Person from ACE Academy enlightened the minds of the Students with an explanation on future opportunities in different sectors in Civil Engineering, where a Civil Engineer can have with wide range of packages. He motivated them through his own life experiences and explained them the skills and knowledge a Civil Engineer must have to fulfil today's requirements. He guided them to follow up the steps that he suggested that makes them to reach out to their goals to get success in stepping in future endeavours. He also briefed them about various positions in the government sector starting from Assistant Engineer, Assistant Executive Engineer, Executive Engineer to Chief Engineer which starts from Trainee Engineer to Chief Executive Officer in the private sector. Nearly 94 students have attended this program and got benefitted.



Mr. Mani Mohan Trinath, presenting Career Opportunities after graduation in different Civil Engineering sectors.

2. An Industrial Visit to National Academy of Construction (A Society of State Government of Telangana), Hyderabad on 12th March:

A One-Day industrial visit for II & III year students was organized on 12th November 2022. The students and faculty Coordinators Mr. Mahantesh Purati and Mrs.D. Harika reached there by 10:45 am. Mr. Ravi Kumar, Assistant Professor of NAC Institute explained briefly about the "Career Prospects of B. Tech in Civil Engineering" by presenting on courses offered by NAC, Hyderabad. The National Academy of Construction, Hyderabad is an educational institution for development of all types of construction resources, technologies and methodologies for fast-track completion of projects. From this visit the students learned practically in the Institute. For this programme 65 students and 2 faculty members attended the program.

Senior Engineer explaining about detailing of constructing a door. A demonstration was given on the topic.



A Senior Engineer Explaining about engineering tools.

3. The students participated in a “Project Expo” at VJIT on 2nd March:

The Vidya Jyothi Institute of Technology, Hyderabad had conducted a “Project Expo” on 2nd April 2023. The IV year students had participated. The two teams prepared Sustainable Canteen Model and Fantasized Colony Outline Model and presented in that expo. Sustainable canteen is a concept of building a canteen using sustainable materials. It consists of Bio-gas, Solar panels, Agroforestry, Solid waste management, Plastic bricks.

Fantasized Colony Outline is a model in which students presented solutions for major problems like carbon emission from construction sector, excess usage of plastic, groundwater depletion. They have presented natural solutions to the problems mentioned through their model such as construction of green building, plastic roads, water harvesting pits, solar panels, and kinetic footpaths.

4. Faculty Achievements :

Mr. Rathna Chary. M , Asst. Prof. published his research paper on “Review on Optimizing Text Video Retrieval using CLIP (Contrastive Language-Image Pre Training)” in Lecture Notes in Electrical Engineering (Scopus Indexed).

5. Student Achievements:

- Three students of III B. Tech G. Chaitanya Kumar, R. Jagadeshwar Reddy, Miryala Srinath have successfully completed Certification Course on “Water Proofing Protection on Concrete Structures” Organized at VJIT, Hyderabad from March 20th to March 21st 2023.
- Two Students from IV B. Tech, G Vamsi & Y. Yougendar Chary were selected for undergoing Internship for a period of 3 months with a stipend as a “Trainee Marine GIS Engineer” in “IIC Private Technologies Limited, Hyderabad”.
- Eight Students of IV year got placed in companies listed below in the table:

Sl. No.	Roll Number	Name	Company	Position	Package
01	20QM5A0132	Yesa Bhavani	Quadrant Resource	Web Data Analyst	4 LPA
02	20QM5A0109	Gindam Vamshi			
03	20QM5A0117	Kottala Ramya			
04	20QM5A0116	Naveen Konda			
05	20QM5A0116	Naveen Konda	Palle Technologies	Software Developer	8 LPA
06	20QM5A0110	Rushikesh Saikiran Golla	Bot Defence Infotech Solutions	Trainee Software Engineer	5 LPA
07	18QM1A0129	Rayapati Ravi Teja			
08	200M5A0118	Kishore Manne			



Team I: Sustainable Canteen model.



Team II: Fantasized Colony Outline.

DEPARTMENT OF CSE - (AIML)

1. A Visit The National Remote Sensing Centre on 24th March:

The National Remote Sensing Centre, ISRO outreach facility in Hyderabad was visited by II & III B. Tech CSE(AI&ML) students as part of an industrial visit on March 24th 2023.

2. Students Achievements:

- III year B. Tech CSE (AI&ML) student Erusalagandi Vivek Chary has successfully completed Coursera Course in “Advanced Learning Algorithms” on March 31st, 2023.
- III year B. Tech CSE (AI&ML) B. Sai Bhargav and K.Harsha Vardhan, got an Internship opportunity as an AI Intern at Navik Software Solutions, New Delhi in March,2023.
- III year B. Tech CSE (AI&ML) G.Vivek Mudiraj, got an Internship opportunity as an AI Intern at Atomstate, Hyderabad.

3. Faculty Achievement:

- Mr. Naveen Raja has published a paper on “Block Chain Technology Implementations



for Secured Financial Transactions using Cloud Environment,” 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), Bengaluru, India, 2022, pp. 1397-1401.

- Mr. Devdas has Participated in a Six Days National level online workshop on “Effective filing of NAAC AQAR-Streamlining Institutional Performance” held from 13th to 18th March 2023 organized by IQAC, Vardhaman College of Engineering, Hyderabad.
- Mr. Devdas has Participated in an International Conference on “Enriching Education: Integrating SEE Learning” on 6th March,2023 at Bombay Teachers’ Training College –A Constituent College of HSNC University, Mumbai in collaboration with SEE Learning India.
- Mr. Devdas has Participated in a One Week National level online FDP on “Recent Advances in Data Science, Data Analytics and Cyber Security from 1-5 March 2023 Organized by The Department of CSE at Shri Vishnu Engineering College for Women, Bhimavaram.



DEPARTMENT OF MECHANICAL ENGINEERING – ME

1. National Science Day – 2023 Workshop on Science, Cultural & Leadership:

Mrs. Kalpana, Assistant Professor, from the department and five students; G Vijay Kumar, K Sai Kumar, M Rajashekhar, M Shiva Prasad, Md Khadeer from III year Mech Engineering attended a One-Day Workshop on National Science Day-2023 Workshop on Science, Cultural & Leadership which was organised by Samskruti Foundation at Centre for Cultural Resources & Training (CCRT).



2. A 6 Days Workshop on “Effective Filing of NAAC AQAR – Streamlining Institutional Performance” from 13 to 18 March:

a) Mrs. K Kalpana, Assistant Professor, attended A 6 Days Workshop on “Effective Filing of NAAC AQAR – Streamlining Institutional Performance” held from 13th March 2023 to 18th March 2023 which was organized by Vardaman College of Engineering, Hyderabad.

b) Mr. P Kondala Rao, Assistant Professor, also attended A 6 -Day’s Workshop on “Effective Filing of NAAC AQAR – Streamlining Institutional Performance” held from 13th to 18th March 2023 which was organized by Vardaman College of Engineering, Hyderabad.



DEPARTMENT OF MBA

1. A Two-Days Workshop on Financial Education for Young Citizens-Kona Kona Siksha on 1st & 2nd March:

A Two Days Workshop on Financial Education for Young Citizen-Kona Kona Siksha was organized by the Finance Club on 1st and 2nd March 2023. Resource Person was Dr. Masood. First day he explained the comparison and relationship among the savings, investment, interest rate and inflation, due diligence, modes of placing orders to trade and the process to invest through secondary Markets. The second day of the program focused on Mutual funds and ways to invest in them, precautions while investing in Securities, Markets and Career in Securities Markets.

The second day an online quiz was conducted by NISM at the end of the program and Certificates were distributed to all qualifying students. NISM also issued Certificate of Participation to all participants who attended the workshop. Sixty (60) students from both first & second year enrolled for the workshop.



Speaker Dr. Masood addressing the gathering



Student's involvement in the Activity

2. A Guest Lecture on Employability Skills on 4th March:

A Guest lecture on Employable Skills was conducted for the students on 4th March. Resource person was Mr. Jayakrishna from IKEA Unit People and Culture Business Partner. He said that the Employers are often looking for skills that go beyond qualifications and experience. Education and experience may make you eligible to apply for a job but, to be successful in many roles, you need skills that you are likely to develop over time. Some will be specific to the job, but the majority are so-called 'Soft Skills'. As a general rule, employers are willing to teach job-specific skills required, such as how to operate particular pieces of machinery, or use particular computer packages. However, they usually want to see that you already have the 'Soft Skills' before hiring, because they are much harder to teach.



Speaker addressing the gathering.



Student's involvement in the Activity

3. A Two-Days Workshop on Problem Based Assignment on 6th & 7th March:

A Two Days Workshop on Problem Based Assignment was organized on 6th and 7th March 2023 for both Senior and Junior students. Mrs. Sameera Afroze, Assistant Professor, presented an introduction to research. She explained the different types of research, the research process, and the importance of research in the field of management. Dr. T. Venkata Ramana, Associate Professor, discussed theory building and hypotheses framing. He explained how to develop a research question and formulate hypotheses based on the research question. Dr. Sukanya Metta, Head & Associate Professor, discussed data collection methods and sampling techniques. She explained the different methods of data collection, the advantages and disadvantages of each method, and the importance of ethical considerations in data collection.



Mrs. Sameera Afroze



Dr. T. Venkata Ramana



Dr. Sukanya Metta, explaining various data collection methods

4. A Guest Lecture on The Journey of an Entrepreneur on 11th March:

A Guest lecture was conducted for the students on The Journey of an Entrepreneur. The speaker Mr. Satya Illa spoke about the journey of an entrepreneur which is an exciting and challenging one. It requires a lot of hard work, dedication and perseverance to turn an idea into a successful business. The journey starts with ideation, where the entrepreneur comes up with a business idea. This can be triggered by a problem they have encountered or an opportunity they have identified. The entrepreneur needs to validate the idea by conducting market research, identifying potential customers, and assessing the feasibility of the business. Once the idea is validated, the entrepreneur needs to create a business plan that outlines the company's goals, objectives, and strategies. This plan includes a financial forecast, marketing plan, and an operational plan. The entrepreneur also needs to consider the legal structure of the company and obtain the necessary permits and licenses for the starting of a company.



Felicitation to Mr. Satya Illa by Dr. Sukanya Metta



Students enthusiastically listening to the lecture

5. Summer Internship Felicitation on 28th March:

Summer Internship Certificate Distribution was held on 28th March. MBA senior students completed internship in Inventory Grid, an EdTech company with which we have MOU. 26 students successfully completed their internship for a duration of 1 month and the directors of the company Mr. Ramleela Khare and Mr. NagRaj Chauhaan distributed the certificates in the college.



Certificate Distribution



MBA Faculty with Inventory Grid Directors Ramleela Khare & Nagaraj Chauhan.

CENTRE FOR INNOVATION & SOCIAL TRANSFORMATION (CIST)

1. An event on "Bright Spark: Idea pitching" on 11th March:

The Center for Innovation and Social Transformation(CIST) has conducted "Bright Spark: Idea pitching" event as part of the first year curriculum of "Design Thinking for Sustainable Development on 11th March. In this event students have presented their ideas. Dr. Komal Wasapin Yokul, Associate Professor from Mongkuts Institute of Technology, Thailand and Mr. Rahul Rao Venepally, founder CEIE, Hyderabad served as judges and evaluated the problem statements.



The students are presenting their idea in pitching event.

2. A session on "A Primer of Intellectual Property Rights" on 28th March:

The Centre has organized a session on "A Primer of Intellectual Property Rights" for all the faculty members along with II & III year students on 28th March. Mr. Subhajith Saha Head-Legal & IPR Resolute group was the resource person. The main objective of this session was to educate and empower students with the knowledge and skills required to protect their innovative ideas and creations through Patents, Trademarks, Copyrights and contribute to the development of technology and society.





The students in the session. Principle ma'am felicitating the guest speaker.



CENTRE FOR RESEARCH INNOVATION & DEVELOPMENT (CRID)

SCI PUBLICATIONS:

- Dr. Uma Maheswari, "Insights on Implications of Cognitive Computing in Leveraging online Education Systems MVV, International Journal of Online Pedagogy and Course Design, 10.4018/IJOPCD.302082
- Dr. L. Jayahari, " FABRICATION AND CHARACTERIZATION OF MAGNESIUM-BASED Mg-TITANIA SURFACE COMPOSITE FOR BIOIMPLANTS", Surface Review and Letters, doi.org/10.1142/S0218625X23400012
- Dr. Srinivas Jhade, "An Energy Efficient and Cost Reduction based Hybridization Scheme for Mobile Ad-hoc Networks (MANET) over the Internet of Things (IoT)", International Journal on Recent and Innovation Trends in Computing and Communication, <https://ijritcc.org/index.php/ijritcc/article/view/6038>
- Dr. M. Seshadri,, " Optical transitions and radiative properties of green emitting Ho³⁺:YVO₄ phosphor", RSC Advances, doi.org/10.1039/D2RA06287A.
- Dr. Balaji, "Experimental and Finite Element Studies of Stretch Forming Process for ASS 316L at Elevated Temperature", NIScPR-CSIR,India, IJEMS Vol.29(6), doi.org/10.56042/ijems.v29i6.70275
- Dr. Meher Abhinav, "Design Development and Optimisation of multifunctional doxorubicin loaded indocyanine green proniosomal gel derived niosomes for tumor management", Scientific Reports volume 13, Article number: 1697 (2023) , <https://www.nature.com/articles/s41598-023-28891-8>

- Dr. M. Seshadri, " Publisher correction: Near-infrared quantum cutting luminescence in pr³⁺/yb³⁺ doped lead bismuth borate glass", Scientific Reports , doi.org/10.1038/s41598-022-23808-3
- Dr. P. Magesan , " Heterojunction of Bentonite clay, supported Bi₂O₃/Zno composite for the detoxification of azo dyes under UV-A light illumination", Chemical Physics Impact, doi.org/10.1016/j.chphi.2022.100152

SCOPUS CONFERENCE:

- Dr. Vengateswara Reddy, "Automated Deep Learning with Wavelet Neural Network based Rice Plant Classification ", International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), Bengaluru, India. 10.1109/IDCIoT56793.2023.10053487
- Mr. Rathna Chary, "Review on optimizing Text-Video Retrieval using CLIP", Modren Electronics Devices and Communication System, Select Proceedings of MEDCOM, Lecture notes in Electrical Engineering.10.1007/978-981-19-6383-4_27
- Dr. Rohit Kandakatla, Ms.Samyuktha Penta, Mr. Lingam B., Ms. Shiwani Sinha,

Dr. Chandraprakash D., Ms. Udaya Sri K , "Role of Empathy to Identify Unmet Needs in Indian Villages Through Service Learning Program - A Case of the Unnat Bharat Abhiyan Program" IEEE IFEES World Engineering Education Forum - Global Engineering Deans Council, Cape Town, South Africa

ACHIEVEMENTS / RECOGNITIONS:

- Dr. Siva Shankar , associated you with Scientific Innovation Research Group (SIRG), Beni-Suef City, Egypt, 62688/ 2994/ T/ 21/6/2021, as Honorary Adjunct Scientist and Fellow of SIRG, Egypt
- Dr. Manisha , associated you with Scientific Innovation Research Group (SIRG), Beni-Suef City, Egypt, 62688/ 2994/ T/ 21/6/2021, as Honorary Adjunct Scientist and Fellow of SIRG, Egypt
- Ms. Sameera Afroze completed Ph.D., from Osmania University, Hyderabad.
- Ms. Sowjanya Ramisetty completed Ph.D from Lovely Professional university, Punjab.
- Mr. Naveen Raja has got admission in Ph.D in Nooru Islam University, Kanyakumari, TamilNadu.

DEPARTMENT OF STUDENT AFFAIRS

1. Inter college Sports Competitions on 2nd & 3rd March at Vidya Jyoti Institute of Technology (VJIT):

To promote the participation spirit of the students in various Inter College Sports Festivals conducted at various colleges. The students excelled in few sports.

For the holistic development of the students the sports and cultural events are the important aspects. The students were encouraged to participate in the sports fest PHOENIX conducted

at VJIT Azeez Nagar. The students participated in various sports like Caroms, Basket ball, Cricket, Kabaddi etc. The players of KGR CET excelled in few of the sports such as:

Carroms: Harsha and Shiva – Doubles Runner up, Shanawaz -Single semi-finalist, Shanawaz and Rama Krishna - Double quarter-finalist, Varalaxmi -Women single finalist .

Chess: Sai Deepak & Ajay Muley.

Cricket: (Quarter finalists) Shankar, Lakhan, Nikhil, Raju, Rakesh, Chandu, Manoj, Suraj, Sai Kiran, Vinay & Sahil.

GALLERY



2. A Session on Constitution of India on 18th March:

To make the Students understand the importance and significance of the Constitution of India and to familiarize them with the fundamental Rights, Duties and laws mentioned in the constitution of India. They understood the importance of the Constitution of India and how it plays a vital role in the different aspects of the society.

Mrs. T. Swetcha, High Court Advocate was the resource person.

The session started at 2:00 pm by B. Sharath Chandra, President, Student Council by

introducing the speaker Ms. Swetcha. She addressed the gathering by sharing her work profile and explained about the various Fundamental Rights and laws in the constitution of India that are important to understand by every citizen. She gave a brief on different articles mentioned in the constitution and also discussed about the articles that were removed from the constitution due to different circumstances in the society. Later the students were given opportunity to clear their queries. The event was concluded by felicitating the speaker with a memento.

GALLERY



3. Ugadi Celebrations on 21st March:

To make the students understand the importance of the Culture & Traditions of our State the Country Ugadi Festival is celebrated. The students understood its significance is to mark the beginning of a new Hindu Lunar Calendar.

Ugadi marks the first day of the creation of the universe. According to the Hindu scriptures, one of the names of Lord Vishnu is Yugaadikrit, which means the creator of the Yugas or ages. In view of this auspicious day the DSA has organized the Ugadi celebrations in the campus. As a part of the celebrations students were asked to dress in

the traditional attires. The celebrations started at 3:00 pm and a "Ugadi pachadi" competition was held. The students and the faculty members participated very actively in the competition and

made some delicious Ugadi Pachadis. There were 2 winners in the competition one from the boys and one from the girls.

GALLERY



Judges tasting the Ugadi Pachadi made by different teams in the competition.



The Student Council of KGR CET enjoying the festivities of Ugadi

TRAINING & PLACEMENT CELL (T & P)

1. 10 Years Alumni Meet (2008-2012 batches) on 12th March:

The Training & Placements Cell conducted, KGR 10 year Alumni Meet 2008 -2012 students on 12th march 2023. Around 35 alumni have attended. They recalled college day memories. Shared their experiences and participated in fun games and felt happy on meeting fellow classmates and faculty members after a long time.

Director Dr. Rohit Kandakatla motivated the students for pursuing Higher Education. He talked about various reputed Universities and Courses and mentioned about opportunities to work in Professional environment which provides career awareness for the students.

GALLERY

Time	Activity
12:00 - 12:30	Open Meet and Gravel
12:30 - 13:30	Lunch
13:30 - 15:00	Activities and Games
15:00 - 16:00	Refreshments and Band Performance
16:00 - 17:00	Open Discussion with Alumni Association
17:00 - 17:30	Closing Remarks and End of Program



2. A Campus Selection Drive for CE:

Civil Engineering final year students are selected in Sobha Developers with a package of 3.5 LPA with the role as Management Trainee.

3. Mock Interviews for NELSOF on 30th March:

Training & Placements Cell conducting on 30.30.2023 NELSOF company mock interview final year CSE, ECE students.

4. A NELSOF Campus Drive for CSE & ECE on 31st March:

Training & Placements Cell conducted NELSOF Campus Recruitment drive on 31-3-2023 for the final year students of CSE & ECE students with a package of 5. LPA.

GALLERY



WOMEN CELL

1. Women Cell in association with the DSA Celebrated Women's Day on 7th March:

It is celebrated to showcase the progress made towards achieving gender equality and women's empowerment and to critically reflect on those accomplishments and strive for a greater momentum towards gender equality in the college. The students got an opportunity to understand the importance of gender equality in the society.

Mrs. Vakiti Sunitha Laxma Reddy, Women Cell Chairperson Telangana State was the chief guest.

The celebrations started with inviting the chief guest to the seminar hall. The host Mrs. Chandana, HR invited all the dignitaries on to the stage. Lamp was lit by the chief guest and other dignitaries. Then a video was screened which was dedicated to all the women of KGR CET which was shot by the photography club of the DSA. Dr. Y. Vijaya Lata, Principal shared her views on the Women's Day. Dr. Rohit Kandakatla, Director addressed the gathering sharing his views on gender equality and appreciated all the women faculty members for their contribution in progress of the college.

The chief guest Mrs. Vakiti Sunitha Laxma Reddy garu addressed the gathering sharing her views on the gender equality and her experiences working in the different political sectors. She also motivated all the women to handle different situations in the society and also shared the helpline numbers for the She Teams and other support.

All the women faculty members were awarded with certificates and mementos for their contribution in different fields for the progress of the college.

All the women helping staff in the college were also given gifts for their work in keeping college clean and organized.

A short film named AIKYAM which was shot by the Dramatics club of DSA which contained the different problematic situations faced by the women in the society and how they should overcome them was screened. Everyone liked the film and the AIKYAM team was appreciated by the Chief Guest Mrs. Vakiti Sunitha Laxma Reddy garu.

Finally the chief guest was felicitated by all the dignitaries. The event was concluded with the National Anthem sung in the auditorium.

GALLERY



2. A Paper Presentation:

The Department of HR in association with CEED presented a Paper at NIT Warangal:

Women Cell team Mrs. Ch. Chandanaditya, Mrs. Tuti Sandhya & Mrs. Kakarla Udaya Sri presented a paper titled "Promotion of Women Entrepreneurship through Experiential Learning" at the international conference on women inclusive network 2023 (WIN 2023) at National Institute of Technology Warangal during 17-18 March 2023. On this occasion, they shared their experiences about how women became more empowered through training programmes offered to undergraduate and graduate women in tailoring, technical trainings and other programmes.



3. A School Visit in association with the DSA on 24th March:

To spread awareness about girl safety and health & hygiene and sensitizing the school girl students about the good touch and bad touch. The girl students got aware about the safety and hygiene, they understood the difference between the good touch and bad touch.

Promoting menstrual health and hygiene as an important means for safeguarding women's dignity, privacy, bodily integrity and consequently their self efficacy. In view of this the Women Cell Members of the KGR CET Mrs. Chandana, HR, Mrs. Tuti Sandhya, senior faculty member & Dr. K Udaya Sri, Head-DSA visited the Chilkur Government School to spread awareness. They also explained the difference between the good touch and bad touch to girl students of the school. The KGR CET women cell started this campaign to educate and spread awareness among all the nearby schools in Chilkur village.



CENTRE FOR ENGINEERING EDUCATION & DEVELOPMENT (CEED)

1. A One Day Seminar on Research Avenues in Digital Ecosystem & Emerging Technologies on 9th March:

Center for Engineering Education and Development (CEED) has conducted a One Day Seminar on "Research Avenues in Digital Ecosystems and Emerging Technologies" on 9th March.

At the end of the program the participants could be able to:

- Survey of emerging technologies and future digital era.
- Explain a solution to different problems using emerging technologies.

Dr. T. R. Vijaya Lakshmi, Associate Professor in ECE, MGIT & EC member, Swecha, Hyderabad. Mr. Shashikant, Executive Committee Member, Swecha, senior software Engineer, Sphere Soft Solutions Pvt. Ltd. were the resource persons.

The session started with updates on technological transformations. In this session the speaker explained about the emerging AI models and introduced about GPT and chat GPT. The participants were encouraged to design solutions to different real time problems through all the emerging technologies in the market.

2. Teaching Learning Conclave on 31st March:

The Center for Engineering Education and Development (CEED) has conducted Teaching-Learning Conclave on 31st March 2023 from 2 pm to 4 pm. The following faculty members have presented from different department.



The speaker is delivering & interacting in the session.

- Civil Engineering - Mr. Rathnachary
- Mechanical Engineering - Mr. K. Praveen
- Electronics and Communication Engineering - Ms. G. Lakshmi Bhavani
- Computer Science and Engineering - Ms. Manasa
- Computer Science and Engineering in Data Science - Mr. Naresh Kumar
- Computer Science and Engineering in AIML - Mr. Naveen Raja
- Humanities & Sciences - Dr. Madhulita Sundaray



Prof. Krishna Vedula external member IUCEE-giving suggestions to the participants.



Ms. G. Lakshmi Bhavani



Mr. Rathachary



Group Photo with all the Participants

3. A Paper published on "Promotion of Social Entrepreneurship among Higher Educational Institutes in India"

Ms. T. Sandhya and Dr. Rohith Kandakatla have published a paper @ Springer Lecture notes in Networks and Systems on "Promotion of Social Entrepreneurship among Higher Educational Institute in India".

Promotion of Social Entrepreneurship Among Higher Educational Institutions in India

[Tuti Sandhya](#) [Rohith Kandakatla](#) & [Gogula Santhosh Reddy](#)

Conference paper | [First Online: 22 March 2023](#)

11 Accesses

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 633)

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