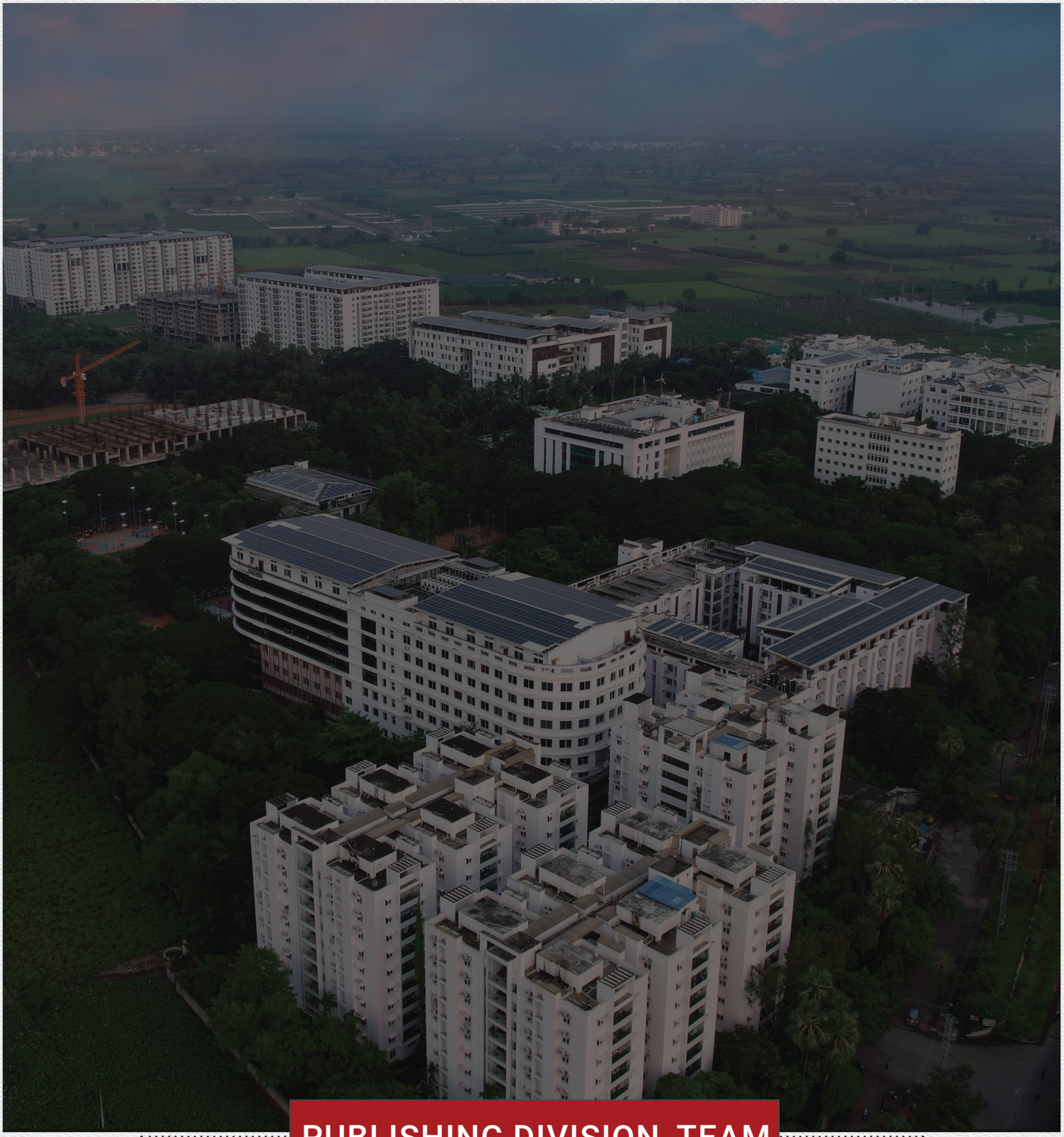
PANORAMA

VOLUME 17 ISSUE 4 MAY 2026



Building next gen AI Ready Leaders



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KL PANORAMA

VOLUME 17
ISSUE 4
MAY 2026

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ER.KONERU SATYANARAYANA
President

Dear Reader ,
At KLEF, our vision is to nurture future-ready graduates who are not only academically proficient but also adaptable, innovative, and socially responsible. In an era defined by rapid technological advancement, we have embraced academic flexibility as a cornerstone of our educational philosophy—empowering students to personalize their learning pathways based on their aspirations and emerging industry trends.

Our AI-integrated curriculum reflects our commitment to staying ahead of the curve, ensuring that every student gains exposure to cutting-edge technologies across disciplines. Coupled with a strong emphasis on project-based learning, we enable learners to translate theoretical knowledge into practical solutions, fostering creativity and critical thinking.

We take immense pride in our comprehensive focus on skilling and holistic development, where academic excellence is complemented by opportunities in innovation, entrepreneurship, sports, and cultural activities. The vibrant ecosystem of our Student Activity Centre plays a pivotal role in shaping well-rounded individuals.
Our continued emphasis on research, global certifications, and industry collaboration has yielded remarkable outcomes, including 100% placement for all eligible students, a testament to the trust reposed in our graduates by leading organizations.

As we move forward, KLEF remains committed to redefining higher education by creating an environment where innovation thrives, talent is nurtured, and excellence becomes a habit.



Dr. G.P. SARADHI VARMA
Vice-Chancellor (I/C)

Dear Reader ,

It gives me great pleasure to share the progressive strides KLEF continues to make in delivering transformative education. Our academic framework is designed with flexibility and interdisciplinarity, allowing students to explore diverse domains and build competencies aligned with their career goals.

A key highlight of our academic innovation is the seamless integration of Artificial Intelligence across curricula, ensuring that students from all streams are equipped with essential digital and analytical skills. Through project-based and experiential learning approaches, we cultivate problem-solving abilities and real-world readiness among our learners.

We strongly believe that education must go beyond classrooms. Our focus on skilling initiatives, innovation ecosystems, and research-driven learning empowers students to become creators and leaders. The encouragement of participation in sports, co-curricular, and extracurricular activities ensures their holistic development.

Our partnerships with global institutions and industry leaders facilitate access to international certifications and exposure, enhancing the employability of our students. The consistent achievement of 100% placements for eligible students reflects the effectiveness of our academic model and the dedication of our faculty.

The dynamic environment at our Student Activity Centre further enriches campus life, fostering leadership, teamwork, and creativity.

At KLEF, we remain committed to nurturing talent, advancing knowledge, and shaping individuals who will contribute meaningfully to society and the global community.

FEM FLARE 2026



FemFlare 2026, recognized as one of India's largest inter-collegiate girls' fests, was successfully organized by the Women's Development Cell (WDC) of KL Deemed to be University, Vaddeswaram, on March 24, 2026. The event brought together enthusiastic participation from students across institutions, creating a vibrant platform to celebrate women empowerment, leadership, creativity, and innovation.

The fest was thoughtfully designed around the theme of bringing together young creators, leaders, and thinkers, fostering an environment of inspiration and collaboration. FemFlare 2026 featured a diverse range of activities, including interactive workshops, an exclusive influencer meet, and captivating cultural performances, making it a holistic experiential event.

One of the key attractions of the celebration was the FemFlare Carnival 2026, which added energy and engagement through creative showcases and student-driven initiatives. The presence of popular personalities, including the renowned Band Melam Heroine, further elevated the enthusiasm and reach of the event.

The program emphasized skill development, innovation, and confidence building, encouraging participants to explore new opportunities and express their talents. Supporting the event's outreach, KL Radio served as the official media partner, amplifying its impact and visibility.

As part of the extended celebrations, an Ethnic Day held on April 5, 2026, highlighted cultural diversity and tradition, reinforcing the importance of identity and inclusivity.

FemFlare 2026 stands as a testament to KLEF's commitment to creating an inclusive ecosystem that nurtures empowered, confident, and future-ready women leaders, contributing meaningfully to society and the global community.








Hearty Welcome






INDIA'S LA




2026
femflare


2026
emflare









An **Awareness Program on Cyber Suraksha: Mobile Security** was conducted on **26 January 2026** at Pedakonduru with the objective of educating participants on safe and responsible mobile usage. The session focused on common mobile security threats, secure app usage, data privacy, password practices, and preventive measures against cyber frauds. Participants were also sensitized to phishing attacks, malicious links, and safe online transaction practices. Practical tips were shared on securing devices through updates, app permissions, and two-factor authentication. The program emphasized the importance of cyber hygiene in daily digital activities. Overall, the initiative strengthened digital awareness and encouraged proactive cyber safety practices among the community.

AWARENESS ON CYBER SURAKSHA: MOBILE SECURITY



The Life Skills Challenge was conducted on **26 January 2026** at Pedakonduru with the aim of enhancing essential life competencies among participants. The event focused on developing skills such as communication, problem-solving, teamwork, leadership, and decision-making through engaging activities and challenges. Participants actively took part in real-life scenario-based tasks that promoted critical thinking and adaptability. The program fostered a spirit of collaboration and mutual respect among the participants. It also helped individuals identify their strengths and areas for improvement. Overall, the event contributed to holistic personality development and practical life preparedness.

NATIONAL YOUTH DAY – CELEBRATIONS



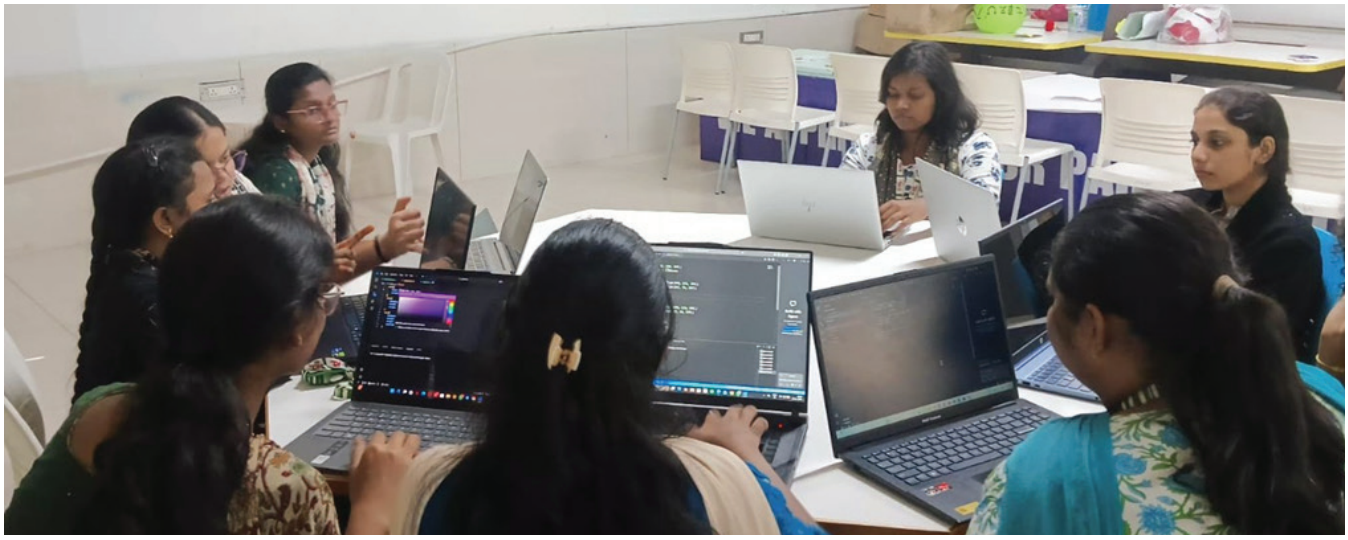
The **National Youth Day Celebrations** were held on **24 January 2026** at Chandrala, with active participation from school children. The program was organized on the birth anniversary of Swami Vivekananda, commemorating his ideals of youth empowerment, character building, and nation-building. As part of the celebrations, debate, dance, and music competitions were conducted to encourage self-expression, creativity, and confidence among students. The events highlighted the importance of discipline, leadership, and cultural values among youth. Students were inspired by the life and teachings of Swami Vivekananda, emphasizing self-belief and service to society. The celebrations fostered enthusiasm, moral awareness, and holistic development among the participants.

RUNG TARANG: VIBRANCE OF YOUTH CULTURE



The Rang Tarang: Vibrance of Youth Culture program was conducted on 24 January 2026 at Peda Konduru with enthusiastic participation from youth. As part of the event, quiz competitions, painting competitions, and the traditional sport of kabaddi were conducted to encourage intellectual, creative, and physical development. The activities promoted teamwork, strategic thinking, and sportsmanship among the participants. The program also provided an inclusive platform for youth to explore their talents and skills. Overall, the event strengthened cultural bonding, healthy competition, and community engagement while celebrating the vibrant spirit of youth.

CRYPTOGRAPHIC HASHING & DIGITAL SIGNATURES



The **"Cryptographic Hashing & Digital Signatures"** session was conducted on 24-01-2026 at SAC Hall under the Cryptography Club with the objective of strengthening participants' understanding of core cybersecurity principles. The program covered the fundamentals of cryptographic hash functions, data integrity, and the role of digital signatures in authentication and non-repudiation. Practical use cases such as secure communication, software verification, and blockchain applications were discussed. Overall, the session enhanced conceptual clarity and promoted secure-by-design thinking among participants.

POST-QUANTUM CRYPTOGRAPHY: THE FUTURE OF SECURE VCOMMUNICATION



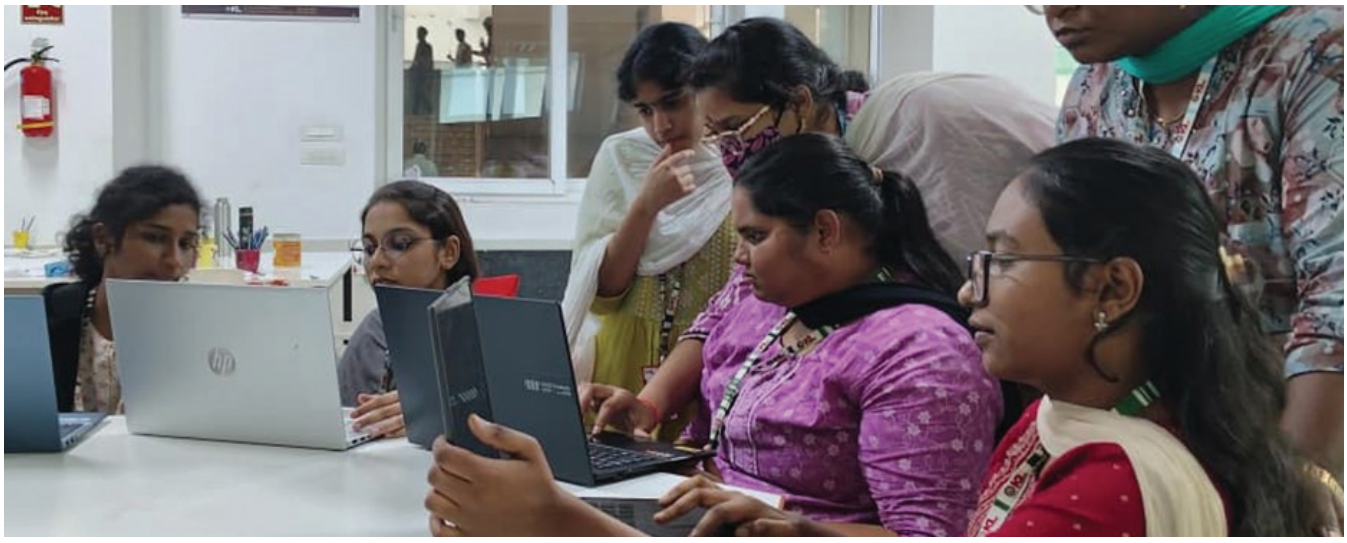
The **"Post-Quantum Cryptography: The Future of Secure Communication"** session was conducted on **20-01-2026** at SAC Hall under the Cryptography Club to create awareness about emerging security challenges in the quantum computing era. The program focused on the limitations of classical cryptographic systems against quantum attacks and introduced quantum-resistant algorithms. Participants gained insights into lattice-based, hash-based, and code-based cryptographic approaches. Overall, the session emphasized future-ready security practices and the importance of post-quantum preparedness in secure communications.

VOIP FORENSICS



The **"VoIP Forensics"** session was conducted on **19-01-2026** at SAC Hall under the Cyber Security Club with the objective of introducing participants to forensic investigation techniques in Voice over IP communications. The program covered VoIP architecture, common attack vectors, and methods for capturing and analyzing VoIP traffic. Participants learned about call traceability, evidence collection, and legal considerations in VoIP-related cyber incidents. Overall, the session enhanced practical understanding of digital forensics and secure communication analysis.

FINE-TUNING PROMPTS WITH FEEDBACK



The "Fine-tuning Prompts with Feedback" session was conducted on 19-01-2026 at SAC Hall under Prompt-o-Ventures with the aim of improving effective prompt engineering practices. The program focused on iterative prompt refinement using feedback loops to enhance accuracy, relevance, and output quality from AI models. Participants learned strategies for evaluating model responses, reducing ambiguity, and optimizing prompts for specific tasks. Overall, the session strengthened participants' ability to design precise, adaptive, and goal-oriented AI prompts.

MULTIMODAL PROMPTING TECHNIQUES



The **"Multimodal Prompting Techniques"** session was conducted on **22-01-2026** at SAC Hall under Prompt-o-Ventures to introduce advanced prompt engineering approaches involving multiple data modalities. The program focused on designing prompts that effectively combine text, images, and other inputs to achieve richer and more accurate AI outputs. Participants gained insights into context alignment, modality coordination, and use-case driven prompt design. Overall, the session enhanced participants' capability to leverage multimodal AI systems for creative and practical applications.

MOTION GRAPHICS BASICS WITH AFTER EFFECTS



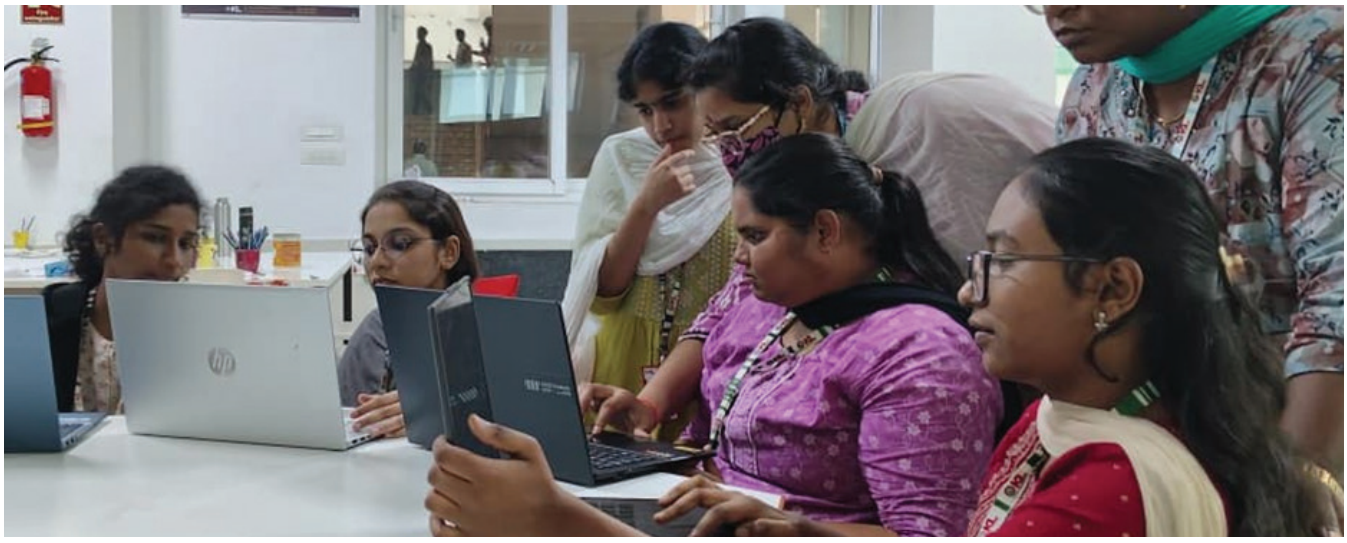
The **"Motion Graphics Basics with After Effects"** session was conducted on **23-01-2026** at SAC Hall under the Design Sphere – Editing domain to introduce participants to the fundamentals of motion graphics. The program covered core concepts such as keyframes, layers, transitions, text animation, and visual effects using Adobe After Effects. Participants gained hands-on exposure to basic animation workflows and creative techniques. Overall, the session enhanced visual storytelling skills and strengthened foundational knowledge in motion graphics and digital editing.

WORKSHOP ON DEVOPS -1



The **"Workshop on DevOps** – 1" was conducted on **27-01-2026** at SAC Hall under the ZeroOne Club (Coding Club) with the objective of introducing participants to fundamental DevOps concepts and practices. The session covered the DevOps lifecycle, collaboration between development and operations, and the importance of automation in software delivery. Participants were introduced to basic tools, workflows, and best practices used in modern DevOps environments. Overall, the workshop laid a strong foundation for understanding continuous integration, continuous deployment, and efficient software development processes.

FINE-TUNING PROMPTS WITH FEEDBACK



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LIBERAL ARTS CLUBS CALENDAR OF ACTIVITIES

WOMEN IN LITERATURE: VOICES THROUGH TIME



The Literature Club successfully organized a thought-provoking session on “Women in Literature: Voices Through Time – A Thought” on 30th January.The event explored the powerful journeys,struggles, and achievements of women writers across different eras. Participants reflected on how women’s voices have shaped literary traditions and influenced social change.Engaging discussions highlighted themes of identity, resistance, and empowerment in women’s writings.The session encouraged critical thinking and appreciation of diverse literary perspectives.Overall, the event was enriching and inspired participants to read and reflect more deeply on women’s contributions to literature.

WORKSHOP ON LANGUAGES OF THE WORLD



The Vesatales Club successfully conducted an engaging Workshop on “Languages of the World” on 30th January.The workshop offered participants insights into the diversity, evolution, and cultural significance of global languages.Discussions highlighted how languages shape identity, communication, and cross-cultural understanding. Interactive exchanges encouraged participants to appreciate linguistic similarities and differences across regions. The session fostered curiosity about multilingualism and global connectivity. Overall, the workshop was informative, interactive, and intellectually enriching for all participants.

FLASH FICTION FRENZY: A FUN AND INTENSIVE WORKSHOP ON CRAFTING COMPELLING FLASH FICTION STORIES.



Flash Fiction Frenzy was a lively and intensive workshop conducted by the Literature Club, bringing together enthusiastic participants to explore the art of storytelling in its most concise form. The session focused on crafting compelling flash fiction through engaging discussions, quick writing exercises, and collaborative sharing of ideas. Participants actively exchanged perspectives, sharpened their creative thinking, and discovered how powerful stories can emerge from just a few well-chosen words.

DIY WORKSHOP ON CREATING HOLIDAY-THEMED ACCESSORIES



The DIY Workshop on Creating Holiday-Themed Accessories, conducted by the Fashion Club under SAC, was a vibrant and hands-on session that brought creativity to life. Participants enthusiastically explored design ideas, materials, and techniques to craft unique festive accessories while learning the basics of styling and personalization. The workshop fostered creativity, collaboration, and self-expression, making it an engaging and enjoyable experience for all involved.

REGULAR CLUB ACTIVITIES

CYBERSECURITY IN ACTION: INTERACTION WITH ACP BHANU PRAKASH REDDY, IPS



Assistant Commissioner of Police, Vijayawada, Bhanu Prakash Reddy, interacted with students of the Cybersecurity Club, providing valuable insights into real-world cybercrime investigation. During the interaction, he discussed practical use cases and explained how technology-driven tools can be developed to identify and track criminals. The session highlighted the importance of collaboration between law enforcement and technical experts, motivating students to work on cyber projects with social impact and strengthening their understanding of applied cybersecurity in crime prevention.

KL UNIVERSITY AUTOMOBILE CLUB SECURES 5TH PLACE AT IIT HYDERABAD DRONE COMPETITION



Students from the Automobile Club of KL University achieved a commendable milestone by securing 5th prize in a prestigious Drone Competition held at IIT Hyderabad. The event witnessed participation from leading engineering institutions across the country, making the competition highly competitive. KL University students demonstrated strong technical expertise in drone design, assembly, programming, and flight control systems. Their teamwork and problem-solving abilities helped them successfully overcome technical challenges during the competition. The experience enhanced their practical knowledge and real-time engineering skills. Continuous training and preparation by the Automobile Club played a key role in this achievement.

NMAP: A CORE TOOL FOR NETWORK SCANNING AND CYBER SECURITY ASSESSMENT



Nmap (Network Mapper) is a widely used and powerful tool in cybersecurity for network scanning and security assessment. It enables security professionals to discover live hosts, identify open ports, detect running services along with their versions, and even determine operating systems on a network, helping to understand what information is exposed and potentially visible to attackers. By sending carefully crafted packets and analyzing responses, Nmap supports network discovery, vulnerability assessment, and security auditing. Its speed, reliability, flexibility, and strong support on Linux systems make it a core tool in ethical hacking and penetration testing.

ORIENTATION SESSION ON SETUP AND GIT FUNDAMENTALS: BUILDING A STRONG DEVELOPMENT FOUNDATION



An offline orientation session on Setup and Git Fundamentals was successfully conducted to familiarize participants with the program structure, learning tracks, evaluation criteria, and submission guidelines. The session included guided installation and verification of essential development tools such as VS Code, Git, Node.js, and NPM, ensuring technical readiness among all participants. A live demonstration on Git and GitHub provided hands-on exposure to repository creation, version control basics, and the commit–push workflow. Students were instructed to create a public GitHub repository with a well-defined day-wise folder structure and a professional root README, reinforcing industry-standard documentation practices. As part of the core task, participants completed repository setup, tool verification with screenshots, and committed their work successfully, while an advanced optional task encouraged practice of Git branching and merging concepts.

HTML & CSS FOUNDATIONS: DESIGNING THE FIRST STYLED WEBPAGE



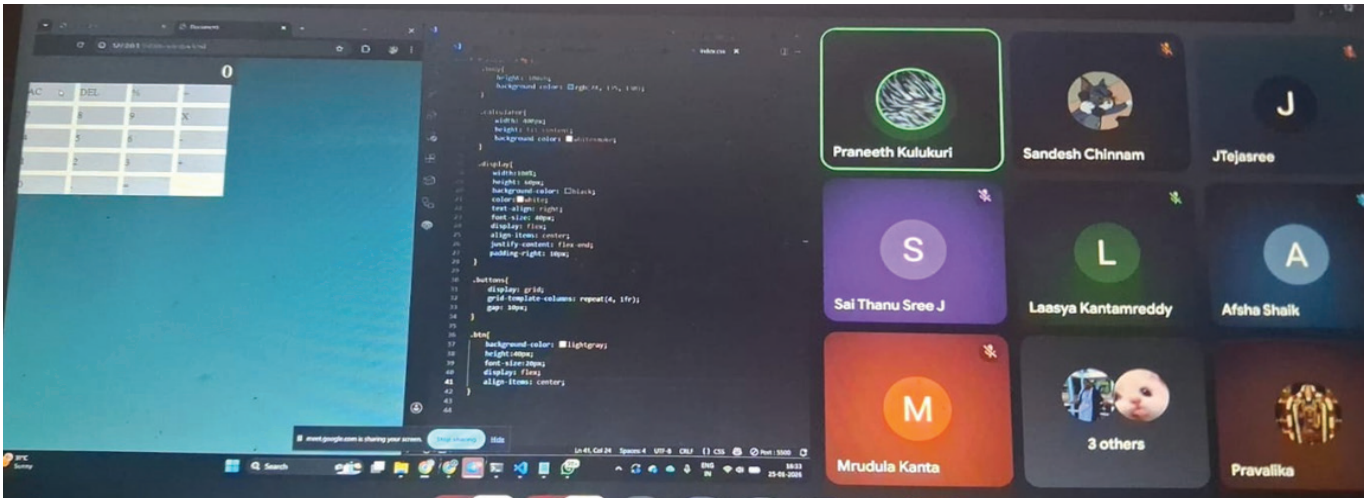
An engaging offline session on HTML Basics and Parallel CSS Styling was conducted to introduce participants to the fundamentals of web development. The session began with a brief recap of Day 1, including verification of GitHub repository structures and appreciation of well-maintained submissions. Students were introduced to essential HTML tags that define webpage structure, such as headings, paragraphs, images, links, lists, and container elements like div and span. In parallel, CSS styling was taught to visually demonstrate design concepts including colors, fonts, spacing, and layout. A live demonstration involved building a simple personal profile webpage, helping participants clearly understand how structure and styling work together. Through the mandatory task, students created and styled their own webpages and pushed them to GitHub, while optional enhancements encouraged creativity through UI improvements.

CSS BOX MODEL & FLEXBOX: MASTERING SPACING AND MODERN LAYOUT DESIGN



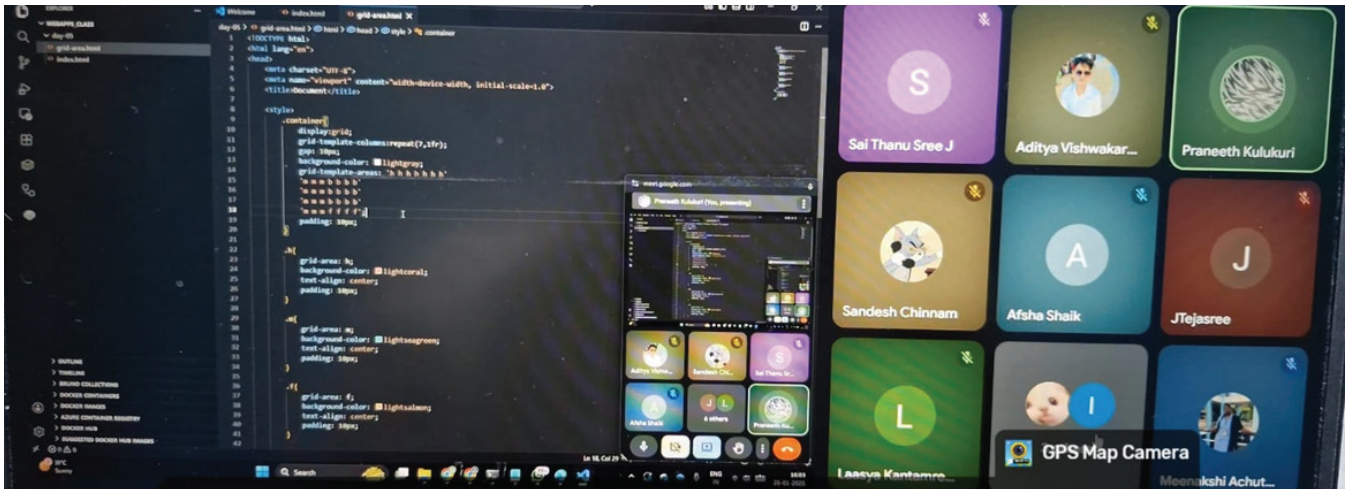
An offline session on CSS Box Model and Flexbox Layout Fundamentals was conducted to strengthen participants' understanding of spacing, alignment, and responsive UI structuring. The session began with a recap of Day 2, where selected profile page submissions were showcased and common issues related to spacing and folder organization were addressed. Participants were introduced to the CSS Box Model, gaining clarity on margins, padding, borders, dimensions, and the importance of box-sizing for consistent layouts. Flexbox concepts were then explained in detail, covering flexible containers, alignment, spacing, wrapping, and card-based layouts. A mentor-led live demonstration showcased the creation of a simple dashboard with a header and multiple cards arranged using Flexbox. Through the mandatory task, students built a Student Card Dashboard and pushed it to GitHub, while optional enhancements encouraged creativity and responsiveness.

MINI PROJECT – CALCULATOR: APPLYING HTML & CSS THROUGH HANDS-ON PRACTICE



An interactive online session on the Mini Project – Calculator was conducted via Google Meet from 3:30 PM to 5:30 PM, focusing on practical application of previously learned HTML and CSS concepts. The session introduced the calculator mini project as a hands-on exercise to reinforce UI structure, layout alignment, and visual styling fundamentals. Participants were guided step by step in designing a calculator interface, using HTML for structural elements and CSS for layout, spacing, and aesthetic consistency. Proper techniques for arranging the display area and buttons were demonstrated, with emphasis on clean design, uniform spacing, and organized folder structure. As part of the mandatory task, students built a complete calculator UI and pushed their work to GitHub, while optional enhancements encouraged creativity through improved styling and responsiveness.

ADVANCED CSS LAYOUT TECHNIQUES: MASTERING POSITIONING, Z-INDEX & GRID



An advanced online session on CSS Positioning, Z-Index, and Grid was conducted via Google Meet from 3:30 PM to 5:30 PM to elevate participants' layout and UI design skills. The session began with a review of earlier work, highlighting strong submissions and addressing common layout and structuring challenges. Participants were introduced to CSS positioning concepts such as static, relative, absolute, fixed, and sticky positioning through clear visual demonstrations. The role of z-index in managing element stacking and overlapping layouts was explained in a practical manner. CSS Grid fundamentals were then taught, emphasizing its effectiveness for two-dimensional layouts and comparing its usage with Flexbox. A live demonstration showcased the creation of a multi-card service layout using Grid properties, positioning, and spacing. Through hands-on tasks, students gained confidence in building structured, layered, and visually organized interfaces, marking a significant progression in their front-end development skills.

JAVASCRIPT CORE FUNDAMENTALS: BRIDGING C PROGRAMMING TO WEB LOGIC



An offline session on JavaScript Core Fundamentals (C to JavaScript Mapping) was conducted to introduce participants to JavaScript by connecting it with familiar C programming concepts. The session began by addressing learning anxiety and reassuring students that most JavaScript fundamentals closely align with concepts they already know from C. Key topics such as variables, data types, operators, conditional statements, loops, switch cases, arrays, objects, and functions were explained through clear comparisons and simple examples. Emphasis was placed on understanding JavaScript as the logic and behavior layer that brings interactivity to web applications alongside HTML and CSS. Through the mandatory task, students implemented multiple basic JavaScript programs in a single script file and pushed their work to GitHub, while optional challenges encouraged deeper logical problem-solving. Overall, Day 6 successfully strengthened participants' programming confidence, logical thinking, and smooth transition from C to JavaScript in web development.

STATE FORMATION DAY



An offline session on CSS Box Model and Flexbox Layout Fundamentals was conducted to strengthen participants' understanding of spacing, alignment, and responsive UI structuring. The session began with a recap of Day 2, where selected profile page submissions were showcased and common issues related to spacing and folder organization were addressed. Participants were introduced to the CSS Box Model, gaining clarity on margins, padding, borders, dimensions, and the importance of box-sizing for consistent layouts. Flexbox concepts were then explained in detail, covering flexible containers, alignment, spacing, wrapping, and card-based layouts. A mentor-led live demonstration showcased the creation of a simple dashboard with a header and multiple cards arranged using Flexbox. Through the mandatory task, students built a Student Card Dashboard and pushed it to GitHub, while optional enhancements encouraged creativity and responsiveness.

BRUSHSTROKES OF PATRIOTISM: REPUBLIC DAY ART DISPLAY BY SAC PAINTING CLUB



SAC Painting Art students created a vibrant collection of paintings based on the theme of Republic Day, reflecting patriotism, national pride, and democratic values. The display showcased students' creativity and artistic skills while visually portraying the spirit of the Constitution, freedom, unity, and cultural diversity of India. Along with these artworks, selected paintings from the art competition conducted earlier were also included, making the exhibition a rich blend of talent and expression. The display received appreciation for its meaningful concepts and artistic excellence, highlighting the role of art in celebrating national occasions and inspiring young minds.

TRADITIONAL PAINTING PRACTICE



SAC Painting Club students immersed themselves in a traditional painting practice session that celebrated artistic heritage and creative expression. The activity provided a vibrant platform for students to explore classical art forms, refine their techniques, and understand the cultural significance behind traditional motifs and colors. Through hands-on practice, students showcased dedication, creativity, and a deep appreciation for India's rich artistic traditions, making the session a meaningful and inspiring learning experience

MELODIC DEVOTION: PRACTICE SESSION ON “MAHA GANAPATHIM”



Music Club conducted a dedicated session on teaching and practicing “Maha Ganapathim”, a popular traditional Keerthana known for its spiritual depth and classical richness. The session focused on understanding the raga, tala, and lyrical meaning, helping students appreciate the essence of Carnatic music. Through guided practice, students enhanced their vocal discipline, rhythm, and devotional expression, making the activity a meaningful blend of musical learning and cultural heritage

MELODIES THAT CALL:
SWARA CLUB AUDITION ANNOUNCEMENT PROGRAM



A vibrant music program was organized in the New Seminar Hall, performed by the Swara Club, with the objective of announcing upcoming auditions. The performance showcased a blend of melody and rhythm, capturing the attention of students and creating an energetic atmosphere. Through this engaging musical presentation, the club effectively encouraged interested students to participate in the auditions and explore their musical talents. The program served as both an artistic showcase and an invitation, fostering enthusiasm and strengthening the musical culture on campus.

MELODIES OF PATRIOTISM: REPUBLIC DAY MUSICAL TRIBUTE BY SAC MUSIC CLUB



On the occasion of the 77th Republic Day, the KL SAC Music Club students presented a soulful performance of patriotic songs that filled the atmosphere with pride and national spirit. The rendition reflected deep respect for the nation and its values, showcasing students' musical talent and emotional expression. Through their inspiring performance, the students paid tribute to the Constitution and the sacrifices of freedom fighters, making the celebration memorable and meaningful for all present.

INVOCATION THROUGH TRADITION: KUCHIPUDI PRAYER DANCE "NARTANAGANAPATHIM" AT THE 77TH REPUBLIC DAY CELEBRATIONS



On the occasion of the 77th Republic Day celebrations, students from the SAC Dance Club presented a graceful prayer performance of "Nartanaganapathim" in the traditional Kuchipudi dance form. The performance began the celebrations on an auspicious note, blending devotion with classical artistry and setting a serene and respectful tone for the national event.

HARMONIES OF PATRIOTISM: MUSIC CLUB PRACTICE FOR REPUBLIC DAY



As part of the preparations for Republic Day celebrations, the SAC Music Club conducted dedicated practice sessions focusing on patriotic songs. Students rehearsed with discipline and enthusiasm, paying special attention to voice modulation, rhythm, and lyrical expression to convey the true spirit of patriotism. The practice sessions not only refined their musical skills but also deepened their emotional connection to the nation, reflecting unity, pride, and respect for the values of the Republic.

LITERARY EXPOSURE: VACHAS CLUB PARTICIPATION IN VIJAYAWADA BOOK FESTIVAL



Students of the Literature Club (Vachas) actively participated in the Vijayawada Book Festival held at Indira Gandhi Stadium, Vijayawada. The visit provided students with valuable exposure to a wide range of books, authors, and literary discussions, encouraging a deeper interest in reading and literary culture. Through their participation, students enhanced their appreciation for literature, gained insights into contemporary writing trends, and experienced the vibrant literary atmosphere, making the visit both educational and inspiring.

EMPOWERING VOICES: SUDANESE COUNCIL MEETING AND ENGLISH SKILL DEVELOPMENT PROGRAM



Sudanese Council Meeting and English Training Program were successfully conducted at the Student Activity Center (SAC) Hall, creating a productive platform for discussion, coordination, and unity among Sudanese students. The council meeting encouraged collaboration and collective decision-making, while the English training session focused on improving communication skills, confidence, and active participation. Together, the programs supported personal development, leadership, and academic engagement among the students.

REPUBLIC DAY SWACHHATA CLEAN DRIVE: CLEAN VILLAGE – GREEN VILLAGE INITIATIVE AT PEDDA KONDURU



Under the Smart Village Revolution Club, KL University, Vaddeswaram, Guntur. - On the occasion of Republic Day, 26th January, a Swachhata Clean Drive was successfully conducted at Pedda Konduru Village with the active participation of students. As part of the initiative, students cleaned the village streets by collecting waste and spreading awareness on cleanliness and hygiene among the residents. The drive aimed to promote the vision of a Clean Village – Green Village, inspiring villagers to maintain a healthy and pollution-free environment.

FIRST PRIZE AT NATIONAL-LEVEL SIDDHARTHA ACADEMY HACKATHON





The team participated in the national-level Siddhartha Academy Hackathon held on 23rd and 24th January, which brought together nearly 100 teams from academic institutions across the country to address real-world societal challenges through technology. The team developed Sahaay, a community-driven digital health support platform focused on chronic disease management and peer support for underserved communities. The platform offers symptom and medication tracking, access to nearby healthcare facilities, culturally relevant health guidance, and peer-to-peer support to improve long-term health outcomes. Owing to its strong emphasis on accessibility, empathy, and user-centric design, the solution was highly appreciated by the jury, and the team secured First Prize at the national level.

AWARENESS ON TOILET CONSTRUCTION TECHNIQUES



An Awareness Program on Toilet Construction Techniques was conducted on 10 February 2026 at Nutakki with the objective of promoting proper sanitation practices and educating participants on the importance of hygienic toilet construction. The session covered various low-cost and sustainable toilet models, technical aspects of construction, and maintenance practices. Participants were informed about government schemes supporting sanitation infrastructure and the health benefits of improved sanitation. The program emphasized behavioral change towards open defecation-free communities. Overall, the initiative enhanced awareness and encouraged the adoption of safe and sustainable sanitation practices.

COMMUNITY WATER TESTING AND AWARENESS PROGRAM



A Community Water Testing and Awareness Program was organized on **21 February 2026** at Veerlapalem to educate the community about water quality and its impact on health. The program included demonstrations on basic water testing methods to identify parameters such as pH, turbidity, and contamination levels. Participants were made aware of common waterborne diseases and preventive measures. The session also highlighted the importance of safe drinking water practices, storage methods, and purification techniques. Overall, the program strengthened community knowledge on water safety and promoted responsible usage of water resources.

NATIONAL DEWORMING DAY



On the occasion of National Deworming Day, an awareness program was conducted on 10 February 2026 at Ramachandrapuram to highlight the importance of deworming for child health and overall well-being. The session focused on the causes and effects of intestinal worm infections, symptoms, and the necessity of periodic deworming. Participants were educated on hygiene practices such as handwashing, safe food consumption, and sanitation to prevent infections. The program also emphasized the role of schools and communities in ensuring regular deworming. Overall, the initiative contributed to improving health awareness and promoting preventive healthcare practices among the participants.

CRYPTOGRAPHY CAPTURE THE FLAG V(CTF)



A technical event titled Cryptography Capture the Flag (CTF) was conducted on 18 February 2026 at SAC Hall by the Cryptography Club. The program aimed to enhance participants' problem-solving and analytical skills through hands-on challenges in cryptography. The session included tasks on encryption, decryption, hashing, and logical puzzles that simulated real-world cybersecurity scenarios. Participants actively engaged in identifying vulnerabilities and decoding hidden information. The event fostered critical thinking and practical exposure to cybersecurity concepts. Overall, it strengthened technical competencies and teamwork among students.

CRYPTOGRAPHIC HASH FUNCTIONS: GUARDIANS OF DATA INTEGRITY



An awareness session on Cryptographic Hash Functions: Guardians of Data Integrity was organized on 19 February 2026 at SAC Hall by the Cryptography Club. The objective was to educate participants on the role of hash functions in ensuring data security and integrity. The session covered concepts such as hashing algorithms, digital signatures, and real-world applications in cybersecurity. Participants gained insights into how data tampering can be detected using hash values. The program emphasized the importance of secure data handling in modern digital systems. Overall, it enhanced students' understanding of fundamental cryptographic principles.

INTEGRATING PROMPTS WITH APIS



A technical session on Integrating Prompts with APIs was conducted on 20 February 2026 at SAC Hall by Prompt-O-Ventures. The program aimed to introduce participants to the integration of AI prompts with application programming interfaces (APIs). The session demonstrated how prompts can be used to automate workflows, enhance applications, and build intelligent systems. Participants explored real-time use cases and hands-on examples. The program emphasized efficient prompt design and API utilization for scalable solutions. Overall, it provided practical exposure to modern AI-driven development techniques.

PROMPTING FOR DOMAIN-SPECIFIC MODELS



A session titled Prompting for Domain-Specific Models was held on 18 February 2026 at SAC Hall by Prompt-O-Ventures. The objective was to educate participants on designing effective prompts tailored to specific domains such as healthcare, finance, and agriculture. The session covered techniques for improving model accuracy, context handling, and output relevance. Participants learned how domain knowledge enhances AI performance. The program emphasized precision in prompt engineering for specialized applications. Overall, it strengthened participants' skills in advanced AI interaction.

SEMINAR ON FUNDAMENTALS OF SOIL SCIENCE FOR SUSTAINABLE FARMING



A seminar on Fundamentals of Soil Science for Sustainable Farming was conducted on 20 February 2026 at SAC Hall by the Agriculture Club. The objective was to provide knowledge on soil properties, fertility management, and sustainable agricultural practices. The session covered soil composition, nutrient cycles, and methods to maintain soil health. Participants were introduced to eco-friendly farming techniques and soil conservation strategies. The program emphasized the importance of soil management for long-term agricultural productivity. Overall, it enhanced awareness of sustainable farming practices.

COLOR GRADING AND CORRECTION IN DAVINCI RESOLVE



A skill development session on Color Grading and Correction in DaVinci Resolve was conducted on 23 February 2026 at SAC Hall by Design Sphere. The program aimed to train participants in professional video editing techniques. The session covered color theory, correction tools, and cinematic grading workflows using DaVinci Resolve software. Participants gained hands-on experience in enhancing visual quality and storytelling through color. The program emphasized industry-standard editing practices. Overall, it improved participants' creative and technical skills in video production.

RAPID PROTOTYPING HACKATHON: 48HR DESIGN SPRINT



A Rapid Prototyping Hackathon: 48hr Design Sprint was organized on 23 February 2026 at SAC Hall by WebApps. The objective was to encourage innovation and rapid problem-solving through collaborative design. Participants worked in teams to ideate, design, and prototype solutions within a limited timeframe. The event emphasized user-centric design, creativity, and time management. Mentorship and peer learning played a key role throughout the hackathon. Overall, it fostered innovation, teamwork, and practical development skills.

CRAFTING POWERFUL UX CASE STUDIES



A session on Crafting Powerful UX Case Studies was conducted on 23 February 2026 at SAC Hall by WebApps. The program aimed to guide participants in documenting and presenting user experience (UX) projects effectively. The session covered storytelling techniques, research documentation, and portfolio building. Participants learned how to structure case studies to highlight problem-solving approaches and design impact. The program emphasized clarity, creativity, and professional presentation. Overall, it enhanced participants' ability to showcase their design work effectively.

CODE FOR CAUSE -1



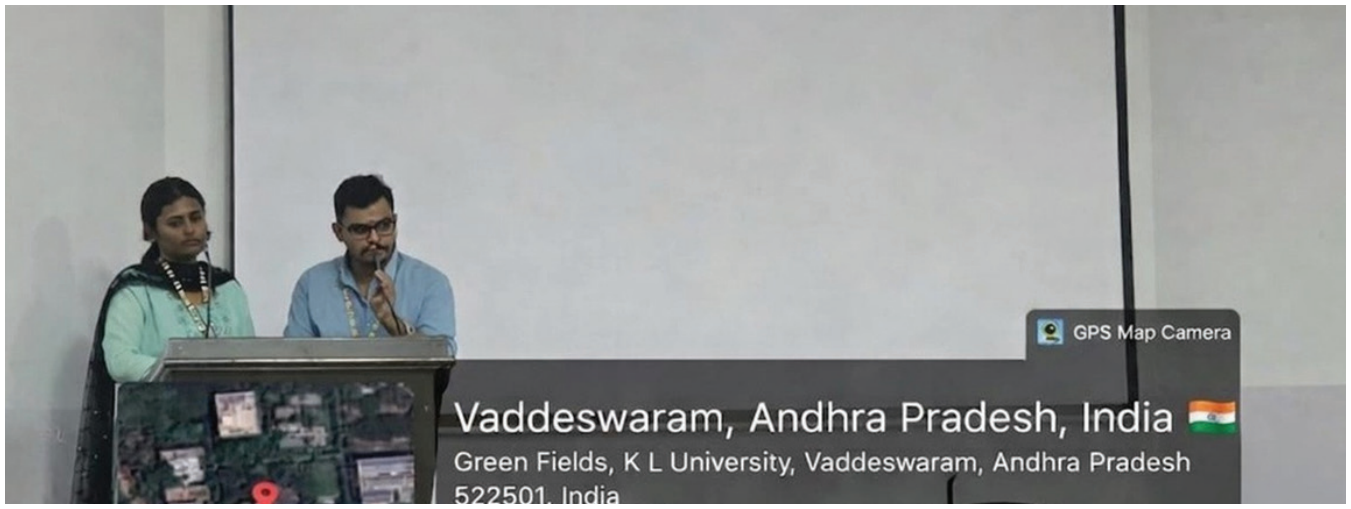
An initiative titled **Code for Cause -1** was conducted on **17 February 2026** at SAC Hall by the Zero One Club. The objective was to encourage students to develop technological solutions addressing social issues. The session involved brainstorming, coding, and presenting innovative ideas focused on community development. Participants explored how technology can be leveraged for social good. The program emphasized problem-solving, collaboration, and social responsibility. Overall, it inspired students to use their technical skills for meaningful impact.

WORKSHOP ON EMBROIDERY TECHNIQUES FOR FASHION



"Workshop on Embroidery Techniques for Fashion"encouraged students to explore innovative design ideas with confidence and creativity. The workshop helped in developing fine motor skills, patience, and attention to detail. Participants gained a deeper appreciation for the fusion of traditional and contemporary fashion techniques. The interactive nature of the session made learning both enjoyable and impactful. It inspired many students to further pursue textile art and design.

LITERARY TRANSLATION LAB



The Literary Translation Lab under Literature club serves as a valuable platform for nurturing linguistic creativity and cultural awareness among students. It equips participants with practical translation skills while deepening their understanding of language nuances and contextual meaning. The workshop successfully highlights translation as both a craft and an art that connects diverse cultures. Ultimately, it inspires learners to become thoughtful communicators and bridges between languages, fostering global understanding and expression.

WRITING ACROSS CULTURES



Writing Across Cultures: Diversity in Literature under Literature Club : The session successfully highlighted the value of cultural diversity in literature. It encouraged participants to explore and appreciate global perspectives. The workshop fostered empathy, creativity, and inclusive thinking. Participants gained insight into the role of literature as a cultural bridge. Overall, it inspired a deeper commitment to diverse and meaningful storytelling.

CODE FOR CAUSE -1



An initiative titled **Code for Cause -1** was conducted on **17 February 2026** at SAC Hall by the Zero One Club. The objective was to encourage students to develop technological solutions addressing social issues. The session involved brainstorming, coding, and presenting innovative ideas focused on community development. Participants explored how technology can be leveraged for social good. The program emphasized problem-solving, collaboration, and social responsibility. Overall, it inspired students to use their technical skills for meaningful impact.

CHINNARI RANGOTSAVAM (CHILDREN'S COLOUR FESTIVAL)



Chinnari Rangotsavam, held on 28 March 2026 at Undavalli Primary School under the Smart Village Revolution (SVR) Club of KL University, was a lively celebration of creativity and learning among rural students. The festival brought together children of 6th to 8th classes in a vibrant blend of quiz and painting competitions, encouraging them to explore their talents beyond academics. Through these engaging activities, students enhanced their confidence, teamwork, and creative expression while developing critical thinking and communication skills. The event successfully created an inspiring environment that nurtured young minds and promoted holistic development in a joyful and meaningful way.

NATIONAL WATER'S DAY



National Water Day was observed on 28 March 2026 at Undavalli as part of a community outreach initiative aimed at promoting awareness on water conservation and sustainable management. The program highlighted critical issues such as water scarcity, groundwater depletion, and pollution, while encouraging responsible usage through practical solutions like rainwater harvesting. Through an engaging awareness session, participants gained valuable insights into the importance of preserving water resources for future generations, fostering a sense of environmental responsibility and collective action.

AWARENESS ON DIGITAL LITERACY & INTERNET PROTECTION



The Awareness Program on Digital Literacy & Internet Protection, held on 14 March 2026 at Atmakuru under the Smart Village Revolution (SVR) Club of KL University, focused on equipping rural participants with essential digital skills and cyber safety knowledge. The session highlighted responsible internet usage, online privacy, and protection against common cyber threats such as phishing and fraud. By promoting safe and ethical digital practices, the program enhanced participants' confidence in using digital platforms for education and communication, contributing to bridging the digital divide and fostering a more informed and secure community.

VILLAGE WELLNESS CAMP: YOGA FOR A HEALTHY LIFE



The Village Wellness Camp titled "Yoga for a Healthy Life," conducted on 16 March 2026 at Kolanukonda under the Smart Village Revolution (SVR) Club of KL University, promoted holistic health and well-being among rural participants. The camp introduced simple yoga asanas and breathing techniques, emphasizing their role in improving physical fitness, mental peace, and emotional balance. By encouraging regular yoga practice, the program helped participants manage stress, enhance concentration, and adopt healthier lifestyles, thereby fostering awareness about preventive healthcare and overall wellness in the community.

STRETCH & STRENGTH: RURAL HEALTH FITNESS DRIVE



The “Stretch & Strength” Rural Health Fitness Drive, held on 16 March 2026 at Kolanukonda under the Smart Village Revolution (SVR) Club of KL University, focused on promoting active lifestyles and physical well-being in rural communities. The program introduced simple stretching and strengthening exercises, highlighting the importance of regular physical activity in preventing lifestyle-related health issues. By encouraging participants to adopt consistent fitness routines, the drive improved awareness of preventive healthcare, enhanced energy levels, and fostered a disciplined approach toward maintaining a healthy and active lifestyle.

SCHOLASTIC ACCOMPLISHMENTS
EXTENSION OF EXPERTISE



1. Dr M. Sandra Caramel Sophia, RPAC gave away a guest talk on the topic 'Adapting Literary Content for Non-Humanities Undergraduates' as a Resource Person in a 6-Day Faculty Development Program (FDP) on "Teaching Communication Skills through Prescribed Degree Textbooks and Literary Forms", from 5-01-2026 to 10-01-2026, Vikrama Simhapuri University, Nellore.
2. Dr. Lavanya Sivapurapu, Associate Professor extended her expertise as a Resource Person for the two-day Symposium on "Bharatiya Bhasa Pariwar" organised by the School of Social Sciences and Humanities (VISH) at VIT-AP University under the aegis of Bharatiya Bhasha Samiti sponsored by the Ministry of Education, Government of India, on 23rd to 24th January 2026.
3. Dr M. Sandra Carmel Sophia, RPAC served as the Chairperson for a Technical session at the ICSSR-SRC Two-Day National Conference on Bridging Borders, Reimagining Futures: Diasporic Identity, Integration & Innovation in an Era of Global Transformation, Maris Stella College, Vijayawada, AP, 22 & 23 January 2026.
4. Dr. S. Farhad, Associate Professor contributed her expertise as a reviewer for the journal The Asian Research Journal of Arts & Social Sciences and received a Certificate of Excellence from the Editorial Committee.
5. Dr. S. Farhad, Associate Professor, chaired a Technical Session in an ICSSR-SRC Sponsored Two-Day National Conference on 'Bridging Borders & Reimagining Futures: Diaspora Identity, Integration and Innovation in an Era of Global Transformation' organised by Department of History, Tourism and Travel Management and English on 22 and 23 January, 2026 by Maris Stella College, Vijayawada.
6. Dr M. Sandra Carmel Sophia, RPAC delivered a Talk on "Shakespeare for Critical Thinking &

Communication" in an Online National-Level Conference on "Teaching Shakespeare for Language Development", organised by ELSTA, INDIA, on 6-02-2026.

7. Dr M. Sandra Caramel Sophia, RPAC extended her services as the Resource Person for a technical session on 'Conversational AI & Speaking Skill Enhancement in ELT'(A Transformative Pedagogical Framework for Higher Education), in a Five-Day Online FDP on 'Next-Gen Pedagogical Innovations: Teaching English in the age of AI' from 23rd – 27th March 2026, Bannari Amman Institute of Technology, Sathyamangalam, Erode.

Upskilling the academic acumen

Conduction of Literary events on the eve of 77th Republic Day

Department of English conducted various literary events on the occasion of 77th Republic Day. The events conducted were …

- Patriotism JAM - an extempore speaking event,
- Voices of young India - a micro writing event and
- Patriotism quote explanation.

The winners of the speaking events are S. Sidhartha (2500040149), in Patriotism JAM, and Atmanand Panigrahi (2500031687) in the Patriotism Quote event. These events conducted by Dr. E. S. Sharmila Sigamany, Dr. Retna Mony and Dr. Marchina Sangma under the leadership of Department Chair Dr. Vishnu Divya.

Conduction of Faculty Orientation Lecture

Department of English conducted a Faculty Orientation Lecture on the topic "Innovative Teaching Techniques: Discussion and Reflection" on 31st January Saturday at 1:40PM in F-301. The Resource Person for the Lecture was Dr. A. Amutha, Associate Professor, Department of English, KLEF. The objective of the Session was to familiarize faculty members with innovative teaching strategies, encourage reflective teaching practices, and promote interactive learning approaches to enhance classroom effectiveness and student engagement.

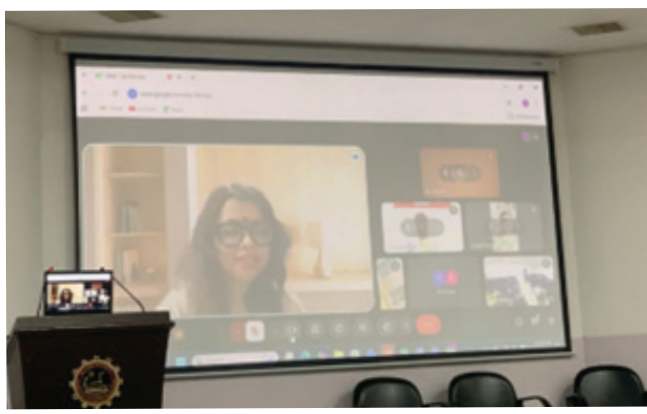


Conduction of One-Day National Symposium

Department of English organized a One-Day National Symposium on "Reimagining English Pedagogy: Literature, Language, and Learning with AI" on 28th February 2026, Saturday from 10:00 a.m. to 5 p.m. The occasion was graced by distinguished speakers - Prof. Kotti Sree Ramesh, Professor of English, Adikavi Nannaya University, Rajamahendravaram, Andhra Pradesh, Dr. Shoba K. N., Associate Professor of English, National Institute of Technical Teachers Training and Research, Chennai, Dr. Koel Mitra, Associate Professor of English, Brainware University, Kolkata, Dr. Ritu Sharma, Assistant Professor, Faculty of English, Schools of Sciences & Humanities, S R University, Warangal – Telangana and delivered insightful lectures.









The symposium witnessed enthusiastic participation from faculty members, researchers, and students making it a highly enriching and intellectually stimulating academic and research event.





The Symposium was conducted under the advisory of the Director, FED, Dr. A. Jagadeesh and Principal FED, Prof. Dr. V. Krishna Reddy and under the leadership of the Department Chair Dr. K. Vishnu Divya and organized by the Convenor, Dr. M. Sandra Carmel Sophia, RPAC and the Co-convenor Dr. Retna Mony. R., Assistant Professor with the unstinted support of the faculty members of the department.



Dr M. Sandra Caramel Sophia, RPAC completed a 36 hours Intensive Certificate course on "Indian Knowledge System: Pathways to address Contemporary Global Challenges" held from 19 January to 04 Feb 2026, organised by Centre for Research on Social Sciences and Education in collaboration with Centre for Ancient History and Culture, Jain Deemed to be University.

Dr. S. Farhad, Associate Professor completed a 36 hours Intensive Certificate course on "Indian Knowledge System: Pathways to address Contemporary Global Challenges" held from 19 January to 04 Feb 2026, organised by Centre for Research on Social Sciences and Education in collaboration with Centre for Ancient History and Culture, Jain Deemed to be University.

Dr. A. Amutha, Associate Professor participated in a Faculty Capacity Building Programme on the topic "Student Wellbeing and Early Intervention" organized by the Academic Staff College, in association with the Value Education Cell, KLEF, Vaddeswaram campus on 26-03-2026.

Dr. M. K. Padma Lata, Assistant Professor participated in a Faculty Capacity Building Programme on the topic "Student Wellbeing and Early Intervention" organized by the Academic Staff College, in association with the Value Education Cell, KLEF, Vaddeswaram campus on 26-03-2026.

Significant accomplishments

Dr M. Sandra Caramel Sophia, RPAC received 'South India Best Teacher Award' on the eve of the birth anniversary of Savitribhai Phule from Guru Upadyaya Sangham, Vijayawada on 3-01-2026.



Dr. K. Vishnu Divya, Department Chair received Research Appreciation award for research excellence during the academic year 24-25 in the Research Day celebration on 26-1-26.

17. Dr M. Suresh, Associate Professor, Deputy HoD received Research Appreciation award for research excellence during the academic year 24-25 in the Research Day celebration on 26-1-26.

18. Dr M. Raja Ambedkar, Associate Professor received Research Appreciation award for research excel-

lence during the academic year 24-25 in the Research Day celebration on 26-1-26.



Dr Lavanya. S., Associate Professor received Research Appreciation award for research excellence during the academic year 24-25 in the Research Day celebration on 26-1-26.



Dr Farhad, Associate Professor received Research Appreciation award for research excellence during the academic year 24-25 in the Research Day celebration on 26-1-26.

Dr A. Rama Devi, Assistant Professor received Research Appreciation award for research excellence during the academic year 24-25 in the Research Day celebration on 26-1-26.



Dr M. K. Padma Lata, Assistant Professor received Research Appreciation award for her research excellence during the academic year 24-25 in the Research Day celebration on 26-1-26.

Dr M. Sandra Carmel Sophia, RPAC received 'M S Swaminathan Prize 2026', a Research Excellence Award from Institute of Researchers on the eve of International Women's Day on 10-3-2026.



Dr M. Sandra Carmel Sophia, RPAC received Astitva 'Woman as Changemaker' award for being a Society Changemaker by empowering the lives of women through education and guidance awarded by Astitva, on the occasion of International Women's Day on 8-3-2026.



Vedant's Mission Viksit Bharat

4th International Virtual Multidisciplinary Conference "From Gurukul to Global: Paving the Path to Viksit Bharat@2047: Restructuring Higher Education with Indic Priorities" Commencing Today

Hon'ble Governor Acharya Devvrat Ji and Pujya Swami Parmatmanand Saraswati Ji to address august gathering at Vedant's International Virtual Conference on Viksit Bharat

Miss. Sreedevi Nallajarla, Full-Time Research Scholar of Dr. M. Madhusudhan Rao, Department of English, KLEF (Deemed to be University), Vaddeswaram, Guntur, actively participated in the "Vedant's Mission Viksit Bharat@2047– 4th International Virtual Multidisciplinary Conference: From Gurukul to Global". Her participation was recognized at the national level, and her name was published in "The Indian Express" newspaper. She received certificates of appreciation from the Prime Minister of India, the Chief Minister of Gujarat, and the Chief Minister of Uttar Pradesh, along with an official letter of recognition from Shri Amit Shah, Hon'ble Union Home Minister of India.

On the occasion of International Women's Day celebrated by the Women Developement Cell, KLEF, Vaddeswaram Dr. K.B. Gory, Assistant Professor, Dr A. Rama Devi, Assistant Professor, Dr D. Twinkle, Assistant Professor, Dr Marchina Sangma, Assistant Professor and Dr, M. K. Padma Lata, Assistant Professor received Recognition Awards for their contribution in various categories of the research domain. The Department applauded the recipients of the recognition and wished them many more successes.

Research Corner

Participation in Webinar, Seminars and Conferences

Dr. Twinkle Dasari, Assistant Professor presented a paper titled "Indian Transgender Narratives: A Canon for Constructing Third Gender Identity" in an Online National Conference – "Cultural Studies: Perspectives and Challenges" conducted by Department of English. St. Andrew's College of Arts, Science, and Commerce, Mumbai on 07th January 2026.

Dr. S. Farhad, Associate Professor participated in ICSSR-SRC Sponsored Two-Day National Conference on 'Bridging Borders & Reimagining Futures: Diaspora Identity, Integration and Innovation in an Era of Global Transformation' organised by the Department of History, tourism and Tavel Management and English on 22 & 23 January, 2026 by Maris Stella College Vijayawada.

Dr. M. Sandra Carmel Sophia, RPAC presented a paper titled 'Crossing Borders, Creating Futures: Migration and Identity in NoViolet Bulawayo's We Need New Names' in an ICSSR-SRC Two-Day National Conference on "Bridging Borders, Reimagining Futures: Diasporic Identity, Integration and Innovation in an Era of Global Transformation" organised by Maris Stella College, Vijayawada, on 22nd and 23rd January, 2026.

Dr. M. K. Padma Lata, Assistant Professor participated in a Professional Development Webinar on "Publishing in the Age of Artificial Intelligence" organised by the Department of English, ANITS in collaboration with ELTAI Visakhapatnam Chapter, on 31st January, 2026.









Dr. M. Sandra Carmel Sophia, RPAC presented a paper titled 'Digitizing Wisdom: Preserving and Transforming Folk Knowledge in the Digital Era', in a One-day National Virtual Seminar on Indigenous/Folk Epistemologies: Intersections of Tradition, Memory, and Practice (s) conducted by School of Social Sciences and Languages, Vellore Institute of Technology (VIT), Vellore, on 31st January, 2026.

Dr Madhu Munagala, Associate Professor attended an Online Webinar on "A Peer Reviewer's Toolkit: "Skills, Ethics and Practice" on 12 February 2026 organised by Emerald Publishing.

Dr. M. K. Padma Lata, Assistant Professor participated and presented a paper titled "Reimagining Learner Identity in ELT: From Analogue Pedagogies to AI-Driven Instruction" in a 3-day International Conference on The Voices across Cultures: Innovations in Language and Literary Discourse (VCILLD-2026) organised by Department of English, IIC-BEC of Bapatla Engineering College, Bapatla during 12th -14th February and received a Certificate of Appreciation for her research presentation.

Dr. Twinkle Dasari, Assistant Professor presented a paper titled "Exploring Diversity in Transgender Identity in India From Manjunath to Manjamma" in a Three Day International Conference on "The Voices across Cultures: Innovations in Language and Literary Discourse" (VCILLD-2026) organised by the Department of English in Association with IIC-BEC, Bapatla Engineering College (A), Bapatla held during 12th - 14th February, 2026.

Dr. M. K. Padma Lata, Assistant Professor participated in an Online Workshop on "Three approaches for achieving success in multilingual classrooms" organised by the British Council-Teach English on 18-02-2026.

Dr. M.K. Padma Lata, Assistant Professor, participated in an International Webinar on "Demystifying and Unpacking Research: Let's think Anthropogically" conducted by ELTAI held on 22 February 2026.

Dr. Mutyala Suresh, Deputy HoD, participated in VIth International Conference on Perspectives on Business Management, Economics and Information Technology (PBMEIT) and presented a paper titled "Interdependence of Conflict Resolution Strategies and Interpersonal Communication Skills at Workplace: An Analysis" for which he received a Certificate of Appreciation. The Conference was organized by the St. Ann's College for Women, Hyderabad, conducted online on 28th February and 1st March, 2026.

Dr M. Sandra Carmel Sophia, RPAC presented a paper titled 'Decolonising the Forest: Tribal Struggles and Survival in Kesava Reddy's He Conquered the Jungle in a Two-Day National Seminar on "The Decolonisation Project &Tribal Ethnic Identities in India" conducted by the Times National Institute of Technology, Silchar, Assam during 28th and 29th March, 2026.


Creative Saplings

Because Death Opens the Door to Another World

Kumara Swamy Ravipati

Character is destiny,
Pristine by life's anatomy,
Tops at Time rating
Flops at Life betting
Mortals enter by chance
To experience life essence
After life in the rented home
Reaches the haunted dome
Left all legacy and courtesy
Jealousy and mercy
Journeyed through the cold hill stations
With no sensation
Gone forever to rest,
Leaving all pain and gain,
Vain and vein
Because Death opens the door to another world.

Publications

Dr. S. Farhad, Associate Professor, published a book chapter, "AI-Supported Pronunciation Training and Oral Fluency Development in ESL Classrooms" in an edited book titled Blended Learning in A I & ELT, pages: 61-69.

Dr. Kumara Swamy Ravipati, Assistant Professor published a poem, "Because Death Opens the Door to Another World" in Creative Saplings Vol. 05. No. 02, February 2026, ISSN-0974-536X.

Dr M. Sandra Carmel Sophia, RPAC edited an Anthology of poetry titled 'Metamorphosis of Life: A Poetical Anthology', ISBN: 978-81-980681-9-4, published by Ivarin Publishers, Chennai, Tamil Nadu on 20 March 2026.

SUCCESSFUL COMPLETION MEET





The Successful Completion Meet of Newsletter Volume 1 was organised to commemorate the culmination of months of dedicated effort, creativity, and teamwork invested in bringing the first volume of the newsletter to fruition. The meeting provided an opportunity to reflect on the journey from conceptualisation to publication and to celebrate the collective achievements of the team.

Throughout the development of Volume 1, the team worked collaboratively across content creation, editing, design, and coordination, ensuring quality and timely execution at every stage. The successful release of the newsletter marked an important milestone and laid a strong foundation for future editions.

As part of the event, the team was felicitated for their overall performance and valuable contributions, and their commitment, perseverance, and teamwork were acknowledged. The recognition served as encouragement and appreciation for the efforts that transformed ideas into a well-structured and impactful publication.

The meeting concluded with words of motivation and appreciation, reinforcing the importance of collaboration and innovation. The success of Newsletter Volume 1 serves as an inspiration to set higher standards and maintain continued excellence in the upcoming volumes.

RESEARCH LABORATORY INFRASTRUCTURE SPOTLIGHT ANTENNA TEST SETUP :

Room Number: L707



The Antenna Radiation Pattern Measurement System is a laboratory setup used to evaluate the performance characteristics of various antennas. It consists of transmitting and receiving antennas mounted on calibrated rotating turntables inside an anechoic chamber lined with RF absorbing material to minimize reflections. The system measures key antenna parameters such as radiation pattern, gain, beamwidth, directivity, front-to-back ratio, and polarization. A signal generator provides RF input, while a detector or network analyzer records received power levels. The rotating mechanism enables precise angular measurements, allowing accurate plotting of antenna radiation characteristics for communication and microwave engineering applications.

Applications:

- Antenna radiation pattern measurement.
- Gain and directivity analysis.
- Wireless communication system design.
- Satellite communication testing.
- Radar system development.

AKADEMIKA AMS-A:

Room Number: L707

The AKADEMIKA AMS-A Antenna Measurement System is a laboratory instrument designed for analyzing antenna characteristics. It integrates a PLL synthesized RF signal generator (100 MHz–3 GHz), RF detector, and stepper motor controller for automated antenna rotation. The system enables precise measurement of radiation patterns, gain, beamwidth, front-to-back ratio, and other key antenna parameters. A digital display and keypad interface allow frequency selection, measurement control, and data acquisition. The built-in RF output and input ports connect to transmitting and receiving antennas during testing. This compact system is widely used in communication engineering laboratories for practical antenna performance evaluation and experimentation.

Applications:

- Antenna radiation pattern measurement.
- Gain and directivity analysis.
- Wireless communication system design.
- Satellite communication testing.
- Radar system development.



PCB PROTOTYPING:
Room Number: L708



The PCB Prototype Machine is a compact CNC-based milling system used to fabricate printed circuit boards directly from digital design files. It removes unwanted copper from a copper-clad board using a high-speed rotating drill bit, creating circuit traces without chemical etching. The machine operates with computer-controlled X, Y, and Z axes for precise routing, drilling, and engraving. It supports rapid prototyping, allowing engineers and students to quickly test electronic circuit designs. The enclosed structure ensures safety during operation. This system is widely used in electronics laboratories for fast, clean, and accurate PCB development.

Applications:

- Rapid PCB prototyping
- Academic electronics laboratories
- R&D circuit testing
- Custom PCB manufacturing (small scale)

FACULTY CORNER
Faculty Achievements

The Department of Electronics and Communication Engineering proudly celebrates the remarkable accomplishments of its faculty members, reflecting our continued commitment to academic excellence, research advancement, and holistic development.

Professional Certification Excellence

Four faculty members completed the Realtime Programming for the QNX Operating System certification offered by QNX and delivered through the approved training partner Pi-Square. This achievement strengthens our expertise in real-time and embedded system technologies, reinforcing industry-aligned academic delivery within the department.

Name	Course	Issued By
Dr N Prabakaran	Realtime Programming for the QNX Operating System	QNX, a division of Blackberry
Dr Atul Kumar	Realtime Programming for the QNX Operating System	QNX, a division of Blackberry
Dr A V Prabhu	Realtime Programming for the QNX Operating System	QNX, a division of Blackberry
Dr J Rajasekhar	Realtime Programming for the QNX Operating System	QNX, a division of Blackberry









RESEARCH CONTRIBUTION AT NATIONAL FORUM

Dr Debajit Deb, Assistant Professor, presented a research paper at the Symposium on Magnetism and Spintronics (SMS 2026), organised by the Indian Institute of Technology Hyderabad, held from January 21–24, 2026. His participation highlights the department's active engagement in advanced research domains, such as magnetism and spintronics, and underscores our strong presence on reputable national academic platforms.





PROFESSIONAL LEADERSHIP RECOGNITION

Dr Venkata Kishore K. was honoured with a Certificate of Appreciation for his role as an IEEE Day 2025 Ambassador under IEEE. This recognition reflects his leadership, professional service, and contribution toward fostering global technical engagement, bringing distinction to the department.





COMMITMENT TO SOCIAL RESPONSIBILITY

Dr M. Siva Kumar received a Certificate of Completion for participating in the "5K Run for the Spirit of Unity," organised by Sri Sathya Sai Seva Organisations at Vijayawada on February 8, 2026. His participation demonstrates the department's emphasis on unity, human values, and holistic development beyond academics.



EXCELLENCE BEYOND ACADEMICS

Dr Fazal Noorbasha, Associate Professor and Associate Dean (Academics), was honoured at the NTR National Open Karate Championship – 2026 held at Tadepalli, Guntur. A Black Belt (I DAN) and National Gold Medalist, his achievement exemplifies excellence in both academic leadership and personal accomplishment, bringing pride to the department and university.





INTERNATIONAL RESEARCH PARTICIPATION

Mrs. Iswarya S., Ph.D. scholar under the supervision of Dr. Sampad Kumar Panda, received a fully funded invitation to attend the ISWI-SCOSTEP International School on Space Weather (ISSW) at Indian Institute of Geomagnetism, Navi Mumbai, from January 5–9, 2026.

She further presented a research paper at the 4th Indian Space Weather Conference (ISWC-4), organized by Physical Research Laboratory, Ahmedabad, during January 29–30, 2026. These accomplishments highlight her active research engagement and the department's strong encouragement of scholarly excellence.





FACULTY CERTIFICATION IN IIOT PROGRAMMING & AUTOMATION – L2


TARAS
SYSTEMS AND SOLUTIONS

CERTIFICATE OF COMPLETION

This is to certify that

Dr.M.SIVA GANGA PRASAD

has successfully completed the certification training on

IIOT PROGRAMMING & AUTOMATION -L2

Authorized by

Koneru Lakshmaiah Education Foundation (Deemed to be University)
Vaddeswaram, Guntur district, Andhra Pradesh

24/10/2025 to 26/10/2025

Director-Operation

DR. FAZAL NOORBASHA FOR HIS OUTSTANDING PERFORMANCE AT THE STATE LEVEL UNIVERSITY FACULTY CRICKET CHAMPIONSHIP – CHANDUCUP 2026.

Leading KL University as Captain, he secured a 48-run victory and earned the Player of the Match (MVP) title with an impressive all-round performance. His achievement reflects excellence in leadership, teamwork, and sportsmanship beyond academics.





ARTICLES

Published Research Article Highlight

Title: High-Speed and Power-Efficient Ternary Logic Designs Using GNR Transistors
A research article titled High-Speed and Power-Efficient Ternary Logic Designs Using GNR Transistors was published online on 18 January 2024 in the international journal e Prime – Advances in Electrical Engineering, Electronics and Energy, published by Elsevier.

About the Article
The published work focuses on the design and analysis of ternary logic circuits using Graphene Nanoribbon Field Effect Transistors (GNRFETs). Unlike conventional binary logic, ternary logic enables higher data density, reduced interconnect complexity, and improved power efficiency—making it highly suitable for next-generation VLSI systems.
The study presents the design of ternary logic gates such as inverters, AND, OR, NAND, and NOR, implemented using GNRFET technology. Circuit simulations were carried out using the HSPICE tool to evaluate key performance parameters including delay, power dissipation, and power-delay product (PDP).

Key Outcomes
- The proposed GNRFET-based ternary circuits demonstrated significant improvement in speed and power efficiency compared to existing CNTFET-based designs.
- Performance analysis under process, voltage, and temperature (PVT) variations confirmed the robustness and reliability of the designs.
- The results highlight GNRFET technology as a promising solution for low-power, high-performance VLSI and nanoelectronic applications.

This publication reflects the department's strong research orientation and its contribution to advancements in VLSI design and nanoelectronics.

Dr. Syed Shammem
Assosiate Professor



భారతావని వందనం

మంచుపూలను సిగన తురిమిన భరతమాతకు వందనం
భావి తరముల బాట వేసిన నాయకులకభివందనం
వందనం ... అభివందనం ... వందనం ... వందేమాతరం ...
వందనం ... అభివందనం ... వందనం ... వందేమాతరం ||

|| మంచుపూలను ||

భగత్సింగ్, సుభాష్ బోసు చంద్రశేఖర్ అజాదంటి
వీర బిడ్డల కన్న తల్లికి వందనం ... అభివందనం ...
తెల్ల దొరలను విల్లు పట్టి గజగజా వణికించినట్టి
అగ్గిపిడుగల్లూరి తల్లికి వందనం ... వందేమాతరం ... ||

|| మంచుపూలను ||

బానిసత్వపు చెరలనుండి రెక్క విప్పిన లేత ముదితకు
వందనం ... అభివందనం ... వందనం ... వందేమాతరం ...
క్రొత్త చివురులు తొడుగు అవని భారతావని వందనం
వందనం ... అభివందనం ... వందనం ... వందేమాతరం ||

|| మంచుపూలను ||

పి. శ్యాం సుందర్
అసోసియేట్ ప్రొఫెసర్
ECE డిపార్ట్ మెంట్



STUDENT CORNER

STUDENT ACHIEVEMENTS

Our students and research scholars continue to make significant strides at national and international platforms, reflecting the vibrant research culture of the department.

GLOBAL STUDENT RECOGNITION

CH. Guru Gowtham, B.Tech 2nd Year student, was selected as an Ambassador for IEEE YESIST12 2026, a prestigious global initiative under IEEE. Chosen among only 250 ambassadors worldwide, his selection reflects outstanding leadership potential and innovative spirit. This international recognition adds to the growing global footprint of the department.



NATIONAL-LEVEL INTERNSHIP EXPERIENCE

Babitha Lakshmi, B.Tech Electronics & Communication Engineering student (Student ID: 2300040398), completed a research-oriented internship at Vikram Sarabhai Space Centre, Thiruvananthapuram, under the Indian Space Research Organisation, Government of India.

During the internship (04 December 2025 – 24 December 2025), she worked on "Familiarisation of Vehicle Checkout Systems for the LVM3 M6 Mission," gaining exposure to real-time space mission systems and advanced engineering practices. This achievement highlights her technical aptitude, dedication, and growing interest in space and communication technologies, contributing to the department's strong national presence.





STUDENT VOICES: EMS ND STORIES

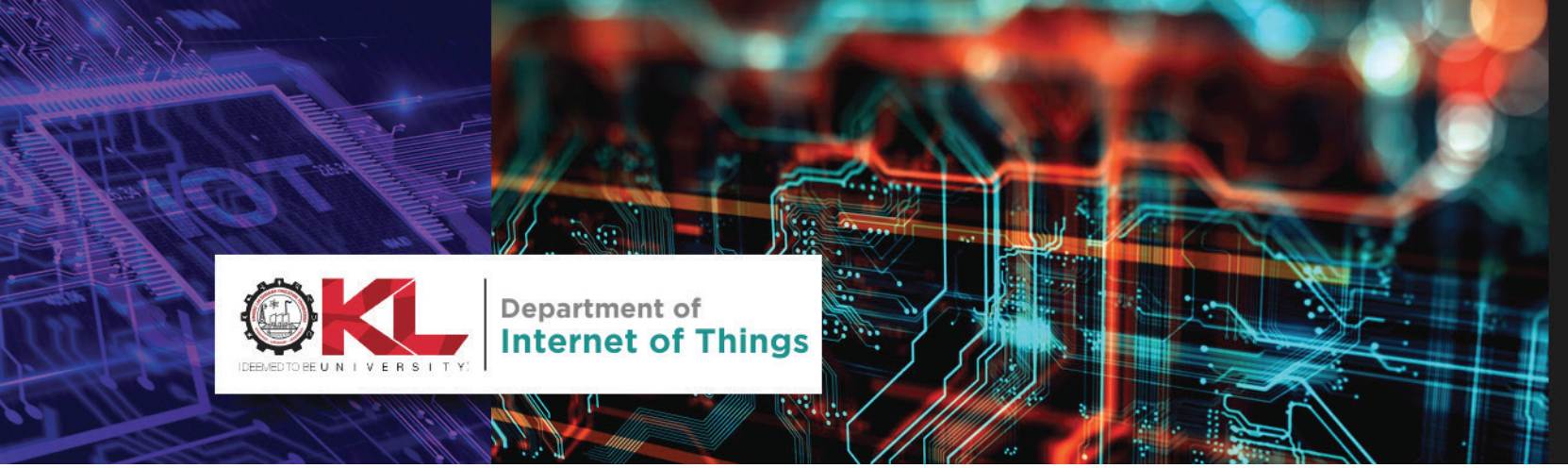
రాత్రి 12 గంటలు.
గది చీకటిలో ఉంది.
ఫోన్ వెలుగు మాత్రమే నిర్మల్ ముఖంపై పడుతోంది.
స్క్రోల్... లైక్... సేవ్...
కాని జీవితం మాత్రం ముందుకు కదలడం లేదు.
"వాడు సెటిల్ అయ్యాడట...
వాడు జాబ్ సంపాదించాడట..."
'అట' అనే మాటలతోనే తన ప్రపంచం నిండిపోయింది.
ఉదయం అమ్మ అడిగింది,
"డిగ్రీ అయి రెండేళ్లు అవుతోంది... నీ జీవితం ఏం చేస్తున్నావు?"
"ట్రై చేస్తున్నా..." అన్నాడు నిర్మల్.
కాని ఆ 'ట్రై' లో ఎంత భయం ఉందో ఎవరికీ తెలియదు.
రిప్లై రాకపోతే అనుమానం.
రిజెక్షన్ వస్తే ఆత్మగౌరవం దెబ్బతింటుంది.
ఒక రోజు తండ్రి అన్నాడు:
"జీవితాన్ని ఫోన్‌లో వెతుకుతున్నావు. జీవితం ఫోన్‌లో దొరికితే ఎవరూ ఫెయిల్ అవరు."
ఆ మాట అతని మనసును కదిలించింది.
మరుసటి రోజు ఫోన్ ఆఫ్ చేశాడు.
మొదట నిశ్శబ్దం భయంగా అనిపించింది.
కాని తరువాత అర్థమైంది...
భయంకరమైనది నిశ్శబ్దం కాదు.
మన జీవితాన్ని ఎదుర్కొనకపోవడమే.
కొన్ని నెలల తర్వాత ఫ్రెండ్ అడిగాడు:
"సెటిల్ అయ్యావా?"
నిర్మల్ నవ్వుతూ అన్నాడు:
"సెటిల్ అయ్యానని చెప్పలేను. కానీ ఇప్పుడు నేను నా దారిలో నడుస్తున్నాను."
వేగం ఆలస్యమైనా పర్వాలేదు.
దారి సరైందైతే చాలు.
ఈ కథలో హీరో పెద్ద విజయాన్ని సాధించలేదు.
కాని ఒక పని చేశాడు —
తన జీవితంనుంచి పారిపోవడం ఆపేశాడు.
అదే అతని నిజమైన విజయం.



"ఇంకా నీ జీవితం అర్థం చేసుకుంటూ ఉన్నావంటే...
నువ్వు ఆలస్యం కాలేదు.
నువ్వు కేవలం మనిషివి."

P HIMACHARAN
2400040212







The Department of Internet of Things (IoT) successfully organized a two-day academic outreach event on 13 and 14 March 2026. The programme was planned to promote innovation, practical exposure, and technology awareness among students and visitors. The first day was dedicated to a Project Expo, while the second day featured a Workshop designed to extend learning beyond classroom theory. The event reflected the department's commitment to innovation-driven education and meaningful community engagement. Poster was launched by the Honourable State Tribal Minister

The event was inaugurated by the Registrar, Dr. Subba Rao garu, whose presence added dignity and encouragement to the programme. The event was conducted under the guidance of the Head of the Department, Dr. P. Satyanarayana, and the Alternate Head of the Department, Dr. KTPS Kumar. Their leadership, support, and coordination contributed significantly to the successful planning and smooth execution of both days of the event.

సమాజాభివృద్ధికి నూతన ఆలోచనలు దోహదం

తాడేపల్లి: విద్యార్థుల నూతన ఆలోచనలు సమాజాభివృద్ధికి తోడ్పాటునిస్తాయని కేఎల్ విశ్వవిద్యాలయం రిజిస్ట్రార్ డాక్టర్ సుబ్బారావు అన్నారు. తాడేపల్లి మండలం వడ్డేశ్వరంలోని కేఎల్‌యూలో రెండురోజులపాటు జరిగే జాతీయస్థాయి ప్రాజెక్టు ఎక్స్‌పోను కేఎల్‌యూ ఐఓటీ విభాగం ఆధ్వర్యాన శుక్రవారం ఆయన ప్రారంభించారు. ఆధునిక సాంకేతికతలో ఇంటర్నెట్ ఆఫ్ థింగ్స్ కీలకపాత్ర పోషిస్తుందని, ఇలాంటి కార్యక్రమాలు విద్యార్థుల్లో సృజనాత్మకతను వెలికితీసి వారికి పరిశోధనలపై ఆసక్తి పెంపొందించేందుకు దోహదపడతాయన్నారు. వివిధ ఇంజినీరింగ్ కళాశాలలకు చెందిన బీటెక్, ఐఓటీ విద్యార్థులు, ప్రభుత్వ పాఠశాలల విద్యార్థులు ప్రదర్శించిన స్మార్ట్ హోమ్ ఆటోమేషన్ సిస్టమ్, బ్యాటరీ సైకిల్, అధునాతన రోబో, వ్యవసాయానికి ఉపయోగించే సెన్సార్, భద్రతా పర్యవేక్షణ, స్మార్ట్ సెక్యూరిటీ మోడల్స్ తదితర ప్రాజెక్టులు ఆకట్టుకున్నాయి. ఐఓటీ రంగంలో నూతన ఆలోచనలకు వేదికగా ఈ ప్రాజెక్టు ఎక్స్‌పో నిలుస్తోందని ఐఓటీ విభాగాధిపతి డాక్టర్ సత్యనారాయణ తెలిపారు. వీసీ డాక్టర్ పార్థసారథివర్మ, ప్రో వీసీలు డాక్టర్ ఏవీఎస్ ప్రసాద్, డాక్టర్ వెంకట్రామ్, డాక్టర్ రాజశేఖర్‌రావు, విద్యార్థి సంక్షేమ విభాగాధిపతి డాక్టర్ కేఆర్ఎస్ ప్రసాద్ తదితరులు పాల్గొన్నారు.



జ్యోతి వెలిగించి ప్రాజెక్టు ఎక్స్‌పో ప్రారంభిస్తున్న రిజిస్ట్రార్ సుబ్బారావు, ఐఓటీ విభాగాధిపతి సత్యనారాయణ

PROJECT EXPO – 13 MARCH 2026



The Project Expo provided a vibrant platform for IoT students to display their working models, ideas, and application-based projects. The exhibits demonstrated technical understanding, creativity, teamwork, and the practical application of classroom concepts to real-world problems. Faculty members, guests, and student visitors actively interacted with the teams, creating opportunities for discussion, feedback, and encouragement. The overall atmosphere of the expo was energetic, inspiring, and strongly focused on innovation.

An important highlight of the event was the participation of school students from nearby government schools, especially students of 7th and 9th classes, along with students from Arvinda School. Their visit added a strong outreach dimension to the programme. The young learners observed the projects with enthusiasm, interacted with presenters, and gained early exposure to science, engineering, and innovation. Their presence made the event more meaningful and served as an opportunity to motivate them toward future academic and technological pursuits





The event created a bridge between higher education and school-level learning by introducing younger students to practical demonstrations and innovation-based thinking. It showed them that engineering is not limited to textbooks, but can also involve creativity, experimentation, and social problem solving. For the department's own students, the event strengthened presentation skills, confidence, and the ability to explain technical ideas to a diverse audience

The two-day programme achieved both academic and social objectives. It provided the department's students with an opportunity to demonstrate technical knowledge, improve communication, and gain confidence through public interaction. At the same time, it helped visiting school students understand that technology learning can be practical, exciting, and future-oriented. The event strengthened the image of the IoT department as a centre for innovation, outreach, and student engagement.

The Project Expo and Workshop conducted on 13 and 14 March 2026 were highly successful and impactful. The event effectively combined academic presentation, practical exposure, and student motivation in a well-organized manner. The Department of IoT expresses sincere gratitude to the Registrar, Dr. Subba Rao garu, for inaugurating the event, and to Dr. P. Satyanarayana and Dr. KTPS Kumar for their guidance and support. The department also appreciates the enthusiastic participation of the visiting school students and all contributors who made the programme a memorable success.



Department of Mechanical

UNIVERSITY LEVEL EVENTS: ACADEMICS AND ACHIEVEMENTS

Achievements of the University with respect to Awards and Rankings.

Research Activities

S. No.	Dept.	Name of the Faculty/Scholar	Name of the Supervisor	Month and Year
1	ME	Varalakshmi Penugonda	Dr. G. Murali	January-2026
2	ME	Pureti Siva Naga Masthan Vali	Dr. G. Murali	January-2026

S.No	Title of the paper	Name of the author	Name of the Journal/ Conference
1	Artificial Intelligence in Extractive and Processing Industries: Applications Across Mining, Metallurgy, and Petroleum Sectors	Murali, Govindrajan	NIPES - Journal of Science and Technology Research
2	AI-Driven Innovations in the Exploration, Extraction, and Processing of Minerals, Metals, and Petroleum: A Review	Murali, Govindrajan	NIPES - Journal of Science and Technology Research
3	Artificial Intelligence in Predictive Toxicology: Modelling Xenobiotic Interactions and Human Risk Assessment	Murali, Govindarajan	Applied Chemical Engineering
4	AI Applications in Smart Mineral Processing: Ore Characterization, Sorting, and Efficiency	Murali, Govindrajan	Applied Chemical Engineering
5	AI-Driven Process Control for Enhancing Safety and Efficiency in Oil Refining	Murali, Govindrajan	Applied Chemical Engineering
6	Graphene as a Biomedical Material: Potentials and Perspectives	P. Samal	ECS Journal of Solid State Science and Technology
7	Laser WeldingStrengthPredictionUsing-Neural Network Techniques	Kanchu VenkataDurga-Rajesh	Journal of Engineering

S.No	Title of the paper	Name of the author	Name of the Journal/ Conference
8	Retraction notice to Correlation between the particle size, structural and photo-luminescence spectra of nano NiCr2O4 and La doped NiCr2O4 materials	Mangesh V.L.	Heliyon
9	Performance Evaluation of IC Engine with Dual Fuel Blend of Palm and Jatropha biodiesels	Mangesh, V.L.	International Journal of Vehicle Structures & Systems
10	Tensile and Flexural Behaviour of Kenaf, Hemp and E-glass Fiber Reinforced Polymer Matrix Composites	Murali G.	International Journal of Vehicle Structures & Systems
11	Influence of Carburizing on Surface layer of M50 NiL Steel for Bearing Applications	Pothamsetty Kasi V. Rao	Archieves of Metallurgy and Materials
12	Effect of hybridization on impact, hardness, impedance and water absorption properties of carbon, glass and steel fiber composites – a comparative study	Kasi V. Rao Pothamsetty	Journal of the Mechanical Behaviour of Materials
13	Enhancing start-up and torque in Darrieus VAWTs through a novel plain gurney flap design	G Yedukondalu	Scientific reports
14	An investigation into the physico-chemical characteristics and performance of surface-treated areca fibers	Atgur, V.	Scientific Reports
15	Investigating the influence of carbide reinforcements on the mechanical, corrosion, and tribological properties of recycled magnesium turnings based hybrid composites	G. Diwkar	Results in Engineering
16	Numerical Investigations of Superconducting Material Cooling Using Buoyancy-Driven Heat Transport in Cryogenic Nanofluids	Atul Bhattad	Heat Transfer Engineering
17	Predictive modeling of tensile strength in AZ91D Mg alloy FSW joints using machine learning techniques	Kiran Kumar, B.	MATERIALS RESEARCH EXPRESS
18	Sustainable advances in activated carbon for environmental and industrial applications	Samal P	Environmental Progress and Sustainable Energy
19	Enhancing Surface Roughness of Polylactic Acid (PLA) 3D-Printed Parts Using CO2 Laser Scanning: An Experimental Study on Parameter Optimization	Kumar, B. Kiran	Journal of Polymer & Composites

S.No	Title of the paper	Name of the author	Name of the Journal/ Conference
20	A comparative study of microstructure development, corrosion resistance and mechanical properties of dissimilar AA5083–AA6082 weldments produced by CMT, FSW and TIG welding processes	Raj Kumar Pittala	Welding International
21	NiO/ZnO nanoheterostructured chemiresistive sensor: a promising platform for NO2 detection	Raj Kumar Pittala	Bulletin of Materials Science
22	An investigation into the physico-chemical characteristics and performance of surface-treated areca fibers	Vinay Atgur	Scientific Reports
23	Micro-scale surface transformation of Rene 41–ZrO□ composites under EDM regimes	Pothamsetty Kasi V Rao	Interactions
24	Mechanical Analysis of Cu90Ni10 Alloy Processed by Wire Arc Additive Manufacturing using an L9 Orthogonal Array	T.V. Kumar	International Journal of Vehicle Structures & Systems
25	Experimental Investigation of AA2024 Reinforced with Titanium Silicon Carbide and Fly Ash using Ultrasonic Stir Casting	T. Vijaya Kumar	International Journal of Vehicle Structures & Systems
26	Formation of Machine Cells and Product Families using Genetic Algorithm with Local Search Heuristic	T. Vijay Kumar	International Journal of Vehicle Structures & Systems
27	Environmental Assessment of Diesel Engine Performance using Neem Biodiesel Blended with Al2O3 Nanoparticles	T.V. Kumar	International Journal of Vehicle Structures & Systems
28	Performance and sustainability assessment of green HFO-based refrigerant mixtures for residential air conditioning	K. Sai Sarath	Environmental Progress and sustainable energy
29	Mechancial and tribological characeterisation of Al2024-Alumina-Graphite reinforced monolithic and hybrid composite	T. Vijaya Kumar	Journal of Polymer and Composites(STM Journals)
30	Experimental Investigation on Tribological Properties of AA7085 - Titanium Carbide Metal Matrix Composites	G. Murali	International Journal of Vehicle Structures & Systems
31	Integrated framework utilizing scene text detection and recognition techniques for enhancing point of interest extraction from name boards in all Indic languages	Vikrant Chandrakar	Scientific Reports
32	Continuous flow hydroprocessing of waste plastics using ionic liquid catalyst	Murali Govindarajan	Scientific Reports

RESEARCH GROUPS AND THEIR ACTIVITIES

- Conducted Industry Expert Guest Lecture on "Overview of GD&T in an industry perspective" by Mr. Dileep Kotte, Sr. Lead Stress Engineer – Aerospace, Cyient Limited, Hyderabad conducted by Smart Manufacturing Cohort on 30-01-2026.
- Conducted Academic Guest Lecture on "Fluid Kinetics: Different Aspects of Fluid Motion" by Dr. K. S. S. Harish, Assistant Professor, Department of Mechanical Engineering, NIT Trichy conducted by Energy & CFD Cohort on 17-02-2026.
- Conducted a one-day workshop on "Aerospace Structural Design: Role of Composite Materials and Finite Element Analysis" by Dr. Naresh Kali, Engineer - FEA & Design, TISA Aerospace Pvt. Ltd, Hyderabad by Engineering Design Cohort on 21-02-2026.
- Conducted Alumni Guest Lecture on "Reimagining Mechanical Engineering in the CAD/CAM & Digital Manufacturing Era" by Mr. Sasikanth Kollipara (Y7ME242), Principal Product Owner, Autodesk India Pvt ltd., Pune, conducted by Smart Manufacturing Cohort on 28-02-2026.
- Conducted Alumni Guest Lecture on "SAP Production Planning" by Mrs. P. Smitha (Y0IPE240), Associate Consultant at Tata Consultancy Services, Bangalore, conducted by Smart Manufacturing Cohort on 14-03-2026.
- Conducted Webinar on "Green Intelligence: Sustainable Design in AI-Powered Smart Manufacturing" by Dr. Kundurthi Bharradwaja, Associate Professor, MALLAREDDY (MR) DEEMED TO BE UNIVERSITY conducted by Smart Manufacturing Cohort on 28-03-2026.
- Conducted Guest Lecture on "Data-Driven Fault Prediction and Maintenance Optimization through Machine Learning" by Dr. K. S. Raghuram, Associate professor, Department of Mechanical Engineering, Vignan's Institute of Information Technology, Visakhapatnam conducted by Engineering Design Cohort on 30-03-2026.

RESEARCH SCHOLARS ADMISSIONS

S. No.	Name of Scholar	ID / App. No.	Research Area	PT/FT	Supervisor Name
1	Mr. Pilli Veerababu	ARP2501301	Design	FT	Dr. D.V.A. Rama Sastry

Co-curricular Activities (Central Level Clubs and Association Activities)

All the Co-Curricular activities under different University Level Clubs and Associations.

Extra Curricular Activities (Central Level Clubs and Association Activities)

PATENTS/TECHNOLOGY TRANSFER

Research Patents obtained are missions

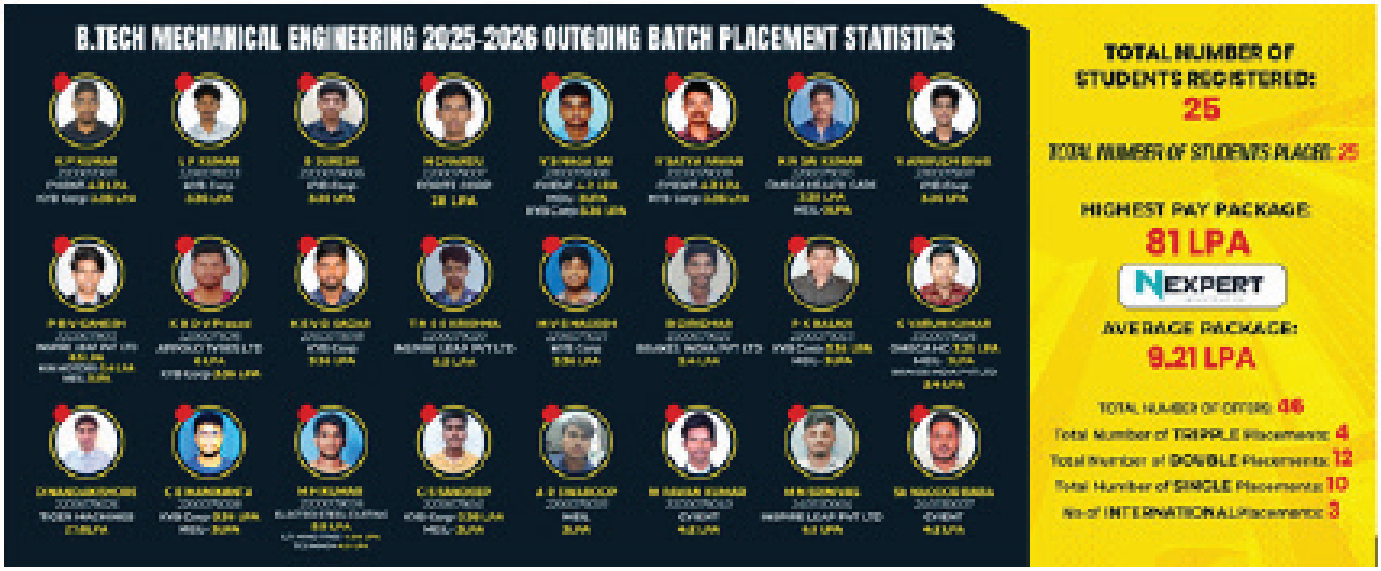
S. No	Name of the patents	Name of the Principal Investigator	Type of the Patent	Status of the Patent
1	Adaptive Process Control Method for Microstructural Optimization in Sequential Double-Side Friction Stir Welding of High-Strength Aluminum Alloys	K. V. Durga Rajesh	Utility Patent	Published
2	Banana Cutting Apparatus	Dr. K. V. Narasimha Rao	Utility Patent	Granted
3	CFD and Structural Optimization of a Gas Turbine Blade Using CREO and ANSYS	Dr S S Rao	Utility Patent	Published

NATIONAL & INTERNATIONAL AWARDS TO:

Dept.	**Name of the Student**	**Details of Honours**	**By**
1	B. Harshith Singh (2200070006)	Awarded with the Medallion for Excellence in Additive Manufacturing at India Skills 2025–26 Regional Competition – Southern Region from Feb 21-25, 2026 held at Kanha Shanti Vanam, Hyderabad	National Skill Development Corporation (NSDC) under the Ministry of Skill Development & Entrepreneurship, Government of India

PLACEMENTS (PLACEMENT ACTIVITY IN THE UNIVERSITY)

- **2200079034 - M Hemanth Kumar** (IV Year B.Tech-ME Student) Placed in Electro Steel Casting with a CTC of 6.75 LPA, LTI Mindtree with a CTC of 4 LPA and TCS Ninja with a CTC of 4 LPA.
- **2200079013 and 2200079020 - P Bala Venkata Ganesh and T Nagendra Sri Sai Krishana** (IV Year B.Tech-ME Students) placed in Inspire Leaf with a CTC of 6 LPA.
- **2200079010 and 2200079024 - K Narendra Sai Kumar and G Varun Kumar** (IV Year B.Tech-ME Students) placed in Omega Health Care with a CTC of 3.25 LPA.
- **2200079016 – K Bala Durga Vara Prasad** (IV Year B.Tech Student) placed in Appolo Tyres with a CTC of 6 LPA.
- 8 students from IV Year B.Tech placed in **Megha Engineering Infrastructure Private limited** with a CTC of 3 LPA.
- **2200079013 – P Bala venkata Ganesh Prasad** (IV Year B.Tech Student) placed in **KIA Motors** with a CTC of 5.8 LPA under GET Role.
- **5 students (4 IV Year B.Tech Students and 1 M.Tech Student)** were selected in **CYIENT Company** with a CTC 4.2 lakh per annum.
- **2200079037 – Velagapudi Sathvik Prasad** (IV Year B.Tech Student) placed in **NEXPERT** Industrial Company with a CTC of 81 LPA.
- **2200079001 – Ambati Ram Swaroop** (IV Year B.Tech Student) placed in Arcelor Mittal Nippon Steel India with a CTC of 6 LPA under GET Role.





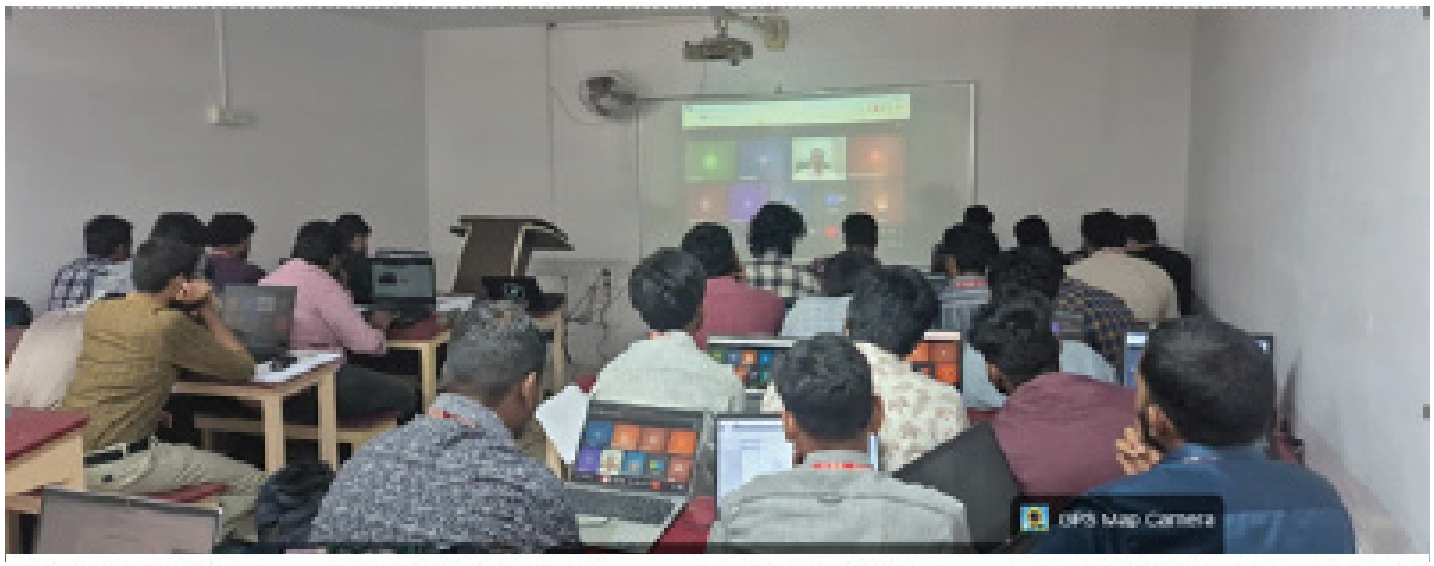
SPONSORED PROJECTS STATUS:

S. No	Name of the Project	Internal/ External	Name of the Principal Investigator	Value of the Project (Rs/-)	Date of Sanction	Organisation Name & Name of the Scheme
1	A thermal imaging system for in-situ monitoring of Electron beam welding	External	Dr. G.V. Subba Rao, Dr. S. Koteswara Rao and Dr. D.V.A Rama Sastry	Rs. 12.19 Lakhs	07-03-2023	ISRO
2	Hydroprocessing of waste plastics to produce diesel under low processing temperature	External	Dr. V. L. Mangesh (PI), Dr. G. Murali (Co PI)	Rs. 21.16 Lakhs	09-05-2023	SERB SURE

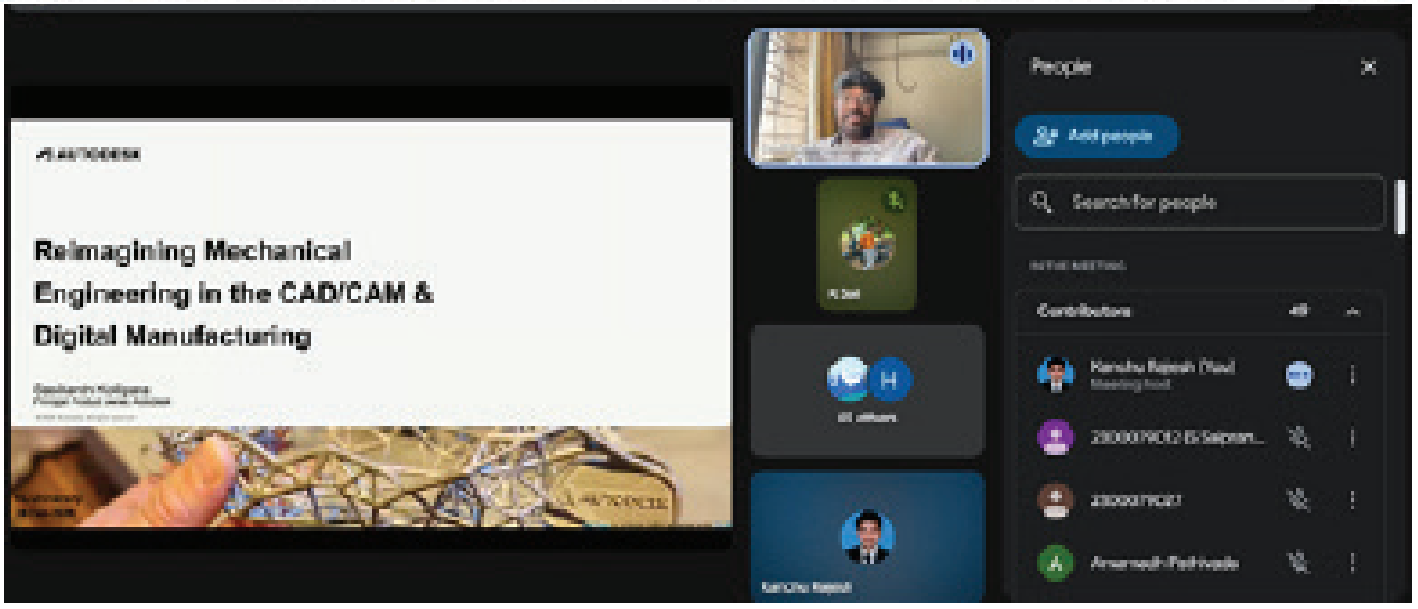
DEPARTMENT LEVEL ACTIVITIES:

S. No.	Dept.	Workshops/Seminars /Guest lectures
1	ME	Conducted Industry Expert Guest Lecture on “Overview of GD&T in an industry perspective” by Mr. Dileep Kotte, Sr. Lead Stress Engineer – Aerospace, Cyient Limited, Hyderabad conducted by Smart Manufacturing Cohort on 30-01-2026.
2	ME	Conducted Academic Guest Lecture on “Fluid Kinetics: Different Aspects of Fluid Motion” by Dr. K. S. S. Harish, Assistant Professor, Department of Mechanical Engineering, NIT Trichy conducted by Energy & CFD Cohort on 17-02-2026.
3	ME	Conducted a one-day workshop on “Aerospace Structural Design: Role of Composite Materials and Finite Element Analysis” by Dr. Naresh Kali, Engineer - FEA & Design, TISA Aerospace Pvt. Ltd, Hyderabad by Engineering Design Cohort on 21-02-2026.
4	ME	Conducted Alumni Guest Lecture on “Reimagining Mechanical Engineering in the CAD/CAM & Digital Manufacturing Era” by Mr. Sasikanth Kollipara (Y7ME242), Principal Product Owner, Autodesk India Pvt ltd., Pune, conducted by Smart Manufacturing Cohort on 28-02-2026.
5	ME	Conducted Alumni Guest Lecture on “SAP Production Planning” by Mrs. P. Smitha (Y0IPE240), Associate Consultant at Tata Consultancy Services, Bangalore, conducted by Smart Manufacturing Cohort on 14-03-2026.
6	ME	Conducted Webinar on “Green Intelligence: Sustainable Design in AI-Powered Smart Manufacturing” by Dr. Kundurthi Bharradwaja, Associate Professor, MALLAREDDY (MR) DEEMED TO BE UNIVERSITY conducted by Smart Manufacturing Cohort on 28-03-2026.
7	ME	Conducted Guest Lecture on “Data-Driven Fault Prediction and Maintenance Optimization through Machine Learning” by Dr. K. S. Raghuram, Associate professor, Department of Mechanical Engineering, Vignan’s Institute of Information Technology, Visakhapatnam conducted by Engineering Design Cohort on 30-03-2026.




GPS Map Camera


Aerospace
Structural
Design
Guntur,Andhra Pradesh,India


Reimagining Mechanical
Engineering in the CAD/CAM &
Digital Manufacturing
People
Add people
Search for people
Contributors





PROFESSIONAL SOCIETY ACTIVITIES

MESA Activities

The Department of Mechanical Engineering organized a MESA event titled “Quiz Time” on 11-02-2026 for the B.Tech III Year students. The event was conducted under the guidance of Dr. T. Vijaya Kumar, Head of the Department of Mechanical Engineering. The primary objective of the quiz was to enhance students knowledge, promote healthy competition, and encourage active participation in both technical and non-technical domains.


KONERU LAKSHMAIAH EDUCATIONAL FOUNDATION
MESA
QUIZ TIME
LETS START!
CONDUCTED BY: MESA


GPS Map Camera
Kolanukonda, Andhra Pradesh, India
Green Fields, Vaddeswaram, K L University, Kolanukonda, Andhra Pradesh 522502, India
Lat 16.44044° Long 80.622726°
Wednesday, 11/02/2026 08:59 AM GMT +05:30
Google

INDUSTRY RELEVANT TRAINING / VISITS

S.No	Name of the Industry / place visited & address	Date of Visit	No of students participated	Name of faculty accompanied	Program	Year
1	Coca-Cola Plant, Atmakur	27-02-2026	36	2	B.Tech	II / S01
2	Kushal Coach Builders, Mallavalli Industrial Park, near Vijayawada, Andhra Pradesh	17-03-2026	51	2	B.Tech	III / S01
3	Kushal Coach Builders, Mallavalli Industrial Park, near Vijayawada, Andhra Pradesh	17-03-2026	6	2	B.Tech	IV / S01





STUDENT ACHIEVEMENTS /EXTERNAL PARTICIPATION

Dept.	Name of the Student	Details of Honours	By
ME	**B. Harshith Singh (2200070006)**	Awarded with the Medallion for Excellence in Additive Manufacturing at India Skills 2025–26 Regional Competition – Southern Region from Feb 21-25, 2026 held at Kanha Shanti Vanam, Hyderabad	National Skill Development Corporation (NSDC) under the Ministry of Skill Development & Entrepreneurship, Government of India

WEBINARS

S. No.	Dept.	Webinars
1	ME	Conducted Webinar on "Green Intelligence: Sustainable Design in AI-Powered Smart Manufacturing" by Dr. Kundurthi Bharradwaja, Associate Professor, MALLAREDDY (MR) DEEMED TO BE UNIVERSITY conducted by Smart Manufacturing Cohort on 28-03-2026.

SKILL DEVELOPEMNT RELATED ACTIVITIES

Conducting Skilling classes (Value added courses) Static and Dynamic Analysis using Altair Hyperworks in regular academic classes from December-2025 to January-2026.

ACADEMIC STAFF COLLEGE ACTIVITIES.

S. No.	Dept.	Attended by	Training Programme
1	ME	ME Faculty	One-Day Workshop under AICTE–DPS on "DESIGN YOUR LIFE THROUGH DESIGN THINKING: An Approach for Future Professionals", organized by the Academic Staff College and IQAC, in association with Department of Multidisciplinary Innovation & Entrepreneurship (MDI&E), KLEF, Vaddeswaram campus, on 06-02-2026.
2	ME	ME Staff	Five-Day Hands-on Training Programme on "Microsoft Word & Excel" organized by the Academic Staff College, from 10.02.2026 to 14.02.2026.
3	ME	ME Faculty	"Faculty Capacity Building Programme for Student Well-being and Early Intervention," organized by the Academic Staff College, in association with the Value Education Cell, KLEF, Vaddeswaram campus on 26-03-2026.

NSS / NCC / SOCIAL SERVICES / CEA ACTIVITIES

S. No.	Dept.	Details of NSS Activities	Conducted On
1	ME	Conducted Awareness on Conservation of Water at Tummapudi Village, Near Tenali, Andhra Pradesh by NSS Unit-7, Department of Mechanical Engineering on 04th April 2026 (Saturday).	04-04-2026





ACADEMIC ACTIVITIES AND ACHIEVEMENTS:



Dr. Ankita Tiwari, Assistant Professor, Department of Mathematics, participated in national Level Online Hands on SCI Lab Workshop for Mathematicians: Fundamentals to Advanced held from 25th and 26th February 2026 organised by Indian Mathematics Professor association and Infinity Research & Development Institute Coimbatore.

KONERU LAKSHMAIAH EDUCATION FOUNDATION

Certificate

BEST TEACHER AWARD



This Certificate of Excellence is awarded to

Dr. KATUKURI KUMAR DEVI,

(Emp. ID: 3998 Title ASSOCIATE PROFESSOR Department of MATHEMATICS,

Koneru Lakshmaiah Education Foundation (Deemed to be University), for the Academic Year 2024-25.

We acknowledge and appreciate his/her contributions to academic practices and wish him/her continued success in his/her future professional endeavours.

(Dr. K. Subba Rao)
Registrar

(Dr. G. Parthasarathi Varma)
Vice Chancellor

INDIAN MATHEMATICS PROFESSORS ASSOCIATION
&
INFINITY RESEARCH & DEVELOPMENT INSTITUTE

INFINITY
BEYOND IMAGINATION

An International Research Institute Registered Under MSME, Government of India (UDYAM-TN-03-0023124) | ISO 9001 : 2015 Certified Institute

PARTICIPATION CERTIFICATE

This Certificate is Awarded to

Dr. ANKITA TIWARI, ASSIST PROFESSOR, Department of MATHEMATICS

of

KLEF, GUNTUR, A.P.

has participated in the

NATIONAL-LEVEL ONLINE HANDS-ON SCILAB WORKSHOP FOR MATHEMATICIANS: FUNDAMENTALS TO ADVANCED

held from February 25 to 27, 2026

Organized by
Indian Mathematics Professors Association and
Infinity Research & Development Institute, Coimbatore

CERTIFICATE NO.
IMPAC/2026/078

Dr. D. G. Subramanian
President, IMPA

Dr. M. Guna Sekaran
Director, IRDI

Dr. R. Chandrasekharan
Advisor, IMPA

RESEARCH ACTIVITIES:

S. No	Emp. Name	Title of the article	Name of Journal	ISSN/ Volume/ Issue/ Page No
1	Dr. Imran Ali	Extended nonlinear variational like-inequalities driven by system of fractional evolutionary equations	Fixed Point Theory and Algorithms for Sciences and Engineering	1687-1812 2026(4)
2	Dr. N. Vijaya	A Novel Approach to the Dynamics of a Fractional-Order Neural Networks with Delay Through Two-Point Self-Mapped Contraction	Fractal and Fractional	2504-3110 10(1), 1-16.
3	Dr. S.V. Subrahmanyam	MHD Mixed Convective Chemically Reacted HNF (Fe3O4-SiO2/H2O) Flow Analysis over a Stretching Cylinder	CFD Letters	2180-1363 18(1), 175-197.
4	Dr T Srinivasa Rao	Aurivillius-phase Bi4Ti3O12 nanoparticles structural, surface, and photocatalytic properties for advanced environmental applications	Journal of Physics and Chemistry of Solids	0022-3697, 113542, 1-8.
5	Dr S Mohammed Ibrahim	Modeling and Analysis of 3D Magnetized Radiative Williamson Nanofluid Flow Past a Riga Plate with Forchheimer-Darcy Porous Medium and Cattaneo-Christov Double Diffusion	International Journal of Computational Methods and Experimental Measurements	2046-0546, 34(4), 845-867.
6	Dr S Mohammed Ibrahim	Magneto-Chemically radiative micropolar nanofluid flow over an inclined stretching sheet with slip effects	Journal of Naval Architecture and Marine Engineering	18138535, 23(1), 129-144.
7	DR.ANKITA TIWARI	Hybrid CNN–LSTM Integrated with Temporal Fusion Transformer for Accurate and Interpretable Stock Market Forecasting	INTERNATIONAL INFORMATION AND ENGINEERING TECHNOLOGY ASSOCIATION	2116-7125, 30(11), 3045-3054.
8	Dr. D. Ramesh	Interval-Valued Neutrosophic Fuzzy n-Fold Positive Implicative Ideals of BCK-Algebras: Properties and Characterizations	Neutrosophic Sets and Systems	2331-608X, 95(1), 346-363.
9	Dr. D. Ramesh	Pythagorean Fuzzy Soft Structures on Boolean Rings	EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS	1307-5543, 19(1), 3-17.
10	Dr. T. EswarLal	Enhanced energy-storage and NIR emission in (Pb0.9Nd0.10)(HfxSn0.40Ti0.60-x)O3 ceramics via morphotropic phase boundary engineering	Ceramics International	2728842, 25(1), 1-13.
11	Dr S Mohammed Ibrahim	Analysis of Mixed Convection and Entropy Generation with a Rotating Half-Immersed Cylinder: Effects of Nanofluid, Magnetic Field, and Internal Heat Generation	Journal of Nanofluids	1-58883-2120, 15(1), 56-63

12	Dr. M. Radha Madhavi	COUPLED HEAT AND MASS TRANSFER IN TRANSIENT MAGNETOHYDRODYNAMIC NANOFLUID FLOW PAST A VERTICAL PLATE: EFFECTS OF BUOYANCY AND TEMPERATURE VARIATION	JP Journal of Heat and Mass Transfer	3049-2556, 39(1), 1-17.
13	Dr.N. Vijaya	Transport of a Micropolar Fluid across a Darcy-Forchheimer porous medium under the influence of activation energy	JP Journal of Heat and Mass Transfer	3049-2556, 39(1), 139-162.
14	Dr.K.V.Chandra Sekhar	LAPLACE TRANSFORM METHODOLOGY APPLIED TO THE SOLUTION OF A TRANSIENT MAGNETOHYDRODYNAMIC CASSON NANOFLUID FLOW ACROSS A DYNAMIC VERTICAL PLATE	JP Journal of Heat and Mass Transfer	0973-5763, 39(1), 81-119.
15	Dr.W.Sridhar	Insights of Joule heating and chemical reaction effects on Casson-Williamson fluid in a thermally active Darcy–Forchheimer medium	Al-Qadisiyah Journal for Engineering Sciences	2411-7773, 19(1), 153-163.

PH. D AWARDED

1.Ph.D. degree was awarded to Leela santi parige under the supervision of Dr. D. Sateesh Kumar, Associate Professor, Department of Mathematics, on 7th January 2026.

Thesis Title: Magnetohydrodynamic and Thermodynamic Analysis of Ternary Hybrid Nano Fluids over Rotating Disk

2. Ph.D. degree was awarded to G. Naga Jyothi, under the supervision of Dr. T. Srinivasa Rao, Assistant Professor, Department of Mathematics on 14th FEB 2026.

Thesis Title: Some Studies on Stability Aspects For System of Difference Equations

3. Ph.D. degree was awarded to K. J Lakshmi Narayana, under the supervision of Dr V B V N Prasad

Professor, Department of Mathematics on 10th April 2026.

PATENTS

1. Dr. S. Ragamayi, Professor, Assistant Professor, Department of Mathematics, published patent titled as “AI-DRIVEN MACHINE LEARNING FRAMEWORK FOR REAL-TIME DISASTER RISK ASSESSMENT AND GEOGRAPHIC PATTERN RECOGNITION” Government of India. Application Number: 202521106068 A Published on 16-1-2026.

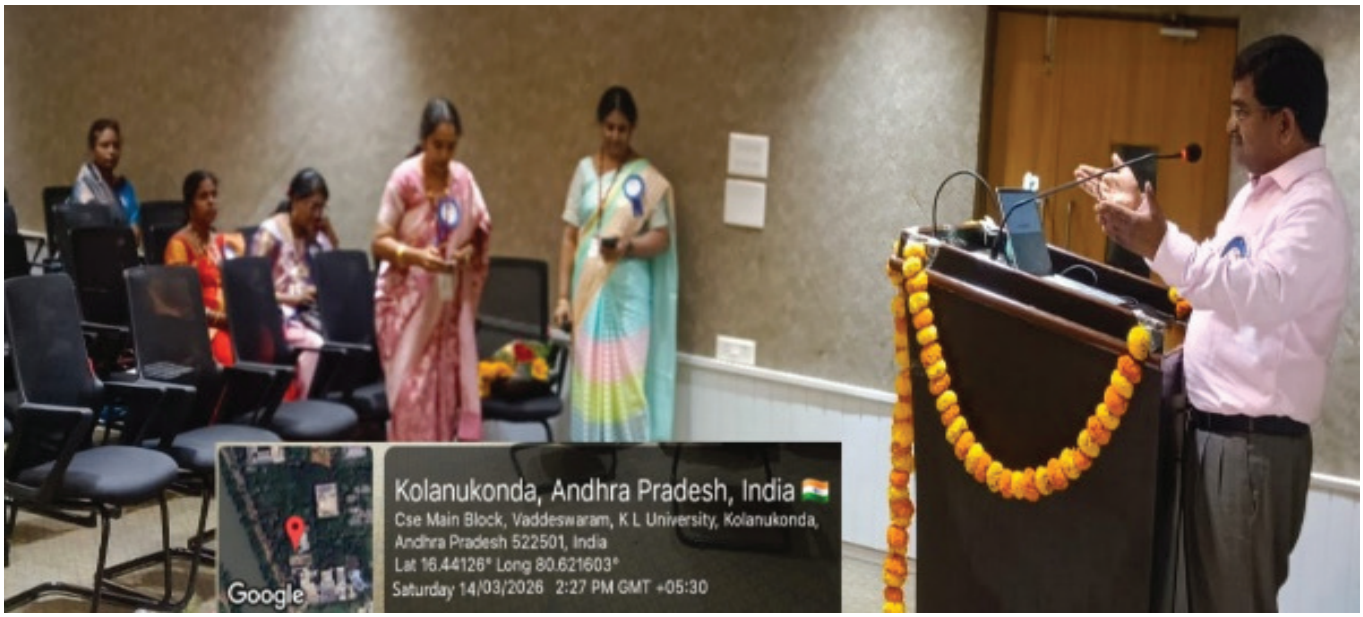
2. Dr. V. S. Bhagavan, Professor, Department of Mathematics, published patent titled as “AI DRIVEN NETWORK INTRUSION DETECTION SYSTEM, Government of India. Application Number: 482400-001 Published on 21-1-2026.

SEMINAR ORGANIZED

The Department of Mathematics conducted a seminar on 23-03-2026 as per the circular dated 11-03-2026. As part of academic activities, the seminar was organized by the Department of Mathematics, K L E F, from 2:00 PM to 4:00 PM at F005. The resource person for the seminar was Dr. Venkata Sundaranand Putcha, Principal Rayalaseema University College of Engineering. He delivered a lecture on "Data Analytics using Python Programming."

GUEST LECTURE:

The department of Mathematics conducted Guest lecture on 14-03-2026 as per the circular dated on 10-03-2026. As a part of the academic activity of the department Guest lecture program was organized on 14 March 2026 of the department of Mathematics K L E F , K L University from 02.00PM to 4.00PM at F005.In this Guest Lecture the resource person Dr. V Kamakshi Prasad, Professor, Department of CSE & Director of Academic and Planning , JNTUH, Hyderabad Lecture on "Quantum Mathematics."



INTERNATIONAL CONFERENCE:

The department of Mathematics organized A Three day International Conference on Qunatum Computing and Artificial Intelligence (ICQCAI-2026) was conducted by the Department of Mathematics, K L E F during 16th to 18th March 2026. In this even 5 keynote speakers from various national and international institutions were participated and nearly 70 research papers were presented. Dr. T. Srinivasa Rao, HOD was organizing secretary, Dr. S.V. Subrahmanyam, Dr. N. Konda Reddy were the conveners, Dr. K.V. Chandra Sekhar, Dr. B. Srinivasa Kumar, Dr. Y.Bharagavi were the co-conveners of the conference. All our faculty members presented their research articles in the international conference.



AWARDS AND RECOGNITION:

Our department women faculty Dr. M. Radha Madhavi , Dr. P.Bindu, Dr. Y. Bhargavi, Dr. R. Leelavathi bagged MERITORIOUS Recognitions on the occasion of Women Day celebrations on March 24th 2026 organized by women forum, KLEF









PAPER CLIPS

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ప్రభుత్వం ఆమలు చేస్తున్న సంక్షేమ పథకాలను వివరించారు.

క్వాంటమ్ కంప్యూటింగ్.. ఏఐలపై అవగాహన

తాడేపల్లి: తాడేపల్లి మండలం వడ్డేశ్వరంలోని కేఎల్ విశ్వవిద్యాలయంలో మూడురోజులుగా జరుగుతున్న ఐటీ అంతర్జాతీయ గణిత సదస్సు బుధవారం ముగిసింది. ఒమన్ దేశానికి చెందిన సుల్తాన్ కాబూస్ యూనివర్సిటీ రజీతు విభాగ ఆచార్యులు డాక్టర్ హఫీజ్ మహ్మద్ ఆసీఫ్ మాట్లాడుతూ క్వాంటమ్ కంప్యూటింగ్, కృత్రిమ మేధ అంశంపై విద్యార్థులకు అవగాహన కల్పించారు. పంజాబ్‌లోని ఎన్‌ఐటీ జలంధర్ కంప్యూటర్ విభాగ ఆచార్యులు డాక్టర్ శ్యామ్‌సన్ ఆసోసబాబు, మెకానికల్ ఇంజినీరింగ్ ఆచార్యులు డాక్టర్ నాగేశ్వరరావు, హైదరాబాద్‌కు చెందిన శ్రీన్ పోసిస్ వ్యవస్థాపక అధ్యక్షుడు, శాస్త్రవేత్త డాక్టర్ మహేశ్వరరావు పాల్గొన్నారు.

Date : 19/03/2026 EditionName : ANDHRA PRADESH(AMARAVATI GUNTUR) PageNo :



ఆంధ్రప్రభ | epaper.prabhanews.com | గురువారం 19 మార్చి 2026

ఘనంగా ముగిసిన అంతర్జాతీయ గణిత సదస్సు

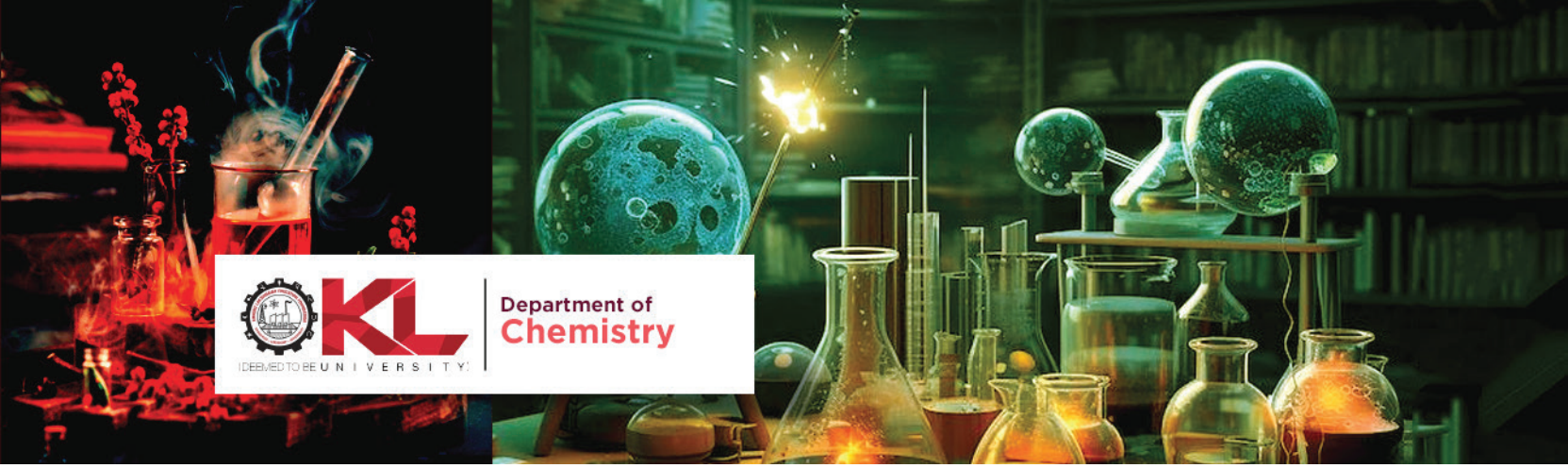
మహేశ్వరరావును సన్మానిస్తున్న ఆచార్యులు



సాక్షి

ముగిసిన 5వ అంతర్జాతీయ గణిత సదస్సు

చీఫ్ గెస్ట్‌లో డాక్టర్ వి.మహేశ్వరరావును సత్కరిస్తున్న వీసీలోగా గణిత విభాగం ఆచార్యులు

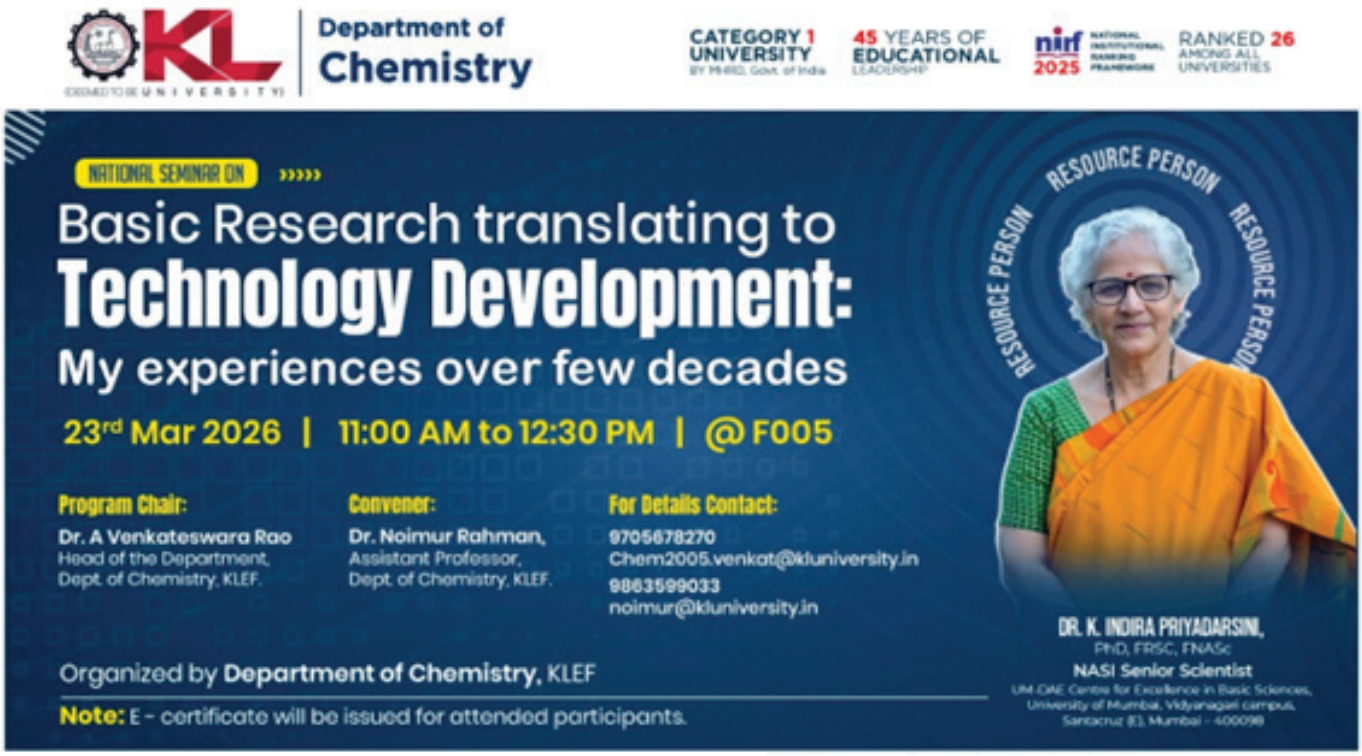


WEBINAR/ CONFERENCE/ WORKSHOP CONDUCTED:



KL University successfully hosted the International Conference on Pure and Applied Chemistry (IconPAC-2026) from January 8-10, 2026, a prestigious three-day event funded by the Anusandhan National Research Foundation (ANRF), attracting over 300 delegates from around the world. Organized by the Department of Chemistry under the patronage of the Vice-Chancellor and IQAC, the conference featured 12 plenary speakers, 25 keynote addresses, 80+ oral presentations, and 150+ poster sessions covering cutting-edge themes in inorganic chemistry, nanomaterials, electrochemistry, metal-organic frameworks (MOFs), sustainable catalysis, computational chemistry, and green synthesis—directly aligning with institutional research strengths and NEP 2020's emphasis on multidisciplinary innovation. International collaboration was evident through invited delegates from MIT, Oxford, Tokyo University, and Max Planck Institute, fostering 20+ MoUs for joint research projects, student exchanges, and faculty collaborations, while ANRF funding of ₹25 lakhs supported publication of 100+ proceedings in Scopus-indexed journals (Springer/Elsevier), generating 15 high-impact papers with international co-authorship.

NATIONAL SEMINAR:"BASIC RESEARCH TRANSLATING TO TECHNOLOGY DEVELOPMENT: MY EXPERIENCES OVER FEW DECADES"







The Department of Chemistry, KLEF, organized a National Seminar on 23rd March 2026 from 11:00 AM to 12:30 PM at F005. The seminar was delivered by Dr. K. Indira Priyadarsini, NASI Senior Scientist, UM-DAE Centre for Excellence in Basic Sciences, University of Mumbai.

The session began with a welcome address by Dr. A. Venkateswara Rao, Head of the Department of Chemistry. The seminar was convened by Dr. Noimur Rahman, who introduced the resource person and highlighted her significant contributions to radiation chemistry and antioxidant research.

In her lecture, Dr. Priyadarsini shared her extensive research journey and explained how fundamental research can be translated into practical technological applications. She discussed the importance of strong theoretical foundations, interdisciplinary collaboration, and sustained research efforts in developing technologies that address societal needs. Real-life examples from her decades of scientific experience provided valuable insights into innovation, research challenges, and scientific perseverance. The seminar was highly informative and interactive. Students and faculty actively participated in the discussion, raising questions about research methodologies, career development in science, and the process of translating laboratory research into industry-oriented technologies. M.Sc. Chemistry students greatly benefited from the session as it broadened their understanding of research perspectives and motivated them to pursue meaningful scientific contributions. The seminar concluded with a vote of thanks, expressing gratitude to the speaker for her inspiring and enlightening presentation.

Overall, the event was a grand success and enriched the Department of Chemistry's academic environment.

NATIONAL SCIENCE DAY SUMMARY REPORT



Objective of the National Science day

- Celebrate Scientific Discovery and Legacy:To honour Sir C. V. Raman's discovery of the Raman Effect (which earned him the Nobel Prize in Physics) and reinforce India's rich history of scientific achievement.
- Highlight the 2026 Theme: "Women in Science – Catalysing Viksit Bharat":To recognise and celebrate the contributions of women scientists, researchers, and innovators in India's science and technology landscape. This aligns with the government's efforts to promote gender equity, inclusion, and leadership in STEM (Science, Technology, Engineering, and Mathematics) fields.
- Promote Scientific Temper and Curiosity:To encourage scientific thinking, critical reasoning, and evidence-based decision-making among students, educators, and the public — a value emphasised in India's cultural and constitutional ethos.
- Inspire Youth and Future Scientists:To motivate students and young researchers to pursue careers in science and innovation, contributing to national development and global competitiveness.
- Showcase Scientific Achievements and Research:To provide a platform for displaying scientific projects, research efforts, and technological advancements undertaken by institutions, scholars, and innovators across the country.
- Support National Vision for a Developed India ("Viksit Bharat"):To align science education and outreach with India's broader goals of innovation-led growth, self-reliance in technology (Atmanirbhar Bharat), and sustainable development through research and discovery.
- Encourage Gender Inclusion in STEM:To reduce gender disparities and actively strengthen participation of women across scientific disciplines — fostering an inclusive scientific ecosystem that fuels national progress.
- Proceedings of the Science Quiz Competition
- The Science Quiz Competition was conducted in multiple rounds to assess participants' knowledge, analytical ability, and problem-solving skills.

Structure of the Quiz:

1 **Preliminary Written Round** – Screening test to shortlist teams.

2. **Rapid Fire Round** – Testing quick recall and conceptual clarity.

3. **Visual Identification Round** – Identification of scientists, laboratory equipment, and discoveries.

4. **Current Science & Innovation Round** – Questions related to recent scientific developments and women scientists in India.

5. **Audience Interaction Round** – Engaging the audience with spot questions.

Students from undergraduate and postgraduate programs actively participated. The quiz generated enthusiasm and healthy competition among teams.

Outcome of the Quiz:

• Enhanced awareness of scientific discoveries and innovations.

• Improved team coordination and critical thinking skills.

• Increased knowledge about women scientists and their contributions.

Winners were awarded certificates and prizes during the valedictory session.

Proceedings of Student Presentations

Following the quiz competition, student presentations were conducted on theme-based topics related to:

• Contributions of Women Scientists in India

• Emerging Trends in Chemical Sciences

• Sustainable Technologies and Green Chemistry

• Role of Science in Nation Building

• Innovation and Entrepreneurship in STEM

Evaluation Criteria:

• Content relevance

• Clarity of concepts

• Research depth

• Presentation skills

• Alignment with the theme

Faculty members served as the evaluation panel and provided constructive feedback to participants.

Highlights:

• Students demonstrated strong research aptitude.

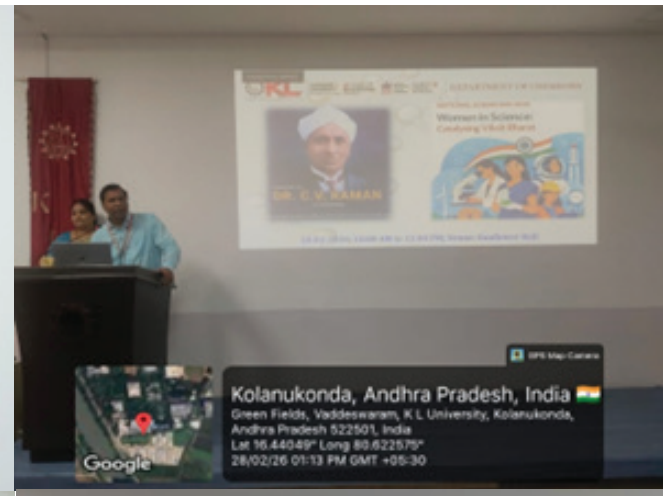
• Several presentations highlighted innovative solutions for sustainable development.

• Participants showcased confidence and effective communication skills.

Conclusion

The National Science Day 2026 poster designed by the Department of Chemistry effectively captured the spirit of the theme "Women in Science: Catalysing Viksit Bharat." Through impactful visuals, national symbolism, and clear event communication, the poster successfully conveyed the message of women's empowerment in science and aligned with India's vision for a developed and innovation-driven nation.The poster stands as a strong representation of K L University's commitment to scientific excellence, inclusivity, and national development.

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SCIENCE DAY CELEBRATIONS


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Publications:

Faculty of Chemistry have published 3 publications in Scopus and SCI indexed journals during January to March 2026.

S.No	Title of the paper	Name of the author/s	Name of the Journal	Year of Publication (Month & Year)	ISBN / ISSN number	Journal impact factor	Indexing (SCI, Scopus, ect..)
1	Advancing solution-processed narrow-bandwidth thermally activated delayed fluorescence OLEDs: Progress and potential	Dr Deepti Kolli	Dyes and Pigments	January, 2026	0143-7208	4.2	Scopus & SCI
2	Sustainable dyeing of polyester with 1,5-diaminonaphthalene modified marigold dye: Preparation, dyeing performance, and adsorption kinetics	Dr M Shahid	Fibers and Polymers	January, 2026	1875-0052	2.3	SCOPUS, WOS-SCIE
3	Bioengineered Selenium Nanoparticles Synthesized Using Ficus hispida Ethyl Acetate Extract Exhibit Antibacterial and Antioxidant Activities	Dr Deepti Kolli	Microbial Pathogenesis	January, 2026	1096-1208	3.5	SCOPUS, WOS-SCIE
4	Eco-Friendly Synthesis of Silver Nanoparticles Using Ficus hispida Fruit Extract and Evaluation of Their Anticancer Properties	Dr Deepti Kolli	Chemical Methodologies	March, 2026	2645-7776	3.5	Scopus, WOS
5	Characterization of ficus hispida fruit extract and assessment of Gallic acid using in Silico and in vitro studies against breast cancer	Dr Deepti Kolli	Scientific Reports	January, 2026	2045-2322	4.3	SCOPUS, WOS-SCIE
6	Synergistic enhancement of magnetic and microwave absorption properties in Ba substituted DyFeO3 perovskite	Dr Tinku Baidya	Solid State Communications	February, 2026	0038-1098	2.4	SCOPUS, WOS-SCIE
7	Design, synthesis and anticancer evaluation of amide derivatives of 1,2,3-triazole-oxazole-pyrazoles as anticancer agents	Dr R Sreenivasulu	Chemical Data Collections	Mar-26	2405-8300	2.7	Web of science

S.No	Title of the paper	Name of the author/s	Name of the Journal	Year of Publication (Month & Year)	ISBN / ISSN number	Journal impact factor	Indexing (SCI, Scopus, ect..)
8	Purely organic room-temperature phosphorescent materials for OLEDs: Molecular design, photophysics, and device strategies	Dr Deepti Kolli	Dyes and Pigments	June, 2026	0143-7208	4.2	SCOPUS, WOS-SCIE
9	Exploration of Multicomponent Triazole-Oxadiazole Clubbed Imidazole Hybrids: Design, Synthesis, In Silico Docking, and DFT Analysis as Potent Pharmacological Agents	Dr Deepti Kolli	Russian Journal of General Chemistry	March, 2026	1070-3632	0.8	SCOPUS, WOS-SCIE
10	Valsartan—Mutagenic Nitroso Drug Substance Related Impurity, Structural Evaluation, Carcinogenic Potency Categorization Assessment; a Novel and Extremely Sensitive Quantification Method for Impurity in Drug Substances Using LC-MS/MS	Dr Deepti Kolli	Separation Science Plus	March, 2026	2573-1815	1.6	SCOPUS, WOS-SCIE
11	The Evolution of Antimicrobial effectiveness of Nano-AgO particles against various Pathogens such as Pseudomonas aeruginosa and Streptococcus pyogenes, synthesized and characterized through the Chemical Reduction Method	Dr J V Shanmukha Kumar	Research Journal of Chemistry and Environment	January, 2026	2278-4527	1.1	SCOPUS
12	Sustainable Cotton Dyeing Using Vat Dye Derived from Eucalyptus Bark Waste	Dr M Shahid	ACS Sustainable Resource Management	March, 2026	2837-1445		SCOPUS, WOS-SCIE

PhD's Awarded:

1.**Mr.H K Reddy Vallamreddy (183230015)** Awarded PhD entitled" L proline catalyzed green and eco friendly synthesis of quinazolin-4-1h one coumarin and indolyl methylene derivatives" awarded on 28.02.2026 under the supervision of Dr A venkateswara Rao, Associate Professor, K l University.

2.**Ms.Chaithanya Boga (163230016)** Awarded PhD entitled" Synthesis and biological screening of isoxazole thiazole thiadiazole isatin and benzimidazole derivatives"" awarded on 28.03.2026 under the supervision of Dr A Venkateswara Rao, Associate Professor, K l University.

nirf 2025 NATIONAL INSTITUTIONAL RANKING FRAMEWORK

Ministry of Education, Govt. of India

Includes IIT's, IIM's, IIIT's, IISc, NIT, State & Central Govt. Institutions

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Ministry of Education, Government of India

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