

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
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Techno LIGHT

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FROM THE EDITOR-IN-CHIEF

Greetings to all,

I have a great pleasure in assuming charge as the Principal of this institution.

Looking back gives Experience. Looking forward gives Hope. Looking around gives Reality. Looking within gives Confidence.

Looking into the 25 years history of Seshadri Rao Gudlavalleru Engineering College (SRGEC), I believe that vision with strong will power and determination is the catalyst for fulfilling one's dreams. That has simply proven in the case of SRGEC. Sri

Vallurupalli Venkata Rama Seshadri Rao, Founder of SRGEC, has materialized his dream of serving the society by establishing an institute which imparts quality engineering education. What made me more content was my association with this institution since its inception. During its journey, many milestones were crossed and still on the road of achieving many more in the days to come. All I could say is **"A good work stands the test of time"**.

The dynamics of today's higher education has brought about a sea change in academic growth. With great pride, I say that SRGEC quickly adopts to the situations and the demands of the industry. Through alumni association activities, students are educated on the needs and expectations of industry. This institute takes every necessary step to update knowledge by introducing appropriate courses in the curriculum.

This Technolight, Volume XXI No.2 (January 2024) gives you details of several programs organized during the last six months such as State Level Student Convention, 2-Day National Level Project Envision and Tech Innovate Hackathon, Literary & Cultural Competitions, National Level Sports & Games Competitions, Alumni and College Functionaries Meet as part of Silver Jubilee Celebrations, Student Induction Program for the first year students. It also provides a wealth of information about our R&D activities, patents and publications, staff and students' achievements, conference presentations, and sports events etc. Also, covered are our regular features such as: association activities participation in academic events, FDPs, guest lectures, industrial tours, T&P activities, NSS programs and sports events.

Dr B Karuna Kumar
Principal & Editor-in-Chief



Silver Jubilee Activities

Literary and Cultural Activities

National Level Literary and Cultural competitions as a part of Silver Jubilee Celebrations were conducted during 21-22 September 2023. Competitions in Instant Drawing, Singing, Musical instruments play, performance in Mime, Mimicry and Skits in Telugu and English were conducted.

Winner of many Nandi awardees, actor and director of Telugu dramas Sri N Khajavali was the Chief Guest and Dr GVSNRV Prasad, Principal was the president of the inaugural function. Dr G S Bhaskara Rao, Professor of Mathematics and Coordinator of Literary and Cultural activities facilitated the organisation of the competitions. Ms Jayinya and her team welcomed the audience with Kuchipudi Dance. The Chief Guest emphasized the role of Literary and Cultural activities in student life for achieving their goals and presented his own experience of using Drama to overcome problems in his life. Out of 83 participated in Instant Drawing, Mr B Gandhi Naidu from KLU won the First Prize for his drawing on GLOBAL WARMING and Mr SK Naseen Ahmed from Amritha Sai Engineering College bagged the Second Prize for his drawing on HARM TO NATURE LEADS TO POLLUTION.

Fifteen participants played musical instruments, Mr K Varun from PVPSIT, Vijayawada won the First Prize for his keyboard play. Mr K Sagar from LBRCE, Mylavaram played Drums and won the Second Place. 44 students participated in Songs Competition. Ms V Nithya Sri from SRM University, Mangalagiri stood First for her CLASSICAL SONG, Ms M Naga Sahithi from SRGEC sang RAMA DASU KEERTHANA and won the Second Prize. Mr P Jagadeesh Kumar and Mr T Swamy from SRGEC won the First and the Second positions for their mime roles TRAFFIC CONSTABLE and ROLE OF FARMER.

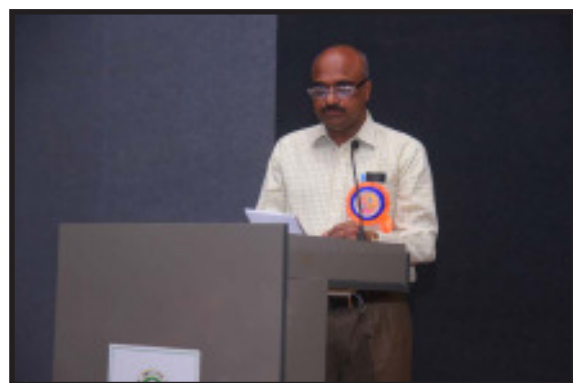
In Mono Action competition, Mr P Jagadeesh Kumar and Mr R Bhavani from SRGEC won the First and the Second places for their performances ROLE OF FARMER and RAVANASURA. Mr N Govardhan Reddy and Mr G Seshagiri Rao of SRGEC bagged the First and the Second places in Mimicry contest. The Skit ERADICATION OF CORRUPTION performed by Mr G Akhil & Team from Mylavaram earned the First Prize and the skit EMPOWERING WOMEN performed by Ms M Lakshmi & Team from SRGEC won the Second Prize.

In short films contest, Mr Ch Nagababu & Team won the First Prize and Mr M Kalyan & Team won the Second Prize.

State Level Student Convention

Celebrating 25 years of dedicated service in education, Seshadri Rao Gudlavalleru Engineering College (SRGEC) marked its Silver Jubilee with a State Level Student Convention on 11 August 2023 providing students a platform to showcase talents and engage in enriching discussions.

On 11 August, the Chief Guest of the program, Sri M Ratna Babu, Senior General Manager, BSNL, AP, Vijayawada, along with Dr B Eswara Reddy, Secretary cum Treasurer of ISTE AP Section, graced the inaugural ceremony. The State Level Student Convention began with garlanding of the portrait of late Sri Vallurupalli Venkata Rama Seshadri Rao, the father and founder of SRGEC, and was followed by lighting of the lamp. The Principal, Dr GVSNRV Prasad, delivered a welcome speech and discussed the history and achievements of SRGEC. Dr Nageswara Rao Vallurupalli addressed the gathering and announced that the Silver Jubilee Celebrations will be held throughout the year and will come to a conclusion with a grand fest in February 2024.



Dr Eswara Reddy delivering a speech



Mr Ratna Babu addressing at the inaugural ceremony

Dr B Eswara Reddy commenced his address by delving into the realm of Artificial Intelligence (AI), highlighting its rapid advancements. While acknowledging AI's significant impact on global affairs, he also underscored a crucial point: despite its prowess, AI remains a product of human ingenuity and thus cannot surpass human intelligence. He imparted valuable advice to the students, urging them to focus on enhancing their intellectuality in order to navigate and thrive in this evolving landscape. Sri M Ratna Babu addressed the audience and spoke about the evolution of the Telecom Industry.

In the Valedictory Ceremony, Dr M Kamaraju presented his closing remarks, mentioned that a total of 296 students from 10 Polytechnic

The truth is the truth even if nobody believes it, and a lie is a lie even if everybody believes it. - Fulton Sheen

institutes and 15 Engineering Colleges across Andhra Pradesh and Telangana registered to participate in the State-Level Student Convention in various competitions such as: Paper Presentation, Poster Presentation, and Quiz Competition. The theme for paper presentation was RAPID ADVANCES IN AI - A BOON OR BANE, and theme for poster presentation was E-WASTE MANAGEMENT, SMART VILLAGE/SMART CITY VILLAGES, AI ROLE IN ENGINEERING EDUCATION, AND HEALTH AND WELLNESS. The quiz competition included Current affairs and General technical issues. The distinguished Jury conducted a thorough evaluation of all submissions, meticulously selecting the top three winners within each category. Each winner was honored with a cash prize: Rs. 5000 for the First-Place recipient, Rs. 3000 for the Second-Place achiever, and Rs. 2000 for the Third-Place contender, in addition to receiving Certificates of Proficiency as a testament to their exceptional achievements.

ISTE Awards Function

On 12 August 2023, SRGEC hosted the distinguished ISTE Awards Function, recognizing excellence in technical education. The ISTE Awards day commenced with a cordial welcome from Dr GVSNRV Prasad, the principal of SRGEC. In the morning session, Dr Prasad extended his greetings to the participants, SRGEC faculty, members of the AANM and VVRSR educational society, and esteemed ISTE members. Following the welcome address, Dr P Ravindra Babu, National Executive Member of ISTE from New Delhi, provided a comprehensive overview of ISTE. He elaborated on the organization's functionality, its growth trajectory, and the myriad advantages of ISTE membership. Dr Babu also highlighted the significance of journal publications within the ISTE framework.

A convention lecture on pattern recognition by Dr Eswar Reddy delved into topics such as image segmentation, fusion, morphing, pixel count estimation, entropy calculations, and performance metrics associated with pattern recognition. Dr Lal Kishore K, Former Vice Chancellor of JNTUA, contributed insights on professional ethics and the teacher-student relationship.

The afternoon session featured Prof. Pratap Sinh Kakaso Desai and Prof. K Hema Chandra Reddy as Special Guest and Chief Guest, respectively, for the awards function. Prof. Lal Kishore, Prof. K V Subba Rao, Prof. G Ranga Janardhna, and Dr P Ravindra Babu were among the distinguished guests.



Dr. Nageswara Rao Vallurupalli addressing the gathering

of SRGEC faculty to the Institution of Engineers. He emphasized the importance for educators to harness AI tools such as ChatGPT alongside other resources, advocating for their integration to enhance teaching methodologies.

Special Guest and ISTE President Prof. Pratap Sinh Kakaso Desai praised SRGEC's lush campus and lauded founder Sri. Vallurupalli Venkata Rama Seshadri Rao for establishing the institution in a remote area. Dr Burra Karuna Kumar, Director AS&A, received the Best Mechanical Engineering Teacher award. Dr P Ravindra Babu sponsored



Prof. K Hema Chandra Reddy addressing the gathering

Dr Nageswara Rao Vallurupalli, Chairman of SRGEC, in his welcome address, expressed contentment for hosting the ISTE State-Level Convention and Awards Function. The Secretary cum Treasurer, ISTE AP Section Prof. B Eswara Reddy expressed his gratitude on behalf of ISTE for hosting this event in SRGEC. He highlighted that the total student membership in ISTE stands at approximately 500,000. Additionally, he emphasized ISTE's commitment to recognizing excellence by annually distributing awards sponsored by various organizations and socially responsible individuals. Furthermore, he underscored ISTE's notable achievements and ongoing development initiatives. Prof. K Venkata Subbaiah, VC of JNTU-GV Vizianagaram, acknowledged the contributions



Dr. B Karuna Kumar receiving the ISTE award

one lakh rupees in the form of a cheque to institute an award in the name of his parents and handed over the cheque to Chairman, ISTE AP Section, and President, ISTE, New Delhi.

The awards ceremony recognized the outstanding contributions of eminent people in various fields of engineering education. The Chief Guest, Guests of Honor, Special Guest, and ISTE State Council members were felicitated by the college officials. Prof. GVSNRV Prasad, the Principal of SRGEC, proposed vote of thanks and the event concluded with rendition of the National Anthem.

Two-Day National Level Project Envision and Tech Innovate Hackathon



Mr Sambireddy speaking at the Hackathon

As part of the Silver Jubilee Phase-II Celebrations, Seshadri Rao Gudlavalleru Engineering College, hosted a two-day National Level Project Envision and Tech Innovate Hackathon from 30 to 31 October 2023. Mr Sambireddy, Director of Efftronics (Retd. G.M.Railways), Mangalagiri, Andhra Pradesh, India, graced the occasion as the Chief Guest.

In his speech, Mr Sambireddy motivated the audience to participate in activities fostering novelty and innovation in the fields of Engineering and Technology. He highlighted the potential for further enhancement in the quality of railway tracking systems, railway signaling, and railway traffic control, with the aim of reducing accidents.

The coordinator of the event Dr M Kamaraju, informed that, as part of National Level Project Envision and Tech Innovate Hackathon, students from various colleges participated in the events such as: Project Model Exhibition, Roborace, Autonomous Vehicle Competition, and Drone Application Competition.

Dr GVSNRV Prasad, emphasized that the hackathon focused on areas such as Artificial Intelligence-based IoT applications, smart city development, smart villages, security surveillance, green energy, and industrial automation. A total of 530 students attended the event, with Mr Madhu Vadlamani, Senior Technical Manager at Miracle Software Systems Pvt. Ltd., Hyderabad, was the Chief Guest for the valedictory session of this two-day event.

A two-member jury, comprising Mr Madhu Vadlamani and Mr Arvapalli Bharadwaj, co-founder of AB Tech Ville LLP, Hyderabad, evaluated and assessed the technical and technological quality of the projects. The First Prize was awarded to an intercollegiate team from Lakireddy Bali Reddy Engineering College, Mylavaram, MIC College of Engineering Kanchikacharla, PVPSIT Vijayawada, V.K.R., V.N.B.&A.G.K. College of Engineering, Gudivada, and the host college SRGEC, Gudlavalleru, for the project titled HEALCRYPTO, THE FUTURE OF HEALTHCARE. The Second Prize was won by Kongu Engineering College, Tamil Nadu, for the project entitled AI-POWERED SMART E.B. METER, while the Third Prize was secured by the host college SRGEC, Gudlavalleru, for the project titled AUTOMATION OF OXYGEN AERATORS IN PRAWN PONDS. Consolation Prizes were given to Ramachandra Engineering College, Eluru, SRGEC, Gudlavalleru, and CMR Engineering College, Hyderabad.



Mr Madhu Vadlamani at the valedictory session



Prize distribution ceremony

As a gesture of appreciation and encouragement, cash prizes of Rs. 14,000, Rs. 12,000, and Rs. 10,000 were awarded to the winners of the First, Second, and Third Places in the hackathon, respectively. Certificates and cash prizes of Rs. 8,000, Rs. 6,000, and Rs. 4,000 were presented to the winners of the National Level Project Envision. The valedictory function concluded with entertaining cultural programs performed by the students of SRGEC, Gudlavalleru.

Principal Dr GVSNRV Prasad, Dr M R Ch Sastry, Vice Principal Academics, Dr P Kodanda Ramarao, Vice Principal Administration, Dr P Ravindra Babu, Advisor to the Management, Dr B Karuna Kumar, Director (AS&A), along with professors, teaching and non-teaching staff, attended the event.

ALUMNI AND COLLEGE FUNCTIONARIES MEET **(Pre-Silver Jubilee Celebrations)**

As part of the Pre-Silver Jubilee Celebrations of Seshadri Rao Gudlavalleru Engineering College, an Alumni and College Functionaries Meet was organized on 28 October 2023, at Hotel Daspalla, Hyderabad. The event was attended by members of the SRGEC Silver Jubilee Committee, college functionaries, and a total of 140 alumni along with 23 spouses/children. The program was organized by Mr G Balaji, Advisor, AAGEC, and Mr D Mahesh, President, AAGEC. Alumni started arriving from 10:00 AM onwards and were greeted at the registration desk by college functionaries and executive members of AAGEC. The meeting commenced at 11:00 AM with Mr G Balaji welcoming the alumni members. Dr GVSNRV Prasad, Principal of SRGEC, introduced the college functionaries to the alumni, while Mr D Mahesh introduced the present executive body members to the alumni.

The discussion on the agenda point “Alumni Activities to be planned on the occasion of Silver Jubilee Celebrations from 16 to 18 February 2024” was initiated by Dr Nageswara Rao Vallurupalli, Executive Chairman of the Promoter Society. He elaborated on the progression of the Alumni Association of Gudlavalleru Engineering College since 2003 and urged the alumni for their active participation during the silver jubilee celebrations. Dr Vallurupalli suggested that alumni conduct local meets to convey this message and update developments back to AAGEC. He also encouraged lady alumni to step forward to be part of the Silver Jubilee Committee and take responsibility for corresponding with other lady alumni.

Principal Dr Prasad delivered a speech, emphasizing the importance of alumni and their potential contributions to the college. He explained the management’s eagerness to promote alumni activities and encouraged alumni to participate in college activities. Mr G Balaji and Mr D Mahesh urged alumni to register on the AAGEC website and app, and to update their profile details whenever there are changes in their career. Active participation from alumni ensured that the meeting concluded with a list of suggestions and action items for the alumni committee to work on. Suggestions from alumni have been noted and assured to be acted upon. The resolutions of this meeting are as follows:

- ✿ Alumni expressed interest in contributing donations, with some alumni already announcing their contributions during the meeting. It is proposed to establish a permanent bank account to facilitate these donations, which will also benefit future fundraising events. A QR code will be created and made available on the Mobile App, Website, and College premises to streamline the donation process.
- ✿ Alumni discussed various events to be conducted on the day of alumni activities during the Silver Jubilee Celebrations. Key sessions such as Mentorship Session, Launching Student Adoption Program, Ask Me Sessions, and Networking Session were identified.
- ✿ Alumni discussed the need for a detailed schedule and decided to design a QR code system for easy access to event details by scanning, benefiting both students and alumni.
- ✿ Alumni discussed implementing a dress code to help recognize alumni during the event.
- ✿ QR codes for alumni registration on the AAGEC Website and APP can be placed in various points on the college premises to enhance alumni enrollment during the Silver Jubilee Celebrations.
- ✿ It was decided by alumni to request the college management to relocate the Alumni Association room from the Amenities block to the Main Block / New Block before the Silver Jubilee Celebrations for better accessibility and utilization.

The meeting concluded with closing remarks by the Chairman, Dr Nageswara Rao Vallurupalli. As the event concluded, attendees joined for lunch, fostering further discussions, chit-chats, memoirs, and introductions. With heavy hearts and cherished memories, attendees parted ways, hoping to meet again soon. Overall, it was a memorable day with each participant’s moments etched deeply in memory.



Silver Jubilee Committee Members



Mr D Mahesh, President AAGEC summarizing the resolutions taken during the meet

Beauty is truth’s smile when she beholds her own face in a perfect mirror. - Rabindranath Tagore

A National Level Inter - Engineering Collegiate Tournament:

On the eve of Silver Jubilee Activities, college took the pride of organizing a National Level Inter Engineering Collegiate Tournament Men and Women has been organized from 18 to 20 November 2023. Dr P Kodanda Rama Rao, Vice Principal –Administration coordinated the tournament. About 1800 students participated in games and athletics in various events of Volleyball, Kabaddi, Tennis, Basketball, Kho-Kho, Rope skipping, Table Tennis tournaments and Athletics (men & women).

Sri G V G Ashok Kumar, IPS, DIG, Eluru range inaugurated the tournament as Chief Guest. International Table Tennis Player, Dr Naina Jaiswal added glory to the function as Guest of Honor and motivated everyone with her spellbound speech.

Chief Guest of the Valedictory Function is Sri P Joshua, IPS, SP, Krishna Dt. and Guest of Honour is Ms Jyothi Yarraji (International Athlete).



Guests at the inaugural sports



Dr Naina Jaiswal addressing the gathering

Performers in the tournament:

- ✿ Table Tennis (Women – Single) - Winner - GNITS, Hyd and Runner-up - GNITS, Hyd
- ✿ Table Tennis (Women –Team) -Winner - GNITS, Hyd and Runner-up - SRGEC
- ✿ Tennis (Women –Single) - Winner - KLU, Hyd and Runner-up - GNITS,Hyd
- ✿ Table Tennis (Women –Double) - Winner - GNITS, Hyd and Runner-up - KLU & SRGEC
- ✿ Volleyball (Women) - Winner - SRGEC and Runner-up - SRM, AP
- ✿ Basketball (Women) - Winner - VNR VJIET, Hyd and Runner-up - SRM, AP
- ✿ Kabaddi (Women) - Winner - SRGEC and Runner-up - Vignan University, Guntur
- ✿ Kho-Kho (Women) - Winner - GNITS, Hyd and Runner-up - SRGEC
- ✿ Table Tennis (Men – Single) - Winner - SRM, AP and Runner-up - VIT, AP
- ✿ Table Tennis (Men – Team) - Winner - VIT, AP and Runner-up - SVEC, Tadepalligudem
- ✿ Tennis (Men – Single) - Winner - KLU and Runner-up - SRM, AP.
- ✿ Tennis (Men – Double) - Winner - KLU and Runner-up - VIT, AP.
- ✿ Volleyball (Men) - Winner - ST.ANN's and Runner-up - Vignan University, Guntur
- ✿ Basketball (Men) - Winner - VNR VJIET and Runner-up - VIT, AP
- ✿ Kabaddi (Men) - Winner - Chirala Eng College and Runner-up - Vignan Lara, Guntur.
- ✿ Kho-Kho (Men) - Winner - SRGEC and Runner-up - KLU, Vaddeswaram.

Performers from SRGEC in the tournament:

- ✿ I Vasudha (20481A0357), M K Rajitha (20481A12C3), K Anitha (21481A6028), K Pujitha (21481A04C8), T Meghana (22485A0523), K Uma Maheswari (215A050848), M Nisha (21481A04D3), G V S Jyoshnavi (22481A0576), Sk N Chandini (22481A04M0) are the WINNERS in Kabaddi (W).
- ✿ Ch Sushma (20481A1227), K Anitha (21481A6028), K Pujitha (21481A04C8), T Meghana (22485A0523), K Uma Maheswari (21485A0548), J Sri Vani (22481A0585), J Rohitha (22481A1271), N Naga Durga (21485A0226), K Lakshmi (22485A0420), D Ramya (22485A0110), K Hepsibha, I B.Tech, K Sindhu, I B.Tech are the WINNERS in Volleyball(W).
- ✿ J K V S Reddy (20481A5423), T S Srinivas (20481A0188), N Yesubabu (20481A0163), Sd Baji (20481A0187), P Naga Srihari (20481A0169), M Pavan kumar (20481A12B4), L Naveen kumar (22481E0028), T Venkateswara

Three things cannot be long hidden: the sun, the moon, and the truth. - Buddha

rao (21481A0165), V Ashok Babu (21481A04N5), S Chandu (20481A0279), U Venkatesh (22481A54B6), N Sohit kumar (22481A12P5), A Ram Nithin Reddy (22481A4206), M Sekhar babu (22481A6060), P Vamsi ram (23485A0152) and T Nikhitha (21481A12F)1, G Hari priya (21481A1240), V Srinija (21481A12G5), V Manasa (21481A12B6), V Grace vijaya (21481A05O4), J Rohitha (22481A1271), Sk N. Chandini (22481A04M0), Ch. Mounika (22481A0541), G Lakshmi prasanna (22481A0559), B Meghana (22481A0423), P Kavya (23481A04G1), B Maneesha (23481A6013), K Vaishnavi (23481A05C9), K Lavanya (23481A60B5), K Navya (23481A0590) are the WINNERS in Kho-Kho(Men & Women).

- ✿ G Harshitha Devi 21481A0581, A H Sankeerthana (21481A6001), P Harshitha (21481A0269), Sk M G Parvin (21481a12D7), B Saranya (22481A0544) are the WINNERS in Table Tennis(W).
- ✿ N Yesubabu (20481A0163), Sd Baji (20481A0187), P Naga Srihari (20481A0169), SK Imran Nazeer (20481A0279), K Uma Maheswari (21485A0548), T Nikhitha (21481A12F1), V Manasa (21481A12B6), K Navya (23481A0590), V Grace vijaya (21481A05O4), K Vaishnavi (23481A05C9, K Greeshma sri (23481A05D1), G Rupavathi (2348110568) are the WINNERS in Rope Skipping, Double touch Speed Relay (Men & Women).
- ✿ V Grace Vijaya (21481A05O4) received gold medal in 1500mts.
- ✿ T Nikhitha (21481A12F1) received Silver medal in 1500mts.
- ✿ K Uma Maheswari (21485A0548) received Silver medal in Triple Jump.
- ✿ I Vasudha (20481A0357) received Bronze medal in Triple Jump.
- ✿ K Pujitha (21481A04C8) received Gold medal in Shotput.
- ✿ K Anitha (21481A6028) received Silver medal in Shotput.
- ✿ K Anitha (21481A6028) received Gold medal in Dicuss throw.
- ✿ K Vijay Varma (23485A0134) received Bronze Medal in 1500mts.
- ✿ T Venkateswara rao (21481A0165) received Bronze Medal in Triple Jump.
- ✿ M Ragavendra Rao III-B.Tech received Bronze Medal in Shotput.
- ✿ M Ragavendra Rao III-B.Tech received Gold medal in Dicuss throw.
- ✿ J K V S Reddy (20481A5423), N Yesubabu (20481A0163), T Venkateswara Rao (21481A0165), B Pandu III B.Tech are received Silver medal in 4X100mts Relay.



SRGEC VS SRM-AP



MIC, Kanchikacherla vs BEC, Bapatla



Guests at the Valedictory Ceremony



Winners of Women's Basketball

There is nothing so kingly as kindness, and nothing so royal as truth. - Alice Cary

Research Center Recognition

Electrical and Electronics Engineering

- JNTUK, Kakinada-Research Center Inspection Committee conducted an online department inspection on 24 November 2023 in order to recognize and renew the research center.

Mechanical Engineering

- JNTUK, Kakinada-Research Center Inspection Committee inspected department through online mode for Recognition and Renewal of Research Centre on 23 November 2023

Electronics and Communication Engineering

- For Research Center Recognition renewal under JNTUK, Kakinada, inspection team constituting Prof. N Balaji, Professor of ECE, University College of Engineering, JNT University, Kakinada and Prof. U V Ratna Kumari, Professor of ECE, University College of Engineering, JNT University, Kakinada inspected various eligibility criteria in the department on 25 November 2023.

Computer Science and Engineering

- JNTUK, Kakinada recognized Department of CSE of SRGEC as the “**Research Centre**” for the Academic Years 2023-24 and 2024-25.

Velugu Bata (Towards Light) – A DST Sponsored Project

Igniting Innovation: Three-Day STEM Extravaganza Inspires Young Minds Students

In an era where science, technology, engineering, and mathematics (STEM) are the driving forces behind progress, fostering a passion for these disciplines among young minds is crucial. A recent three-day STEM project, organized for school students, aimed to do the same by providing a platform for budding scientists and engineers to explore, learn, and innovate.



Imparting training to students in different schools

Event Overview: The STEM project, held from 16 to 18 November 2023, brought together students from ZPHS, Penjendra, SERM Gudlavalleru and AANM & VVRSR Gudlavalleru English Medium Schools for an immersive experience in the world of STEM. The event was meticulously planned, incorporating a variety of hands-on activities, workshops, and interactive sessions to engage participants.

Guest Speakers: Dr D S N Sastry, Retired Principal, A J K, Machilipatnam, Dr T Surya Narayana, Ganitha Avadhani, School Assistant, Amalapuram, Dr T Narendra, Professor of Physics, Mr S G Srinivas, National level promoter of Science learning among High School Students. Dr P S Brahmanandam, Professor, SVCEW, Bhimavaram, and Dr M R Ch Sastry Vice-Principal Academics, SRGEC. The resource persons not only provided career guidance but also shared the real-world applications of STEM concepts, inspiring students to pursue their passions.

STEM Fair: On the final day, a STEM fair was organized where students displayed their projects and innovations. parents, teachers, and peers had the chance to witness the incredible ideas and solutions developed by the young participants, creating a sense of pride and accomplishment.

Impact and Feedback: The impact of the three-day STEM project was evident in the enthusiasm and passion displayed by the participating students. Many expressed newfound interests in STEM fields and a greater understanding of the practical applications of their classroom learning.

Feedback from both students and educators highlighted the success of the event in igniting curiosity and fostering a love for STEM. Teachers appreciated the event’s contribution to enhancing students’ understanding of complex concepts through interactive and engaging activities.

Conclusion: The three-day STEM project proved to be a resounding success, providing a dynamic platform for students to delve into the fascinating world of science, technology, engineering, and mathematics. As we look to the future, initiatives like these are essential in nurturing the next generation of innovators and problem solvers who will shape the landscape of tomorrow’s technological advancements.

Student Induction Programme

Student Induction Programme (SIP) - 31 August 2023

A Student Induction Programme (SIP), according to All India Council for Technical Education (AICTE) norms, was conducted for the academic year 2023-24 in Seshadri Rao Gudlavalleru Engineering College for I.B.Tech. students on 31 August 2023. The purpose of this programme is to bring awareness among the students about their chosen B.Tech. courses and to help the new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.

Dr GVSNRV Prasad, Principal, congratulated the first year students for securing admission into one of the prestigious colleges in Andhra Pradesh. After introducing the members of college administration and Heads of the departments to the gathering, he began his speech by commemorating the vision of beloved founders of the society, Sri A Aswartha Narayana Murthy and Sri V Venkata Rama Seshadri Rao. He gave a bird's-eye view on the institutions' best practices, facilities and resources available. He said that highly qualified and well experienced faculty is the biggest asset of the institution. He insisted the students to make use of all the resources available such as library, digital library, computer centre, sports and games, training and placement cell, innovation facilities, collaboration with different industries and global certifications along with computing facilities with advanced software. He urged the students to conduct themselves with proper etiquette to have a conducive learning environment on the campus. He instilled confidence in the young minds that the campus is 'ragging free' by saying that not one case of ragging has been registered so far. Finally, he spoke about academic regulations that have to be followed by the students. Dr P Ravindra Babu, Advisor to the management, Dr B Karuna Kumar, Director (AS&A), Vice-Principals, HoDs and Coordinators were present at the inauguration of the SIP.



Dr GVSNRV Prasad delivering a message

“Live in the present and focus on your goals” says Sri Phalguna Dasa (ISKCON)

In the afternoon of 31 August 2023, a talk on “Focus” was delivered by Sri Phalguna Dasa (ISKCON). He elucidated with several examples to emphasize the need of focusing on one's short term and long term goals. His talk was mainly on the five principles of focusing on a goal, they are: 1. Focus on the solution 2. Think positively 3. Set your goals 4. Do one thing at a time 5. Do meditation.



Sri Phalguna Dasa motivating students

Life would be better if one would focus on the present rather than regret for what has not been happened in the past. Further, he added that the impact of thinking positively in students is very much essential for personal and professional growth. Having a 'Broad mind' is the order of the day; a person who always blames others would soon get into negative frame of mind. Students should exercise having positive mind and positive thoughts as positive mind negates many problems that come across in life. He quoted the lives of eminent personalities such as APJ Abdul Kalam, Albert Einstein and their goals and paths of achieving them. He interacted

with students by asking questions, setting small tasks and made the session engaging and entertaining.

A talk on “The Beauty of Sanskrit” by Dr U V Ramana Murthy

All the newly admitted first-year engineering students were given the opportunity to attend a riveting lecture on “The Beauty of Sanskrit” in SIP 2023 at SR Gudlavalleru Engineering College on 01 September 2023. Dr U V Ramana Murthy, a Sanskrit lecturer and member of the MHRD, Government of India's Rashtriya Samskrita Parishad (Central Samskrit Board), gave the talk. The event was filled with exciting explorations of the profound beauty and importance of Sanskrit language for the audience.

Dr U V Ramana Murthy began his talk by highlighting the linguistic richness of Sanskrit. He explained how Sanskrit is often called the “Mother of all Languages” due to its highly structured grammar, precision in pronunciation, and extensive

vocabulary. The speaker also highlighted the timeless versatility of Sanskrit. He said that despite its ancient origins, Sanskrit has continuously evolved and adapted to various forms, including classical, Vedic, and modern Sanskrit. Dr Murthy explained how it is the foundation for many Indian languages. He also shared his happiness for the efforts being made to preserve and revive Sanskrit in contemporary times to ensure that the beauty of Sanskrit continues to be appreciated and understood by future generations.

Next, Dr Murthy also sang a few Telugu hit songs in Sanskrit to drive the students' attention and present his talk in a student-friendly manner. He quoted real-time examples to make the students not only realize the significance of Sanskrit but also understand the difference between Sanskrit and other Indian languages. He mentioned some of the writers who contributed a lot in spreading Sanskrit language. He also quoted a few quotations towards the end of his talk, such as, 'If Telugu language is the mother, Sanskrit language is the Grandmother', 'Not failure, but low aim, is crime'; 'Students' progress is nation's progress' and so on.

In conclusion, Dr Murthy provided an attention-grabbing journey into the depths of this ancient language. The students were left with a deeper appreciation for this remarkable language. The session was concluded with felicitation to Dr U V Ramana Murthy by the Principal Dr GVSNRV Prasad, Vice Principal of Administration Dr P Kodanda Rama Rao, Vice Principal Academics Dr M R Ch Sastry and Dr L Ravi Srinivas, the SIP coordinator.

“One who Uses Time and Mind will become a Leader” says Mr Gampa Nageswara Rao

On the third day of SIP (Students Induction Program) program, motivational speaker Sri Gampa Nageswara Rao put across the importance of goal setting and time management in one's life. He advised the students to set their goals in the first year itself rather than after studies. He also urged the students to have clarity about what they want to become in their lives. Students were asked to manage time in order to reach their goals. He suggested them to follow the formula of '789' - 7 hours sleep, 8 hours study, 9 hours entertainment.



Mr Gampa Nageswara Rao motivating the students

Speaking about the students in general, Mr Gampa Nageswara Rao said that they are wasting their time by using mobile phones and told them that technology should not use them but they should use technology for their growth. He also said that one who uses time and mind effectively will become a leader. "One who fails to utilize time and mind effectively may become a labour", he added.

Mr Gampa Nageswara Rao advised the students to avoid bad habits such as fear, postponement and negative thoughts and asked them to develop good habits. He said that bad habits may lead their lives into darkness and spoil their lives. He also gave some tips to face examinations. He asked students not to prepare just before examinations and told that long preparation will bring fruitful results. He suggested them to understand the concepts rather than cramming for examinations. He directed them not prepare for marks but prepare for knowledge. He told that positive mindset and fearlessness will bring good result in examinations and interviews. Mr Nageswara Rao also emphasized the importance of communication skills. He said that students who have good communication skills will get jobs in campus interviews easily. He exhorted the students saying that they need to face the problems with a smiling face and said that no problem is permanent. He said that one should not worry about insult, criticism, laughter, opposition to reach goal. "In the process of reaching goal, one may face insult, criticism, laughter, opposition. If you are stuck with these, you may not go ahead in your life", he quipped.

The activities that Mr Gampa Nageswara Rao conducted while giving motivational speech attracted students a lot. His speech enthralled students and imparted motivation to students. After the programme, the principal of the college, Dr GVSNRV Prasad felicitated Mr Gampa Nageswara Rao. Other college officials and administrators also joined the felicitation.



Dr UV Ramana Murthy interacting with students

“Yoga and Human Values are the need of the hour” says Sri Raghu Guruji

Sri Raghu Guruji who was invited to SR Gudlavalleru Engineering College to interact with students and tell them the importance of Yoga and Human Values, says that Yoga must be a regular routine and Human Values must be the integral part of life. Yoga as a practice has innumerable benefits that positively affect an individual both physically and mentally says Sri Raghu Guruji. The present generation of students needs to know about Indian traditions, heritage, and culture. Yoga improves your blood circulation. This means better transportation of oxygen and nutrients throughout the body. Improved blood flow also indicates healthier organs and glowing skin. Yoga teaches how to control and how to balance. With regular practice, your body will automatically assume the right stance. You will look both confident and healthy. When we are on our yoga mat, you focus on the practice. This means that all your focus is concentrated on the matter at hand, and your mind slowly drains out the stress and troubles that are plaguing it. He said Yoga improves oxygenation in the body and also lowers the heart rate. This results in higher cardiovascular endurance. The internal organs are massaged when we practice yoga, thereby increasing resistance against diseases.



Sri Raghu Guruji interacting with the students

Also, once you are attuned to your body, after years of practice, you will be able to tell instantly if your body doesn't function properly. Practicing yoga on daily basis will help us to become aware of our own body. You will begin to make subtle movements in order to enhance your alignment. With time, yoga helps us to become comfortable in your own skin. He also said about human values that they are basic human values refer to those values which are at the core of being human. The values which are considered basic inherent values in humans include truth, honesty, loyalty, love, peace, etc. because they bring out the fundamental goodness of human beings and society at large. Human values are integral part of one's personality and affects employability quotient. Many employers are inclined to hire those who have better human values. The importance of human values is that it provides an understanding of what people find to be important in their lives. There are many different aspects of human values. For example, integrity, morality, and benevolence are all aspects of human values. It's indeed a heart-warming experience for the students as they could learn a handful of life lessons.

“Update yourself as per industry requirements and thrive in your career, says” the TPO

In the afternoon session of SIP programme, Mr M N Hari Krishna, Training & Placement Officer of Seshadri Rao Gudlavalleru Engineering College addressed the students. In his address, he spoke about the placements, the faculty members who handle classes and internship opportunities available.

While talking about placement details and track of the college, he said that every year around 90% students are placed in various companies. So far, the highest package received by the students is 30 lacks per annum and minimum package is 3 lakhs per annum. He also said that companies such as Google, TCS, Infosys, Wipro, Tech Mahindra, Virtusa, Amazon, HCL, Infotech and so on visit the college regularly and select the students after completing the selection process. The TPO said that his strong conviction for more number of students delivering goods and getting offer letters is that they could have the right impart of knowledge, preparation for the placements and excellent guidance from Training and Placement Cell. He also added that the college provides internship opportunities for the students. Through these internships, the students get hands-on experience in terms of the real outside world. Towards the end of the session, the TPO advised the students to update their knowledge from time to time as per the requirement of the industry so that they can thrive in their future endeavours. As the session was informative and engaging, the students listened to the TPO with rapt attention.

Chiru Divvelu: Interaction of various self-employed with students

An Interaction with various self-employed people was arranged with students as part of Student Induction Programme 2023 on 7 September 2023. Dr V Naveen Kumar, Sr Grade Asst Professor presided over the session. He introduced all the self-employed people and their field of work. There were people such as Mr GV Venkata Prasad, Mr Nagaraju, Ms



Mr MN Hari Krishna speaking about placements

Sweatha, Mr Sk Shukoor, Ms Sitamma, Mr Murali, Ms Rajyya Lakshmi, Mr Srinivas, GEC old student and Ms Vijaya Lakshmi. The purpose of the session was to enlighten the students to be aware of skills needed to establish Small Scale Industries. Also, the concept of dignity of labour should seep into young minds.



Entrepreneurs sharing their experiences

Most of them shared their life challenging experiences about the reason behind beginning a business and the twists and turns followed on the road of success. All of them expressed a common point that in order to establish a successful business, skills such as, patience, hope and determination are needed. They are like three weapons that could deliver goods.

While addressing the students, Mr Venkata Prasad from Koduru said that, being an MBA graduate, he initially started his life as a PRO and later became a sales person. He was not content with it, and then he took an audacious step to launch a wood and steel enterprise. There were many ups and downs in the field but he suggested that one can easily overcome difficulties by sheer perseverance.

Secondly, Mr Nagaraju spoke on welding industry and how to make iron gates. He emphasized the need of taking accurate measurements while making iron gates. Later, Ms Sweetha told about their journey in bricks and tiles factory. She said that during COVID 19, they had faced a severe testing time, sustaining in the field. Paying wages to the workers was very hard at that time. She urged that labourers should be treated with dignity and they should not be looked down. People should develop respect for such people.

Next, Sk Shukoor spoke on making cement windows and racks, Ms Sitamma on Bamboo works, Mr Murali on motor wiring, Ms Rajyya lakshimi on wiring baskets and Mr Dattam Srinivasrao on making tractor trucks respectively. The story behind the launch of the oxygen plant by one of the Alumni of SRGEC brought tears to everyone's eyes.

The session was concluded with felicitation to the different self employed people by Dr P Kodanda Rama Rao (Vice Principal, Administration), Dr M R Ch Sastry (Vice Principal, Academics) and Dr L Ravi Srinivas, the SIP coordinator.

A talk on Gender Sensitization

Ms Nalini Goteti, a psychologist and life skills trainer, delivered a talk on 'Gender Sensitization' in the SIP program on 07 September 2023. It was an interactive and ebullient session that the resource person kept on quizzing students on several aspects of Gender Discrimination where women are still treated as inferior gender. She brought real life situations while treating women or men at home, school/college, workplace etc., and asked students to reflect whether they are true in their cases. She expressed different forms of gender bias. Some of them that are visible in the society are difference in wages or salary of men and women, most of the time school textbooks show pictures of women doing household chores, women should have long hair and men should have short hair, women are emotional and men are rational, boys and men should not cry and so on.

Even in the 21 century, she lamented over the marks of gender domination that is still prevailing in our society though advanced in many sectors. Gender Sensitization is the need of the hour. With the changing times and changing gender roles, it is important to spread awareness about gender



Ms Nalini talking about gender discrimination

issues and take effective steps to create an enabling environment that is considerate towards the sentiments and choices of all human beings. Breaking gender stereotypes will help both men and women to live a dignified life. Gender inequalities are learned from a young age and that too at various levels i.e. at school, home/family, community etc. Therefore, gender sensitization cannot take place in a day and is a long term process, which requires consistent efforts. Education can play an important role in gender sensitization. She urged all the students to develop mutual respect and empathy towards the opposite gender

A talk on “Provoking Thoughts and Innovation”

Mr Kishore Gaikwad, a renowned motivational speaker addressed the newly joined students of Seshadri Rao Gudlavalluru Engineering College on ‘Provoking Thoughts and Innovation’ on 08 September 2023. He always believes that generating fresh ideas and exploring new possibilities in the world of entrepreneurship and innovation is the key to the success of any individual. In his talk, he explained the distinction between industry and business. He commented that innovation comes from problems and hence one shouldn’t run away from problems. He played several audio and video clippings to show how technology diminishes employment and how to combat it. He stressed the importance of drone technology design, productivity and marketing as they stand among the recent technological innovations. He also emphasized artificial intelligence, and how robots emerged in human activities. In addition to that he presented a sub-topic on computer-based 3D printing and its advanced technology. He acknowledged all the innovations to knowledge base enterprises like Amazon, Instagram, reels in YouTube, Facebook, etc.,



Mr Kishore Gaikwad addressing the students

He spoke about the big challenges in front of us because digital technology is going to play a prominent role in jobs. Therefore, he advised students not to think that the world’s future would be scary. He explained in detail, how to start thinking innovatively on various aspects such as, design thinking, thinking about the man’s needs, defining and deciding the problems worth solving, ideas generation and observing the innovation around the world. Later, he uncovered how technological advancements can revolutionize conventional sectors and brainstormed how these disruptions could reshape the landscape. Tackling global challenges through entrepreneurship is a compelling approach, he added. It encourages us to develop business ideas that not only generate profits but also contribute to solving pressing environmental or social issues.

He concluded, Embrace the journey of ideation and let the power of innovation prompts shape your entrepreneurial endeavours with fresh perspectives and transformative concepts.

Ethics, Morals and Values

A captivating talk on ethics, morals and values was delivered by Mr M V G Anjaneyulu during the SIP program on 08 September 2023. Mr Anjaneyulu emphasized that ethics and morals constitute the foundation of our value system. To kick off the session, he sang a few parody songs in Sanskrit, highlighting the importance of respecting women in society. Throughout his discourse, he delved into the virtues of discipline, determination, and obsession.

Addressing the student body, Mr Anjaneyulu urged them to hold their teachers in high regard, underscoring that respect for educators facilitates effective learning. He advocated for the study of foreign languages, citing the competitive advantage they offer in career opportunities, improved communication skills, enhanced listening abilities, and memory retention. Simultaneously, he emphasized the significance of preserving and nurturing one’s mother tongue.

Mr Anjaneyulu also drew attention to the pitfalls of technology misuse and its contemporary implications, and discussed the role of religion in students’ lives. He stressed the importance of concentration in academic pursuits, advising students to harness their sense organs to regulate their thoughts and emotions.

Furthermore, he highlighted the influence of social media on youth and cautioned against the erosion of cultural values due to the impact of Western culture. Mr Anjaneyulu encouraged parents to nurture and guide their children, sharing anecdotes to elucidate the importance of education.

He concluded by encouraging students to forge meaningful friendships and relish the beauty of student life. Mr Anjaneyulu underscored the pivotal role of decision-making, particularly at the age of 17, leaving the audience with a thought-provoking quotation: “Don’t think about beauty, think about duty, it makes your life beautiful.”

ELT CENTRE'S ACTIVITIES

Microteaching workshop

The ELT Centre organized a workshop on 'Enhancing Pedagogical Skills through Video-Mediated Reflective Microteaching' (VMRMT) from 25 April to 19 September 2023. It was the fourth workshop in the VMRMT series of the Centre; the earlier workshops were held in 2018, 2019 and 2020. The workshop was inaugurated by Dr GVSNRV Prasad, the then Principal, on 25 April 2023.

During this 5-month-long period, some of the work was done in the workshop venue and some outside. Here is an outline of the course the workshop took. After inputs from the workshop facilitator, Dr Ramanujam Parthasarathy, each teacher prepared a microlesson under the guidance of a mentor. He taught the lesson and received feedback on it from his mentor and the supervisor. Later, the teacher watched the video-recorded microlesson several times outside the workshop in the company of a critical friend. This was followed by all the teachers watching the microlesson together, with the teacher making a presentation on his self-feedback. The self-feedback was insightful because it had been preceded by a multi-layered process consisting of the teacher watching the lesson on video several times and reflecting on the feedback received from different teachers, including this supervisor. The teacher also posted on his CPD blog the link to his video-lesson available on the Centre's YouTube channel as well as his self-feedback and his action plan for improvement. In the future, at regular intervals, as decided at the workshop, the teacher will watch all his micro-lessons and reflect on the improvements that have taken place in his teaching and what he must do to improve his teaching further. Reflection thus plays a strong role in all the programmes of this ELT Centre, whether the programmes are meant for the teachers or the students.

At the valedictory ceremony held on 19 September 2023, the Principal presented the participants with certificates.

Awards Ceremony for FDP WC Batch 4

On 10 August 2023, an awards ceremony was held for the faculty members who had successfully completed the Written Communication (WC) programme in Batch 4. Mr M Ratna Babu, Senior General Manager, BSNL, and Prof. B Eswara Reddy, Director R&D, JNTUA, who is an ISTE official as well, were guests of honour at the ceremony. Dr Nageswara Rao, Vallurupalli, SRGEC Chairman, and the two guests of honour presented certificates to the trainees. The course was designed and taught by Dr P Ramanujam, Director, ELT Centre, with administrative support from Mr Raja Kumar, Secretary, ELT Centre, and Programme Coordinator. The FDP was offered from July to November 2022 with 9 faculty members who had already successfully completed the Centre's Oral Communication programme.

WC 4 was rigorously-conducted programme on which the trainees had to attend 82 instructional hours, take four tests for 10 hours in all, do 10-12 assignments, spending at least two hours on each assignment at home, and record a minimum of ten reflections on their WC experiences on our Facebook-hosted online forum. Thus each trainee put in about 140 hours of work on the programme. At one level, this 140-hour purposeful writing work is significant.

At another level, the FDP was even more significant. During these 140 hours, the trainees learned different forms of writing such as paragraphs, essays, emails, resumes, as well as analytical essays, argumentative essays, cause-effect essays, minutes of meetings, reports on events, and press releases. They also learned useful techniques like how to generate ideas, how to organize those ideas using the discourse strategies of coherence and cohesion, how to use topic sentences and thesis sentences, how to use dynamic expressions rather than static ones, how to avoid insensitive language, especially gender insensitive language, and how to be appropriate in the choice of vocabulary, grammar, and style. This is the real significance of their learning on their writing programme.

Inauguration of FDP OC (Batch 5)

Batch 5 of the FDP on Oral Communication was inaugurated by Dr Nageswara Rao Vallurupalli, Chairman, on 10 August 2023. The training programme commenced on 28 July 2023 itself, but it was formally inaugurated by the Chairman on 10 August 2023. Also present at the inauguration as guests of honour were Mr M Ratna Babu, Senior General Manager, BSNL, and Prof. B Eswara Reddy, Director R&D, JNTUA, who is an ISTE official as well. Both had great appreciation



Principal speaking to English faculty



Ms K Srilakshmi, the topper of WC 4, receiving a prize from the Chairman

for the ELT Centre's programmes in general and the FDP, in particular, which sought to enhance the faculty's communication skills. As in the case of the earlier batches, so in this batch also, the Chairman presented each trainee with a copy of the *Oxford Advanced Learner's Dictionary* as a gift from the college.

There are 19 trainees on the programme from the Departments of CE (2), ME (3), ECE (2), CSE (5), IT (4), and BS&H (3).

Commendation ('Distinctive') from the NAAC Peer Team

The Centre received high praise from the NAAC Peer Team that visited our college on 29 and 30 November 2023. All the three members of the team listened to the two presentations – one in the morning session for one of the members and another in the post-lunch session for the Chairman and the third member – on the Centre's programmes, in particular, (a) the three FDPs offered by the Centre on oral, written and scholarly communication for all the newly-recruited faculty members of the college; (b) its impactful and well-documented academic support programmes, Peer Mentoring and Peer Corrective Feedback on Writing, for the first year BTech students; (c) its well-planned and well-executed faculty mentoring programme; and (d) its library providing a wealth of resources in print and digital forms. The reflections posted on the Centre's online forums by the teacher-trainees and the student-mentors, in particular, drew warm appreciation from the team who were unanimous in characterizing the Centre's programmes as distinctive practices and the Centre as a distinctive aspect of the entire college.



Presentation of ELTC activities before the NAAC Peer Team

In his presentation at the exit meeting held on 30 November 2023, the Chairman of the NAAC Team mentioned the ELT Centre (and its programmes) as the principal of the two distinctive features of the college.

ELT CENTRE LIBRARY

Book review

- Ms V Grace Vijaya, a second-year CSE student and a regular visitor of the ELTC Library, reviewed Jeffrey Archer's popular novel, *Kane and Abel* on 30 June 2023.
- The discussion that followed was as interesting as the book talk. Faculty members of the Department of English and 35 students from various branches of SRGEC participated in the discussion.

Orientation for faculty members

The ELTC Library had held several orientation programmes for the students of SRGEC. For the first time, on 22 August 2023, an orientation programme was



Library orientation programme by Mr P Raj Kiran

organized for faculty members from the engineering departments of SRGEC who were trainees on an FDP at the ELT Centre.

On this brief programme, Mr Raj Kiran, Librarian, acquainted the trainees with the resources, services, and facilities available at the library. The teachers enthusiastically browsed through the books and the magazines, and some of them borrowed books, too.



Book Review by Ms V Grace Vijaya

You must not lose faith in humanity. Humanity is an ocean; if a few drops of the ocean are dirty, the ocean does not become dirty. - Mahatma Gandhi

ALUMNI ASSOCIATION ACTIVITIES

Information Technology

- ✿ Ms D Gayatri Devi(17481A12A0),System Engineer, Tata Consultancy services, Hyderabad, Ms D NagaMallika (17481A12B2) Digital Specialist programmer, Infosys Hyderabad, given One-day Career Guidance program on **How to prepare for campus placements?** for II B.Tech students on 29 November 2023.

STUDENTS NEWS

Achievements/ Awards

Electronics and Communication Engineering

Inter-collegiate Participation

- ✿ **M V S Karthik** (20481A04D5) and **K Dhanesh** (20481A04A6) received the Second Prize in Poster Presentation for the poster titled **Enhancing Education with AI tools** in EPISTEMICON-23 organized by Andhra Loyola Institute of Engineering & Technology, Vijayawada on 07 October 2023.
- ✿ **D Neol Suhas Raj** (20481A0470), **K Chandra Mouli** (20481A04C1) and **Mr K Akhil** (20481A04C2) received the Second Prize in quiz competition in EPISTEMICON-23 organized by Andhra Loyola Institute of Engineering & Technology, Vijayawada on 07 October 2023.
- ✿ **V N V R Karthik** (23481A04P4) secured a Campus Ambassador Internship at IIT Delhi through Internshala.
- ✿ **K Dhanesh** (20481A04A6) received the First Prize in Poster Presentation competition organized by Aditya Engineering College, Surampalem from 15 to 16 September 2023.

Intra-collegiate Participation

- ✿ **M Durga Sravanthi** (21481A0455), and **A Mounika** (21481A0407) received the First Prize for the paper titled **Neural Implants for Epliepsy** organized by SRGEC, Gudlavalleru on 14 September 2023.
- ✿ **U Chaitanya Lakshmi** (22481A04N8), **T Naga Malleswari** (22481A04N4), and **R L N D Prabhas** (22481A04K8) received the Second Prize for the paper titled **Development of future Technologies in Smart Systems** organized by SRGEC, Gudlavalleru on 14 September 2023.
- ✿ **S Sneha Sowjanya** (20481A04M8), **P Soniya** (20481A04L8) and **P L Chaitanya** (20481A04J4) received the Consolation Prize for the paper titled **Drone Technology in Societal Development** organized by SRGEC, Gudlavalleru on 14 September 2023.
- ✿ **K Sravya** (22485A0416), **K Lakshmi** (22485A0420) **S Anusha** received the First Prize in Technical Quiz Competition organized by SRGEC, Gudlavalleru in association with IEEE on 14 September 2023.
- ✿ **I Preethi** (22485A0413), **K Naga Jyothsna** (22485A0415), **K Kalyani** (22485A0422), received the Second Prize in **Technical Quiz Competition** organized by SRGEC, Gudlavalleru in association with IEEE on 14 September 2023.
- ✿ **G Keerthi** (21481A0472), **G Sowjanya** (21481A0475), **K Jyothsna** (21481A0494), received the Second Prize in **Technical Quiz Competition** organized by SRGEC, Gudlavalleru in association with IEEE on 14 September 2023.
- ✿ **G TarunaSree** (21481A0463), **J Krishna Sri Kameswari** (21481A0485) and **K.Hruthika** (21481A0497), received the Consolation Prize in **Technical Quiz Competition** organized by SRGEC, Gudlavalleru in association with IEEE on 14 September 2023.
- ✿ **M V S Karthik** (20481A04D5), and **K Dhanesh** (20481A04A6) received the First Prize in **Poster Presentation Contest** organized by SRGEC, Gudlavalleru in association with IE on 13 September 2023.
- ✿ **K Vijaya Lakshmi**(22485A0419), and **K Lavanya** (21481A0495) received the Second Prize in **Poster Presentation** organized by SRGEC, Gudlavalleru in association with IE on 13 September 2023.
- ✿ **Ch Anusha** (21485A0403) received the First Prize in Promo Video Making organized by SRGEC, Gudlavalleru in association with IEEE on 13 September 2023.

Computer Science and Engineering

Inter-collegiate Participation

- ✿ **Sirazunnisa** (18481A05K2) received ISTE State Award on 12 August 2023 for **Ideal Student of Talent and Excellence** from Engineering Colleges in A.P (ISTE) for the academic year 2021-22.
- ✿ **D Pradeep Kumar** (21481A0563), **Tadisetti Leela Vamsi** (21481A05L8), **Talluri Lakshmi Likitha** (21481A05M0), **Tamma Lithish Babu** (21481A05M1), **Nikitha Matta** (21481A4245), **Gunji Srikanth** participated in the final round of **Smart India Hackathon-2023** with the project titled **Development of e-Portal for facilitating Case Management Hearing of various types of cases** held at Techno Indian University, Kolkata, West Bengal-700091 from 19 to 20 December 2023.

Intra-collegiate Participation

- ✿ **P ShyamSundar Lal** (21481A05G1), **J TiruVenkata Rama Narayana** (21481A0586) and **D Pradeep Kumar** (21481A0563) obtained the First, Second and Third Positions respectively in the Technical Quiz Competition during the 56th Engineers Day held on 15 September 2023 at SRGEC.
- ✿ **M Durga Sai Sandeep** (21481A05D5), **G Asmitha** (22481A0573), **G Reshmee Deepika** (22481A0572) secured the Second and Third Positions respectively in the Poster Presentation Competition during the 56th Engineers Day held on 15 September 2023 at SRGEC.
- ✿ **D Uma Katyayani**(21481A0560) secured the Second Position in the Internal Smart India Hackathon Competition held at SRGEC on 13 September 2023.

Information Technology

- ✿ **Y Pooja** (20481A5463), **P Sindhu** (20481A5440), **P Poojitha** (20481A5438), **P Mohanachandrika** (20481A5442), **P Madhuri** (20481A5441), **G Pujitha** (20481A5416) and **V Sailesh** (21481A54C3), **M M M S S Shanmukh** (21481A5487), **T Srinidhi** (22481A54B1), **Asha Seelam** (22481A54A0), **R Nathaniel** (21481A54A1), as a team received the First Prize and the Second Prize respectively in **SRGEC Internal Smart India Hackathon -2023** organized by the Department of IT &CSE in association with Innovation & Incubation cell by SRGEC, Gudlavalleru on 13 September 2023.
- ✿ **S Noharika Naga Sai** (21481A54A4), **P Likitha Sri** (21481A5495), **L Naga Varshitha** (21481A5471), **M Lakshmi Poojitha** (21481A5489) and **MD Sameena Simmin** (21481A5486) received the Second Prize in **Skit Competition** on the occasion of National Level Literary and Cultural Events Contest conducted by SRGEC, Gudlavalleru on 22 September 2023.
- ✿ **Mohammad Mazid** (21481A5485), **M M M S S Shanmukh** (21481A5487) received the Second Prize as a team in **Autonomous Vehicle** on the occasion of National Level Project Envision and Tech-Innovate Hackathon conducted by SRGEC, Gudlavalleru on 31 October 2023.
- ✿ **K Gowri Mukhesh** (21481A1273) received the Second Prize in Technical Paper Presentation Contest on **Robotic Process Automation** organized in association with CSI, SRGEC on 15 September 2023.

Internet of Things

- ✿ **K Gnana Deepika**, **A Sudeepthi**, **B Sai Ramya**, **G Prathyusha**, **I N S Sri Valli** of I B.Tech won the First Prize, **B Hema Ramya Sri**, **K Lakshmi Sri**, **K K P Pavan Thanai**, **G Emman Babu** of I B.Tech won the Second Prize and **N Mahesh Chowdary** of III B.Tech won the Third Prize, in the Internal **Smart Hackathon** conducted in SRGEC from 11 to 13 September 2023.
- ✿ **I Preethi** (22485A0413), **K Naga Jyothsna** (22485A0415), **K Kalyani**(22485A0422), received the Second Prize in Technical Quiz Competition organized by SRGEC, Gudlavalleru in association with IEEE on 14 September 2023.

Master of Business Administration

- ✿ **V Naga Sirisha** (23481E0063) received the First Prize in Thematic Photography as a Part of Kairos 2k23 - A State Level Management meet organized by Andhra Loyola Institute of Engineering and Technology on 23 November 2023.

Guest Lectures / Workshops / Seminars / Paper contests/Paper Presentations

Conducted

Civil Engineering

- A one-day Guest Lecture on **Water: The Essence of Life and the Need for Its Sustainable Management** was organized by Civil Engineering Department with the resource person **Er P Santha Rao**, Senior Quality Control Officer, AP-PR&RD, Prakasam District, Government of AP on 15 September 2023.
- A one-day Alumni Guest Lecture on **Ultra High-Performance Fiber Reinforced Concrete – From Fundamentals to Applications in Bridge Engineering** was organized by Civil Engineering Department with the resource person **Dr Vanama Raghava Kumar**, Assistant Professor, NIT Tiruchirappalli, Tamil Nadu on 22 December 2023.



Er P Santha Rao at the Workshop

Electrical and Electronics Engineering

- An Alumni interaction session on **Opportunities for EEE students in Germany** was organized for IV B. Tech EEE students with resource person **Mr Shaik Sadhiq**, Collins Aerospace, Germany on 28 August 2023.
- GATE coaching classes on **Electrical Circuits** were offered to III & IV B. Tech students with the resource persons **Dr B Madhu Kiran**, Associate Professor and **Ms K Vindhya Smitha**, Associate Professor, from August to November 2023.

Mechanical Engineering

- A one-week workshop on **Applications of IoT in Mechanical Engineering** was conducted for IV B. Tech Students with resource persons **Dr B R B Jaswanth**, Assistant Professor and **Mr B Ramakrishna**, Assistant Professor, Department of Internet of Things, Seshadri Rao Gudlavalleru Engineering College from 28 August to 02 September 2023.
- A one-week workshop on **3D Printing and Re - Engineering** was conducted for IV B. Tech Students with resource person **Dr B K C Ganesh**, CEO & Founder, Print 3D Technologies Ltd., Tirupathi from 28 August to 02 September 2023.



Mr Mukesh Patneedi at the Workshop

- A guest lecture on **Mechanical to Marvel: Your Final Year Blueprint for Thriving in the Tech World** was organized in association with MEA & SRGEC Alumni, with the resource person **Mr Mukesh Patneedi**, Business Consultant, Tata Consultancy Service, Hyderabad and Alumni of SRGEC for III B. Tech students on 14 February 2023.

Electronics and Communication Engineering

- A three-day workshop on **Making of PCB Layout Design for Electronic Circuit Applications** was organized in association with Electronics Hobby Club of SRGEC with the resource person **Er V Govinda Rao**, Managing Director, Microlink Peripheral Controls Private

Limited, Vijayawada from 18 to 20 October 2023.

- A one-week workshop on **Advanced IoT Technologies** was organized in association with ECSA of SRGEC for III B. Tech students with the resource person **Er T Bhanu Chandra Reddy**, Multi Skill Trainer, Teamware Solution (TCS), Hyderabad from 03 to 09 October 2023.
- A guest lecture on **5G Mobile Technologies and Skills Required in Industry** was organized in association with IE(I) of SRGEC for III B. Tech students with the resource person **Er P Raju**, Assistant General Manager, BSNL, Vijayawada, AP on 15 September 2023.

Computer Science and Engineering

- ✿ A guest lecture on **Un Real Engine** was conducted with the resource person **Mr I S N Pradeep**, Unreal Authorized Instructor, Prather of Epic Game, on 15 July 2023.
- ✿ A guest lecture on **Carrier Guidance & Generative AI: UNLEASHING & Artificial Creativity** was conducted with the resource person **Mr Ravi**, Search Engineer, Linked In Microsoft on 15 July 2023.
- ✿ A guest lecture on **Innovation / Prototype validation** was conducted with the resource person **Dr Krovi Raja Sekhar**, Prof & Director, KL University, on 25 August 2023.
- ✿ A one-day workshop on **Google Developer Student Clubs** was conducted with the resource person **Mr Madhu Vadlamani**, Senior Trainer, Miracle Software Solutions, on 28 August 2023.
- ✿ A two-day orientation program on **Sales Force** was conducted with the resource person **Mr Rakesh**, Trainer, Smart bridge educational services Pvt.Ltd, from 19 to 20 September 2023.
- ✿ A one-week workshop on **AWS Cloud Computing** was conducted with the resource person **Mr C Rama Krishna**, Trainer, APSSD, from 25 to 30 September 2023.
- ✿ A five-day workshop on **Data Analytics with Python** was conducted with the resource person **Mr Akshay**, Trainer, Smart Bride educational services Pvt.Ltd, from 11 to 14 October 2023.

Information Technology

- ✿ An orientation program on **Sales force** was organized for III B.Tech students with resource person **Mr DMahesh**, Smart Bridge Solutions Pvt.Ltd. Hyderabad from 19 to 20 September 2023. 162 students participated.

Artificial Intelligence & Data Science

- ✿ A guest lecture on **Generative AI** was conducted with the resource person **Dr V Sunil Kumar**, Director Data Science Ericsson Bangalore on 23 November 2023.

Internet of Things

- ✿ A three-day **Intensive Workshop and Hackathon on Internet of Things** for I B.Tech students was conducted with **Mr Vellore Akash**, Director, Adyuga and **Mr T Saran**, IoT Developer, Adyuga, Bangalore as the resource persons from 11 to 13 July 2023.
- ✿ A five-day training programme on **Python for IoT : Connecting the physical world** was conducted for III B.Tech students with resource persons **Mr T Bhanu Chander Reddy**, IT Analyst, TCS and **Ms K V Vanitha** Trainer and Developer, TCS, Hyderabad from 14 to 18 November 2023.
- ✿ A three-day training programme on **Real Time IoT Applications using Advanced Microcontrollers** was conducted for IV B.Tech students with resource persons **Mr T Bhanu Chander Reddy**, IT Analyst, TCS and **Ms B Hema Sri**, IT Analyst, TCS, Hyderabad from 24 to 26 August 2023.



Mr Saran, IoT Developer, Adyuga, delivering a lecture

Master of Business Administration

- ✿ A one-day webinar on **Current trends in Capital Markets and Importance of Due Diligence in Investing** was conducted with the resource person **Mr Shiva Prasad V**, Regional Manager, CDSL India on 30 October 2023.
- ✿ A one-day Entrepreneurship Development Programme on **Entrepreneurial opportunities and challenges** was conducted with the resource person **Mr Venkata Raghunadh Nerella**, CEO, Akshay Food Impex Pvt.Ltd, Pamarru on 9 November 2023.
- ✿ A one-day workshop on **Trading strategies in Indian Securities Market** was conducted with the resource person **Mr Narendra** –NISM on 29 December 2023.

Attended**Electrical and Electronics Engineering**

- 21 students of IV B.Tech participated in a Two Day National level Technical Competition **FUSION X'2K23** conducted by the department of **Internet of things, SRGEC** in association with **drones club, IST and ADYUGA** Ed tech solutions from 14 to 15 September 2023.
- 7 students of IV B.Tech participated in the autonomous vehicle event on the occasion of **National Level Project Envision and Tech-Innovate Hackathon, SRGEC** from 30 - 31 October 2023.
- 3 students of IV B.Tech participated in **IDEATE2HACK**, as a part of **Techmarathon** a national level industry-driven 24-hour **Hackathon** held from 06 to 07 October 2023 organized by professional chapters of department of CSE, VRSEC, Vijayawada.
- Ms N H S V N Supraja (21485A0225)** participated in **story writing** competition in the district level youth festival-2023 from Krishna district was conducted at **SRGEC** on 16 September 2023.
- Ms N H S V N Supraja (21485A0225)** participated in the **Indian society for technical education –AP** section competition on the occasion of **ISTE - state level student convention** held on 11 August 2023.

Electronics and Communication Engineering

The following students from IV B.Tech participated in IIC (Innovation Day Celebrations) held at Velagapudi Ramakrishna Siddhartha Engineering College (Autonomous), Vijayawada, Andhra Pradesh on 16 October 2023 and presented different projects:

- G Prasanna Poojitha (20481A0477), G Ahkila (20481A0490), K Lakshman (20481A04B1), M Vamsi Krishna (21485A0413): Smart Door Bell using ESP-32 CAM.**
- G Maheswara Rao (20481A0491), D Lokesh Chowdary (20481A0472), K Vivek Varma (21485A04A0), D Harshitha (20481A0466): Smart Curtain.**
- Bonthu Sai Snehith (20481A0443), Bethu Yoga Lakshmi Nithya (20481A0432), Chebrolu Loka Sravani (20481A0452), A Pravallika (20481A0409): Smart Exhaust Fan System using Humidity Sensor.**
- G Muneswari Devi (20481A0484), K Swathi (20481A04A4), G Amrutha (20481A0480), J Mukunda Krishna (20485A0495): Wearable Oscilloscope Smart Watch.**
- Y Jayadeep (20481A04O9), V Ganesh (20481A04OO), Y Sri Vidya (20481A04P0), P Soniya (20481A04L8): Saline Level Monitoring and Alert Systems.**
- Ch Krishna Reddy (20481A0426), Ch Tejaswini (20481A0458), Ch Lakshmi Sushma Sree (20481A0459), B Naresh (20481A0426): Noise Reduction in Speech Signal.**
- R Venu Madhuri (20481A04K1), V H Chandra Sai (20481A04N1), V Praveen (20481A04N8), V S V Hari Charan (20481A04N6): Temperature Based Automated Fan Speed Control.**
- P Pranavi (20481A04I2), P Gouthami (20481A04I0), M Anjali (20481A04E5), M Pavan Vamsi (20481A04D7): Smart Cart.**
- P Vandana (20481A04H6), M Sai Krishna (20481A04E1), N Gowtham (20481A04H1), P Hari Manikanta (20481A04H8): Automatic Indoor Plant Watering.**
- I Divya (21485A0404), B Bhargavi (20481A0435), A Vijay Rohit (20481A0416): Ultrasonic Radar System.**
- A Chandra Abishek (20481A0401), A Charan (20481A0418), D Chaitanya (20481A0463): IoT Based Smart Lighting System.**
- Ch J G Arun Kondalu (20481A0453), Abdul Musharaf (20481A0402), B Abhishek (20481A0429): Automatic Night Lightning System.**
- K Sai Sanjana Kasturi (20481A04A1), Golla Chanikya Madhav (20481A0481), Motukuri Naga Sai Deepika (21485A0412), Lukka Siva Bharath (20481A04C5): Color Changing RGB Led using Wi-Fi.**
- Jonnalagadda Divya (20481A0496), Maddiboina Vamsi (20481A04C7), Dharavathu Tharun Naya (20481A0468), Lingamsetti Pavan Prasad (20481A04C3): Earthquake Indicator.**

- ✿ **Grandhe Thriveni (20481A0485), Kammela Sri Ramya (20481A04A2), Mohammad Ikram (21485A0411), Jaldy Dileep Sai Nadh (20481A0494): Child Tracking System.**
- ✿ **Y Janitha Joyey (20481A04O5), R Venkatesh Naik (20481A04J7), T Ramya (20481A04M4), B Lalitha Adithya (19481A04C4): Water Lag Detection System for Crop Protection.**
- ✿ **M Snehitha (20481A04C8), G Kedar (20481A0483), K Amarnadh (20481A04B9), H Lokesh (20481A0493): Bluetooth Controlled Robot Car.**
- ✿ **G Hemavallika (20481A0474), K Sri Devi (20481A04C0), D Veda Priya (20481A0465), K T Pavan Mani Kumar (20481A04B8): Altitude Meter.**
- ✿ **K Chaitanya Krishna (20481A04A5), G Keerthana (20481A0478), L Bharath (20481A04C4), K Viswa Teja (20481A04A9): Intelligent ECG Monitoring System with Wireless Tracking Support.**
- ✿ **K Sushma (20481A04A8), M Siva Sankar Vara Prasad (21485A0410), J Mahesh Babu (20481A0498), J Varshit (20481A0497): Smart Vehicle with Obstacle Detection and Live Location.**
- ✿ **K Keerthi Srujana (20481A04B0), G Navya Sree (20481A0486), N Navya Sri (21485A0414), K Nikhil Sai Varma (20481A04A7): Obstacle Avoiding Robot.**
- ✿ **K Sri Varsha (20481A04B5), K Chandra Mouli (20481A04C1), D Noel Suhas Raj (20481A0470), D Sethu Chandana (20481A0469): Alcohol Sensing Alert with Engine Locking System with GPS Tracking.**
- ✿ **P Ashok Babu (20481A04I1), P Himasri (20481A04I9), S Akshitha (21485A0419), S Sumanth Chandra (19481A04M8): Precision Cooling Fan Speed Modulation.**
- ✿ **Peddi Lepsita (20481A04I3), Manne Lakshmi Srini (20481A04D9), Malireddy Vineetha (20481A04D2), Perikala Prasanna K (20481A04I8): Health Monitoring System using IoT.**
- ✿ **P Manu Sri (21485A0416), M M Abbas Baquary (20481A04F0), M HARITHA (20481A04D4), P Suman Babu (20481A04H2): IoT Based Food Spoilage Detection.**
- ✿ **Polisetty Vishnu Prasad (20481A04J1), Matta Yugandhar Surya P (20481A04E7), Mannam Ashok Kumar (20481A04D8), Molugumati Raj Kumar (20481A04F3): Laser Light Security System using Arduino with Alarm.**
- ✿ **P Swetha (20481A04H9), Md Shareef (20481A04F2), M Y N V Vara Prasad (20481A04G0), M Sai Krishna (20481A04E9): Home Smartening.**
- ✿ **Mohammad Ayathulla (20481A04F1), Matlapudi Naga Suresh (20481A04E4), Matta Kiran Akhilesh (20481A04E6), Mere Maniprechand (20481A04E8): Automation in Polyhouse Using IoT Based Technique.**
- ✿ **Namburi Mery Lavanya (20481A04G8), Malka Nikhilesh Mohan (20481A04D3), Nagulapati Naga Pavan (20481A04G5), Malireddy Kavyareddy (20481A04D1): Accident Prevention Glasses.**
- ✿ **Pamidimarri Venkata Lakshmi (20481A04H7), Nowpada Lohith Balaram (20481A04H0), Nadakuditi Harika (20481A04G4), Maganti Kalyan (20481A04D0): Object Detection and Identification using ESP32 CAM Module.**
- ✿ **M Anupama Latha (20481A04F9), M V S Karthik (20481A04D5), M Manikanta (20481A04F6), M Raghavendra Rao (20481A04G2): Fire Fighting Robot.**
- ✿ **P Sudarshan (20481A04J0), P Subha Sri (20481A04H5), P Ganesh (20481A04I4), P Raja Shekar Reddy (20481A04I5): Automatic Vehicle Speed Reduction and Accident Prevention.**
- ✿ **N Lakshmi Pavani (21485A0415), P Yaswitha (21485A0418), G Manoj Kumar (20481A04G3), Shaheda Begum (21485A0420): Smart Cradle.**
- ✿ **M Puja (20481A04F8), P Rajani (20481A04H3), P Pravallika (20481A04I7), M Sai Suma (20481A04F7): IoT Based Agriculture Flood Water Management and Harvesting.**
- ✿ **Marrivada Sivaramaprasad (20481A04E2), Pidugu Keerthi (21485A0417), Potarlanka Aditya Vardha (20481A04J2), Motukuri Amrutha (20481A04F4): IoT Wi-Fi Weather Station.**
- ✿ **Murala Pavana Lakshmi (20481A04G1), Pendurthi Meghana (20481A04I6), Mathi Sai Rishwanth (20481A04E3), Nallamothu Mahesh (20481A04G7): Foot Step Power Generation using Piezoelectric Sensors.**

- ✿ **Marri Devendra Sai** (20481A04E0), **Movva Swathi** (20481A04F5), **Madiri Priyanka** (20481A04C9): **Line Following with Obstacle Avoiding Robot.**
- ✿ **Singamsetty Harshitha** (20481A04L5), **Shaik Yaseen Rosha** (20481A04L4), **Sunkara Siva Teja Sri** (20481A04M0): **Smart Electric Tingle Preventing System for Earthen Poles.**
- ✿ **Tirumalasetty Ashok** (20481A04M8), **G Rajesh** (20481A04J6), **Sajja Vamsi** (20481A04K2), **S. Sneha Sowjanya** (20481A04M1): **Automatic Grain Soaking System.**
- ✿ **Pothula Bhargav Sai** (20481A04J3), **Sirigidi Prasanth** (20481A04L6), **Yarlagadda Rajani** (20481A04O6), **Sri Venkata Kasyap** (20481A04L9): **Animal Tracking using ESP32.**
- ✿ **Y Jagadeep** (20481A04O8), **T Harish** (20481A04M3), **Y Prashanth** (20481A04O3), **Satya Prabhas D** (20481A04K7): **Voice Based Blind Assistive Technology using Arduino.**
- ✿ **Y Nagaraju** (20481A04P2), **P Vasavi Satya** (20481A04N5), **Y Chandra Sekhar** (20481A04O4), **S Gnana Pavan Kumar** (20481A04K6): **Alcohol Detection and Engine Locking System.**
- ✿ **Thanuri Bhanu Harshitha** (20481A04M6), **Yarlagadda Rajeswari** (20481A04O7), **Sanaka Venkata Karthik** (20481A04K5), **Ramireddy Usha Kumari** (20481A04J8): **Animal Detection.**
- ✿ **U Pradeep** (20481A04N0), **S Dinesh** (20481A04L7), **V Sai Koushik** (20481A04N2), **R Varun Rahul** (20481A04J5): **IoT Based Water Quality Sensor.**
- ✿ **T Vasubabu** (20481A04M5), **Y Gopi** (20481A04P1), **P Lakshmi Chaitanya** (20481A04J4), **Sk Mohammad Jawharul** (20481A04L2): **Arduino Based Color Sorter Machine.**
- ✿ **Viswanadhuni Reshma P** (20481A04O2), **Shaik Bb Ayesha** (20481A04K9), **Vennapusa Venkata Vamsi** (20481A04O1), **Raya Venkata Suresh Ch** (20481A04J9): **Hand Gesture Recognition.**
- ✿ **Valluru Siva Naga Hanus** (21485A0424), **V Vinay Guru Charan** (20481A04N7), **Sk Dariya Vali** (20481A04L0), **Syed Mohammad Ameer** (20481A04M2): **LPG Gas Detector with SMS Alert.**
- ✿ **Tammiseti Hima Bindu** (21485A0422), **T Surya Teja** (21485A0423), **Shaik Dil Afroz** (20481A04L1), **Vanama Bhavya Sri** (20481A04N3): **Soldier Health Monitoring System.**
- ✿ **Sk Abdul Raheem** (20481A04K8), **Y J A Srivalli** (20481A04P3), **V Ratna Bhavani** (20481A04N4): **Anti Sleep Alarm.**

Computer Science and Engineering

- ✿ **Mr Sai Anirudh** (20481A05K5) attended a four-day workshop on **Cyber Security & Its Importance** from 12 to 14 September 2023 at KLEF Deemed to be University, Green Fields, Vaddeswaram, Guntur District, A.P., INDIA.
- ✿ **Ms Nikitha Matta** (21481A4245) attended **Two-weeks Virtual Internship** from 14 to 28 March 2023 on Artificial Intelligence in online mode.

Internet of Things

- ✿ **Mr M Vamsi, Mr B Pavan Kalyan, Mr P Bhanu Sai Teja, Mr Sk Kamal** of II B. Tech participated in a three-day **Workshop and Hackathon on Internet of Things**, in SRGEC from 11 to 13 July 2023

Professional Society and Association Activities

Electrical and Electronics Engineering

- ✿ As a part of IEEE Student chapter- Engineer's Day celebrations, **WORD PUZZLE** was conducted on 13 September 2023. 60 Students from II, III & IV B. Tech took part in the event.
- ✿ As a part of IEEE Student chapter- Engineer's Day celebrations, **QUIZNOCORP** was conducted on 15 September 2023. 100 Students from II, III & IV B. Tech participated in the event.
- ✿ A one day workshop on **Insights of Electrical Engineering** was organized in Association with IE Student chapter with resource persons **Dr L Ravi Srinivas**, Professor, **Mr A Amarendra**, Associate Professor, **Mr Md Rafi Khan**, Associate Professor of Seshadri Rao Gudlavalleru Engineering College on 8 July 2023

- ✿ The department student association, ESCON conducted co-curricular activities such as **War of Words, Poster Presentation, Dumb Charades, Make your Guess, Blow n Build, Vowel Hunt, AI Tune Quiz, Logo Hunt, Blue Book** from 12 September to 6 December 2023.

Mechanical Engineering

- ✿ **Mechanical Engineering Association (MEA)** in collaboration with IE (I), ISTE and ASME on the eve of Engineer's Day, conducted competitions such as : **Quick Assembling on 08 September 2023, 3D Modeling on 12 September 2023, Ask a Question** on 12 September 2023, **Technical Public Speaker** on 13 September 2023, for II, III & IV B. Tech students.
- ✿ A batch of 8 students from III B. Tech I-Semester participated in career development program entitled **The student & Early career development council** on eve of Career Development Council ASME Efx Indian series organized by the Aditya College of Engineering & Technology, Kakinada on 24 November 2023.

Electronics and Communication Engineering

- ✿ Mindmaze Tech Quiz was organized in association with ECSAt of SRGEC on 09 November 2023.

On the eve of Engineer's day Celebrations, the following events were conducted:

- ✿ Paper Presentation was organized in association with IETE Student Forum (ISF) of SRGEC on 14 September 2023.
- ✿ Technical Quiz was organized in association with ECSAt of SRGEC on 14 September 2023.
- ✿ Poster Presentation was organized in association with IE(I) student chapter of SRGEC on 13 September 2023.
- ✿ Promo Video Making was organized in association with IEEE SRGEC Student Branch of SRGEC on 13 September 2023.

Computer Science and Engineering

- ✿ The department student association, COMITY conducted Co curricular activities such as C and Python Tech Challenge, Creative College Tour, Aptitude Test, Pictionary, Code Quest, Nature Photography Contest, Code Debugging, JAM (Just A Minute), Quiz on Current Affairs, Creative Instagram Reel Making, Memory Game-Remember and write, Picture Connection Game, Word Hunt, Quiz Fusion - The Ultimate Quiz Mashup, Crack the code. These activities were conducted from 6 October 2023 to 11 April 2024, attracting over 963 student participants.

Information Technology

- ✿ Students' association of IT department, SAINT conducted **CodeIT'23**, Coding Contest in association with ISTE on 14 September 2023. A total of 116 students from II & III B.Tech participated. The organizer was **Mr B Sobhan Babu, Asst. Prof. of IT**.
- ✿ Students' association of IT department, SAINT conducted **TechnoShow'23** a Presentation Contest in association with CSI on 14 September 2023. A Total of 16 students from III B.Tech participated. **Mr I LakshmiNarayana, Asst. Prof. of IT**, was the Quiz master..
- ✿ Students' association of IT department, SAINT conducted **Engineers Adventure Quest'23** clues based on QR code Contest in association with ACMon 12 September 2023. As many as 150 students from II & III B.Tech participated in the contest. **Mrs T Sumallika, Asst. Prof. of IT**, was the Quiz master.

Internet of Things

Students' Association of IoT, PATRIOT, conducted the following events:

- ✿ Cerebrum Challenges on 09 August 2023
- ✿ Sensor Spark Code Jam Competition on 18 August 2023
- ✿ Career Guidance on 23 August 2023
- ✿ Essay Writing Competition on 11 September 2023
- ✿ Promo Making Competition on 13 September 2023.
- ✿ Poster Presentation Competition on 13 September 2023
- ✿ Logo Launch pad Competition on 25 September 2023
- ✿ Tech Dreams Competition on 26 September 2023.
- ✿ Essay Writing Competition on 13 October 2023

INDUSTRIAL TOURS

Electrical and Electronics Engineering

- 44 students of IV B. Tech, I Semester visited Karnataka Vidyuth Karkhane Limited, Bharat Heavy Electronics Limited, Bengaluru and Deepanjan Power Cables. Mysore from 4 to 7 November 2023.

Mechanical Engineering

- 57 students from III B. Tech, I Semester visited Bhanodaya Metal Works, Siddantham Village, Gudivada Mandal, Krishna District, on 20 September 2023.
- 59 students from III B. Tech I Semester, visited Andhra Detergents, Vanapamula Village, Pedaparupudi Mandal, Krishna District on 22 September 2023.

Computer Science and Engineering

- 160 students of III B. Tech I Semester visited QSpiders, Bangalore and Kaynes Technology, Mysore from 01 to 04 December 2023.

Information Technology

- 116 students of III B. Tech visited ATS Global Techsoft Pvt Limited, Bangalore on 18 November 2023.

Artificial Intelligence & Data Science

- 77 students of III B. Tech, I Semester visited QSpiders, Bangalore on 6 December 2023.

Internet of Things

- 69 students of III B. Tech I Semester visited Andhra Pradesh Med-Tech Zone (AMTZ) and Vizag Steel Plant Visakhapatnam from 28 to 29 November 2023.

STUDENT NPTEL

| S.No. | Name of the Branch | No. of Students Obtained Certification | Remarks |
|-------|--------------------|--|---|
| 1 | CE | 61 | Elite – 13 Successfully Completed-48 |
| 2 | EEE | 134 | Elite – 81 Elite+Silver- 27 Successfully Completed-26 |
| 3 | ME | 11 | Elite-04 Elite+Silver-01 Successfully Completed-06 |
| 4 | ECE | 66 | Elite – 34 Elite+Silver-02 Successfully Completed-30 |
| 5 | CSE | 166 | Elite-68 Successfully Completed-98 |
| 6 | IT | 99 | Elite+Gold-01 Elite+Silver-20 Elite-30 Successfully Completed-48 |
| 7 | AI&DS | 61 | Elite – 4 Successfully Completed-57 |
| 8 | IoT | 32 | Elite-06 Successfully Completed-26 |

Administrators assumed charge on 01.12.2023**Principal**

Dr B Karuna Kumar
Professor of ME

Advisor to the Management Vice Principal - Administration

Dr P Ravindra Babu
Professor of ME



Dr P Kodanda Rama Rao
Professor of CE

Vice Principal - Academics

Dr M R Ch Sastry
Professor of ME

Director (PGCRD)

Dr G V S N R V Prasad
Professor of CSE

Director (AS&A)

Dr M Kamaraju
Professor of ECE

HoD - CE

Dr A H L Swaroop
Assoc. Professor

HoD - EEE

Dr A Amarendra
Professor

HoD - ME

Dr K Ch Kishor Kumar
Professor

HoD - ECE

Dr B Rajasekhar
Professor

HoD - CSE

Dr M Babu Rao
Professor

HoD - IT

Dr D N V S L S Indira
Professor

HoD - AI&DS

Dr K Srinivas
Professor

HoD - CSE (AI&ML)

Dr Y Adilakshmi
Professor

HoD - IoT

Dr Y Syamala
Professor

HoD - MBA

Dr G Kamal
Assistant Professor

HoD - BS&H

Dr S Suresh
Associate Professor

HoD - English

Dr G Raja Kumar
Assistant Professor

Faculty nominated as Mentors of Academic Strengthening and Advancement Cell

- ☛ Department of CE - **Mr V Phani Kumar**, Sr.Gr.Asst.Professor
- ☛ Department of EEE - **Dr B Dasu**, Professor
- ☛ Department of ME - **Dr J A Ranga Babu**, Associate Professor
- ☛ Department of ECE - **Dr Y Rama Krishna**, Professor
- ☛ Department of CSE - **Dr S Narayana**, Professor
- ☛ Department of IT - **Dr Ch Kavitha**, Professor
- ☛ Department of AI&DS - **Mr K Ashok Reddy**, Assistant Professor
- ☛ Department of IoT - **Dr B R B Jaswanth**, Assistant Professor
- ☛ Department of MBA - **Dr S Madhavi**, Associate Professor
- ☛ Department of BS&H - **Mr D K Pavan Kumar**, Sr.Gr.Asst. Professor

Faculty Promoted to higher positions wef. 01 July 2023:

- ☛ **Dr B Dasu**, Associate Professor of EEE promoted as **Professor**
- ☛ **Dr K Ch Kishor Kumar**, Associate Professor of ME promoted as **Professor**
- ☛ **Dr B Rajasekhar**, Associate Professor of ECE promoted as **Professor**
- ☛ **Dr Y Syamala**, Associate Professor of IoT promoted as **Professor**
- ☛ **Dr A H L Swaroop**, Sr. Gr. Asst. Professor of CE promoted as **Associate Professor**
- ☛ **Dr Ch Rambabu**, Sr. Gr. Asst. Professor of ECE promoted as **Associate Professor**
- ☛ **Dr K Sri Lakshmi**, Asst. Professor of ECE promoted as **Associate Professor**
- ☛ **Dr Sk Salma Begum**, Asst. Professor of CSE promoted as **Associate Professor**
- ☛ **Dr D Raghavamsi**, Asst. Professor of CSE promoted as **Associate Professor**
- ☛ **Dr P S S Sreedhar**, Asst. Professor of IT promoted as **Associate Professor**
- ☛ **Dr S Suresh**, Sr. Gr. Asst. Professor of BS&H promoted as **Associate Professor**

Principal's Presentation

Dr B Karuna Kumar addressed Faculty and Staff on 29 December 2023, with a presentation on **Design of**



Dr B Karuna Kumar addressing the faculty

the Greatest Work Place. He emphasized on the dimensions of the greatest place to work and proposed few principles for the design. He urged the members of the staff to have a healthy environment that is conducive to learning and sharing of the knowledge among colleagues. He reminded the words of Charlie Chaplin to the audience, the need of love, to get everything done, rather than power.

Humility is the ability to give up your pride and still retain your dignity. - Vanna Bonta

FACULTY NEWS

RESEARCH

AWARD

Civil Engineering

- * **Mr G T N Veerendra**, Assistant Professor was awarded with Ph.D. for his thesis entitled **Development of an Artificial Intelligence System for Forecasting Surface Water Quality Parameters in a Part of Krishna District Andhra Pradesh, India** by Annamalai University, Tamil Nadu in July 2023. He did his research under the supervision of **Dr Balamuthu Kumaravel**, Professor, Department of Civil Engineering, Annamalai University & under the co-supervision of **Dr P Kodanda Rama Rao**, Professor of CE & Vice Principal Admn.



Mr GTN Veerendra



Mr S Arun Chaitanya

- * **Mr S Arun Chaitanya**, Assistant Professor was awarded with Ph.D. for his thesis entitled **Experimental Investigation on strength and durability properties of high strength self-compacting concrete using fly ash and copper slag** by JNTUA College of Engineering Anantapuram, in July 2023. He did his research under the supervision of **Dr E Arunakanthi**, Professor, Department of Civil Engineering, JNTUA.

Electrical and Electronics Engineering

- * **Mr A Amarendra**, Associate Professor, was awarded with Ph.D. for his thesis entitled **Enhancement of Power System Security using Meta –Heuristic Optimizing Algorithms and Facts Devices** by Jawaharlal Nehru Technological University, Kakinada on 13 September 2023. He did his research under the supervision of **Dr L Ravi Srinivas**, Professor, Department of EEE, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru and **Dr R Srinivasa Rao**, Professor, Department of EEE, University College of Engineering Kakinada, JNTU Kakinada.



Mr A Amarendra

Mechanical Engineering

- * **Mr GV Jagadeesh**, Assistant. Professor of ME was awarded Ph. D Degree for his thesis entitled **Ball Burnishing of Magnesium Ze41A Alloy for Enhancing Surface Integrity and Functional Performance** by National Institute of Technology, Raipur on 07 August 2023. He did his research under the supervision of **Dr Srinivasu Gangiseti**, Assistant Professor, Department of ME, NIT, Raipur.



Mr G V Jagadeesh

Electronics and Communication Engineering

- * **Ms S Bhavani**, Assistant Professor, was awarded with Ph.D for her thesis entitled **Design and Development of Low Profile UWB Wearable Textile Antenna for Breast Cancer Detection**, by Pondicherry Central University, Pondicherry on 12 October 2023. She did her research under the supervision of **Dr T Shanmughanadham**, Professor & HoD, Department of Electronics Engineering, Pondicherry Central University, Pondicherry.



Ms S Bhavani

Internet of Things

- * **Mr Rohith Bala Jaswanth B**, Assistant Professor of IoT was awarded with Ph.D for his thesis entitled **Design and Performance Issues of CMOS Operational Transconductance Amplifier for Biomedical (ECG) Applications** by Jawaharlal Nehru Technological University Kakinada on 08 August 2023. He did his research work under the supervision of **Dr V V K D V Prasad**, Professor of ECE & Convener, IQAC and Professor of ECE, SRGEC and co supervision of **Dr M Kamaraju**, Professor of ECE & Director - AS&A, SRGEC, Gudlavalleru.



Mr R B Jaswanth B

Master of Business Administration

- * **Mr K Prudhvi Raj**, Asst. Prof, was awarded with Ph.D. for his thesis entitled **A Study on Determinants of buying Private Label Brands in select FMCG and Grocery Retail Outlets in Andhra Pradesh, India** from Acharya Nagarjuna University on 6 December 2023. He did his research under the supervision of **Dr. N. Prasanna Kumar**, Acharya Nagarjuna University, Guntur.
- * **Mr T Hemanth Kumar**, Asst. Prof, was awarded with Ph.D. for his thesis entitled **Mediating Role of Employee Engagement between Personality and Commitment – A Study with reference to Women Nursing Staff of Hospitals in Andhra Pradesh** from Andhra University on 8 December 2023. He did his research under the supervision of **Prof. A Narasimha Rao**, Andhra University, Visakhapatnam.



Mr K Prudhvi Raj



Mr T Hemanth Kumar

People don't get promoted for doing their jobs really well; they get promoted by demonstrating their potential to do more. – Tara Jaya Frank

Basic Sciences and Humanities

- **Mr Sk Abdul Mathin**, Assistant Professor, was awarded with Ph.D. for his Thesis entitled **Synthesis and characterisation of Zinc Oxide (ZnO) Nanoparticles by using Anthocephalus Cadamba and Sphagneticola Trilobata-Lin plant extracts and its Actinity studies** by Krishna University, Machilipatnam in August 2023. He did his research under the supervision of **Dr M David Raju**, Assistant Professor, Dept. of Chemistry, P.B. Siddartha P.G. College, Vijayawada.



Mr Sk Abdul Mathin

SUBMISSION

Mechanical Engineering

- **Mr N Prem Dasu**, Assistant Professor submitted his Ph. D thesis on **Production of oil by Catalytic Pyrolysis of waste polythene Covers and Study of This oil for use in Diesel Engine** to Annamalai University, Annamalai Nagar, Tamil Nadu under the guidance of **Dr M R Ch Sastry**, Professor and Vice Principal-Academics on 10 November 2023.

Electronics and Communication Engineering

- **Mr B Vamsy Krishna**, Assistant Professor, submitted his thesis entitled **FET Based Biosensors: Design, Performance Analysis And Comparison** to Koneru Lakshmaiah Education Foundation, Deemed to be University, Vaddeswaram in December 2023 under the supervision of **Dr M Durga Prakash**, Assistant Professor, SRM Deemed to be University and **Dr Fazal Noorbasha**, Associate Professor, KLEF, Vaddeswaram.
- **Ms B Naga Sirisha**, Assistant Professor, submitted her thesis entitled **Estimation of signals using Adaptive Filters in Noisy Environment** to JNTUK, Kakinada in July 2023 under the supervision of **Dr V V K D V Prasad**, Convener, IQAC and Professor of ECE, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.

Computer Science and Engineering

- **Ms G Bharathi**, Sr. Gr. Assistant Professor, Department of CSE, submitted her Ph.D. thesis entitled **An Enhanced Customer Churn Prediction System using Ensembling of Swarm Intelligence and Data Mining Techniques : An application to Telecom Data** to JNTUK, Kakinada, on 27th November 2023 under the guidance of Co-Supervisor **Dr M H M Krishna Prasad** Professor of CSE, JNTUK, Kakinada and Supervisor **Dr G V S N R V Prasad** Professor of CSE and Principal, SRGEC, Gudlavalleru, A.P.
- **Ms A Apparna**, Assistant Professor, Department of CSE, submitted her Ph.D. thesis entitled **Application of Deep Learning Models and Transfer Learning for the Classification of Brain Diseases from MRI Images** to Annamalai University, on 27th November 2023 under the supervision of **Dr R Bhavani**, Professor and Head of the Department CSE, Annamalai University, Chidambaram.

English

- **Mr G Raja Kumar**, Assistant Professor, submitted his Ph.D thesis entitled **Magical Realism as a Narrative Technique in the Select works of Salman Rushdie, Amitav Ghosh and Arundhati Roy**, under the supervision of **Prof. B Karuna**, Registrar, Acharya Nagarjuna University, on 15 September 2023.

Registration for PhD

- **Mr Ch Venkateswararao**, Asst.Prof. of IT, registered for Ph.D degree programme on **Computer Science & Engineering** in Pondicherry University- Kalapet, Puducherry, on 26 October 2023.

Achievements/Awards

Civil Engineering

- **Dr G Reddy Babu**, Professor, was appointed as an **Editorial Board Member** of Journal of Building Material Science (JBMS).
- **Dr G Reddy Babu**, Professor, received a **Certificate of Excellence** for reviewing an article in International Journal of Environment and Climate Change on 22 September 2023.
- **Dr G Reddy Babu**, Professor, received a **Certificate of Excellence** for reviewing an article in Current Journal of Applied Science and Technology on 5 August 2023.
- **Dr G Reddy Babu**, Professor, received a **Certificate of Excellence** in Reviewing an article in Asian Journal of Medicine and Health on 11 July 2023.
- **Dr S R K Reddy**, Adjunct Professor, was appointed as a **Building Committee Member** of Krishna University, Machilipatnam, on 11 July 2023.

- **Dr S R K Reddy**, Adjunct Professor was adjudged as the **Best Outgoing Faculty** from SRKR Engineering College Bhimavaram, by the organizing committee of Prasad Foundation, Hyderabad on 19 July 2023.
- **Dr A H L Swaroop**, Associate Professor and **Dr P Kodanda Rama Rao**, Professor of Civil Engineering authored a text book **Engineering Mechanics** and published it on August 2023.
- **Dr S Arun Chaitanya**, Asst. Professor acted as a Session Chair for International Conference on **Advances in Sustainable Construction Materials-2023** organized by the department of Civil Engineering, KL University on 1 December 2023.

Mechanical Engineering

- **Dr B Karuna Kumar**, Professor and Director of AS&A, was honored with the **Best Mechanical Engineering Teacher** award during the ISTE AP State Awards sponsored by Madanapalle Institute of Technology and Science (Autonomous), Madanapalle, in August 2023.
- **Dr P Ravindra Babu**, Chairman of Amaravathi Division-SAE India, Southern Section, Professor, and Advisor to the Management, was honored with the **Leadership Award** in appreciation of his leadership and extraordinary contributions towards SAE India, Southern Section, during the SAE-India Awards Ceremony on 21 October 2023
- **Dr K Ch Kishor Kumar**, Professor, received **Best Researcher Award** by Institution of Technical and Scientific Research (ITSR) and IE (I) Rajasthan State Center, Jaipur in August 2023.
- **Dr K Ch Kishor Kumar**, acting as **Reviewer** for *Silicon Journal*, Springer publication, *Advancement in Mechanical Engineering and Technology*, *Research and Development in Machine Design*, and *Journal of Mechanics and Machines* HBRP Publication in October 2023
- **Dr K Ch Kishor Kumar**, appointed as **Editor In-Chief** for *International Journal of Composite Materials and Matrices*, Journals Pub in October 2023.
- **Dr K Ch Kishor Kumar**, appointed as an **Editorial Board Member** for *Journal of Advancements in Material Engineering and Journal of Mechanical and Mechanics Engineering of MAT Journals* in July 2023
- **Mr D Tarun**, Asst. Prof, appointed as an **Editor** for the Book titled *Futuristic Trends in Robotics & Automation*, Iterative International Publishers (IIP) in July 2023



Dr P Ravindea Babu recieving the Leadership Award(2023)

Electronics and Communication Engineering

- **Mr P Anil Kumar**, Assistant Professor, received the **Best Paper Award** for the paper entitled **MR Image Reconstruction from Undersampled data using Multi Dense Residual Block Network with Spatial and Channel Attention Mechanism and Entropy Loss Function**, in **International Conference on Advances in Computational Intelligence and Communication (ICACIC 2023)** held at Puducherry Technological University, Puducherry from 07 to 08 December 2023.
- **Dr M Kamaraju**, Professor, Department of Electronics and Communication Engineering took part in **panel discussion** on the topic **How Advancements of Technologies lead to start ups?** along with **Dr T Kirubarajan (Kiruba)**, Professor and Distinguished Engineering Professor, Electrical and Computer Engineering Department, McMaster University, Canada, at National Small Industries Corporation Ltd (NSIC), Hyderabad, on 18 August 2023.
- **Dr Ch Bala Swamy**, Professor, received a token of appreciation for his service as a **reviewer** of the **6th International Conference on Information Systems and Management Science ISMS 2023** jointly organized by Department of Computer Science and Engineering, OP Jindal University, Raigarh, India and ICT University of Malta, Msida, Malta, IIT Bhilai, India from 23 to 24 December 2023.

Computer Science and Engineering

- **Dr T Srinivasa Rao** received the **Best Teacher Award** from the **Society for Learning Technologies** on 3 September 2023.
- **Dr Shaik Salma Begum**, successfully completed **Global Certification** on Oracle Cloud Infrastructure 2023 Certified Architect Associate.
- **Mr M N Satish Kumar**, successfully completed **Global Certification** on Oracle Cloud Infrastructure 2023 Certified Architect Associate.

- ✿ **Ms K Jyothsna Latha**, completed **Wipro Certified Faculty (WCF) Certification** through the digital skills readiness program. Additionally, she has been recognized as a mentor for project-based learning (PBL) in NET Full Stack from November 2023.

Information Technology

- ✿ **Dr P S S Sreedhar**, received **Certificate of Excellence in Peer-Reviewing** from B.P. International for reviewing the Book Chapter on 7 December 2023.
- ✿ **Dr P S S Sreedhar**, was awarded **Excellence Teaching in Higher Education-2023** from Deccan International Academic Publisher Awards, organized by DJ Academe, Tamil Nadu, India, in October 2023.
- ✿ **Mrs D Sridivya**, completed **The Talent Next certification assessment** recognized as a mentor for project-based learning (PBL) in NET Full Stack by Wipro Corporation on 10 November 2023.

Internet of Things

- ✿ **Dr Y Syamala, HoD, IoT and Dr Rohith Bala Jaswanth B, Assistant Professor** acted as **Reviewers** for The Fourteenth International Conference on Computing, Communication and Networking Technologies, ICCCNT-2023, held at Delhi, India, from 6 to 8 July 2023.

Master of Business Administration

- ✿ **Dr S Madhavi: Editor** of *Journal of Advanced Research in Operational and Marketing Management*.
- ✿ **Dr T S Leelavati: Editor** of *Journal of Advanced Research in HR and Organizational Management*.
- ✿ **Ms K Susmitha: Editor** for the *Journal of Advanced Research in accounting and Finance Management*.
- ✿ **Dr S Madhavi: Reviewer** for *Hindawi Journals*, September 2023.
- ✿ **Dr P V M.Raju: Reviewer** for the *Journal of Humanities and Social Sciences Communications*, October 2023.

FACULTY ENABLEMENT PROGRAMMES

Workshops/Conferences/Guest Lectures

Conducted

Electrical and Electronics Engineering

- ✿ A one-week virtual faculty development program on **Intelligent Control of Electrical Systems Using Machine Learning** was held with the following speakers from renowned universities from 16 to 20 October 2023: A lecture on **Implementation of neural network techniques in renewable energy systems using DSP controllers** was delivered by Dr Ujjwal Kumar Kalla, Prof. & HoD EEE, NIT Delhi, while Dr V Sandeep, Asst Prof. & HoD-EEE, NIT AP, gave an introduction to the audience on **Role of emerging techniques in electrical engineering and future directions**. **Dr Piyush Kanth**, Assistant Professor at IIT Kanpur, spoke on **Medium voltage drives, configurations and control**. **Dr K Siminaidu**, Assistant professor, BHU, presented a lecture on **Experimental implementation of doubly fed induction generator for wind energy conversion system**. **Dr Surendra Reddy**, Assistant Professor, Woosong University, discussed **Recent advances in renewable energy and electrical vehicle technologies**. **Dr D Koteswara Raju**, Assistant Professor, NIT Silchar, spoke about **Optimal energy management of micro grid using swarm intelligence based algorithms**, and, **Dr Chitti Babu**, Associate Professor, IIT Kanchipuram, spoke about **Grid synchronizing techniques**.

Electronics and Communication Engineering

- ✿ A Two Day Training Programme on **Design of Integrated Circuits using Microwind Tools** was conducted with the resource person **Mr S Rambabu**, Application Engineer, TechFLUENT Solutions Private Limited, Hyderabad from 30 to 31 August 2023. On 30 August 2023, **Mr S Rambabu** provided theoretical inputs on **Basics of ASIC Design and ASIC Vs FPGAs, Full Custom Flow and Semi Custom Design Flow, Latest Advancements VLSI Industry** and conducted a lab sessions on **Semi Custom Design Flow** which includes **Introduction to Microwind tools, Pyxis schematic and ELDO Simulator, RTL to GDS Flow** which includes Reading Verilog Netlist in Pyxis Layout, Floor-Planning Placement & Routing (PR), Physical Verification with Calibre (DRC, LVS, PEX) was done. On 31 August 2023, **Mr S Rambabu**, provided content relevant to lab sessions such as **Cell Based Design** which includes Floor planning, Placement, Routing, Physical Verification Using Industry Standard Calibre Tool (DRC, LVS, xRC). In this session, he emphasized about the layout creation from schematic and analyzed the parameters like power dissipation, delay etc. Later, he demonstrated about the process of post layout simulation and RC extraction (xRC). Finally, he demonstrated physical verification step using calibration tool (LVS).

Computer Science and Engineering and Information Technology

- ✿ A six-day workshop on **Chat GPT and AI Tools** was conducted with the resource person P Mohan, Senior Data Scientist, Tech Mahindra from 6 to 11 November 2023.

Artificial Intelligence & Data Science

- ✿ A guest lecture on **Generative AI** was conducted with the resource person Dr V Sunil Kumar, Director Data Science Ericsson, Bangalore on 23 November 2023.

Internet of Things

- ✿ A two-day Training Programme on **Design of Integrated Circuits using Microwind Tools** was conducted with the resource person **Mr S Rambabu**, Application Engineer, TechFLUENT Solutions Private Limited, Hyderabad from 30 to 31 August 2023.
- ✿ A one-week International Faculty Development Programme on **IoT, Industry 4.0 and Stress Management (Virtual Mode)** was held from 17 to 22 July 2023.

Attended

Civil Engineering

- ✿ **Dr G Reddy Babu**: one-day National Workshop on **Advances in Civil Engineering** held at S.V.University College of Engineering, S.V.University, Tirupati on 28 July 2023.
- ✿ **Mr K Ramu**: five-day Hands-on Workshop on **Drone Survey, Photogrammetry and Digitization of Maps for Engineering Applications** held at Presidency University, Bangalore from 21 to 25 August 2023.

Electrical and Electronics Engineering

- ✿ **Dr A Amarendra**: A one-week Workshop on **Artificial Intelligence and Machine Learning Applications to High Dimensional Power System Problems** held at University College of Engineering Kakinada, JNTU Kakinada from 31 July to 06 August 2023
- ✿ **Dr B Mahesh Babu**: A two-week Faculty Development Programme on **Entrepreneurship** was held at MLR Institute of Technology, Hyderabad from 24 July to 4 August 2023.

Mechanical Engineering

- ✿ **Dr M R Ch Sastry, Professor**: A one-week Online Short -Term Course on **Computational Fluid Dynamics: Introduction and Applications** organized by Dr B R Ambedkar National Institute of Technology, Jalandhar, from 04 to 08 July 2023.
- ✿ **Mr B V S Raghu Vamsi, Sr. Gr. Asst. Prof**: A one-week Online Short -Term Course on **Computational Fluid Dynamics: Introduction and Applications** organized by Dr B R Ambedkar National Institute of Technology, Jalandhar, from 04 to 08 July 2023.
- ✿ **Mr D Tarun, Asst. Prof**: A one-week Online Short -Term Course on **Recent trends in Additive manufacturing technologies (RTAM-2023)** organized by Prayojaka Technologies in partnership with National centre for additive manufacturing (NCAM), Hyderabad from 28 July to 01 August 2023.
- ✿ **Mr D Tarun, Asst. Prof**: A three-week Online Short -Term Course on **Manufacturing and Mechanics of Composites** organized by IIT Kharagpur from 04 to 25 September 2023
- ✿ **Dr T Narasimha Suri, Asst. Prof**: A NPTEL- Faculty Development Program (Online) on **Problem Solving Through Programming in C** organized by IIT Kharagpur from 15 July 2023 to 24 October 2023.
- ✿ **Dr L Ramesh, Asst. Prof**: A NPTEL- Faculty Development Program (Online) on **Robotics** organized by IIT Kharagpur from 15 July 2023 to 24 October 2023.

Electronics and Communication Engineering

- ✿ **Mr P Anil Kumar**: **MR Image Reconstruction from Undersampled data using Multi Dense Residual Block Network with Spatial and Channel Attention Mechanism and Entropy Loss Function**, in **International Conference on Advances in Computational Intelligence and Communication (ICACIC 2023)** held at Puducherry Technological University, Puducherry from 07 to 08 December 2023.
- ✿ **Dr M Kamaraju**: **A Multiple Llyods Approach for LIDAR Point Cloud Quantization and Communication and A Mutual Interference Mitigation Algorithm for Dense On-Road Automotive Radars Scenario**, in the **9th International Conference on Electronics, Computing and Communication Technologies, IEEE CONECCT** held at MSRIT, Bangalore from 14 to 16 July 2023.

- **Dr M Kamaraju:** A five-day Short-Term Course on **Emerging Semiconductor Material Technology, and Manufacturing** held at National Institute of Technology Rourkela from 04 to 08 December 2023.
- **Dr Ch Balaswamy:** A seminar on **Strengthening the Research and Digital Education Ecosystem: Elsevier Paving the Way** held at Elsevier Connect Seminar, on 31 October 2023.
- **Mrs T Venkata Lakshmi:** A two-day Faculty Development Program on **Design of Integrated Circuits using Microwind Tools** held at Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 30 to 31 August 2023.
- **Dr B Rajasekhar:** A one-week National Level Faculty Development Program on **Recent Advances in Electronics and Communication Engineering - An approach through AI & ML** held at Vignan's Nirula Institute of Technology and Science for Women, Guntur from 21 to 26 August 2023.
- **Dr B Rajasekhar:** A one-week International Faculty Development Program on **IoT, Industry 4.0 and Stress Management** held at Seshadri Rao Gudlavalleru Engineering College, in association with IETE Vijayawada Centre from 17 to 22 July 2023.
- **Mr Y Sri Chakrapani:** A one-week Online Faculty Development Program on **Quantum Signal Processing** held at Lakireddy Balireddy College of Engineering, Mylavaram from 14 to 20 December 2023.
- **Mr Y Sri Chakrapani, Dr K Srilakshmi, Mr P Anil Kumar, Ms V Priyadarshini, Ms B Naga Sirisha, Ms L Padmalatha, Ms G N Sandhya Devi, Ms D Leela Bhuvanewari, Mr M Galeeb, Ms S Aruna Kumari:** A two-day Faculty Development Program on **Design of Integrated Circuits using Microwind Tools** held at Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 30 to 31 August 2023.
- **Mr Y Sri Chakrapani:** A one-week National Level Faculty Development Program on **Recent Advances in Electronics and Communication Engineering- An approach through AI&ML** held at Vignan's Nirula Institute of Technology and Science for Women, Guntur from 21 to 26 August 2023.
- **Dr S Ravi:** A two-day Faculty Development Program on **Design of Integrated Circuits using Microwind Tools** held at Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 30 to 31 August 2023.
- **Dr S Ravi :** A NPTEL-AICTE Faculty Development Program on **“Demystifying Networking”** from July to August 2023.
- **Dr S Bhavani:** IEEE-APS workshop on **Trends, Technologies in Antennas and Panel Discussion** held at Pondicherry University on 29 December 2023.
- **Mr M Damodhar Rao:** A one-day in person one day workshop on **Leading the way: Navigating the Emerging Trends of AI & Electrification in Engineering Education** at JNTU Kakinada in association with Mathworks and Capricot on 15 September 2023.
- **Mr K Rushendra Babu:** A one-day in person one day workshop on **Leading the way: Navigating the Emerging Trends of AI & Electrification in Engineering Education** at JNTU Kakinada in association with MathWorks and Capricot on 15 September 2023.
- **Ms P Ramya:** A one-week International Faculty Development Program on **IoT, Industry 4.0 and Stress Management** at Seshadri Rao Gudlavalleru Engineering College in association with IETE Vijayawada Center from 17 to 22 July 2023.
- **MsV Sreelakshmi:** A one-week International Faculty Development Program on **IoT, Industry 4.0 and Stress Management** at Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru, in association with IETE Vijayawada centre from 17 to 22 July 2023.
- **Ms V Sreelakshmi:** A workshop on **VLSI to System Design: Silicon to End Application Approach** held at All India Council for Technical Education (AICTE), Arm Education and ST Microelectronics, from 31 July to 04 August 2023.
- **Ms L Padmalatha:** A one-week International Faculty Development Program on **“IoT, Industry 4.0 and Stress Management”** at Seshadri Rao Gudlavalleru Engineering College in association with IETE Vijayawada Centre from 17 to 22 July 2023.
- **Ms G N Sandhya Devi:** A one-week International Workshop on **Signal Processing using Machine Learning: Applications & Hands-on** held at School of Electronics Engineering (SENSE), VIT-AP University, Amaravati (AP), India and technically sponsored by MathWorks, IEEE Guntur Subsection, and IEEE VIT-AP Student Branch from 05 to 11 October 2023.

It is unwise to be too sure of one's own wisdom. It is healthy to be reminded that the strongest might weaken and the wisest might err. - Mahatma Gandhi

- ✿ **Dr T Anand Babu:** A one-week Faculty Development Program on **Enhancing Faculty Expertise: Communication and Signal/Image Processing (EF ECSIP-2023)** held at Aditya College of Engineering & Technology from 10 to 15 July 2023.
- ✿ **Dr T Anand Babu:** An eight-day National level Online Faculty Development Program on **Research Methodology using ChatGPT and AI tools** held at Marian College Kuttikanam (Autonomous) in association with The Kerala State Higher Education Council (KSHEC) from 21 to 29 September 2023.
- ✿ **Dr T Anand Babu:** A twelve-week Faculty Development Program on **Digital Image Processing** organized by NPTEL-AICTE, from July to September 2023.
- ✿ **Dr T Anand Babu:** An eight-week Faculty Development Program on **System Design Through Verilog** organized by NPTEL-AICTE, from July to September 2023.

Computer Science and Engineering

- ✿ **Dr G V S N R V Prasad, Dr M Babu Rao, Dr S Narayana, Dr Y Adilakshmi, Dr N Rajeswari, Dr T Srinivasa Rao, Dr G Sridevi, Dr Sk Salma Begum, Dr D Ragavamsi, Mrs G Bharathi, Dr K Bala Brahmeswara, Mrs Y V N Tulasi, Ms T Nagamani, Mr M N Satish Kumar, Mr K Amrutha sagar, Mr K Bhaskar, Ms A Apparna, Ms D Priyanka, Ms G Keerthi, Ms K Nandini, Ms K Srilakshmi, Mr T Bala Krishna, Ms L Dhana Lakshmi, Dr R Abinaya, Mrs Y Aditya, Ms K Jyothsna Latha, Dr N Siva Chintaiah, Ms P Reshma, Mr G Srikanth, Ms G Rajeswari, Ms P Pavani Sri Katyayini, Ms N Srivani, Ms P Divya Tejaswini, Ms Y Geetha Sri, Mr K Subrhamanyam, Mr PS Ganesh Kumar, Ms A Ramya, Mr A V P Rajesh, Mr D P V Phani Raja Kumar, Mr U Vinod Kumar, Mr P Rajesh, Mr T Kedhar:** A one-week workshop on Chat GPT and AI Tools held at Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 6 to 11 November 2023.
- ✿ **Mr K Amrutha sagar:** A fifteen-day Short Term Online Course on “Emerging Research Trends in Computer Science and Engineering” held at JNTU- Gurajada, Vizainagaram from 26 June 2023 to 10 July 2023.
- ✿ **Ms G Keerthi:** A one-week workshop on Artificial Intelligence and in Applications held at Chalapathi Institute of Technology, Guntur on 3-8 July 2023.
- ✿ **Ms G Keerthi:** A seven-week NPTEL-FDP on Data Science for Engineers held at NPTEL-AICTE on July- Sept 2023.
- ✿ **Mr L Dhana Lakshmi:** A one-week workshop on Cloud Infrastructure (AWS) held at Annamacharya Institute of Technology & Sciences, Kadapa, and Andhra Pradesh from 21 to 25 August 2023.

Information Technology

- ✿ **Mr Y K Viswanadham, D.Sridivya,** attended a one-week FDP ‘**IoT, Industry 4.0 and stress management**’, organised by Dept. of IOT, SRGEC, in association with IETE, from 17 to 22 July 2023.

Internet of Things

- ✿ **Mr K V Venkateswara Rao and Mr CH V D Ashok Kumar,** Assistant Professors of IoT, attended a two-day workshop on **Computer Vision Driven UAV Applications in Precision Agriculture** held from 8 - 9 September 2023, organized by **Indian Institute of Information Technology**, Sri City, Andhra Pradesh, India.
- ✿ **Mr Shaik Bajivali and Mr. Kanna Anil Kumar,** Assistant Professors of IoT, attended a two-day National workshop on **Applied Python and IoT with Raspberry pi**, held between 10 and 11 April 2023 organized by Department of Electronics and Instrumentation Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh

Master of Business Administration

- ✿ **Dr P V M Raju,** attended an eight-day National Faculty Development Programme on **Case Based Learning, teaching, Writing and publication** organized by Department of Management Studies, VFSTR Deemed to be University, Vaddlamudi, Guntur Dist, Andhra Pradesh, from 25 September to 2 October 2023.
- ✿ **Dr Y V Naga Kumari, Dr G Kamal, Mr T Hemanth Kumar, Mr M Vinod:** **Exploring the Impact of Artificial Intelligence on Business Value in the Era of Digital Transmission**, at 3rd International Conference on Cognitive & Intelligent Computing (ICCIC) organized by Vasavi College of Engineering, Hyderabad from 8 to 9 December 2023.

Guest Lectures/ Keynote Addresses

Electronics and Communication Engineering

- **Dr S Ravi**, Associate Professor, delivered a Special Talk on **Startup: A Daring Step for Successful Entrepreneurs** at CMR Engineering College, Hyderabad, Telangana on 09 December 2023.
- **Prof M Kamaraju**, Director(AS&A), delivered a talk on **Fundamentals of VLSI Design** in a one-week ATAL FDP on Recent Advancements in VLSI Design and Fabrication from Theory and Practice at Dhanekula Institute of Engineering and Technology, Vijayawada on 04 December 2023.
- **Dr B Rajasekhar**, Professor & HoD and IETE Chairman, Vijayawada Centre, delivered a Guest Lecture on **Image Processing and its Applications** at SRK Institute of Technology, Vijayawada, on 06 October 2023.
- **Dr B Rajasekhar**, Professor & HoD and IETE Chairman, Vijayawada Centre, acted as Chief Guest in the **Inauguration of IETE Students Forum (ISF)**, Department of ECE at Amrita Sai Institute of Science & Technology, Paritala on 15 September 2023.

Information Technology

- **Dr D N V S L S Indira** delivered a Lecture on **Cyber Security** as one of the Resource Persons at **National Conference on Emerging Trends in Computational Science & Technology-2023**, organized by KBN college, Vijayawada from 29 to 30 September 2023.

English

- **Dr Ramanujam Parthasarathy**, Director, ELT Centre, gave a guest lecture (in workshop mode) on **Strategies for Success in Oral Communication** at SRR & CVR Government College, Vijayawada, on 30 September 2023.

Performance of Faculty in NPTEL Online Certification Courses

National Programming on Technology Enhanced Learning (NPTEL) is an initiative of the seven Indian Institutes of Technology (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) and Indian Institute of Science Bangalore (IISc) for creating video and web course contents in engineering and science.

Civil Engineering

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|---------------------|-------------|------------------------------------|------------|---------------|
| 1 | Dr S Arun Chaitanya | Asst. Prof. | Design of Steel Structures | 65 | Elite |
| 2 | Mr M Durgarao | Asst. Prof. | Municipal Solid waste Management | 68 | Elite |
| 3 | Ms U Pallavi | Asst. Prof. | Wastewater Treatment and Recycling | 60 | Elite |

Electrical and Electronics Engineering

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|---------------------|-------------|---|------------|------------------------|
| 1 | Dr B Madhu Kiran | Assoc. Prof | Fundamentals of Electrical Engineering | 55 | Successfully Completed |
| 2 | D Vijay Arun | Asst. Prof | Control Systems | 81 | Elite+Silver |
| 3 | B Rama Krishna | Asst. Prof | Electrical Measurement and Electronic Instruments | 79 | Elite+Silver |
| 4 | Sufia Khanam | Asst. Prof | Digital Circuits | 67 | Elite |
| 5 | Sk Rizwana | Asst. Prof | Fundamentals of Electrical Engineering | 80 | Elite+Silver (Top 5%) |

Mechanical Engineering

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|---------------------|-------------|--|------------|------------------------|
| 1 | Dr L Ramesh | Asst. Prof. | Robotics | 94 | Elite+Gold Top 1% |
| 2 | Dr T Narasimha Suri | Asst Prof | Problem Solving Through Programming in C | 60 | Elite |
| 3 | Mr D Tarun | Asst Prof | Computer Graphics | 58 | Successfully Completed |
| 4 | Dr G V Jagadeesh | Asst. Prof. | Programming, Data Structures and Algorithms Using Python | 61 | Elite |

Electronics and Communication Engineering

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|--------------------------|--------------|--|------------|------------------------|
| 1 | Mr Y Mamillu | Asst. Prof. | System Design Through Verilog | 70 | Elite |
| 2 | Ms S Karuna | Asst. Prof. | Digital Circuits | 66 | Elite |
| 3 | Mr M Galeeb | Asst. Prof. | System design through Verilog | 76 | Elite |
| 4 | Ms M Lakshmi Tirupatamma | Asst. Prof. | Digital Circuits | 69 | Elite |
| | | | Problem Solving Through Programming in C | 58 | Successfully Completed |
| 6 | Ms D Leela Bhuvanewari | Asst. Prof. | System Design Through Verilog | 62 | Elite |
| 7 | Mr K Ravikumar | Asst. Prof. | Digital Circuits | 56 | Successfully Completed |
| 8 | Mr Ch. Suresh | Asst. Prof. | Digital Circuits | 65 | Elite |
| 9 | Dr T Ananda Babu | Asst. Prof. | System Design Through Verilog | 92 | Elite (Top 1%) |
| | | | Digital Image Processing | 91 | Elite (Top 1%) |
| 10 | Dr S Ravi | Assoc. Prof. | Demystifying Networking | 88 | Elite (Top 1%) |

Computer Science and Engineering

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|----------------------|----------------------------|--|------------|------------------------|
| 1 | Dr K Bala Brameswara | Sr. Scale. Gr. Asst. Prof. | Data Mining | 83 | Elite+Silver |
| | | | Problem Solving through Programming in C | 56 | Successfully Completed |
| 2 | Ms G Keerthi | Asst. Prof. | Data Science for Engineers | 64 | Elite |
| 3 | Mr G Srikanth | Asst. Prof. | Problem Solving through Programming in C | 60 | Elite |
| 4 | Ms K Nandini | Asst. Prof. | The Joy of Computing Using Python | 73 | Elite |

Information Technology

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|------------------------------|-------------|--|------------|------------------------|
| 1 | Mr M Naga Raju | Asst. Prof. | Cloud Computing | 71 | Elite |
| 2 | Ms T Sumallika | Asst. Prof. | Programming in Java | 73 | Elite |
| 3 | Mr Ch Venkateswara Rao | Asst. Prof. | Programming In Java | 75 | Elite+Silver |
| 4 | Ms T Indra Deepika | Asst. Prof. | Problem Solving through Programming in C | 67 | Elite |
| 5 | Ms Dasari Elsie Gnana Shiney | Asst. Prof. | Operating System Fundamentals | 54 | Successfully Completed |
| 6 | Mr Rama Koteswara Rao | Asst. Prof. | Cloud Computing | 60 | Elite |
| 7 | Ms T Hemalatha | Asst. Prof. | Problem Solving through Programming in C | 58 | Successfully Completed |
| 8 | Ms Ch Pooja Rani | Asst. Prof. | Computer Architecture | 65 | Elite |

Artificial Intelligence & Data Science

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|---------------------|-------------|--|------------|---------------|
| 1 | Mr T Mothilal | Asst. Prof. | Java Programming | 87 | Elite+ Silver |
| | | | Problem Solving through Programming in C | 77 | Elite+Silver |
| 2 | Ms K Divya | Asst. Prof. | Cloud Computing | 72 | Elite |

Internet of Things

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|-------------------------|-------------|------------------------------------|------------|------------------------|
| 1 | Ms N Gowthami | Asst. Prof. | Cloud Computing | 76 | Elite+Silver |
| 2 | Mr Shaik Bajivali | Asst. Prof. | Digital Circuits | 55 | Successfully Completed |
| 3 | Mr K V Venkateswara Rao | Asst. Prof. | System Design Through Verilog | 61 | Elite |
| | | | Introduction to Internet of Things | 76 | Elite+Silver |

Basic Sciences and Humanities

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|---------------------|-------------|---------------------------|------------|-------------------|
| 1 | Dr P Sumalatha | Asst. Prof. | Conservation Geography | 100 | Elite+Gold Top 1% |
| 2 | Mr M Pothu Raju | Asst. Prof. | Foundations of R Software | 79 | Elite + Silver |
| 3 | Ms V Sandhya | Asst. Prof. | Numerical Methods | 56 | - |

English

| Sl.No | Name of the Faculty | Designation | Course Registered | % of Marks | Grade Secured |
|-------|---------------------|-------------|--|------------|---------------|
| 1 | Mr B Naga raju | Asst. Prof. | History of English Language & Literature | 65 | Elite |
| 2 | Mr Ch Nagarajuna | Asst. Prof. | Technical English for Engineers | 68 | Elite |
| 3 | Mr P Rajesh | Asst. Prof. | Technical English for Engineers | 65 | Elite |
| 4 | Mr C Surya Prakash | Asst. Prof. | Technical English for Engineers | 69 | Elite |

PAPER PRESENTATIONS

International/ National

Artificial Intelligence & Data Science

- ✿ **Mr K Ashok Reddy : X-ray Image Analysis using Deep Learning Techniques** at the Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS) Systems held on 2023.
- ✿ **Mr K Ashok Reddy : Comparative Examination of Credit Card Fraud Detection Using Machine Learning Algorithms** at the International Conference on Evolutionary Artificial Intelligence (ICEAI) Systems held on 2023.
- ✿ **Mr K Ashok Reddy : IOT Enhanced Food Supply System For Multi-Cropping Aquaculture** at the International Conference on Computer Science Industrial Electronics (ICCSIEI) held on 2023.
- ✿ **Mr K Ashok Reddy : Comparative Analysis for Loan Approval Prediction Systems Using Machine Learning Algorithms** at the International Conference on Computer Communication technologies(IC3T) Systems held on 2023.

Basic Sciences and Humanities

- ✿ **D K Pavan Kumar : Solution of a boundary value problem involving journal class of polynomials , strube's function and Pragathi Satyanarayana's I-function of one variable** at the International Conference on recent advances in Science, Technology, Engineering, Management and social science held at Ethiopia and Karpaga Vinayaga College of Engineering and Technology, Chengal Pattu, from 6 to 8 October 2023.

PUBLICATIONS

Journal/Conference/Workshop Publications

Civil Engineering

- ✿ **Dr G Reddy Babu: Feasibility of Reverse Osmosis (RO) Plant Wastewater for Rescue in Cement Mortar** on 28 September 2023 in *Research and Developments in Engineering Research* Vol. 7. B P International, pp. 33-44. ISBN 978-81-19491-99-5 on 28 September 2023
- ✿ **PadavalaSiva Shanmukha Anjaneya Babu and Subhashish Dey: Bond strength of fly ash and silica fume blended concrete mixes**, *Asian Journal of Civil Engineering*, (pp. 1-15), July 2023, ISSN 1563-0854.
- ✿ **Subhashish Dey, G. T. N. Veerendra, and Obulasetti Aparna: A systematic analysis of retrofitting tools in the residential buildings to improve the energy performances by using the STAAD Pro Software**, *Innovative Infrastructure Solutions*, (pp. 221), August 2023, ISSN2364-4176.
- ✿ **Subhashish Dey: Performance characteristics of sugarcane bagasse ash and quarry dust in concrete**, *Architecture, Structures and Construction*, (pp. 347-372), September 2023, ISSN 2730-9886.
- ✿ **PadavalaSiva Shanmukha Anjaneya Babu, Subhashish Dey, G T N Veerendra, and AV Phani Manoj: Performance evaluation of ternary blended cement concrete partially replacement of natural sand with granite quarry dust**, *Hybrid Advances*, (pp.100082), December 2023, ISSN2773-207X.
- ✿ **Subhashish Dey: Application of remote sensing and geographic information system in solid waste management for Gudivada Municipality, Andhra Pradesh, India**: *Waste Management Bulletin*, (pp. 128-140), December 2023, ISSN2949-7507.
- ✿ **Madasu Durga Rao and Subhashish Dey: Characterization of fiber reinforced self-compacting concrete by fly ash and cement**, *Chemistry of Inorganic Materials*, (pp. 100010), December 2023, ISSN2949-7469.
- ✿ **Subhashish Dey, Ganugula Taraka Naga Veerendra, PadavalaSiva Shanmukha Anjaneya Babu, and AV Phani Manoj: Evaluate the use of flower waste biosorbents for treatment of contaminated water**, *Water-Energy Nexus*, (pp. 187-230), December 2023, ISSN 2588-9125.

Electrical and Electronics Engineering

- ✿ **Dr G Srinivasa Rao: Planning of distribution system considering residential roof top photovoltaic systems, distributed generations and shunt capacitors using gravitational search algorithm**. *Computers & Electrical Engineering*, (pp.108960), Volume III, November 2023, ISSN: 1879-0755
- ✿ **Dr B Mahesh Babu: Route planning for an autonomous robotic vehicle employing a Weight-Controlled particle Swarm-Optimized Dijkstra algorithm**. *IEEE Access*, (pp. 92433–92442), Volume. 11, August 2023.
- ✿ **Dr G Srinivasa Rao, Dr.J.Kiran: Strategic Planning of Distribution Network integrated with EV Charging Stations using Fuzzy Pareto Optimality for Performance Improvement and Grid-side Emission Reduction Benefits**. *Sustainable Energy, Grids and Networks*, Volume 36, December 2023.

Mechanical Engineering

- **Mr Prabhakara Rao Ganji:** Tribological characteristics of spark plasma sintered Al-6 wt. %SiC composite explored by gray-fuzzy optimization approach. *Journal of Materials Engineering and Performance*, P.1-15. 02, ISSN 023-08549.
- **Mr Jagadeesh, G V, Mr K Ch Kishor Kumar, Mr P Ravindra Babu, Mr S B K Reddy, and Mr D Kiran Prasad:** Investigation on tribological characteristics of ball burnished Mg Ze41A alloy by ANOVA and ANFIS techniques: *Materials Today: Proceedings*, P.1-5.
- **Mr Kothuri Chenchu Kishor Kumar:** Artificial neural network modeling of tribological parameters optimization of AZ31-SiC metal matrix composite, *Applied Engineering Letters*, P.111-120, Vol.8, No.3, e-ISSN: 2466-4847.
- **Mr K Ch Kishore Kumar:** Evaluating and optimizing surface roughness using genetic algorithm and artificial neural networks during turning of AISI 52100 steel, *International Journal on Interactive Design and Manufacturing, Springer*, P.1-6,05, ISSN.023-01549
- **Mr Vamsi, B Venkata Sai Raghu and Prof. Malladi R Ch Sastry:** Numerical Analysis of the Fluid Flow and Heat Transfer Characteristics of Impinging Air Jets, *Journal of Engineering Science and Technology: Vol.18 (4)*, ISSN.2091-2108.
- **M Gonela, Karuna Kumar:** Effect of robotic weaving motion on mechanical and microstructural characteristics of wire arc additively manufactured NiTi shape memory alloy, *International Journal of Materials Research: P.10-11,114*, ISSN: 2195-8556
- **Mr Vamsi, B Venkata Sai Raghu and Malladi R Ch Sastry:** Heat Transfer Prediction In Impinging Jets Using Artificial Neural Networks, *JP Journal of Heat and Mass Transfer: P.103-142, 36*, P-ISSN: 0973-5763

Computer Science and Engineering

- **Dr Adilakshmi Yannam, Dr Shaik Salma Begum:** Deep Learning-based Nutrient Deficiency symptoms in plant leaves using Digital Images at the *IEEE Second International Conference on Advances in Computational Intelligence and Communication*, IEEE ICACIC 2023, on 7 December 2023.
- **Dr Adilakshmi Yannam, Dr Shaik Salma Begum:** Advancements in Pneumonia Detection from Chest X-ray Images: Deep Learning Solutions for Improved Medical Diagnosis at the *3rd International Conference on Computational Intelligence in Machine Learning (ICCIML-2023)*, on 24 November 2023.

Information Technology

- **Kavitha Chaduvula , D N V S L S Indira:** Quantum edge detection of medical images using novel enhanced quantum representation and hill entropy approach, *Journal of Signal, Image and Video Processing*(Springer link), Volume 18, Issue 2, pp 1803-1819,December 2023.
- **B Srinivasukumar:** Improved Multi-Path Trust Routing for Improving QoS in Heterogeneous IoT based WSN *MuktShabd Journal*(pp.1802-1815), July 2023, ISSN :2347-3150
- **B Srinivasukumar:** A Learning based Secure Routing Approach using Deep Reinforcement Learning in IoT Integrated Wireless Sensor Network, *IJRITCC*, (SCOPUS Indexed), (pp.5182-5185),August 2023 ISSN: 2321-8169.
- **T Sumallika:** Sugar cane leaf disease classification and identification using deep machine learning algorithms, *JTAIT* ,October 2023, ISSN:1992:8645.
- **Y K Viswanadham:** Cloud Infrastructure Security Using a Hybrid AES Encryption Model, *Springer journals*, December 2023.
- **Y K Viswanadham,** An Identification and Categorization of Plastic Material using Deep Learning Approach, *ICPCSN*, October 2023, DOI: 10.1109/ICPCSN58827.2023.00054.

Artificial Intelligence & Data Science

- **Dr Kalyanapu Srinivas:** Quantum edge detection of medical images using novel enhanced quantum representation and hill entropy approach, *Journal of Signal, Image and Video Processing*(Springer link), Volume 18, Issue 2, pp 1803-1819,December 2023.

Internet of Things

- **Dr Y Syamala, Dr B R B Jaswanth:** IoT Based Vital Signs Monitoring System for Improved HealthCare Delivery, *International Conference on Internet Of Things, Communication, Intelligence and Computing (IC-ICIC-2023)* conducted by Shridevi Institute of Engineering and Technology, Chennai from 24 to 25 September 2023.

- ✳ **Dr Y Syamala, Dr B R B Jaswanth: Advanced Interoprrable Framework for Real-Time Predictive Analysis Leverging Machine learing and IoT in Smart Health Monitoring System** in *International Conference on Innovative Electrical ,Computer and Energy Technologies (ICECET -2023)* conducted by Cape Town-South Africa,16 to 17 September 2023.

Master of Business Administration

- ✳ **Dr T S Leelavati, Dr S Madhavi, Dr G Kamal , Dr P V M Raju, Ms K Susmitha Mr M Vinod: Revolutionizing Healthcare Delivery: Telemedicine's Influence on Access and Patient Satisfaction** in *International Journal of Chemical and Biochemical Sciences (SCOPUS journal)*, 106-115, 24(5)November (2023), ISSN: 2226-9614.
- ✳ **Dr T S Leelavati, Dr S Madhavi, Dr K Susmitha: Exploring University Student Attitudes, Beliefs, and Alcohol Usage Patterns: An Investigation into Alcohol and Drug Use within the Student Lifestyle** in *Journal of Drug and Alcohol Research (SCOPUS journal)*, Vol. 12 (2023), 26 September 2023, ISSN: 2090-8342
- ✳ **Dr T S Leelavati: Pharmacoeconomic Analysis of Biologic vs. Biosimilar Therapies in Rheumatoid Arthritis** in *International Journal of Chemical and Biochemical Sciences (SCOPUS journal)*, 395-400, 24(4) October (2023), ISSN: 2226-9614.
- ✳ **Dr S Madhavi, Dr T S Leelavati: Mitigating Data Bias in Healthcare AI: Strategies and Impact on Patient Outcomes** in *Journal of Advanced Research in Quality Control and Management*, pp1-5, Vol. 8(2) 2023, ISSN: 2582-3280.
- ✳ **Dr S Madhavi, Dr T S Leelavati: Technology for Recycling of Used Diapers Waste** in *Journal of Advanced Research in Operational and Marketing Management*, pp12-20, Vol. 6, issue2, 2023 , ISSN: 2582-5399.
- ✳ **Dr T S Leelavati, Dr S Madhavi, Ms K Susmitha: Unleashing the Power of Options: Profitable Strategies for Nifty Fifty Index Trading** in *Journal of Advanced Research in Service Management* Volume 6, Issue 2 - 2023, Pg. No. 26-35.
- ✳ **Ms K Susmitha, Dr T S Leelavati, Dr S Madhavi: Influence of Behavioral Finance in Making Investment Decisions** in *Journal of Advanced Research in Public Policy and Administration* Volume 7, Print Issue 2 - 2023, Pg. No. 29-32.

Basic Sciences and Humanities

- ✳ **Dr S Suresh : Hydro Thermal synthesis and Micro – Structural, Optical and Luminescence Properties of Core-Sheel Hetero Structure CdS/Zn3 (PO4)2Nanocompostie** - *Asian Journal of Chemistry* (pp.1836-1842), July 2023, ISSN 09707077
- ✳ **Dr Sk Bajivali: Anion Receptors Based on Hydroquinone for Binding to Redox-Seitchable Chloride**, *European Chemical Bulletin* (pp.2197-2205), July 2023, ISSN 2063-5347.
- ✳ **Dr P Sumalatha: Climate change mitigation: innovative strategies and policies in the 21st century**, *Journal of Habrin Engineering University* (pp.1929-1937), August 2023, ISSN 1006-7043.
- ✳ **Dr P Vijaya Lakshmi: Colosal negative electrocaloric effects in anti-ferroelectric PLZST bulk ferroelectrics for solid state refrigeration**, *Journal of material science: Material in Electronics* (pp.1-7), November 2023, ISSN 1006-7043.

BOOK CHAPTERS

Basic Sciences and Humanities

- ✳ **Dr P Sumalatha: The Effects of Pollution on Air Quality and Human Health: Mitigation and Policy**” book enterted “ *Fusion of Knowledge: Multi disciplinary persecutes in Research*” September 2023, ISBN 978-93-5879-211-9.

BOOKS

Computer Science and Engineering

- ✳ **T Nagamani, Dr Bala Brahmeswara, K Jyothsna Latha:** published book **Full Stack Application Development**, ISBN: 978-93-100-0054-2, Immortal publications, August 2023.

Information Technology

- ✳ **Dr Siva Satya Sreedhar Purilla, Prof. Nilesh Dhannaseth, Theory of Computation**, Scientific International Publishers, September 2023, with ISBN 9789357576512.
- ✳ **B Srinivasukumar, Dr S G Santhi, Dr S Narayana, 2023**, published a book chapter on **Sailfish Optimizer Algorithm (SFO) for Optimized Clustering in Internet of Things (IoT) Related to the Healthcare Industry**,

Print ISBN:9781119839200 | Online ISBN:9781119839569, First published: 27 October 2023, WILEY, © 2023
Scrivener Publishing LLC <https://onlinelibrary.wiley.com/doi/10.1002/9781119839569.ch19>.

PATENTS

Published/ Filed

Mechanical Engineering

- A patent was granted to **Mr G V Jagadeesh on Process of forming three dimensional objects with enhanced degradability by Patent Office, Government of India** with application No: 444555 on 17 August 2023.

Electronics and Communication Engineering

- A patent with number 446184 was granted to **Dr B Rajasekhar, Dr M Kamaraju, Dr V Sumalatha** for an invention entitled **Automatic Clog Removable Sink**, on 21 August 2023 for a term of 20 years.
- A patent with number 6292977 was granted to **Dr S Koteswari, Dr S Ravichand, Dr K Sindhuri, Ms N Mary Leena, Ms S Karuna, Mr K Sekhar Babu** for an invention entitled **Wireless Medical Appliance Controlling Device**, on 06 July 2023 for a term of 20 years.

Information Technology

- A patent was granted to **Dr Siva Satya Sreedhar Purilla, Mr Melam Nagaraju, Mr Badugu Sobhan Babu, Mr Tedla Balaji**, for an invention entitled **AI Based Driver Drowsiness Detecting Device** UK Design Patent Grant with Design Number 6304504, on 25 September 2023.
- A patent was granted to **Mrs T Sumallika on Method and System for Anomaly Detection in Identification Management by Human Resource (HR) using Artificial Intelligence** with Application No: 202341000564 on 4 July 2023.

R&D ACTIVITIES

Consultancy Work

Civil Engineering

- The Department of Civil Engineering is engaged in many consultancy projects for **Rs. 96,500/-** spanning from 01 July 2023 to 31 December 2023 from various clients such as; **ONGC- Rajahmundry, Mega Engineering infrastructure's limited** – Dokiparru, Local clients from Gudivada, Machilipatnam, Rajamahendravaram and Machilipatnam Municipal corporation. The cell had taken up works related to designing of **rig foundations and Grama Sachivalayam & School buildings in the villages of Krishna District and laboratory tests related of steel, aggregates, bricks, Water, soil, cement and fly ash bricks.**
- Research Center inspection was successfully completed by the JNTUK Kakinada team with **Dr V Ravindra**, Director R&D as the chairman and **Dr M Swaroopa Rani**, Director EW&G as a member on 23 November 2023.

Electronics and Communication Engineering

- **Dr M Kamaraju, Dr B Rajasekhar, Mr Y Sri Chakrapani, Mr G Ramakrishna** have been granted an amount of **Rs.50,000/-** for the project titled **Automatic Speech Emotion Recognition using Self-attention based Deep Learning with Optimal Feature Selection Approach** in association with SAK Informatics Pvt. Ltd., Hyderabad in September 2023.

MOUs

Electrical and Electronics Engineering

- A **Memorandum of Understanding (MoU)** between Department of Electrical and Electronics Engineering, Seshadri Rao Gudlavalluru Engineering College, Gudlavalluru and **Indwell Automation, Mangalore** took place on 28 August 2023. The objective of this memorandum of understanding is to **bridge the gap between the industry and the institution on a continual basis by mutual co-operation through an exchange of innovative ideas from either side.**

Mechanical Engineering

- An MoU with **Indwell Automation, Mangalore** was signed for 5 years from 28 August 2023 to 28 August 2028, to train the faculty and students in the domain of PLC Applications and Automation Industry.

TRAINING AND PLACEMENT ACTIVITIES

Pre-Placement Training to the Class of 2024

- ✱ **2 weeks of Technical Training Classes** on (Python Full Stack) for the Class of 2024 (CIVIL, EEE & ME branches) were held for registered students from 03 to 15 July 2023.
- ✱ **Accenture Specific Online Training Classes** were held from 26 to 31 October 2023 for all the students by external trainers.
- ✱ **Mock Interviews were conducted for the Class of 2024 B.Tech. students by T&P Department Coordinators on 28 November 2023 for 288 Accenture shortlisted candidates and feedback was provided to the students by the coordinators.**

Pre-Placement Training to the Class of 2025

- ✱ Conducted **Problems Solving Enhancement (CE, EEE & ME)** and **Competitive Coding (ECE, CSE, IT, AI&DS, IOT & CSE-AI&ML)** by External Experts from Monday to Wednesday of every week. Each student was imparted 2 hours of training and 2 hours of Lab practice sessions per week during **III B.Tech. I Semester**.

Pre-Placement Training to the Class of 2026

- ✱ Conducted **Logic Building and Basic Coding Principles (CE, EEE & ME)** and **Logic Building and Algorithmic Programming (ECE, CSE, IT, AI&DS, IOT & CSE-AI&ML)** by External Experts from Thursday to Saturday of every week. Each student was imparted 2 hours of training and 2 hours of Lab practice sessions per week during **II B.Tech. I Semester**.

Placement Activities

Placements for the Class of 2024 (from 01 July 2023 – 31 December 2023)

- ✱ **M/s. CIAV** executives conducted Overseas Higher Education Awareness Camp for the Class of 2024 & 2025 on 23 August 2023. After addressing the students, the executives conducted individual counseling sessions to all the students whoever approached the counseling desk at T&P Cell.

Total Placements for the Class of 2023 (01 July 2023 – 31 December 2023)

| Batch | Civil | EEE | ME | ECE | CSE | IT | AI&DS | IOT | MBA | Total |
|----------|-------|-----|----|-----|-----|----|-------|-----|-----|-------|
| 2020-24* | 10 | 17 | 37 | 56 | 86 | 61 | 38 | 26 | 1 | 332* |
| 2019-23 | 28 | 80 | 98 | 288 | 265 | 79 | 65 | NA | NA | 903 |

SPORTS

University Blues

SRGEC is very proud of its 'NINE' University blues.

Out of which, eight students got selected to JNTUK teams to represent University in various tournaments: Basket Ball, Volley Ball, Table Tennis, Kho-Kho. One student represented athletics.

- ✱ **PSriram** and **PM V Saikiran** of IV B.Tech (IT) participated in South Zone Inter – University Basket Ball tournament at University of Kerala, Kerala from 13 to 18 November 2023.
- ✱ **PKeerthi** of IV B.Tech (ECE) participated in South Zone Inter – University Basket Ball tournament at Jain University from 25 to 28 December 2023.
- ✱ **Ch Sushma** of IV B.Tech (IT), **K Anitha** of III B.Tech (IOT) and **T Meghana** of III B.Tech (CSE) participated at South Zone Inter – University Volley Ball tournament at Padmavathi Viswa Vidyalam, Tirupathi from 27 to 31 December 2023.
- ✱ **A Hema Sankeerthana** of III B.Tech (IOT) participated in South Zone Inter – University Table Tennis tournament at AMIT University, Madras from 22 to 24 December 2023.
- ✱ **T Nikhitha** of III B.Tech (IT) participated in South Zone Inter – University Kho-Kho tournament at Central University of Tamil Nadu, Chennai from 26 to 30 December 2023.
- ✱ **V Grace Vijaya** of III B.Tech (CSE) participated in South Zone Inter – University Athletics tournament at KIIT University, Bhubaneswar from 26 to 29 December 2023.

Humility isn't denying your strengths; it's being honest about your weaknesses. - Rick Warren

Achievements

Overall Championship:

Won Women Overall Championship in JNTUK Inter Collegiate Athletics Championship at Aditya Engineering College, Surampalem during 16-17 December 2023.

V Grace Vijaya (21481A0504) received a **Gold Medal** in 800 mts Running, **K Pujitha** (21481A02C8) won a **Gold Medal** in Shot put, **K Anitha** (21481A6028) received two **Gold Medals** in Discuss & Javelin throws, **K Vijaya Varama** (23485A0134) won a **Gold Medal** in 5000 mts run & received a **Silver Medal** in 1500 mts, **K Uma Maheswarai**, **V Grace Vijaya**, **T Nikitha** & **K Anitha** received **Silver Medals** in 4X400mts relay run, **T Nikhitha** (21481A1251) won **Silver Medals** in 1500 mts & 10000 mts, **K Uma Maheswarai** (215A05848) received a **Bronze Medal** in long jump.

The Women players of SRGEC bagged 31 points and won the Overall Championship.



Women Athletics Overall championship

- Eight students got selected to Andhra Pradesh Rope Skipping (men & women) teams. **J K V S Reddy** (20481A5423), **SD Baji** (20481A0187), **N Yesubabu** (20481A0163), **P Naga Srihari** (20481A0169), **K Uma Maheswari** (21485A0548), **K Lakshmi** (22485A0420), **T Nikhitha** (21481A12F1), **V Grace Vijaya** (21481A0504), participated in 24th RSFI National level rope skipping championship (men & women) 2023-24 Tournament hosted by Mitai Thakare Stadium, Panchavati, Maharashtra, from 29 September to 02 October 2023.

16th AP State Rope skipping championships (Men & Women) at S CH B R M, Bhimavaram, AP.

- Rope Skipping (W) – **Speed Sprint Relay**: **K Umamaheswari** (21485A0548), **T Nikhitha** (21481A12F1), **K Lakshmi** (22485A0420), **V Grace Vijaya** (21481A0504) secured the Third Place.
- Rope Skipping (M) – **Double Dutch Speed Relay**: **N Yesubabu** (20481A0163), **SD Baji** (20481A0187), **P Naga Srihari** (20481A0169), **Sk Imran Nazeer** (20481A0279) secured the Third Place.
- Rope Skipping (M) – **Endurance**: **SD Baji** (20481A0187) secured the Third Place.
- Rope Skipping (M) – **Speed Sprint Relay**: **J K V S Reddy** (20481A5423), **SD Baji** (20481A0187), **G Dhanujay Reddy** (20481A1253), **Sk Imran Nazeer** (20481A0279), secured the Second Place.



Rope Skipping Team

JNTUK INTER-COLLEGIATE TOURNAMENTS (Men & Women):

- I Vasudha** (20481A0357), **M K Rajitha** (20481A12C3), **K Anitha** (21481A6028), **K Pujitha** (21481A04C8), **T Meghana** (22485A0523), **K Uma Maheswari** (21485A0548), **M Nisha** (21481A04D3), **G V S Jyoshnavi** (22481A0576), **Sk N Chandini** (22481A04M0) are the Winners in Kabaddi Tournament hosted by RICE Krishna Sai Group of Institutions, Ongole from 14 to 15 November 2023.
- Ch Sushma** (20481A1227), **K Anitha** (21481A6028), **K Pujitha** (21481A04C8), **T Meghana** (22485A0523), **K Uma Maheswari** (21485A0548), **J Sri Vani** (22481A0585), **J Rohitha** (22481A1271), **N Naga Durga** (21485A0226), **K Lakshmi** (22485A0420), **D Ramya** (22485A0110), are the Winners in Volley Ball (W) and **P M V Sai Kiran** (20481A12E7), **N Manikanta** (20481A12C6), **P Sriram** (20481A12E4), **L Naveen Kumar** (22481E0028), **A Mahith Sai Reddy** (21481A0510), **P Abhinav** (21481A0401), **A V S K Chowdary** (21481A0404), **R Bhaskar** (21481A0276), **G Murali Krishna** (21481A5426), **K S V Satwik** (21481A5488), **K Amith Josh** (21481A4245) secured the Third Place in Net Ball (M) at C R Reddy College of Engineering, Eluru from 24 to 26 November 2023.

- * **J K V S Reddy** (20481A5423), **T S Srinivas** (20481A0188), **N Yesubabu** (20481A0163), **S D Baji** (20481A0187), **P Naga Srihari** (20481A0169), **M Pavan Kumar** (20481A12B4), **L Naveen Kumar** (22481E0028), **T Venkateswara Rao** (21481A0165), **V Ashok Babu** (21481A04N5), **S Chandu** (20481A0279), **U Venkatesh** (22481A54B6), **N Sohit Kumar** (22481A12P5), **A Ram Nithin Reddy** (22481A4206), **M Sekhar Babu** (22481A6060), **P Vamsi Ram** (23485A0152) are the Winners in Kho-Kho (M) and **T Nikhitha** (21481A12F1), **G Hari Priya** 21481A1240, **V Srinija** (21481A12G5), **V Manasa** (21481A12B6), **V Grace Vijaya** (21481A05O4), **J Rohitha** (22481A1271), **SK N Chandini** (22481A04M0), **Ch Mounika** (22481A0541), **G Lakshmi Prasanna** (22481A0559), **B Meghana** (22481A0423), **P Kavya** (23481A04G1), **B Maneesha** (23481A6013), **K Vaishnavi** (23481A05C9), **K Lavanya** (23481A605B5), **K Navya** (23481A0590) secured the Third Place at Narasaraopeta Engineering College, Narasaraopeta from 03 to 04 December 2023.
- * **R D P Krishna** (21485A6009), **G T Naidu** (21485A0210), **SK Imran Nazeer** (20481A0279), **D Pradeep Kumar** (21481A0563), **K Eswar kumar** (22481A05B7) secured the Third Place at Table Tennis (M) Tournament at SVEC, Tadepalligudem from 9 to 10 December 2023.
- * **G Harshitha Devi** (21481A0581), **A H Sankeerthana** (21481A6001), **P Harshitha** (21481A0269), **Sk M G Parvin** (21481A12D7), **B Padma Prasanna** (21481A6003) are the Winners of Table Tennis (W) Tournament from 9 to 10 December 2023.



Kabaddi(W) Winners



Volleyball (W) -Winners



Kho-Kho (M)-Winners



Table Tennis (W)-Winners



Netball (M)-III Place



Kho-Kho (W) - III Place

Obituary

- ✿ The Management, Principal, Faculty, and Staff profoundly grieve the demise of Sri Chaparala Sri Ramachandra Rao, a cherished member of the AANM & VVRSR Educational Society, Gudlavalleru, who departed in the early hours of August 9, 2023. He dedicated his service to the Educational Society from 1988 to 2023 as a Life Patron.



Sri Chaparala Sri Ramachandra Rao

- ✿ The Management, Principal, Staff and Students deeply mourn the untimely passing away of Mr Gandham Murthi Manohar, S/o. Gandham Galeyya, bearing temporary ID 23LCE21, a second year student of B.Tech - Civil Engineering of our college, who passed away in the afternoon of 19 October 2023.



Mr G M Manohar

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