

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, GUDLAVALLERU - 521356, Krishna District, A.P., India
(Approved by AICTE, New Delhi and Permitted by A.P. State Government)

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Techno LIGHT

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A Semi-Annual Newsletter

July 2023

FROM THE EDITOR-IN-CHIEF

Welcome to this July 2023 issue! Its publication has been delayed by about a year. My sincere apologies.

So much has happened in the January-July 2023 period. There were celebrations galore — New Year's Day, Republic Day Annual Day, Graduation Day, National Youth Day, National Yoga Day, National Voter's Day, National Science Day, Women's Day, to name just a few — and this issue captures those festivities in capsule form. It also gives details of some of our significant new initiatives such as the launch, in our college, of the Vijayawada Chapter of Google Developers' Group which helps students learn about technologies related to Google and practise innovative and creative concepts, as well as support them in conducting Hackthons. It also provides a wealth of information about our R&D activities, patents and publications, conference presentations, students' achievements, and sports events with pictorial illustrations. It also reports one of our achievements — SRGEC being positioned in the 101-150 band in the Innovation Category of India Rankings 2023 of the NIRF.



2023 is the Silver Jubilee year of our college. Plans are afoot for a year-long celebration culminating in a 3-day grand ceremony in February 2024, and the campus has started wearing a festive look even now. As one who has been on the faculty of this great institution since 1999 and held key positions in the college administration as Head (CSE), Dean (Academic Affairs), Vice-Principal (Academics) and Principal now, I have a profound sense of gratitude for what SRGEC has made me mixed with a great sense of jubilation at the approaching jubilee celebrations.

This is the last issue of *Technolight* under my editorship as I will be laying down office as Principal on 30 November 2023. Being the Chief Editor of this 21-year-old newsletter in the past three years has been a great experience, and my sincere thanks to all the readers for their patronage.

Happy reading!

G. V. S. N. R. V. Prasad
Principal & Editor-in-Chief

New Year's Eve Celebrations

New Year's Eve was celebrated on the campus on 31 December 2022. SRGEC Faculty Club organized this event. On this occasion, the principal, Dr GVSNRV Prasad released the New Year's diary.

National Youth Day

National Youth Day was celebrated in the college on 12 January 2023. TECDOC, IIC, SRGEC conducted Ideation Presentation Contest at Seshadri Rao Gudlavalleru Engineering College. 43 students from all departments participated in this event. Shri Swami Savyananda, from Rama Krishna Mission, Sitanagaram, Amaravati region, spoke on the occasion. Students from all branches have attended the session. Besides giving away the prizes to the winners, the principal, Dr GVSNRV Prasad also gifted Shri Swami Vivekananda's "Vijjiyaaniki Maargam" to all the participants.



Celebrating National Youth Day at SRGEC

Tribute to Subash Chandra Bose

The birth anniversary of Subash Chandra Bose was celebrated at Seshadri Rao Gudlavalleru Engineering College on 23 January 2023. The principal, Dr GVSNRV Prasad, other officials, staff members and students paid tributes to him.

National Voters' Day

National Voters' Day was celebrated at Seshadri Rao Gudlavalleru Engineering College on 25 January 2023 to mark the establishment of the Election Commission of India and to encourage voter participation in elections. The song, 'Main Bharat Hoon' was screened on this occasion. This song has been designed to inspire each VOTER to be one of the best architects of modern India, who understand their duty as well as their right to vote for their nation, irrespective of their status, class, religion, cast, place, language, and gender. Government officials, all the staff and students attended this event. Dr GVSNRV Prasad, the principal, read out the Voters Pledge.



Awareness programme on National Voters' Day

Republic Day

Republic Day was celebrated in the college on 26 January 2023. Dr GVSNRV Prasad, the principal of the college, hoisted the national flag and addressed the gathering. In his brief presentation, he urged everybody to work hard and bring laurels to the nation. On this special occasion, the select students were given merit prizes.

A session on Research Publication

Dr. BTP Madhav, Professor and Academic Director (Research), KL University conducted a session on "Research Publication and Program Management" to all the senior staff members of Seshadri Rao Gudlavalleru Engineering College on 8 February 2023. This session was resourceful and engaging.



Dr BTP Madhav addressing the gathering

Tributes to the Soldiers

On 14 February 2023, Seshadri Rao Gudlavalleru Engineering College paid tribute to the soldiers who laid down their lives in a terror attack in Pulwama on 14 February 2019.

Visit of Government officials as part of Land Re-survey

Shri Sushanth, Survey Land Regulatory, Shri Pool Prasad, Shri Siddhartha Jain, IAS, Director, Survey, Settlements & Land Records, Commissioner & Inspector General, Registrations & Stamps, Andhra Pradesh, Dr. Aprajitha Singh Sinsinwar, IAS, Joint Collector and Additional District Magistrate, Krishna District., Mrs P. Padmavathi, RDO, Gudivada, Mr. Abdul Rehman Masthana, MRO, Gudlavalleru, Mr Srinivas, MDO, Gudlavalleru, Mrs. B. Kanaka Durga, Deputy



Government personnel visiting SRGEC

Tasildhar, Gudlavalleru, Mr. SMMK Prakash, Mandal Revenue Inspector, Gudlavalleru and Re-survey Deputy Tasildhar, Mr. S. Gopala Raja, District Survey and Land Records, Mr. B.Rama Krishna, Mandal Deputy Surveyor, Mr. SV. Narasimha Rao, Deputy Inspector of Survey, Mr. Ch. Joji Babu, Deputy Inspector of Survey and Mrs. T. Anusha, VRO, Gudlavalleru visited Seshadri Rao Gudlavalleru Engineering College on 17 February 2023. Dr GVSNRV Prasad, the principal of the college took the officials for campus visit. As part of land re-survey, this team also interacted with the local villagers and took readings over the re-survey of lands at Gudlavalleru Mandal.

National Science Day

National Science Day was celebrated in Seshadri Rao Gudlavalleru Engineering College on 28 February 2023. The Children of 7th to 10th standard of the government school, Gudlavalleru were given an opportunity to visit the Innovation and Incubation Centre (IIC), Physics and Chemistry labs, Central Library and Information Centre of the college. On this occasion, competitions such as Essay Writing and Debate were conducted and the winners were given away the prizes.

Mega Blood Donation Camp

A Mega Blood Donation Camp was conducted on the campus on 3 March 2023. The college organized the event in collaboration with the Rotary Blood Bank. Many students participated and more than 200 donated their blood.

SRGEC Media Center

The management of Seshadri Rao Gudlavalleru Engineering College provides incessant support to implement new ideas. With such support, SRGEC established a well furnished Media Center with all the advanced and sophisticated equipment for high quality audio and video recording and broadcasting on 24 March 2023. This Media Center is established with an objective of bringing out the achievements of the students and their contribution in college activities.



Children visiting labs on the eve of National Science Day

Further, the college is planning to set up a Student Coordinated Informative and Entertaining Broadcast Channel (SCIEBC) of SRGEC on the campus. The activities of this channel will be coordinated by the Media Club. Students with penchant and creative ideas with the bent of innovative teamwork are constantly encouraged.



Maiden activity of Media Centre at SRGEC

Assistant Governor, Rotary Club, and College officials graced the event. A Role-play by Students on Women Empowerment in India- Fit to Fight, was arranged on this occasion. Also, an interaction Session on 'Women Wellness' was conducted by Dr. Sri Roja and Dr. Ch. Suganavathi. A few games and other activities were conducted to students and staff on this occasion and prizes were given away to all the winners.

Women's Day Celebrations

Women's Day was celebrated at Seshadri Rao Gudlavalleru Engineering College on 7 March 2023. Dr. Ch. Sugunavathi, Government Doctor, District Hospital, Dr. Y Sri Roja MD, Pelican Hospital, Sri. M. Ramana Murthy President, Rotary Club, Gudivada Sri. Y. R. Chowdary District

25th Annual Day

Seshadri Rao Gudlavalleru Engineering College celebrated its 25th Annual Day on 25 March 2023. Dr K. Hemachandra Reddy, Chairman, Andhra Pradesh State Council of Higher Education graced the occasion as the Chief Guest. Addressing the students, the chief guest said that the students should have a single-minded devotion towards their career. He also

“Each morning we are born again. What we do today is what matters most.” – Buddha

exhorted the students to be more responsible citizens of the nation. The Curtain Raiser event of Silver Jubilee Celebrations of SRGEC was also held and the Chief Guest made an official announcement on this occasion.

JNTUK Central Zone Inter-College Tournament

JNTUK organized Central Zone Inter-College Tournament at Seshadri Rao Gudlavalleru Engineering College Sports Ground during 28-29 March 2023. As many as 2110 students from various palcews such as Visakhapatnam, East Godavari, West Godavari, Krishna, Guntur and Prakasam districts took part in this mega event. More than 60 physical directors from all over the state officiated the games and made sure that all the games were conducted in a smooth way. JNTUK Kakinada Rector Professor K. V. Ramana, was the Chief Guest for the inauguration. Sri N Satyanandam, SPDO, Gudivada Circles, was the Guest of Honor of the programme. JNTUK Inter College Secretary Dr. G. P. Raju and Sports Council Secretary Dr. G. Shyam Kumar supervised the event. Dr. GVSNRV Prasad, Principal of the college was the Chairman of Central Zone Tournament, 2023 Dr. P. Kodanda Rama Rao, Vice Principal - Administration of the college was the convener and Mr M. Siva Sankar, Physical Director of the college was the Organizing Secretary of the tournament.



The Chief Guest addressing the gathering

Best Idea Award

Students of II AI&DS won the third prize (a cash prize worth Rs.6000) in Ideathon Contest (Best Idea Award) organized by ACIC-KL University, funded by ATAL, NITIAYOG, Government of India.

Scholarships of North South Foundation, Florida (USA)

36 students from Seshadri Rao Gudlavalleru Engineering College received scholarships from North South Foundation, Florida (USA). The North South Foundation, Florida, which was started in the year 1989 by Dr. Ratnam Chitturi identified 36 Students from economically weaker sections of Seshadri Rao Gudlavalleru Engineering College and 24 from AANM & VVRSR Polytechnic. Each student was supported with a scholarship of Rs.25,000/- for the year 2023. Sri Vallurupalli Rama Krishna, Co-Secretary & Correspondent was the Chief Guest for this programme. Dr GVSNRV Prasad, Principal, SRGEC was the Guest of Honor. Sri G.V.V. Satyanarayana, Principal, AANM & VVRSR Polytechnic, Lt Yerramsetti Srinivasa Rao and Surapaneni Parandhamaiah were also present on the occasion. NSF Vijayawada Chapter Coordinator Mr. Surapaneni Venkataratnam addressed the gathering and delineated the activities of North South Foundation.



Students receiving Scholarships

Google Developers Group

Google Developers Group, which organizes ‘Think Tomorrow’ events in the US and African countries, has launched the Vijayawada Chapter at Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru on 6 May 2023. This group helps and coordinates the students, especially the ones from rural backgrounds, with their startups and innovations. Mr. Madhu Vadlamani, Practice Manager at Miracle Software Systems and the Vijayawada Chapter Leader said that the Google Developers Group is supported and backed by many CEOs and founders of various organizations. This group helps the students learn about technologies

related to Google and encourage them to practise innovative and creative concepts, as well as support them in conducting Hackthons. Mr. Govil Alok, CEO, ACIC-KL Startups Foundation, AIM, NITI Aayog, Govt of India, Mr. Katheek Thaatikonda, Innovation Evangelist, CEO-JNTUH Technology Business, Incubator, Hyderabad, Mr. Baradwaj Arvapalli, Co-Founder, ABTechVille, Hyderabad, Developer Advocate at Mozilla, Hyderabad, Mr. Kalyan Dikshit, Miracle Software Systems MEAN Stak Developer and Research Associate, Mr. Prem Varri, School of Innovation and Leadership (SOIL) Founder, Mr. Srikanth Talluri were present at the programme. Dr GVSNRV Prasad, the principal of the college, who coordinated the event, participated in interactive panel discussions and query sessions. Experts spoke on topics such as Artificial Intelligence, Google Cloud, Cloud Computing, Storage, Machine Learning, and Design Thinking. Students from SRKR, Bhimavaram, LBRCE, Mylavaram, PVP Siddhartha, Kanuru, Krishna University, Machilipatnam, SBIET Nandamuru, VKR and VNB Gudivada Engineering Colleges took part in the event.

Medical Camp

“Judgments, simply lives, speaks, and plays in freedom.” – Arnaud Desjardins”

A free Medical Camp was Organized by Rotary Club, Gudivada at Seshadri Rao Gudlavalleru Engineering College on 10 May 2023. The camp, held at the college premises, provided essential medical services to the staff members of the college. With the suggestion of Dr. GVSNRV Prasad, Principal, SRGEC, the medical camp included a number of renowned doctors who are specialized in their field of medicine. Dr. M. Ajay Raj, MD, DM, an accomplished Endocrinologist, Dr. K. Rohini, MD, MRCP, a General Physician, Dr. P. Prashanth, M.B.B.S., M.S., D.N.B., an Orthopedic Physician, and Dr. Y. Shri Roja, MBBS, MD, Gynecologist attended the camp. These doctors conducted a range of medical tests (ECG, 2D Echo, RBS count, partial blood count, etc) offered valuable advice and provided necessary suggestions to address the health concerns of the staff. Dr. VVKDV Prasad, President of the Faculty Club, expressed his gratitude towards the Rotary Club for organizing the medical camp. He highlighted the fact that all the doctors who attended the medical camp were the members of the Rotary Club. The medical camp was made possible by the efforts of President Rotarian Mr Ramana Murthy, Secretary Mr G. Naresh, District Assistant Governor Mr Y. R. Chaudhary, and Rotarian Mr G. Veerendra, Assistant Professor of Civil Engineering Department of the college. Mr Md. Rafi Khan, Secretary of the Faculty Club, estimated that approximately 200 staff members benefited from this program. Dr. G.V.S.N.R.V. Prasad, the principal of the college felicitated all the doctors with a shawl and a memento. The



A panel discussion by Google Developers Group



Organising a Medical Camp

event witnessed the presence of Vice Principals Dr. P. Kodanda Rama Rao and Dr. M.R.C.H. Sastri, Director (AS&A) Dr. B. Karuna Kumar, Management Advisor Dr. P. Ravindra Babu, Faculty Club Vice President Dr. Y. Adilakshmi, Joint Secretary Dr. A.H.L. Swarup, Treasurer Dr. PSV Srinubabu, executive members, heads of various departments, teaching and non-teaching staff, and other guests.

Alumni Meet

Alumni Meet was conducted at Seshadri Rao Gudlavalleru Engineering College on 20 May 2023. Mr G Balaji from EEE department coordinated it. The alumni discussed several points and made a few resolutions.

NIRF Rank to SRGEC

Dr GVSNRV Prasad, the principal of Seshadri Rao Gudlavalleru Engineering College announced, on 6 June 2023, that SRGEC is positioned in the band of 101-150 in the Innovation Category of INDIA

RANKINGS 2023 of NIRF (National Institutional Ranking Framework).

International Yoga Day

International Yoga Day was celebrated in the college on 21 June 2023. Dr GVSNRV Prasad, Principal of the college, Dr. P. Kodanda Rama Rao, Vice Principal (Admin), Dr. MRCH Sastry, Vice Principal (Academics) graced the event. NSS Programme Officer Dr. V. Naveen Kumar, Mr M Srinivasulu, in charge for Yoga classes, the instructor and students of the regular yoga classes attended the session.

Graduation Day

Seshadri Rao Gudlavalleru Engineering College celebrated Graduation Day on June 25 2023 with great enthusiasm. Dr. G.V.R. Prasad Raju, the Vice-Chancellor of JNTUK, Kakinada was the Chief Guest for the event. The ceremony was attended by Dr. Nageswara Rao Vallurupalli, Chairman of the college, Er Satyanarayana Rao Vallurupalli, Secretary & Correspondent, Sri Ramakrishna Vallurupalli, Co-Secretary & Correspondent, Sri Vallabaneni Subba Rao, President, Promoters' Society, Sri Kodali Venkata Krishna Rao, Vice President, Sri Venkat Kiran Vallurupalli, Governing Body Member, and Dr. GVSNRV Prasad, Principal of the college, Dr. P. Ravindra Babu, Advisor to the Management, Dr. B. Karuna Kumar, Director (AS&A).



During the event, provisional certificates were awarded to 917 engineering students of 2019-23 batch. The Principal, Dr. Prasad, announced that 874 secured placements in various multinational companies. The highest annual income package offered to the students was 30 lakh, while the minimum package was 4.8 lakh per annum. The Principal also mentioned that SRGEC was recognized as one of the best educational institutions with the required quality standards as per the National Education Policy 2020.

The Chief Guest, Dr. Prasad Raju commended SRGEC for organizing such Graduation Day in alignment with university standards and appreciated the college's commitment for conducting the event. He praised SRGEC for its achievements and mentioned that the institution received the prestigious Engineering Edupreneur 2013 award by the Vice-Chancellor, for its transformative efforts in engineering education in India. He also highlighted the active role played by SRGEC students in sports, such as representing JNTUK as University Blues, SRGEC NSS Students in JNTUK Republic Day celebrations and mentioned the participation of faculty members from SRGEC in



Dr GVR Prasada Raju delivering a speech

JNTUK's Board of Studies (BoS) and Academic Council meetings.



Student receiving a provisional certificate

Dr. Prasad Raju emphasized that graduation should not mark the end of knowledge acquisition, but rather the beginning of a continuous process of intellectual growth. He encouraged the students to make the most of every opportunity that comes their way and contribute to the development of their community. He also acknowledged SRGEC's achievement in the NIRF Innovation Rankings, where the college was placed in the 101-150 band. The Valedictorian of the 2023 batch, Kammara Baby Amulya, shared her experiences and expressed gratitude on behalf of her fellow students during the vote of thanks.

Innovation Challenge–2023

SRGEC TECHDOC, Innovation and Incubation cell of Seshadri Rao Gudlavalluru Engineering College nominated 18 students from the department of AI&DS for participation in Innovation Challenge–2023, Innovation Design and Entrepreneurship Bootcamp-2023 organized by AICTE at NITTTR-Chennai, Tamil Nadu on 24 June 2023.



Students participating in AICTE event at NITTTR, Chennai

“What you are is what you have been. What you'll be is what you do now.” – Buddha

ELT CENTRE'S ACTIVITIES

Awards ceremony for FDP SC Batch 2

On 7 January 2023, an awards ceremony was held for FDP SC Batch 2. The Chairman presented certificates to the ten engineering faculty members who had successfully completed the FDP on Scholarly Communication (July-Dec 2022) in Batch 2.

FDP SC was a rigorously-conducted course with 40 instructional hours, and 3 months of research apprenticeship culminating in a research presentation and its assessment by a panel of research mentors and experts headed by Prof. Siva Kumar of the Department of EEE. The course had a strong formative-assessment component consisting of 100 marks for research apprenticeship, 50 marks for each of the two tests, 50 marks for the assignments, and 50 marks for the trainees' reflections on their scholarly communication experiences posted on our online forum hosted by Facebook. They were also required to submit a 1000-word research apprenticeship report. All these formative assessment components were complemented by a summative assessment. Given this 5-pronged course structure, the trainees had to work hard, and they did so without as much as murmuring. The highest grade in this batch was B, and it was achieved by Ms Sufia Khanam of the Department of EE scoring an overall percentage of 50.5. She was honoured for this achievement. The course was taught by Dr Ramanujam Parthasarathy, Director, ELT Centre, with administrative support from Mr G Raja Kumar, FDP Coordinator and Secretary, ELT Centre.



The Chairman giving a prize to the topper

PCF Workshop

Peer corrective feedback (PCF) in ESL writing is the flagship of the R&D projects conducted at the SRGEC ELT Centre. On the project, students with reasonably good writing skills play the role of peer tutors (PT) and provide written corrective feedback (WCF) and oral feedback (OF) on the compositions of their fellow students who are called student writers (SW) on the project. The ELT Centre and the Department of English have selected 315 PTs this year who will be providing WCF and OF to 957 SWs. On 28 February and 7 March 2023, Dr Ramanujam Parthasarathy, Director, ELT Centre, conducted a PCF workshop for the faculty members of the Department of English who, as class teachers, will be coordinating the PCF work. At the workshop, the participants reviewed the WCF work done by earlier teams of PTs as well as explored a range of other issues, including whether selective or comprehensive correction is more helpful. The discussions revealed that the corrections made by the peer tutors of the earlier batch were

satisfactory. The focus was on how the class teachers could motivate the PTs, train them, monitor their work and provide remediation, when necessary.

Microteaching workshop

The ELT Centre's a workshop on 'Enhancing Pedagogical Skills through Video-Mediated Reflective Microteaching' (VMRMT), commenced on 25 April. It is 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, Principal, SRGEC, on 25 April 2023. Also present at the inauguration were all the college officials, including Dr P Ravindra Babu, Adviser to the Management, Dr B Karuna Kumar, Director (AS&A), and the Vice-Principals.

The workshop is still underway. A detailed report on it will be presented in the next issue of the newsletter.



Conducting an FDP Programme

FDP WC Batch 4

Nine trainees from different SRGEC departments were trained in Batch 4 of the FDP on Written Communication. The 82-hour training programme (which commenced on 14 October 2022) concluded on 17 March 2023.

Though the course has concluded, the trainees have not received their certificates yet. A detailed report on the programme will be presented in the next issue of the newsletter after the trainees are presented with certificates at an awards ceremony by the Chairman.

EVENTS HELD AT THE ELTC LIBRARY

Book reviews

On 03 February 2023, at the fortnightly meeting of the Book Lovers' Club of the SRGEC ELT Centre, **Mr D Ashok Kumar**, Assistant Professor of English, reviewed Khushwant Singh's 1956 historical novel *Train to Pakistan*, a contemporary Indian classic that conveys the sorrowful truth of India's partition. The reviewer not only succeeded in analysing the characters and the plot of the story but also narrated the situations during India's partition in August 1947. The riveting review was followed by a brief discussion in which all the faculty members of the Department of English and more than thirty students from various engineering departments of SRGEC participated.



Mr D Ashok Kumar reviewing a Book

On 21 April 2023, another book review was held. **Ms G Lahari**, a first-year CSE student reviewed Jane Austen's *Pride and Prejudice*, one of the most popular novels in English literature. The review was appealing and the discussion that followed the review was very engaging as students took part in it with great enthusiasm. All the faculty members of the Department of English and more than thirty students from various engineering departments of SRGEC attended the talk.

On 30 June 2023, **Ms V Grace Vijaya**, a second-year CSE student reviewed Jeffrey Archer's *Kane and Abel*, a novel which never fails to captivate readers even now, 44 years after its original publication. The discussion that followed the review 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.



Students participating in a book review event

Orientation programme for first year students

In the first and the fourth week of March 2023, an orientation programme on the utilization of the ELTC Library was conducted for the first-year students admitted in the academic year 2022-23.

Each section of first year students spent about 15 minutes in the library on the orientation programme which was conducted by Mr P Raj Kiran, ELTC Librarian. The students were introduced to the books and the other services of the library. The students enthusiastically browsed through the books and the magazines and got acquainted themselves with the facilities available in the library. They also promised to use the library regularly.

STUDENTS NEWS

Achievements/Awards

Civil Engineering

- ✿ **D. Rakesh (20485A0118) and K. Pavan Kalyan (20485A0106)** of IV B.Tech Civil Engineering secured the first prize in the event of paper presentation at a two-day national Level Students Symposium “Fenestra 2K23” organized by Department of Civil Engineering, Annamali University on 31 March 2023. The students presented a paper on “**3D Modeling of an Office Building with Sustainable Approach Using BIM**”
- ✿ **K. Pratap Naidu (20481A0139), Ch. Pruthvi Raj (20481A0113), B. Bhanu Prakash (20481A0104), B. Jaya Prakash (20481A0137)** of III B.Tech got the first prize in Model Presentation Competition “Bridge it” organized by Department of Civil Engineering, V.R. Siddhartha Engineering College from 24-25 February 2023.



Students bagging a prize at VR Siddhartha Engineering College

Electrical and Electronics Engineering

- ✿ **Ms Appinedi Tejasri (21485A0201)** received certificate of academic proficiency from Seshadri Rao Gudlavalluru Engineering College for the year 2022-23.

Mechanical Engineering

- ✿ In association with IE (I), ISTE and ASME, Mechanical Engineering Association conducted various competitions such as **Lathe War, Dress with Newspapers, Mr/Ms. Welder, Technical Paper Presentation, 3D-CAD, Technical Poster Presentation, Treasure Hunt, Sudoku Solve, JAM (Just a minute), Technical Word Building and Business Quiz** from 3 February to 4 March 2023.

Computer Science and Engineering

- ✿ **Suryadevara Basaveswara Mukesh (19481A05M9)** got selected for Commuvault as a software engineer with a package of 31.7 Lakh per annum.
- ✿ **Mr. Bala Sankaru Golla (19481A0563)** qualified himself in GATE 2023 with all India rank 2176.

Information Technology

Various non-technical events were conducted in association with SAINT from 24 January to 15 March 2023 and students showcased their talent and bagged prizes in the events. Names of the students who received prizes in various events given below.

- ✿ In the event “**Treasure Hunt**” **B.Sirisha and her team; V.Srinija and her team and V.SriPujitha her team** got the first, second and third prizes.
- ✿ In the event “**Nature Photography Contest**” **T Lahari (20481A12H0), Sajjad (21481A12D8) and Md Salma (22481A12B3)** got the first, second and third prizes respectively.
- ✿ In the event “**Movie with Pictography**” **N.Tejaswini (20481A12C5) & team, A. Manikanta (20481A1202) & team and D.BhanuPrakash Reddy (20481A1233)** got the first, second and third prizes.
- ✿ In the event “**Logo Hunt**” **K.SaiSaranya (20481A1284), K.Vaishnavi (20481A1275) and B.S.S.S.Hruday (20481A1219)** got the first, second and third prizes.
- ✿ In the event “**Dumb Charades**” **T.Sandeep (21481A12E8) & team, R.Kranthi (21481A12C8) & team and P.Sriram (20481A12E4) & team** got the first, second and third prizes.
- ✿ In the event “**Image Guessing**” **A.Bhumika (20481A1208) & team, Shaik Yaseen& team (21481A12D9) and K.Jasmine (21481A1274) & team** got the first, second and third prizes.
- ✿ In the event “**Story Telling**” **P.SuryaNandhini (21481A12B9), D.BhanuPrakash (20481A123) and K.Pradeep (20481A1291)** got the first, second and third prizes.
- ✿ In the event “**Code War**” **P.Jaswanth (21481A12C6), ShaikYaseen (21481A12D9) and Shaik Jan Basha (21481A12D6)** got the first, second and third prizes.
- ✿ In the event “**Just A Minute**” **A. Bhumika (20481A1208), N.Tejaswini (20481A12C5) and Niharika (21481A12E4)** got the first second and third prizes.
- ✿ In the event “**Technical Presentations**” **E.Anantha Lakshmi (20481A1240), Abdul Farid Baba (21485A1209) and V.Madhuri (20481A12I7)** got the first, second and third prizes.

- ✿ In the event “**Play With C**” **A.Anitha** (20481A1204), **P.Pravallika** (20481A12E0) and **B.Sri Sathyasai Hruday** (20481A1219) got the first, second and third prizes respectively.

Electronics and Communication Engineering

- ✿ **Tirumalasetty Ashok** (20481A04M8) of III B.Tech, ECE qualified himself in GATE 2023 with all India rank.
- ✿ **K.Meghana** (19481A0493), **M.Sivaiah** (20485A0412), **K.Charan** (19481A04B8), **K.M.V.Sumanth** (19481A04B4) won the Best Paper Award for their publication entitled “**Wireless Spectrum Detection Using Deep Learning**” in the International Conference on “**Recent Innovations in Engineering and Technology**” organized by Andhra Layola College. They prepared the paper under the guidance of **Mr.E.Vargil Vijay**.
- ✿ **M.V.S.Karthik** (20481A04D5) and **K.Dhanesh** (20481A04A6) secured the second prize in the competition “**Poster Presentation**” organized by NRI Institute of Technology on 27 February 2022.
- ✿ **B.Raghu Vardhan** (21481A0415), **C.Shirdi Baba** (21481A0434) and **D.Naga Bramham** (21481A0453) received the first prize in the event “**Reel Making**” in “**SWECHA (AP)- Freedom Fest**” held at KLEF, Vaddeswaram from 24-25 January 2023.
- ✿ **B.L.Adithya Naga Sai** (19481A04C4) received the first prize and **A.Ruthvik** (20481A0404) and **L.Akhil** (20481A04C2) secured the second prize in event “**Coding**” organized by Department of ECE, SRGEC in associations with IETE Student Forum on 3 March 2023.
- ✿ **P.V.Vidhyulatha** (19481A04J0) received the first prize and **M.V.S.Karthik** (20481A04D5), **K.Dhanesh** (20481A04A6) got the second prize and **D.Samreen** (21481A04K6) and **V.Ramana Sri** (21481A04M4) bagged the third prize in the event “**Poster/Idea Presentation**” organized by Department of ECE, SRGEC in association with Electronics Hobby Club on 03rd March 2023.
- ✿ **J.Varshith** (20481A0497) won the first prize and **K.Vijay Ram Prasad** (21481A04N3) got the second prize in the event “**Photography**” organized by Department of ECE, SRGEC in associations with ECSAt on 1 March 2023.

Guest Lectures/Workshops/Seminars/Paper contests

Conducted

Civil Engineering

- ✿ A Guest Lecture on “**Climate Change Effects on Engineering Sector**” was organized for II and III year CE students with the resource person **Dr.P.Subba Rao** Assistant Professor, IITM,Chennai on 30 June 2023.
- ✿ A guest lecture on “**Earthquakes & Tsunamis and Their Effects on Structures - Role of a Civil Engineer**” was organized with the resource person **Dr.S.R.K. Reddy**, Adjunct Professor of CE, on the occasion of World Environment Day on 21 April 2023.
- ✿ A seminar on “**Career Opportunities after Graduation**” was organized for II and III year CE students with the resource **Mr. Vineeth Gupta**, Program Director, IMS GATE Academy person on 19 April 2023.
- ✿ A one-day workshop on “**Advanced Techniques in Design of Bridge Structures**” was organized with the resource person **Er. G. Kasi Viswanadh**, Senior Engineering Manager, L&T, Chennai on 20 January 2023.



Students attending a workshop

Electrical and Electronics Engineering

- ✿ A two-day workshop on “**Electrical Vehicle Technology**” was organized for II B. Tech Students with resource person **Mr.N.Venkata Reddy**, CEO of Vihaan Electrix, Visakhapatnam and **Mr. A. Amarendra**, Associate Professor of EEE Department, SRGEC in association with IEEE student chapter on 9 and 10 January 2023.
- ✿ A seven -day Adjunct Faculty Program on “**Switch Gear and Protection**” was conducted with the resource person **Er M.Durga Prasad**, (Rtd) Chief Engineer, APSEB, Vijayawada, for III B. Tech students from 3-8 February and from 15 -17 April 2023.
- ✿ GATE coaching classes were offered for II B.Tech students in the subject “**Electrical Circuits**” and for III B.Tech students in the subject “**Power Systems**” from January 2023 – March 2023.

Mechanical Engineering

- ✿ A one-week workshop on “**Simulation Using Multi-physics**” was conducted with the resource person **Mr. G.M. Raja Mahendra**, Sr. Simulation Engineer, Mayinkrish Ventures Pvt. Ltd., Hyderabad, for II B.Tech Students from 3-9 May 2023.

“The way you speak to yourself matters.” – *Unknown*

- ✿ A two-weeks value added course on “**Product design and drafting by CATIA**” was organized with the resource persons **Ms. K. Prasanna Lakshmi** and **Mr. D. Rambabu**, experts from APSSDC, Amaravathi, for II B. Tech Students from 5- 17 June 2023.
- ✿ A Guest Lecture was delivered on “**Career Opportunities for Young Graduates in SAP**” with the resource persons **Mr. M. Paparao**, Managing Director and **Mr.P. Viswanath**, Vice President, Apsolut Software India Pvt.Ltd. Vijayawada, for III B. Tech Students on 14 February 2023.

Electronics and Communication Engineering

- ✿ An online Student Awareness Program on “**Career Opportunities in VLSI Domain**” was organized with the resource persons **Ramya Krishna Dhulipalla**, MOSChip, Hyderabad and **Sai Kumar Gundapaneni**, ASIC Physical Design Engineer, on 21 January 2023.



Felicitation to the experts from APSSDC

Internship/Practical Training Undergone

- ✿ 252 students of ECE attended for an Internship in Codetantra and 66 students in SmartBridge from 17-4-2023 to 13-6-2023.

Master of Business and Administration

- ✿ A one-day Student Development Programme on “**Insights into Entrepreneurial Plan and Execution**” by Mr.Venkata Raghu Sankar Pabbineedi, Launchpad LLC on 06 January 2023.
- ✿ A one-day Entrepreneurship Development Programme on “**Developing Entrepreneurial Ideation and Commercialisation**” with the resource person **Mr. Dharmavarapu Gopal**, EDP Consultant Master Trainer, on 21 March 2023.
- ✿ A one-day Entrepreneurship Development Programme on “**Intellectual Property Rights in Entrepreneurial Scenario**” by Dr. Ch. Nirmal Chand, Prof. and Head on 26 April 2023.

Information Technology

- ✿ A two-day Student Development Program on “**Ethical hacking and cyber security**” was conducted with the resource **Mr D SaiSatish**, CEO, Indian Servers person for II B.Tech. students from 9 - 10 March 2023.
- ✿ A two-day Student Development Program on “**Sales Force**” was conducted with the resource person **Mr.D.Mahesh**, Director-Product Engg, Next Quarter, Hyderabad for II B.Tech students from 20-21 April 2023.
- ✿ A guest lecture on “**Career Opportunities in Data Science**” was organized with the resource person **Dr.Suneel Kumar Vuppala**, Director, Ericsson Global, Hyderabad on 5 May 2023. 211 students from II B.Tech. participated in the program.



Students gathering at a workshop

Attended

Electrical and Electronics Engineering

- ✿ **Mr. Muppidi Rama Naga Venkata Sai Prasanth** (20481A0264) attended workshop on “**Power Python**” on 22 January 2023.
- ✿ **Mr. Muppidi Rama Naga Venkata Sai Prasanth** (20481A0264) received certificate for successfully completing “**Data Analysis**” workshop from Jobaaj Learnings.
- ✿ **Mr.S.M.V.Sriram** (22485A0230) received certificate for successfully clearing the assessment for the role of Assistant Electrician (CON/Q0602) conforming to National Skills Qualification Framework Level-3, Vijayawada.
- ✿ **Ms.Appinedi Tejasri** (21485A0201) participated in drawing competition organized by ESCON, SR GEC in 2022-23.
- ✿ **Ms.Appinedi Tejasri** (21485A0201) completed an online certification course on “**Python Basics for Beginners**” from February - April 2023.
- ✿ **Ms.Appinedi Tejasri** (21485A0201) participated in “**Crack It**” organized by Electrical Student Confederacy (ESCON), SR GEC in 2022-23.

“If it’s out of your hands, it deserves freedom from your mind too.” – Ivan Nuru

- **Ms.Appinedi Tejasri** (21485A0201) participated in “**Photo Hunt**” organized by Electrical Student Confederacy (ESCON), SR GEC in 2022-23.

Coaching Classes

GATE classes

Information Technology

- **Dr S Narayana**, Professor & Mentor (AS&A), Department of CSE, SR GEC delivered GATE classes on “**Algorithms**” for III B.Tech, students on 15 April 2023.
- **Mr. B. SrinivasaKumar**, Associate Professor & Mentor (AS&A), Dept. of IT, SR GEC, delivered GATE classes on “**Databases**” for III B.Tech. students on 29 April 2023.
- **Mr T Balaji**, Asst.Prof., Dept. of IT, SRGEC, delivered GATE classes on “**Computer Networks**” for III B.Tech. students on 6 May 2023.
- **Mr.T. BalaKrishna**, Assistant Professor, Dept. of CSE, SRGEC delivered GATE classes on “**C Programming**” for II B.Tech. students from 15 March to 10 May 2023.
- **Dr R Swetha**, Assistant Professor of Mathematics, SR GEC delivered GATE classes on “**Linear Algebra**” for II B.Tech. students on 15 March, 12 April, 19 April and 28 June 2023.
- **Mr. D. K. Pavan Kumar**, Sr. Assistant Professor of Mathematics & Mentor (AS&A), SRGEC., delivered GATE classes on “**Calculus**” for II B.Tech. students on 29 March, 3 May and 14 June 2023.
- **Dr N Rajeswari**, Professor, Dept. of CSE, SR GEC, delivered GATE classes on “**Data structures**” for II B.Tech. students on 21 June 2023.
- **Mr S Sivaram**, Sr.Assistant Professor of Mathematics, SR GEC delivered GATE classes on “**Probability and Statistics**” for II B.Tech. students on 7 June 2023.
- A Guest Lecture on “**Data Structures Implementation Using Python**” was organized with the resource person **Ms. T Jahnvi Naga Venkatapraneetha** , Product integration Engineer, Phenompeople, Hyderabad for II B.Tech students on 1 April 2023.

Publications of Students

Electrical and Electronics Engineering

- **Vallurupalli Naga Venkata Harshitha** (19481A0281), **Pilli Purna Satya Sai Kumar** (19481A0265), **M.V.V.Jagadeesh Raju** (20485A0221), **Badugu Venkata Satya Jagadeesh** (20485A0222), **Gummadi Manoj Sai** (20485A0223) : “**Performance of Hybrid System and EV based Grid Connected System**”, *Industrial Engineering Journal*, Volume:52, Issue4, ISSN:0970-2555, DOI:http://www.journal-iiie-india.com/1_apr_23.html, April : 2023, (UGC)
- **M.Pavan Satya Manikanta** (20485A0219), **S.Saicharan** (19481A0272), **V.Raja Srikar** (19481A0285), **N.J.Jeevan** (19481A0286): **Neural Network Controller Based Solid State Transformer for Fast Charging EV**, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No: 2243-2255, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp2243-2255>, March-April 2023, (PEER REVIEWED)
- **M Meghana** (19481A0248), **Umma Reddy Subba Reddy** (19481A0280), **V.Rakesh Babu** (19481A0282), **V Hemanth** (19481A0284): **Implementation of Solar Photovoltaic System with Universal Active Filtering Capability**, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No:1864-1873, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp1864-1873>, March-April 2023, (PEER REVIEWED)
- **T.Meghana Naga Venkata Madhuri** (19481A0279), **N.Tanooja** (20485A0224), **S. Srinivasa Reddy** (19481A0273), **T. Lakshmi Ganesh**(19481A0278): “**Comparative Analysis of Level Shift PWM Methods for Hybrid Asymmetric Cascaded Multilevel Inverter**”, *NOVYI MIR Research Journal*, Volume 8, Issue 5, ISSN NO: 0130-7673, Page No: 30-37, DOI:16.10098.NMRJ.2022.V8I5.256342.37553, 2023 (UGC)
- **S.Prashanth Raju** (19481A0270), **V.Bhavani**(20485A0216), **R.Sai Santhosh** (19481A0269), **P. Hareesh** (19481A0268): “**Design and Implementation of PMU Based Two Area System for Enhanced Power System Stability**”, *International Journal of Engineering Research and Applications*, Vol. 13, Issue 6, ISSN: 2248-9622, Page No: 14-21, DOI:10.9790/9622-1306142114, June 2023, (PEER REVIEWED).
- **Segu Sri Harshitha** (19481A0275), **Potu Subbarao** (19481A0267), **Pathuri Ajay** (19481A0264), **Pilli Teja** (19481A0266): “**Modelling and Speed Control of E Public Carrier**”, *NOVYI MIR Research Journal*, Volume 8, Issue 5, ISSN No: 0130-7673, Page No: 38-45, DOI:16.10098.NMRJ.2022.V8I5.256342.37554, 2023, (UGC)
- **Tadisetti Rajya Lakshmi** (19481A0277), **Sammeta Mahalakshmi** (19481A0271), **Osuri Pardha Venkata Narendra Kumar** (19481A0261), **Parasa Lakshmi Durga Vara Prasad** (19481A0263): “**Dual Mode Fire Detection and Suppression System using IOT**”, *International Research Journal of Modernization in*

“There are dark shadows on the earth, but its lights are stronger in the contrast.” – Charles Dickens

Engineering Technology and Science, Volume:05, Issue:04, eISSN:2582-5208, DOI : <https://www.doi.org/10.56726/IRJMETS37483>, April-2023 (PEER REVIEWED)

- ✿ **Sayila Vandana** (19481A0274), **Sowmya Kundeti** (19481A0276), **Nimmagadda Venkata Srinivasa Rao** (19481A0257), **Oleti Usha** (19481A0259): “**Arduino Micro Controller and MPU 6050 Gyroscope Based Automatic Speed Control System for Electric Bike at Tight Turns**”, *International Journal of Engineering Research & Technology* (IJERT), Volume 12 , Issue 06, ISSN: 2278-0181, Page No: 164-169, DOI:10.17577/IJERTV12IS060101, June-2023, (PEER REVIEWED)
- ✿ **M.N.Y.Pavan Kumar** (20485A0217), **Ch.Sai Pravallika** (19481A0287), **N Angel Sundari** (19481A0255): “**Temperature Based Fan Speed Controller Using IOT**”, *International Journal of Creative Research Thoughts*, Volume 11, Issue 4 , ISSN: 2320-2882, April 2023 (PEER REVIEWED)
- ✿ **Nunna Bhargavi** (19481A0258), **Murari Veera Amaleswara Rao** (19481A0252), **Mutyala Rakesh** (19481A0254): “**Solar Wireless Electric Vehicle Charging System**”, *International Research Journal of Modernization in Engineering Technology and Science*, Volume 05, Issue 04, ISSN: 2582-5208, Page No: 4730-4736 , DOI: <https://www.doi.org/10.56726/IRJMETS36808>, April-2023 (PEER REVIEWED).
- ✿ **Seelam Veera Narayana Reddy** (20485A0214), **Padamata Kiranmai** (19481A0262), **Mathi Jahnavi Sai Bhavani** (19481A0249), **Mullapudi Charan Sujay**(19481A0251): “**Traffic Congestion Management Using Intelligent Techniques**”, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No: 675-688, DOI:<http://biogecko.co.nz/.2023.v12.i02.pp675-688>, March-April 2023, (PEER REVIEWED)
- ✿ **Mocharla Pavani** (20485A0220), **Venkata Raghavendra Prabhu Chimata** (19481A0283), **Maganti Gayathri Devi** (19481A0246), **Mamidi Durga Rao** (19481A0247): “**Battery Management System (BMS) for e-public carrier**”.
- ✿ **Morampudi Navya** (20485A0213), **Orsu Lakshmi Tirapathamma** (19481A0260), **Bandaru Sai Krishna** (16481A0207): “**Smart Parking System with Website Integration for Convenient Pre-Booking and Updates**”, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No:2060-2067, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp2060-2067>, March-April 2023, (PEER REVIEWED)
- ✿ **Kollareddy Gayathri** (19481A0235), **Ragi Chandu Naga Koteswar** (19485A0264), **Dakamuri Sudheer Kumar** (20485A0202), **Uyyala Venkata Siva Nageswara Rao** (20485A0211): “**Pulse Width Modulation Techniques for performance Refinement of Brushless DC Motor Drives**”, *Industrial Engineering Journal*, Volume : 52, Issue 4, ISSN: 0970-2555, Page No: 1126-1131, https://www.journal-iiie-india.com/1_apr_23.html, April : 2023 (UGC)
- ✿ **Kandikonda Dinesh Karthik** (20485A0209), **Bandaru Sai Ganesh** (19481A0204), **Kote Balu** (19481A0241), **Ravuri Yuva Raju** (19485A0262): “**Design and Implementation of IOT Based Remote Stepper Motor Control System for Custom Applications**”.
- ✿ **Lingam Kavya** (19481A0244), **Abdul Kabir** (19481A0202), **Kota Anusha** (19481A0240), **K Keerthana** (19481A0239): “**Design of Charging Circuit for an Electric Vehicle**”, *NOVYI MIR Research Journal*, Volume 8, Issue 4, ,ISSN No: 0130-7673, Page No: 569-573,DOI:16.10098.NMRJ.2022.V8I4.256342.3742, 2023, (UGC)
- ✿ **Jannu Sai Deepak**(19481A0225), **Garapati Tejaswi** (19481A0217), **Konakalla Durga Bhavani** (19481A0237), **Kondeti Venkata Dasu** (19481A0238): “**Design of PI Controller For An E-public Carrier**”, *NOVYI MIR Research Journal*, Volume 8, Issue 7,ISSN No: 0130-7673,Page No: 31-39,DOI:16.10098.NMRJ.2022.V8I7.256342.37684, 2023, (UGC)
- ✿ **Kota Vijay Babu**(20485A0206), **Kurra Venkata Siva**(19481A0243), **Kodali Manoj Kumar**(19481A0233): “**Advanced Vehicle Monitoring and Controlling System using NRF24L01 Module**”, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No: 649-654, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp649-654>, March-April 2023, (PEER REVIEWED)
- ✿ **Polagani Konda Jayaprakash** (20485A0201), **Kanteti Dileep Kumar**(19481A0231), **Koki Gnana Sree** (19481A0234), **Kamireddy Chenna Naga Anvesh Reddy**(19481A0229): “**Implementation of Cloud Based Smart Battery Management System Using Iot**”, *BioGecko*, Volume 12,Issue 2, ISSN NO: 2230-5807 Page No: 2173-2183, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp2173-2183>, March-April 2023, (PEER REVIEWED)
- ✿ **Mamidiseti Durga Devi** (20485A0212), **Chitirala Sreenivas** (19481A0214), **Chandika Vineela** (19481A0211), **Jonnallagadda Sai Sandeep** (19481A0227): “**MPPT Controlled Solar Power Monitoring System Using IOT**”, *Industrial Engineering Journal*, Volume: 52, Issue 4, ISSN: 0970-2555, http://www.journal-iiieindia.com/1_apr_23.html ,April : 2023 (UGC)

- ✱ **Vanga Jeevesh** (20485A0204), **Durga Prabhu Ranimekhala**(19481A0216), **Jamalapuram Jhansi**(19481A0224), **Jonnala Swathi**(19481A0226): **Fault classification of three phase induction motors using Bi-LSTM networks**, *Journal of Electrical Systems and Inf Technology* DOI: <https://doi.org/10.1186/s43067-023-00098-x>, May 2023 (Springer-(PEER REVIEWED)).
- ✱ **Jannu Venkata Narayana** (20485A0203), **Paila Gayathri** (20485A0210), **Kolli Naveen Naidu** (19481A0236), **G.Hemanth** (19481A0222): **“Enhancing Energy Management in AC/DC Hybrid Microgrids via Solid-State Transformers”**, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No: 705-715, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp705-715>, March-April 2023, (PEER REVIEWED)
- ✱ **Chavali Manoj Kumar** (19481A0212), **Sheik Sayyad Abbas** (20485A0205), **Gummadidala Siva Naga Sai** (19481A0220), **Gurralla Sai Rajesh** (19481A0221): **Implementation of Energy Management in Solar PV Powered EV Charging Station**, *Industrial Engineering Journal*, Volume: 52, Issue 4, ISSN: 0970-2555 http://www.journal-iiie-india.com/1_apr_23.html, April 2023. (UGC)
- ✱ **Kagita Deepika**(19481A0228), **Abdul Azees**(19481A0201), **Gorla Pradeep**(19481A0218), **Gummadi Seetha**(19481A0219): **Simulation of PMSG Based Wind Energy Conversion System Connected To A Grid”**, *Industrial Engineering Journal*, Volume : 52, Issue 3, ISSN:0970-2555, DOI:http://www.journal-iiie-india.com/1_mar_23.html, March : 2023. (UGC)
- ✱ **Banala Raju** (20485A0208), **Kancherla Manoj Kumar** (19481A0230), **Chiramani Vinod Kumar** (19481A0213), **Done Vasantha Kumari**(19481A0215): **Smart Vehicle Speed and Location Tracking System Using IoT**, *BioGecko*, Vol 12, Issue 02 , 2023 ISSN NO: 223-5807, <http://biogecko.co.nz/.2023.v12.i02.pp147-154>, Mar-Apr 2023. (PEER REVIEWED)
- ✱ **Badugu Dinesh Babu** (19481A0203), **Shaik Irfan** (20485A0207), **Borra Divya Sree** (19481A0208), **Borra Lokesh** (19481A0209): **Solar Tracking And Fault Detection Of Solar Panels Using IoT**, *BioGecko*, Volume 12, Issue 2, March-April 2023, ISSN NO: 2230-5807, Page No: 1874-1882, DOI:<http://biogecko.co.nz/.2023.v12.i02.pp1874-1882>, (PEER REVIEWED)
- ✱ **Botcha Uma Mahesh**(19481A0210), **Katikala Lahari**(19481A0232), **Batchu Veera Phani Jyothi Krishna**(19481A0206), **Bezawada Uma Krishna**(19481A0207): **“Design and Implementation of a ANFIS Controller based Multi-Input Single Output DC-DC Converter”**, *BioGecko*, Volume 12, Issue 3 ,ISSN NO: 2230-5807, Page No: 2972-2982, DOI : <http://biogecko.co.nz/.2023.v12.i03.pp2972-2982>, May-June 2023, (PEER REVIEWED)

Information Technology

- ✱ **Ch.Yasaswini, K.GnanaDeepika, G.Harika Siva Satyavathi** under the guidance of **Dr.Ch.Kavitha**: **“Detection of Cardiovascular Disease Using Machine Learning”**, *Journal Of Education*, New Zealand Herpetology ISSN NO: 2230-5807.
- ✱ **D.Venkata Naga Rupasri, G.Sravana Lakshmi, E.Sai, Kishore, P.Dinesh Kiran** under the guidance of **Dr.Ch. Suresh Babu**: **“Social Spider Optimization for Visualizing and Predicting Aqua Pond Status”** *Journal of Education*, New Zealand Herpetology”, ISSN NO:2230-5807.
- ✱ **T.Prathyusha, SK.Sameer Ahamed, D.Maneesha, P.Tharun** under the guidance of **Dr.CH.SureshBabu** : **“Conversion of Sign Language into Text and Voice Using Cnn”**, *Journal Of Education*, New Zealand Herpetology, ISSN NO:2230-5807.
- ✱ **Y. SiriAlekhya, V. Sai Kishore, M. Sri Ram, S. Namratha , B.Jaya Naga Kishore** under the guidance of **Dr. D.N.V.S.L.S.Indira**: **“Color Image Encryption using Chaotic Algorithm and 2D Sin-Cos Henon Map for High Security”**, *Journal of Education*, Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169.
- ✱ **VenKata Narayana Battula, Vasanthi Kanna, Swathi Jetti, Sonika Nagidi** under the guidance of **Dr.M.V.L.N.Raja Rao**: **“Diagnosis and Prediction of Cervical Cancer: an Integrated Approach Using Machine Learning Algorithms”**, *Journal of Education, Innovative Engineering and Management Research*, ISSN -2456 – 5083.
- ✱ **Pasumarthi Sowmya Sree, Jaya Rama Krishna Prasad Narravula, Renuka Devi Rompicharla, Harsha Vardhan Nukala** under the guidance of **Dr.M.V.L.N.Raja Rao**: **“Prediction of Stroke Disease using Convolutional Neural Network and Multimodal Biosignals”**, *Journal of Education, Indian Institute of Technology Madras*, ISBN: 978-1-6654-5630-2.
- ✱ **Sravani Velpula, Rishwitha Parise, Naidu Krishna Vamsi, Sakhamuri Krishna Chaitanya**, under the guidance of **Dr.Sridhar**: **“Phishing Attack Detection Using Convolutional Neural Networks”**, *Journal of Education*, Indian Institute Of Technology Madras.

“Out of suffering have emerged the strongest souls; the most massive characters are seared with scars.” - Khalil Gibran

- ✿ **M.Venkata Sahithi, D.Kavitha, L.Tharunraj, D.Sai Phaneendra** under the guidance of **Ms.A.Koteswaramma**: “Automatic Covid-19 Infection Detection using CNN Chest X-ray Image”, *Journal of Education, Innovative Engineering and Management Research*, ISSN :2456 – 5083.
- ✿ **Palanki Nithya Sri, Purna Anjaneya Kumar Kornepati, Talasilla Sri Divya, Motepalli Sasi Sai Manoj** under the guidance of **Ms.D.E.G.Shiney**: “Identification of Melanoma Lesions using Deep Learning Networks and Cloud Computing”, *Journal of Education, Indian Institute of Technology Madras*, ISBN: 979-8-3503-9725-3.
- ✿ **Pavuluri Naga Swetha, Modugumudi Natesh Venkata Babu, Yanamala Raj Kumar, Meka Sri Lakshmi** under the guidance of **Ms.M.Divya Sumitra**: “Deep Learning Model for ECG-based Sleep Apnea Detection”, *Journal of Education, Indian Institute of Technology Madras*, ISBN: 978-1-6654-5630-2.
- ✿ **G.VenkataKartheek, K.V.Durga Prasad, K. ManojBabu, D.Venkateswarlu** under the guidance of **Ms.P.Saroja Rani**: “Detection of Parkinson’s Disease Using Machine Learning”, *Journal of Education, Indian Institute Of Technology Madras*, ISSN: 2456 – 5083.
- ✿ **B.Jaya Naga Kishore, M. Venkata Lakshmi, Ch. Jelciya Godwin, G. Sai Srinivas** under the guidance of **Dr. D.N.V.S.L.S.Indira**: “ETMS: Efficient Traffic Management System for Congestion Detection and Alert Using HAAR Cascade”, *Journal of Education, Recent and Innovation Trends in Computing and Communication*, ISSN: 2321-8169.
- ✿ **Gade Akash Reddy, Amruthapalli Bhuvaneshwari, Machineni Kiran Priya, Enikapelli Abhishek** under the guidance of **Mr.Y. K. Viswanadham**: “Raspberry Pi Smart Surveillance and Attendance Management System” *Journal of Education, New Zealand Herpetology*, ISSN: 2230-5807".
- ✿ **Mandalapu Naga Siva, VeerabathinaPujitha, KanthetiPavan, NaheedBasheer** under the guidance of **Velevela Raghu Ram Chowdary**: “Alzheimer’s Disease Detection Using Random Forest Algorithms by Optimal Feature Extraction”, *Journal Of Education : Modernization in Engineering, Technology and Science*,”ISSN.(online): 2582-5208.
- ✿ **G. Tejaswini, E. Divya, K. Aditya,M. VarjanBabu** under the guidance of **Mr.V. Raghu Ram Chowdar**: “AutomaticRecognitionofGeneticDisorderinPediatric Age UsingPupillometry”, *Journal of Education, Computer Science Trends and Technology (IJCTST)*,” ISSN No.(online): 2347-8578".
- ✿ **Madhuri Simhadri, Venkata Jagadeesh Yarra, Geethika Nukala, Vamsi Natta** under the guidance of **Mr.Balaji Tedla**: “A Deep Learning-Based System for Classification and Quality Evaluation of Seeds”, *Journal Of Education, “7th International Conference on Intelligent Computing and Control Systems (ICICCS-2023)*”, ISSN (online): 979-8-3503-9725-3.
- ✿ **Motamarri Vasavi Amrutha, Ramkuri Harika, Varisa Manikanta, Pinnamaneni Sai Datta** under the guidance of **Mr.Melam Nagaraju**: “An Early Prediction of Cardiovascular Disease using Random Forest Bagging Method”, *Journal of Education, Second International Conference on Applied Artificial Intelligence and Computing (ICAAIC 2023)*, ISSN (online): 978-1-6654-5630-2.
- ✿ **D.M.K. Venkata Subbarao, K.V. Kavya Sri, E. Naga Sudha Rani** under the guidance of **Mr. Melam Naga Raju**: “Detection of Chronic Kidney Disease Applying the Random Forest Algorithm”, *Journal of Education, New Zealand Herpetology*, ISSN (online): 2230-5807.
- ✿ **Burla Roshini, Gutta Praveen, Davu Pavankumar, Kote Manaswi** under the guidance of **Mr. I. Lakshmi Narayana**: “Traffic Prediction Using Air and Noise Pollution Data”, *Journal of Education, Innovative Engineering and Management Research*, ISSN (online): 2456 – 5083.
- ✿ **A.Bhavana, K.Nityananda Raj, J.HariPriya, B.M.V.Lakshman** under the guidance of **Mr. I. Lakshmi Narayana**: “Identification of Spammer Detection and Fake User on Social Networks”, *Journal of Education : New Zealand Herpetology*, ISSN (online): 2230-5807.
- ✿ **Spandana.P, PavanKumar.P, HarshaSrinivasu.G, PadminiLatha.P** under the guidance of **Mr.Ch.Venkateswararao**: “CNN-Based Crop Pest Classification Model”, *Journal of Education, Innovative Engineering and Management Research*, ISSN (online): 2456 – 5083.
- ✿ **D. Lakshmi Manasa, G. Gopi Krishna Reddy. M. Nikitha, B. SaiKiran** under the guidance of **Mr. B. Sobhan Babu**: “Prediction of Lung Cancer Using SVM and CNN”, *Journal of Education, New Zealand Herpetology*, ISSN (online): 2230-5807.
- ✿ **Kesarla Anusha, Garimella Durga Satya Kiran, Gudavalli Laya Sri, Kanagala Sravan Kumar** under the guidance of **Ms.T. Sumallika**: “Deep Sea Debris Detection”, *Journal Of Education, New Zealand Herpetology*, ISSN: 2230-5807.
- ✿ **K.Sravani, G.Bhavya, A.Teja Sri Rama, G.Thapaswini** under the guidance of **Ms.T.Sumallika**: “Detection of Proliferative and Non Proliferative Diabetic Retinopathy Using CNN and VGG-16”, *Journal of Education : New Zealand Herpetology*, ISSN (online): 2230-5807.

“Life is very interesting...in the end, some of your greatest pains become your greatest strengths.” - Drew Barrymore

- **G.Naresh Babu, M.Krishna Kumari, M.Bhanu Prakash, R.Deepika Santhoshi** under the guidance of **Ms.T.Indra Deepika**: “**Google Play Store App Rating Prediction Using Decision Tree Classifier**”, *Journal Of Education*, New Zealand Herpetology, ISSN (online): 2230-5807.
- **Obula Reddy Kasireddy, Sri Krishna Vararipi, Likhitha Doma, Yamini Borra** under the guidance of **Ms.T.Hemalatha**: “**Malware Detection Using Machine Learning**”, *Journal of Education*, Innovative Engineering and Management Research, Issn(online): 2456 – 5083

Professional Society and Association Activities

Electrical and Electronics Engineering

- “**Creative Click**” contest was conducted for all the B. Tech students from 6 December 2022 -17 January 2023. A total of 25 students participated in the event.
- “**Pattern Drawing**” was conducted for all the B. Tech students on 4 January 2023. A total of 20 students participated in the event.
- “**Crosswords Puzzle**” was conducted for all the B. Tech students on 11 January, 2023. A total of 30 students participated in the event.
- **Rangoli competition** was conducted for all the B. Tech students on 12 January, 2023. A total of 40 students participated in the event.
- **Drawing competition** was conducted for all the B. Tech students on 13 January, 2023. A total of 20 students participated in the event.
- **Treasure Hunt** was conducted for all the B. Tech students on 25 January, 2023. A total of 35 students participated in the event.
- **Photo Hunt** was conducted for all the B. Tech students on 1 February, 2023. A total of 30 students participated in the event.
- **Tech Talk** was conducted for all the B. Tech students on 8 February, 2022. A total of 25 students participated in the event.

Electronics and Communication Engineering

- On the eve of Association Day Celebrations various events were conducted by the Department of ECE, in association with ECSat, IE(I), ISF, Electronics Hobby Club from February 27 February to 14th March 2023. Events such as Extempore, Sudoku, Photography, Painting/Pencil Art, Poster/Idea Presentation, Coding, Technical Paper Presentation, Promo Making and Technical Quiz were conducted on this occasion.

Industrial Tours

Mechanical Engineering

- As a part of industrial tour a batch of 178 II B.Tech. students visited NTPPS, Ibrahimpatnam from 6- 9 May 2023 and a batch of 52 III B. Tech students visited M/s CIPET, Vijayawada on 29 March 2023.

Electronics and Communication Engineering

- As a part of industrial tour about 100 students of III B.Tech visited ITC, HAL – Bangalore Cable Manufacturing - from 7 to 10 April 2023. **Mr.B.Ajay Kumar**, Assistant Professor; **Mr.V.Murali Krishna**, Assistant Professor; and **Ms.K.Kasthuri**, Assistant Professor, guided the students in their tour.

STUDENT NPTEL

S.No.	Name of the Branch	No. of Students Obtained Certification	Remarks
1	CIVIL	5	-
2	ME	89	ELITE – 44 ELITE+SILVER-3
3	ECE	98	ELITE – 33 ELITE+SILVER-3
4	CSE	65	-
5	IT	22	ELITE – 12 ELITE + SLIVER- 1

“We are only as strong as we are united, as weak as we are divided.” – J.K. Rowling

FACULTY NEWS

RESEARCH

Faculty Awarded Ph.D. Degree

Computer Science and Engineering

- * **Ms.D. Ragavamsi**, Assistant Professor, was awarded with Ph.D. for her thesis entitled “**Machine Learning Model for Alzheimer’s Disease Using MRI and MEL Spectrogram Images**” from Annamalai University, Chidambaram on 11 April 2023. She did her research under the guidance of **Dr.Raghupathy Ranghaswamy**, Associate professor, Department of CSE, Annamalai University.



Ms. D. Ragavamsi

Mechanical Engineering

- * **Mr. K. Ch. Kishor Kumar**, Associate Professor, was awarded with Ph. D. for his thesis entitled “**Characterization and Optimization of Tribological Parameters of AZ31 Magnesium Alloy reinforced with SiC Metal Matrix Composites Fabricated through Stir Casting**” from JNTUK, Kakinada on 25 March 2023.



Mr. K.Ch. Kishor Kumar

Electronics and Communication Engineering

- * **Mr.Ch.Rambabu**, Sr.Grade Assistant Professor, was awarded with Ph.D. for his thesis entitled “**Performance Evaluation of Cluster Based Energy Efficient Routing Techniques for Wireless Sensor Networks**” from JNTUK on 25 April 2023. He did his research under the guidance of **Dr.V.V.K.D.V.Prasad**, Professor and Convener-IQAC, Department of ECE, SRGEC and **Dr.K.Satya Prasad**, Professor of ECE, JNTUK, Kakinada.



Mr. Ch. Rambabu

- * **Ms.T.Subhashini**, Assistant Professor, was awarded Ph.D. for her thesis entitled “**Design and Analysis of Power Optimized Hybrid Embedded Controller Core Architecture**” from JNTUK on 31 May 2023. She did her Ph.D. under the guidance of **Dr.M.Kamaraju**, Professor and Mentor, AS&A, Department of ECE, SRGEC and **Dr.K.Babulu**, Professor of ECE, JNTUK.



Ms. T. Subhashini

Master of Business Administration

- * **Dr T S Leelavati**, Assistant Professor was awarded with Ph.D. for her thesis entitled “**A Study on Emotional Intelligence and its Impact on Occupational Stress among Women Employees in the Service Sector (An Analysis with Respect to Select Organisations in Andhra Pradesh)**” from Acharya Nagarjuna University on 2 March 2023. She obtained her Ph.D. under the guidance of **Dr. G.V.Chalam**, Acharya Nagarjuna University, Guntur.
- * **Dr. Y. V. Naga Kumari**, Assistant Professor, was awarded with Ph.D. for her thesis entitled “**A Study on the Effectiveness of E-Recruitment through Social Networking Sites (With Special Reference to Engineering Students of AICTE approved Institutions and HR Recruiters in Andhra Pradesh)**” from Acharya Nagarjuna University on 2 June 2023. She did her Ph.D. under the guidance of **Dr.G.V.Chalam**, Acharya Nagarjuna University, Guntur.



Ms. T.S. Leelavati



Ms. Y.V. Naga Kumari

SUBMISSION

Master of Business Administration

- * **Mr.T.Hemanth Kumar**, Assistant professor, submitted his Ph.D. thesis entitled “**Mediating Role of Employee Engagement between Personality and Organizational Commitment**” (A Study on Women Nursing Staff of Select Government and Private Hospitals of Andhra Pradesh) to Andhra University, Visakhapatnam on 25 April 2023.

“If you can’t fly then run, if you can’t run then walk, if you can’t walk then crawl, but whatever you do you have to keep moving forward.” - Martin Luther King Jr.

- **Mr. K. Prudhvi Raj**, Assistant professor, submitted his Ph.D. thesis entitled “**A Study on Determinants of Buying Store Brands in Organised FMCG and Groceries Retail Outlets in Andhra Pradesh, India**” to Acharya Nagarjuna University, Guntur on 19 May 2023.

Registered for Ph.D. Degree

Electronics and Communication Engineering

- **Mrs.K.Kasturi**, Assistant Professor, got registered for Ph.D. at Acharya Nagarjuna University, Guntur on 23 March 2023.

Computer Science and Engineering

- **Ms. B.Prameela Rani**, Assistant Professor, got registered for Ph.D. at Annamalai University, Chiddambarum on 20 February 2023.

Information Technology

- **Mr.Tedla Balaji**, Assistant Professor, got registered for Ph.D. at JNTU- Gurajada, Vizianagaram on 23 February 2023.
- **Ms.M.Divya Sumithra** got registered for Ph.D. at JNTU-Kakinada on 23 February 2023.

Achievements/Awards

Civil Engineering

- **Dr. A. Sreenivasulu**, Prof of CE & HoD was elected as a reviewer of InSc International Publishing Platforms and also for Technical Events.
- **Dr. A. Sreenivasulu**, Prof of CE & HoD received “**Young Researchers Award-2023**” for his work on “**The Effect of Age on Mechanical Properties of M100 Concrete**” published in Indian Concrete Journal.
- **Dr. S.R.K. Reddy**, Adj.Prof, elected as building committee member of Krishna University, Machilipatnam for the year 2023.
- **Dr. S.R.K. Reddy**, Adj.Prof, was appointed as an expert by Krishna University. Along with **Dr. A.H.L. Swaroop**, he inspected the buildings of Girls hostel, Nuzivid P.G Studies and submitted a report to Krishna University.
- **Dr. S.R.K. Reddy**, Adj.Prof, attended for BoS meeting of Department of Civil Engineering, SRKR Engineering College on 28 April 2023.
- **Dr. S.R.K. Reddy**, Adj.Prof, as a governing body member, attended the G.B. Meeting of Usha Rama Engineering College and Technology Telaprolu on 29 April 2023.
- **Dr. S.R.K. Reddy**, Adj.Prof, nominated as member of SR GEC Silver Jubilee Celebrations Committee as well as Distinguished Alumni Awards Committees on 25 June 2023.
- **Dr. A.H.L. Swaroop & Dr. P. Kodanda Rama Rao**, Vice-Principal Administration published the first edition of a textbook “**Engineering Mechanics**”. The book was published under AGPH Books.

Electronics and Communication Engineering

- **Dr. M. Kamaraju & Dr. B. Rajasekhar** participated in the inauguration of IETE students Forum (ISF) of VIT-AP University as Guests of Honor.
- **Dr.B.Rajasekhar** was promoted from Associate Professor to Professor; **Dr.Ch.Rambabu** and **Dr.K.Sri Lakshmi** were promoted from Assistant Professor to Associate Professor on 1 July 2023 by the management of SR GEC.
- **Dr.S.Ravi** acted as co-ordinator for the Intellectual Property Awareness Program which was conducted under National Intellectual Property Awareness Mission (NIPAM). This program was organized by Intellectual Property Office, India on 24 February 2023.

Computer Science and Engineering

- **Dr.T.Srinivasa Rao**, Professor, was awarded with “**Rashtriya Pratishtha Purashkar**” from Worthy Wellness Foundation on 24May 2023.
- **Dr.T.Srinivasa Rao**, Professor, was awarded with “**World Talent Award**” under Best Educationist Category from World Charity Welfare Foundation on 8 May 2023.
- **Dr. M. Babu Rao**, Professor and HoD has been serving as a BoS member of Krishna University since 2017. He also elected as Executive State Council Member of IE, India during 2022-24.
- **Dr.T. Srinivas, Dr. Y. Adilakshmi, Dr. R Abinaya** and **Ms.T. Nagamani** are acting as Reviewer/Editorial Board Members for Journals like Elsevier, Springer, Springer Nature etc.
- **Dr. T.Srinivasarao**, Professor, received “**Certificate of Excellence**” under the category Best Educationist from World Talent Awards, World Charity Welfare Foundation on 8 May 2023.

- **Dr. Y.Adilakshmi, Dr. N.Rajeswari, Dr. T.Srinivasarao, Dr. G. Sridevi** were promoted as Professors in the Department of CSE on 2 January 2023.

FACULTY ENABLEMENT PROGRAMMES

Workshops/Conferences/Guest Lectures

Attended

Civil Engineering

- **Mr.Ch. Naga Bharath:** A one-week FDP on “**Sustainable Repair and Rehabilitation of Constructed facilities**” organized by Department of Civil Engineering, Aditya Institute of Technology and Management from 6-10 March 2023.
- A one-week faculty development program on “**Applications of Artificial Intelligence and Machine learning in Civil Engineering**” was conducted by Department of Civil Engineering, SRGEC from 20-25 February 2023. **Dr. P. Kodanda Rama Rao**, Vice Principal Administration and Professor of CE, **Dr. G. Reddy Babu**, Prof. of CE, **Dr. A. Sreenivasulu**, Prof.& HOD of CE, **Mr. K. Venkateswara Rao**, **Mr. V. Phani Kumar**, **Dr. A.H.L. Swaroop**, **Mr. G. Sai Krishna**, **Mr.G.T.N.Veerendra**, **Mr. P.S.S.B.Anjaneya Babu**, **Mr.S.Arun Chaitanya**, **Mr.M.Durga Rao**, **Mr.A.V.Phanimanoj**, **Mr.K.Nagarjuna**, **Dr.Subhashish Dey**, **Mr.B. Rama Krishna**, **Ms. M.L.Sirisha**, **Ms. O.Aparna**, **Mr.N.V. Srinivas Rao**, **Ms. M.L. Pallavi**, **Mr.L. Ganesh**, **Dr. S.R.K. Reddy**, **Mr. Ch. Naga Bharath** participated in the workshop.
- **Dr. S. Eswar:** A one-week online FDP on “**Recent Trends in Civil Engineering**” organized by Department of Civil Engineering, J B Institute of Engineering & Technology from 20-25 February 2023.
- **Dr. S. Eswar:** A one-week online FDP on “**Data Analysis Using R Software**” organized by Department of Civil Engineering, J B Institute of Engineering & Technology from 27-28 March 2023.
- **Mr. S. Arun Chaitanya:** A five-day workshop on “**Instrumental Methods**” organized by the Department of Chemistry & International research Centre, Satyabhama Institute of Science and Technology (Deemed to be University) in Association with CSIR – National Metallurgical Laboratory, CSIR- Madras Complex from 2-6 January 2023.

Electrical and Electronics Engineering

- **Dr. B. Mahesh Babu:** workshop on “**Roadmap and action plan for EISCs in A.P**” organized by Quality Assurance Cell(QAC), APSCHE in Collaboration with at VIT-AP University, Amaravati on 9 June 2023
- **Dr B Mahesh Babu:** A one-week Short Term Training Program on “**Design, Implementation and Control of Electrical Systems using MATLAB**” organized by the Department of Electrical and Electronics Engineering, Bapatla Engineering College ,Bapatla from 3 – 7 January 2023.
- **Mr.G.Ramesh:** A one-week Short Term Training Program on “**Electrical CAD Design**” organized by the Department of Electrical and Electronics Engineering , Bapatla Engineering College from 26 June- 1 July 2023.

Mechanical Engineering

- **Dr. B. Karuna Kumar**, Professor of ME and Director (AS&A) attended a meeting with DAP, JNTU-K, Kakinada as Convenor of BoS - B.Tech (Agricultural Engineering) on 3April 2023.
- **Dr. J.A. Ranga Babu** delivered a guest lecture on “**Advanced Materials**” at Department of ME, Eluru College of Engineering on 2 March 2023

Electronics and Communication Engineering

Mrs.T.Venkata Lakshmi

- A two-day workshop on “**Chat GPT: Research Writing Assistance Strategies**” was organized by Nuhianwali Education Society, Nuhianwali, Sirsa (Haryana) from 13 to 14 May 2023.
- A five-day National Level FDP on “**Recent Trends in Machine Learning and Artificial Intelligence for VLSI**” was organized by Department of ECE, CMR Institute of Technology, Bengaluru from 29 May to 2 June 2023.
- **Dr.D.Prabhakar :** DST-SERB sponsored a one-week workshop on “**Design and Simulation of Miniature Antennas Using Machine Learning for IoT Applications (DSMAMIA-2023)**” organized by Department of ECE, MVGR College of Engineering, Vizianagaram from 5-10 June 2023.
- **Mrs.G.N.Sandhya Devi :** A ten - day online FDP on “**Real Life Applications of AI, ML and Data Science**” sponsored by Ministry of Electronics and Information Technology (MEITY) and organized by E&ICT Academy, NIT Warangal and JIS University, Kolkata from 7 to 16 April 2023.

“Do not judge me by my success, judge me by how many times I fell down and got back up again.” – Nelson Mandela

- **Mr.V.Murali Krishna** : National workshop on “**Optical Wireless Communication Technologies and its Applications in Urban and Rural Environment**” organized by NITTTR, Chennai in association with ERNET India, IIT-Delhi and C-DAC on 16 May 2023.

Information Technology

- **Dr.P. S.S. Sreedhar**: A five-day Faculty Development Program on “**Research Paper Writing, Proposal Drafting, and Patenting Strategies**” conducted by MITS from 22-26 May 2023.
- **Dr .D.N.V.S.L. S.Indira, Ms.T. Hemalatha, Ms.D. E. G. Shiney**: A five-day Faculty Development Program on “**New Age Technologies**” conducted by VIT-AP University, Amravati from 28 March – 1 April 2023.
- **Dr.P. S.S. Sreedhar**: A ten-day Faculty Development Program on “**Cyber Security : Global Hacktivism, Defense Mechanism and Digital Forensic**” conducted by **Saveetha Engineering College** from 1-11 February 2023.
- **Ms. A.Koteswaramma**: A five-day Faculty Development Program on “**Current Tr Ends in Artificial Intelligence and Engineering Applications in the Area of Machine Learning and Deep Learning**” conducted by JNTU GV, Vizianagaram from 6-10 February 2023.
- **Ms.T.Sumallika**: A two-day Faculty Development Program on “**Advances in Cloud Computing**” conducted by ANU College of Sciences on 3 and 4 February 2023.

Master of Business Administration

- **Dr S Madhavi**: A five-day online Faculty Development Programme on “**Marketing Analytics for strategic decisions – A Case Based Approach**” organized by Adarsh Institute of Management and Information Technology from 24-28 April 2023.
- **Dr Y V Naga Kumari**: A five-day online Faculty Development Programme on “**Inculcating Universal Human Values in Technical Education**” organized by AICTE from 6- 10March 2023.
- **Dr P.V. M. Raju**: A two-day workshop on “**Writing Literature Review for Qualitative Research using Artificial Intelligence**” organised by MyinnerLog through virtual mode from 25-26 February 2023.
- **Dr Y.V.Naga Kumari, Mr K Prudhvi Raj**: National Research Workshop on “**Preparing a Review Paper: Innovative ways using Tables, Flowcharts & Graphs**” organised by M Bien Analytica and Systems in association with Adonic Informatics through virtual mode on 23 January 2023.

Conducted

Electrical and Electronics Engineering

- A one-week online Faculty Development Programme on “**Advances in Renewable Energy and Electric Vehicles**” was conducted from 20 - 24 February 2023. **Dr. L.Suresh**, Assistant Professor, NIT, Surat, **Dr. B. Lokesh Guptha**, Assistat Professor, SRM AP, **Dr. T. Ramesh**, Assistant Professor, NIT, A.P, **Dr. S. Sreejith**, Assistant Professor, NIT, Silchar, **Dr. D. Ramesh**, Assistant professor, IICT, Bhuvanewara, **Dr.M.Harish**, Assistant Professor, NIT, Srinagar, **Dr.B.Chitti Babu**, IITDM, Kancheepuram were the resource persons.

Mechanical Engineering

- A one-week online Faculty Development Programme on “**Applications of Artificial Intelligence & Machine Learning in Mechanical Engineering**” was organized by **Dr. V. Pandu Ranga**, Assoc. Prof., School of Mechanical Sciences, IIT Bhubaneswar, **Dr. M. Sridharan**, Asst. Prof. SRM Institute of Science and Technology, Tiruchirapalli, **Dr. G.Venkatesh**, Asst. Prof. of ME, NITW, Warangal **Dr. Shiv Raman**, Asst. Prof. of ME, NITW, Warangal and **Dr. Somashekhar S. Hiremath**, Assoc. Professor of ME IIT Madras as resource persons from 6-10 March 2023.

Electronics and Communication Engineering

- A one-week National Level Faculty Development Program on “**Applications of Computer Vision Using Deep Learning**” was organized from 20 to 25 February 2023. **Dr. Subrahmanyam Murala**, Associate Professor, IIT Ropar, **Dr.Santosh Kumar V**, Assistant Professor, IIT Ropar, **Dr.Srikanth Vasamsetti**, Principal Scientist, CSIOCSIR, Chennai; **Dr.Prashant Patil**, Deakin University, Australia; **Dr. Nancy Mehta**, CVPR Lab, IIT Ropar; **Prof. Deepak Mishra**, Professor, IITST Trivendram; **Shruti P**, CVPR Lab, IIT Ropar, **Dr.Monu Verma**,

Postdoc. Associate, University of Miami, USA; **Dr.T.Venkata Sainath Gupta**, Assistant Professor, VRSEC; **Dr. Naga Devi**, Assistant Professor, CBIT, Hyderabad were the resource persons of FDP. More than 40 members of the faculty attended the FDP.

- ✿ A Guest Lecture on “**Research Methodologies**” was organized with the resource person **Dr.B.T.P.Madhav**, Professor, KL Deemed to be University, Vaddeswaram on 8 February 2023.

Computer Science and Engineering

- ✿ A Guest Lecture on “**Career Opportunities for Young Graduates in SAP**” was organized with the resource person **Mr. Madasu Papa Rao**, Managing Director, Absolute Software India Pvt. Ltd. for III B.Tech students on 9 January 2023.
- ✿ A two-day workshop on “**Ethical Hacking and Cyber Security**” was organized with the resource person **Ch.Sai Satish**, CEO, Indian Servers, Hyderabad, for II B.Tech students from 6 to 10 March 2023.

Information Technology

- ✿ A one-week Faculty Development Program on “**Mean Stack Technologies**” was organized with the resource person **Mr.Shashankshukla**, Specialist Programmer, Skill Dzure Pvt.Ltd, Hyderabad, from 6 – 14 March 2023. More than 30 faculty attended the program.
- ✿ A one-week Faculty Development Program on “**Challenges and Research Opportunities in Deep Learning & Machine Learning**” was conducted with the resource person **Mr.P.Mohan**, Senior Data Scientist, Smart Bridge Educational Services, Pvt. Ltd, Hyderabad from 2-7 January 2023.

Guest Lectures/Keynote Addresses

Electronics and Communication Engineering

Dr B Raja Sekhar

- ✿ Acted as Chief Guest for the inauguration of IETE Students’ Forum (ISF) at ECE department of Mother Teresa Institute of Science and Technology, Sathupalli on 26 June 2023.
- ✿ Acted as Chairman for the “**World Telecommunication & Information Society Day – 2023**” organized by KKR & KSR Institute of Technology and Sciences, Guntur. The program was organized in association with IETE Vijayawada Centre on 17 May 2023.
- ✿ Acted as Expert Judge for National Level Project Expo organized by Dhanekula Institute of Engineering & Technology in association with IETE Vijayawada Centre on 29 April 2023.
- ✿ Acted as Chief Guest for the inauguration of International Conference on “**Communications, Signal Processing & Computing (ICCSPC-2023)**” organized by the Department of ECE, Bapatla Engineering College. The conference was conducted in association with IETE Vijayawada Centre from 17 - 18 April 2023.
- ✿ Acted as Guest of Honor for the inauguration of IETE Organizational Membership and IETE Students’ Forum (ISF) of ECE Department, School of Engineering and Sciences, SRM University, Amaravathi on 21 March 2023. Dr. V. Gunasekhar Reddy, President, IETE, New Delhi was invited as Chief Guest for the program.
- ✿ Acted as Guest of Honor for the International Women’s Day Celebrations conducted at Bapatla Women’s Engineering College on 7 March 2023.
- ✿ Acted as Chief Guest for the inauguration of IETE Students’ Forum (ISF) at the departments of ECE and CSE, Bapatla Women’s Engineering College on 7 March 2023.
- ✿ Acted as Chief Guest for the inauguration of IETE Students’ Forum (ISF) at the department of ECE, Sree Vahini Institute of Science & Technology, Tiruvuru on 24 February 2023.
- ✿ Acted as Chief Guest for the inauguration of IETE Organizational Membership of College and IETE Students’ Forum (ISF) at the department of ECE, Usha Rama College of Engineering & Technology on 16 February 2023.
- ✿ Acted as Guest of Honor for the inauguration of IETE Students’ Forum (ISF) of SENSE department, VIT-AP University, Amaravathi on 21 January 2023. Dr. V. Gunasekhar Reddy, President, IETE, New Delhi was the Chief Guest of the program.
- ✿ Acted as Chief Guest for the inauguration of IETE Students’ Forum (ISF) at the department of ECE, RK College of Engineering, Vijayawada on 6 January 2023.

FACULTY NPTEL

NPTEL 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.L.V.Swaroop	Assoc. Prof.	Safety in Construction	84	Successfully Completed
2	Mr.M. Durga Rao	Asst. Prof.	Concrete Technology	75	Successfully Completed
3	Mr.A. V. PhaniManoj	Asst. Prof.	Concrete Technology	51	Successfully Completed
4	Dr. Subhashish Dey	Asst. Prof.	Electronic waste Management- Issues and challenges	71	Successfully Completed

Electrical and Electronics Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Dr B Madhu Kiran	Assoc. Prof.	Introduction to Internet of Things	64	Elite
2	Mr G Ramesh	Asst. Prof.	Microprocessor & Microcontroller	75	Elite+Silver
3	Mr D Vijay Arun	Asst. Prof.	Control Engineering	66	Elite
4	Ms Sufia Khanam	Asst. Prof.	Electrical Machines- II	68	Elite
5	Ms Sk Rizwana	Asst. Prof.	Network Analysis	76	Elite+Silver
			Problem Solving through Programming in C	79	Elite+Silver

Mechanical Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Dr. L. Ramesh	Asst. Prof.	Machinery Fault Diagnosis and Signal Processing	79	Elite+Silver
2	Dr. G. Karuna Kumar	Asst. Prof.	Computer Integrated Manufacturing	68	Elite
3	Dr. G.V. Jagadeesh	Asst. Prof.	Introduction to Machine Learning	70	Elite (Top 5%)
4	Mr P Satyanarayana	Asst. Prof.	Principles of Casting Technology	73	Elite

Electronics and Communication Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Mr. Vargil Vijay.E	Assoc. Prof.	Signals and Systems	90	Elite+Gold (Top 5%)
2	Ms.M. L Thirupathamma	Assoc. Prof.	Digital electronics circuits	64	Elite
3	Ms.M.Deepika Krishna	Assoc. Prof.	Digital System Design	90	Elite+Gold (Topper)

Information Technology

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Mr. M. Naga Raju	Asst. Prof.	Computer Vision and Image Processing - Fundamentals and Applications	52	Successfully Completed
2	Mr. B. SobhanBabu	Asst. Prof.	Programming, Data Structures and Algorithms using Python	79	Elite+Silver
3	Mr. Ch. VenkateswaraRao	Asst. Prof.	Programming In Java	75	Elite+Silver
4	Mr. T. Balaji	Asst. Prof.	Computer Networks and Internet Protocol	73	Elite
5	Mrs. D. Elsie GnanaShiney	Asst. Prof.	Data Mining	51	Successfully Completed
6	Mr. K. Srikanth	Asst. Prof.	Programming In Java	62	Elite
7	Mrs. A. Koteswaramma	Asst. Prof.	Introduction to Automata, Languages and Computation	93	Elite+Gold
8	Mrs. Ch. Pooja Rani	Asst. Prof.	Data Mining	73	Elite
9	Mrs. P. Sujatha	Asst. Prof.	Compiler Design	55	Successfully Completed

PAPER PRESENTATIONS

International/National

Electrical and Electronics Engineering

- **Dr B.Mahesh Babu:** “A Mobile App for Age and Gender Identification Using Deep Learning Technique”, 2023 International Conference on Intelligent Systems for Communication, IoT and Security (ICISCoIS). IEEE, doi: 10.1109/iciscois56541.2023.10100432, Feb. 09, 2023.
- **Dr B Mahesh Babu:** “A Hyper-Graph Embedded Bandlet-Based Facial Emotion Monitoring System for Enhanced Urban Health”, 2023- 2nd International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN). IEEE, doi: 10.1109/icstsn57873.2023.10151462, Apr. 21, 2023.

Computer Science and Engineering

- **Ms. Apparna Allada:** “Alzheimer’s Disease Classification Using Competitive Swarm Multi-Verse Optimizer-Based Deep Neuro-Fuzzy Network”, <https://doi.org/10.1002/cpe.7696>, Concurrency and Computation: Practice and Experience, Wiley, March 2023.(SCIE).
- **Mr. Tumma Srinivasarao, Adilakshmi Yannam, Baburao Markapudi, Apparna Allada:** “A Smart Strategy for Data Hiding using Cryptography and Steganography” *Journal of Scientific & Industrial Research*, Vol. 82, pp. 546-551, DOI: 10.56042/jsir.v82i05.1090, May 2023.(SCI).
- **Mr.T.Srinivasarao:** “ASERNet: Automatic Speech Emotion Recognition System Using MFCC-Based LPC Approach With Deep Learning CNN”, *International Journal of Modelling, Simulation, and Scientific Computing* 2341029 (22 pages), World Scientific Publishing Company, DOI: 10.1142/S1793962323410295, 2023. (SCIE).
- **Ms.Nagamani Tenali:** “A Systematic Literature Review and Future Perspectives for Handling Big Data Analytics in COVID-19 Diagnosis”, *New Generation Computing* 41:243–280, <https://doi.org/10.1007/s00354-023-00211-8>, 2023(SCIE)
- **Ms.Nagamani Tenali:** “HQDC Net: Hybrid Quantum Dilated Convolution Neural Network for Detecting Covid-19 in the Context of Big Data Analytics”, *Multimedia Tools and Applications*, May 2023.(SCIE).
- **Mr.M.Babu Rao:** “E- Waste Management Using Hybrid Optimization-Enabled Deep Learning in IOT Cloud Platform”, *Advances in Engineering Software*, 2023. (SCIE).
- **Mr.M. Babu Rao:** “Optimized Deep Learning-Based E-Waste Management in IoT Application via Energy-Aware Routing”, *Cybernetics and Systems*, Feb 2023 (SCIE).
- **Ms.Apparna Allada:** “Early Diagnosis of Alzheimer Disease from Mri Using Deep Learning Models”, *Journal of Information Technology Management*, Vol. 15, 2023. (Scopus)
- **Mr.Narayana Satyala:** “Detection and Segmentation of Colorectal Polyps in Gastrointestinal Colonoscopy Images Using Mask R-Cnn Framework”, 776751, *Journal of Data Acquisition and Processing*, ISSN: 1004-9037, DOI: 10.5281/zenodo. Vol. 38 (2) 2023. (Scopus)

- **Dr. S.Narayana:** “Character Level Vehicle License Detection Using Multi Layered Feed Forward Back Propagation Neural Network, *Bulletin Of Electrical Engineering And Informatics*”, Vol. 12, No. 1, pp. 293~302,ISSN: 2302-9285, DOI: 10.11591/eei.v12i1.4010, February 2023. (Scopus).
- **Ms. Donepudi Priyanka:** “IoT Based Smart Parking System”, *Advanced Engineering Science*, ISSN: 2096-3246 Volume 54, Issue 01, 2023. (Scopus)
- **Mr.G. Srikanth:** “Prediction Of Customer Churn In The Telecom Sector”, *Advanced Engineering Science*, ISSN: 2096-3246 Volume 54, Issue 01, 2023. (Scopus).
- **Dr. Adilakshmi Yannam:** “Analysis of Behavioral Characteristics of Jammers to Detect Malicious Nodes in Mobile ADHOC Networks”, *International Journal on Recent and Innovation Trends in Computing and Communication*, ISSN: 2321-8169 Volume: 11 Issue: 5 May 2023 (Scopus).
- **Dr. Shaik Salma Begum:** “RDNN for Classification and Prediction of Rock or Mine in Underwater Acoustics”, *International Journal on Recent and Innovation Trends in Computing and Communication*, ISSN: 2321-8169 Volume: 11 Issue: 3 March 2023. . (Scopus)(WOS)
- **Mrs.Ragavamsi Davuluri:** “Alzheimer’s Disease Diagnosis Using CNN Based Pre-trained Models”, *International Journal on Recent and Innovation Trends in Computing and Communication*, ISSN: 2321-8169 Volume: 11 Issue: 4, April 2023. (Scopus).
- **Ms. Prameela Rani,** “Automatic Pet Feeding using Google Assistant and Node MCU”, *International Journal for Innovative Engineering and Management Research*, Volume 12, Issue 03, Pages: 645-649, March 2023.
- **Mr.M.Naga Satish Kumar:** “Plagiarism Detection In Source Codes”, *International Journal for Innovative Engineering and Management Research*, Vol 12 Issue, 3 March 2023.
- **Ms. G.Keerthi:** “Speech Emotion Detection through Machine Learning”, *International Journal for Innovative Engineering and Management Research*, Vol 12 Issue, 3 March 2023.
- **Mr.K.Amrutha Sagar:** “AI-Based Online Proctoring System”, *International Journal for Innovative Engineering and Management Research*, Vol 12 Issue 03, Mar 2023.
- **Ms. N. Srivani:** “Monkeypox Detection Using Deep Learning”, *Industrial Engineering Journal*, Vol 16, Issue, 3 March 2023.
- **Ms K. Nandini:** “A Privacy Protection Strategy in Wireless Sensor Networks”, *Industrial Engineering Journal*, Vol 16, Issue 3 March 2023.
- **Ms. P.P.S.Kathyayini:** “Routing Services in Wsn for Processing Data Integrity and Differentiated Services”, *Industrial Engineering Journal*, Vol 16, Issue, 3 March 2023.
- **Ms. Y.V.N.Tulasi:** “Dual Access for Cloud-Based Data Storage and Sharing in Aws”, *Industrial Engineering Journal*, Vol 16, Issue 3 March 2023.
- **Ms. P.Nagamani:** “Detection of Fake Currency Using Deep Learning”, *Industrial Engineering Journal*, Vol 16, Issue 3, March 2023.
- **Ms.K.SriLakshmi:** “Smart Irrigation System Using Internet of Things”, *Industrial Engineering Journal*, vol 16, Issue 3, March 2023.
- **Ms. Y.V.N.Tulasi:** “Data Leakage Detection System”, *Industrial Engineering Journal*, Vol 16, Issue 3 March 2023.
- **Ms. P.Reshma:** “Deep Learning Based Medicinal Leaf Identification Using Mobile Net”, *Shodhsamhita: Journal of Fundamental & Comparative Research* Vol. X, No. 1: ISSN: 2277-7067, 2023.
- **Ms.L.Dhana Lakshmi:** “Prediction of Water Quality on Aquaculture Using Machine Learning”, *International Journal for Innovative Engineering and Management Research*, Volume 12 Issue 02, ISSN 2456 – 5083 Page : 94, Feb 2023.
- **Ms. T. Nagamani:** “Enhanced Face Detection Using Conventional Neural Network Algorithm in Comparison with Multi-Task Cascaded Convolutional Neural Network Algorithm”, National Conference on “Recent Trends in Information Technology” (NCRTIT-2023), ISSN : 2456-5083, Feb 2023.
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- **Ms.K.Sri Lakshmi:** “Smart Irrigation System Using Internet of Things”, International Conference on “Recent Innovations in Computer Engineering and Information Technology” (ICRICEIT-2023), February 2023.
- **Ms.T.Nagamani:** “Oral Cancer Detection Using Deep Learning Techniques”, International Conference on Innovative Data Communication Technologies and Application, March 2023.

- **Mr.M.Babu Rao: “IoT-based Household Electronic Waste Management Systems for Electronic Waste Collection”**, Proceedings of the International Conference on Inventive Computation Technologies (ICICT 2023),IEEE Xplore Part Number: CFP23F70-ART; ISBN: 979-8-3503-9849-6, 2023.
- **Mr.M.Babu Rao: “An Efficient E-Waste Management System through Energy-Aware Routing and Hybrid Optimization Deep Learning Routing on an IoT-Cloud Platform”**, Proceedings of the International Conference on Inventive Computation Technologies (ICICT 2023) IEEE Xplore Part Number: CFP23F70-ART; ISBN: 979-8-3503-9849-6, 2023.

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- **Dr.P.V.M.Raju: “A study on Impact of Store Atmospheric on Consumer Behavioral Intention”** European Chemical bulletin (SCOPUS journal) ISSN: 2063-5346, Volume :12, No: 6, July 2023,p.p.2741-2751, DOI: 10.31838/ecb/2023.12.6.246.
- **Dr. P.V.M. Raju: “The impact of Pandemic on brand promotion management-A Review”** in Journal for Basic Sciences (UGC CARE Group-II approved journal) ISSN: 1006-8341, Volume :23, No: 5, May 2023,p.p.159-167.
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PUBLICATIONS

Journal/Conference/Workshop Publications

Civil Engineering

- **Mr.G. T. N. Veerendra, Mr.B. Kumaravel, Dr.P. Kodanda Rama Rao, Mr.Subhashish Dey, Mr.A. V.PhaniManoj: “Forecasting Models for Surface Water Quality Using Predictive Analytics, Environment, Development and Sustainability”**, 2023, 23(8), 1-21, ISSN 1573-2975
- **Mr.Subhashish Dey, Mr.G. T. N. Veerendra, Mr.P. S. S. Anjaneya Babu· Mr.A.V. PhaniManoj, Mr.K. Nagarjuna: “Degradation of Plastics Waste and Its Effects on Biological Ecosystems: A Scientific Analysis and Comprehensive Review, Biomedical Materials & Devices”**, 2023, 7(5), 1-43, 2731-4820.
- **Mr. Sambangi Arunchaitanya and Mr.Subhashish Dey: “Sorptivity and Rapid Chloride Ion Penetration of Self-Compacting Concrete Using Fly Ashand Copper Slag, AI in Civil Engineering**, 2023, 2(4), 1-14, 2730-5392.
- **Mr. Subhashish Dey , Mr.G.T.N. Veerendra, Dr.A.V. Phani Manoj, Dr.P.S.S. Anjaneya Babu, Performances of Plant Leaf Biosorbents For Biosorption of Phosphorous From Synthetic Water, Cleaner Materials”**, 2023,8,1001-91,8778-3976.
- **Mr.Ganta Kiran Babu, Mr.Kalyanapu Venkateswara Rao, Mr.Subhashish Dey and Mr. G.T.N. Veerendra: “Performance Studies on Quaternary Blended Geopolymer Concrete, Hybrid Advances”**, 2023, 2, 100019, 2773-207X.
- **Mr.A.Venkata PhaniManoj, Mr.K. Ravichandran and Dr.P Kodanda Rama Rao: “Investigating the Performance of Ternary Cementitious Systems Incorporating Wollastonite Powder and Lime Sludge In Concrete”**, *Material Research Express*, 2023, 6(4),83-94, 2588-2872.
- **Mr.Naga Bharath Ch., Mr.S.S. Anjaneya Babu, Mr.Phani Kumar, Mr.Hari Pavan: “Comparative Analysis Of Strength And Deformation Characteristics Of Clayey Soil, When Treated With Fly Ash And Ground Granulated Blast Furnace”**, *IOP Conference Series: Earth and Environmental Science*, 2023,1086,012022, 4424-8579.

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- **Dr. B. Mahesh Babu, Dr. L. Ravi Srinivas, Dr. A. Amarendra: “Power Quality Improvement based on VSHDE Algorithm Incorporating Shunt Active Power Filter”**, *Journal of Electrical Systems*, Volume 19, Issue 1, ISSN:11125209, Page No: 1-13, <https://www.proquest.com/scholarly-journals/power-quality-improvement-based-onvshde/docview/2792619127/se-2>, Mar-Apr 2023.
- **Dr. M. Siva Kumar: “Implementation of Solar Photovoltaic System with Universal Active Filtering Capability”**, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No:1864-1873, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp1864-1873>, March-April 2023, (PEER REVIEWED)

- **Dr. M. Siva Kumar:** “Enhancing Energy Management in AC/DC Hybrid Microgrids via Solid-State Transformers”, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No: 705-715, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp705-715>, March-April 2023, (PEER REVIEWED)
- **Dr. L. RaviSrinivas:** “Smart Parking System with Website Integration for Convenient Pre-Booking and Updates”, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No:2060-2067, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp2060-2067>, March-April 2023, (PEER REVIEWED)
- **Dr. LRavi Srinivas:** “Solar Tracking And Fault Detection Of Solar Panels Using IoT”, *BioGecko*, Volume 12, Issue 2, March-April 2023, ISSN NO: 2230-5807, Page No: 1874-1882, DOI:<http://biogecko.co.nz/.2023.v12.i02.pp1874-1882>, (PEER REVIEWED)
- **Dr Amarendra A:** “Smart Vehicle Speed and Location Tracking System Using IoT”, *BioGecko*, Vol 12, Issue 02 , 2023 ISSN NO: 223-5807, <http://biogecko.co.nz/.2023.v12.i02.pp147-154>, Mar-Apr 2023. (PEER REVIEWED)
- **Ms. Ch. Sujatha:** “Neural Network Controller Based Solid State Transformer for Fast Charging EV”, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No: 2243-2255, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp2243-2255>, March-April 2023, (PEER REVIEWED)
- **Mr. G.Ramesh:** “Smart Energy Monitoring System for Electrical Appliances Using Thingspeak”, *BioGecko*, Volume 12, Issue 2, March-April 2023, ISSN NO: 2230-5807,Page No:1052-1063, DOI:<http://biogecko.co.nz/.2023.v12.i02.pp1052-1063>,(PEER REVIEWED)
- **Mr. J. Hema Sundar:** “Advanced Vehicle Monitoring and Controlling System using NRF24L01 Module”, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No: 649-654, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp649-654>, March-April 2023, (PEER REVIEWED)
- **Mr. D.Bhavana Rushi, Ms Sk Rizwana:** “Implementation Of Cloud Based Smart Battery Management System Using IoT”, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807 Page No: 2173-2183, DOI: <http://biogecko.co.nz/.2023.v12.i02.pp2173-2183>, March-April 2023, (PEER REVIEWED)
- **Ms.Ch.Trinayani:** “Traffic Congestion Management Using Intelligent Techniques”, *BioGecko*, Volume 12, Issue 2, ISSN NO: 2230-5807, Page No: 675-688, DOI:<http://biogecko.co.nz/.2023.v12.i02.pp675-688>, March-April 2023, (PEER REVIEWED)
- **Ms.Sk.Rizwana, D. Bhavana Rushi:** “Simulation of PMSG Based Wind Energy Conversion System Connected To A Grid”, *Industrial Engineering Journal*, Volume : 52, Issue 3, ISSN:0970-2555, DOI:http://www.journal-iiie-india.com/1_mar_23.html, March : 2023. (UGC)
- **Ms. K. Vindhya Smitha:** Performance of Hybrid System and EV based Grid Connected System, *Industrial Engineering Journal*, Volume:52, Issue4, ISSN:0970-2555, DOI: http://www.journal-iiie-india.com/1_apr_23.html, April : 2023, (UGC)
- **Mr.D.Vijay Arun:** “Solar Wireless Electric Vehicle Charging System”, *International Research Journal of Modernization in Engineering Technology and Science*, Volume 05 ,Issue 04 , ISSN: 2582-5208, Page No: 4730-4736 , DOI : <https://www.doi.org/10.56726/IRJMETS36808>, April-2023 (PEER REVIEWED).
- **Mr. Md. Rafi Khan:** “Dual Mode Fire Detection and Suppression System using IoT”, *International Research Journal of Modernization in Engineering Technology and Science*, Volume:05, Issue:04, eISSN:2582-5208, DOI : <https://www.doi.org/10.56726/IRJMETS37483>, April-2023 (PEER REVIEWED)
- **Dr.J.Kiran:** “MPPT Controlled Solar Power Monitoring System Using IoT”, *Industrial Engineering Journal*, Volume: 52, Issue 4, ISSN: 0970-2555, http://www.journal-iiieindia.com/1_apr_23.html ,April : 2023 (UGC)
- **Ms.G.Balaji:** “Pulse Width Modulation Techniques for Performance Refinement of Brushless DC Motor Drives”, *Industrial Engineering Journal*, Volume : 52, Issue 4, ISSN: 0970-2555, Page No: 1126-1131, https://www.journal-iiie-india.com/1_apr_23.html, April : 2023 (UGC)
- **Mr.V.Nagababu:** “Temperature Based Fan Speed Controller Using IoT”, *International Journal of Creative Research Thoughts*, Volume 11, Issue 4 , ISSN: 2320-2882, April 2023 (PEER REVIEWED)
- **Mr. V. Prathap babu:** “Implementation of Energy Management in Solar PV Powered EV Charging Station”, *Industrial Engineering Journal*, Volume: 52, Issue 4, ISSN: 0970-2555 http://www.journal-iiie-india.com/1_apr_23.html, April 2023. (UGC)
- **Dr. Kiran J, Dr. Srinivasa Rao G:** “Direct Torque Control of an Induction Motor Using Fractional-Order Sliding Mode Control Technique for Quick Response and Reduced Torque Ripple”, *World Electric Vehicle Journal*, Volume 14, Issue 5,Page No:1-21,DOI: <https://doi.org/10.3390/wevj14060137> May 2023, (SCOPUS)

- ✱ **Mr. Balaji G, Srinivasa Rao G, Amarendra A: “Fault Classification of Three Phase Induction Motors Using Bi-LSTM Networks”, *Journal of Electrical Systems and Inf Technology* DOI: <https://doi.org/10.1186/s43067-023-00098-x>, May 2023 (Springer-(PEER REVIEWED).**
- ✱ **Mr. E. Vargil Kumar: “Design and Implementation of a ANFIS Controller based Multi-Input Single Output DC-DC Converter”, *BioGecko*, Volume 12, Issue 3, ISSN NO: 2230-5807, Page No: 2972-2982, DOI: <http://biogecko.co.nz/.2023.v12.i03.pp2972-2982>, May-June 2023, (PEER REVIEWED)**
- ✱ **Dr. B. Dasu, Dr.M.Siva Kumar, Dr. Madhu Kiran Dr. B, Kalyan Raj K, Ms. Trinayani Ch, Mr. Bhavana Rushi D, Mr. Vijay Arun D, Mr. Rama Krishna B: “An Improved Whale Optimization Algorithm for the Model Order Reduction of Large Scale Systems”, *Journal of Electrical Systems and Information Technology*, ISSN: 2314-7172, Page No.1-25, DOI: <https://doi.org/10.1186/s43067-023-00097-y>, 16 June 2023, Publisher: Springer, (PEER REVIEWED).**
- ✱ **Dr. Mahesh Babu B, Dr. Srinivasa Rao G: “Arduino Micro Controller and MPU 6050 Gyroscope based Automatic Speed Control System for Electric Bike at Tight Turns”, *International Journal of Engineering Research & Technology (IJERT)*, Volume 12, Issue 06, ISSN: 2278-0181, Page No: 164-169, DOI:10.17577/IJERTV12IS060101, June-2023, (PEER REVIEWED)**
- ✱ **Sufia Khanam, Dr. K. Kalyan Raj: “Design and Implementation of PMU Based Two Area System for Enhanced Power System Stability”, *International Journal of Engineering Research and Applications*, Vol. 13, Issue 6, ISSN: 2248-9622, Page No: 14-21, DOI:10.9790/9622-1306142114, June 2023, (PEER REVIEWED).**
- ✱ **Dr B Dasu, Dr K Kalyan Raj, Dr B Madhu Kiran: Design of PI Controller For An E-public Carrier, *NOVYI MIR Research Journal*, Volume 8, Issue 7, ISSN No: 0130-7673, Page No: 31-39, DOI:16.10098.NMRJ.2022.V8I7.256342.37684, 2023, (UGC)**
- ✱ **Dr B Dasu, Dr K Kalyan Raj, Dr B Madhu Kiran: Modelling and speed control of E-Public Carrier, *NOVYI MIR Research Journal*, Volume 8, Issue 5, ISSN No: 0130-7673, Page No: 38-45, DOI:16.10098.NMRJ.2022.V8I5.256342.37554, 2023, (UGC)**
- ✱ **Dr B Madhu Kiran, Dr K Kalyan Raj, Dr B Dasu: Design of Charging Circuit For An Electric Vehicle, *NOVYI MIR Research Journal*, Volume 8, Issue 4, ISSN No: 0130-7673, Page No: 569-573, DOI:16.10098.NMRJ.2022.V8I4.256342.3742, 2023, (UGC)**
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Mechanical Engineering

- ✱ **Mr. Kothuri Chenchu Kishor: “Tribological Parameters Optimization of AZ31-SiC Composite Using Whale Optimization Algorithm” *Journal of Materials Engineering and Performance* 32, no. 6 (2023): 2735-2748. (SCI)**
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- ✱ **Mr.D.J.S.B.K.Reddy, Mr. J. Sri Charan: “Smart Solar Scarecrow” *International Research Journal of Modernization in Engineering Technology* 2023.**
- ✱ **Mr.P. Nageswara Reddy, Mr.Prabhakara Rao Ganji, and T. NarasimhaSuri : “A Novel PCM Cold Energy Storage System for Reducing the Power Consumption of Air-Conditioning Unit and Shifting the Daily Energy Peaks to Off-peak Hours” *Journal of The Institution of Engineers (India): Series C* (2023): Pages:1-8. (SCOPUS)**
- ✱ **Mr.Ch. Kishore Kumar Kothuri: “An Improved Whale Optimization Algorithm for the Model Order Reduction of Large-Scale Systems” *Journal of Electrical Systems and Information Technology* vol.10, No. 1 (2023): 1-25.(UGC)**
- ✱ **Mr.Nalluri Premdasu, Mr.P. Premkumar, and Mr.Ch Sastry: “Experimental Study on a Computerised VCR Diesel Engine Running on Oil Made by Pyrolyzing Waste Plastic Using Red Mud as a Catalyst” *Green Analytical Chemistry* Vol.5 (2023): 100054. (SCOPUS)3**
- ✱ **Mr.G. Prabhakara Rao: “Processing and Evaluation of NanoSiC Reinforced Aluminium Composite Synthesized through Ultrasonically Assisted Stir Casting Process” *Journal of Materials Research and Technology* Vol.24 (2023): Page.7394-7408. (SCI)**

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- **Mr. Joseph Mariamichael, Mr. Albert Raj and Ravi Selvaraj: “Survey on Quantum Noise Stream Cipher Implemented Optical Communication Systems”**, *Journal of Optical Communications*, <https://doi.org/10.1515/joc-2022-0057>, De Gruyter, February 16, 2023

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- **Dr. D.N.V.S.L.S. Indira: “Cross Layer Optimization for Wireless Systems Using Computer Vision Methods”**, *Wireless Communications and Mobile Computing*, URL: <https://ops.hindawi.com/view/manuscript/wcmc/5018436/2/>, Hindawi Publishers, 5 June 2022. (SCIE),
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- **Mr. Velevela Raghuram Chowdary: “Alzheimer’s Disease Detection Using Random Forest Algorithms by Optimal Feature Extraction”**, (Peer-reviewed, open access, fully refereed International Journal) Volume:05/ Issue:06/June 2023.
- **Mr. Battina Srinivasu Kumar: “Improved Multi-Path Trust Routing for Improving QOS in Heterogeneous IOT Based WSN”** *Mukt Shabd Journal*, Volume XII, Issue VI, ISSN NO : 2347-3150 , 18 June 2023.
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- **Dr. Ch Suresh Babu: “Image Segmentation Based on Tint Using Data Mining Techniques”**, *A Journal of Theoretical and applied information technology* , ISSN: 1992-8645, Vol.101.No.10, 31 May 2023 (SCOPUS)
- **Dr. D.N.V.S.L.S. Indira: “LWC: Efficient Lightweight Block Ciphers For Providing Security to Constrained Devices a Solution for IOT Devices”**, *Journal of Theoretical and Applied Information Technology*, 101 (7), ISSN: 1992-8645, 15 April 2023 (Scopus)
- **Dr. Suresh Babu Chandanapalli, “Smart Health Monitoring Using Deep learning and Artificial Intelligence”**, *Revue d’Intelligence Artificielle*, ISSN: 0992-499X, Vol.37.No.2, April 2023 (Scopus)
- **Dr. Ch. Suresh Babu, “Selection of Features using Adaptive Tunicate Swarm Algorithm with Optimize Deep Learning Model for Thyroid Disease Classification”**, *Ingenierie des Systemes d’Information* , Vol.28, No.2, April, 2023. (Scopus)
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- **Mr. V. Raghuram Chowdary: “Automatic Recognition of Genetic Disorder in Pediatric Age Using Pupillometry”**, *International Journal of Computer Science Trends and Technology (IJCSST) – Volume 11 Issue 2, Mar-Apr 2023.*
- **Dr. D.N.V.S.L.S. Indira: “Skin Cancer Segmentation with the Aid of Multi-Class Dilated D-net (MD2N) Framework”**, *Multimedia Tools and Applications*, DOI: <https://doi.org/10.1007/s11042-023-14605-9>, Springer Publisher, 14 March 2023, (SCIE)
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- ✱ **Ms.T.Hemalatha: “Malware Detection Using Machine Learning”** 10.48047/IJEMR/V12/ISSUE 03/68" Volume 12 Issue 03, ISSN 2456 – 5083, April 2023.
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- ✱ **Dr.Ch.Kavitha, “Detection of Cardiovascular Disease Using Machine Learning”** *A Journal for New Zealand Herpetology*, ISSN NO: 2230-5807, Vol 12, Issue 02, FEB 2023, (ESCI).
- ✱ **Dr.D.N.V.S.L.S. Indira: “Predicting Power Consumption of Individual Household using Machine Learning Algorithms”**, *International Journal on Recent and Innovation Trends in Computing and Communication*, ISSN: 2321-8169 Volume: 11 Issue: 3s DOI: <https://doi.org/10.17762/ijritcc.v11i3s.6192>, February 2023, (Scopus)
- ✱ **Mr.I Lakshmi Narayana: “Identification of Spammer Detection and Fake User on Social Networks “**, *A Journal for New Zealand Herpetology*, ISSN: 2230-5807, Vol 12 Issue FEB 2023. (ESCI)
- ✱ **Ms T Sumallika: “Detection of Proliferative and Non Proliferative Diabetic Retinopathy using CNN and VGG-16”** *A Journal for New Zealand Herpetology*, ISSN: 2230-5807, Vol 12 Issue Feb 2023.(ESCI)
- ✱ **Ms. T. Sumallika : “Deep Sea Debris Detection”**, *A Journal for New Zealand Herpetology*, ISSN: 2230-5807, Vol 12 Issue Feb 202.(ESCI)
- ✱ **Ms. T.Indradeepika, “Google Play Store App Rating Prediction Using Decision Tree Classifier”**, *A Journal for New Zealand Herpetology*, ISSN: 2230-5807 Vol 12 Issue Feb 2023. (ESCI)
- ✱ **Mr P Siva Satya Sreedhar: “The Human Eye Pupil Detection System Using Bat Optimized Deep Learning Architecture”**, *Computer Systems Science and Engineering*, vol. 46, no.1, pp. 125–135, January 2023. (SCIE).
- ✱ **Mr Y K Viswanadham, “Raspberry Pi Smart Surveillance and Attendance Management System”**, *A Journal for New Zealand Herpetology*, ISSN: 2230-5807 Vol 12 Issue Jan 2023. (ESCI)
- ✱ **Mr Melam Nagaraju: “Detection of Chronic Kidney Disease Applying the Random Forest Algorithm”**, *A Journal for New Zealand Herpetology* ,vol 12 Issue 01 2023,ISSN NO:2230-5807, Jan 2023.(ESCI)

Master of Business Administration

- ✱ **Dr G Kamal, Dr Y V Naga Kumari: “Rapid Evolution of Industry 4.0 Requires Education 4.0.”**, Three-day International Conference on “**Academic Leadership and Management in Higher Education in a Globalised Economic Era: Perspectives and Challenges**”, organized by Dept. of Commerce and Business Management, Krishna University from 2 - 4 March 2023.
- ✱ **Dr G Kamal:”A Mobile APP for Age and Gender Identification using Deep Learning Technique”**, 2023 International Conference on “**Intelligent Systems for Communication, IoT and Security**” organized by Dept. of IT, PSG College of Technology, Coimbatore from 09 - 11 February 2023.
- ✱ **Dr. P.V.M.Raju: “The Impact of AI in the Global Economy and its implications in Industry 4.0 Era.”** UGC Sponsored two-day National Seminar on “**Emerging Trends in Global Business**” from 24-25 March 2023.
- ✱ **Mr.K.Prudhvi Raj: “Shadow Economy: A potential threat to the future Economy of India - A Review”** UGC Sponsored two-day National Seminar on “**Emerging Trends in Global Business**” from 24-25 March 2023.

PATENTS

Published/Filed

Electronics and Communication Engineering

- ✱ A patent was granted to **Dr.Venkateswara Rao Kolli, Dr. Dudla Prabhakar, Ms.D. Anusha Dr. Srinivas Talabattula** for an invention entitled “**Integrated Optical MEMS Serially Coupled Double Racetrack Resonator Based Accelerometer And High Q-Factor Photonic Crystal Microring-Resonator Based Pressure Sensor**” on 9 June 2023. The patent number is 434395.

Master of Business Administrations

- ✱ **Dr P.V.M.Raju: “Method and System for Anomaly Detection in Identification Management by Human Resource (HR) using Artificial Intelligence (AI)”** Application No: 202341000564, Published on 4 January 2023.
- ✱ **Dr P.V.M.Raju: “Digital Transform using Emerging Technologies”** (ISBN: 978-81-960885-8-3) ‘**Impact of Digital Transformation in the Field of Logistics and Supply Chain Management**’ Published by AN Publications, Tiruvallur in March 2023.

R&D ACTIVITIES

Consultancy Work

Civil Engineering

- Consultancy Cell has undertaken various consultancy works worth of Rs. 1,00,450/- from January to June 2023 from various clients i.e., ONGC- Rajahmundry, Mega Engineering Infrastructure's Limited – Dokiparru; Power Mech, GVR Premco Limited- Gudivada and Machilipatnam Municipal Corporation. The Consultancy Cell took up works related to designing of rig foundations and Grama Sachivalayam & school buildings in the villages of Krishna District. The Cell also took up the work of laboratory tests related to water, soil, steel, cement, bricks and fly ash bricks.

Electrical and Electronics Engineering

- **Dr B Dasu**, Associate professor & In-Charge HOD, **Dr K Kalyan Raj**, Assistant professor received a grant of Rs. 1,00,000/- seed money under In-House R&D Scheme entitled “Design and Development of Power Train with Efficient Battery Management System For E- Vehicle” on 31 January 2023.
- **Dr G Srinivasa Rao, Dr Kiran Jasthi**: submitted a proposal to SERB, DST on “Demand response framework development for distribution systems integrated with renewable energy sources and electric vehicle charging stations” with an estimation of Rs. 24,72,177/- on 11 March 2023.

Computer Science and Engineering

- Consultancy Agreement is made with Smart Bridge Educational Services Private Limited by Dept of CSE on 30 May 2023.
- Department of CSE formed Research Advisory Committee and conducted online committee meeting with the experts from NIT, DRDO and K L Deemed to be University on 24 June 2023.

Electronics and Communication Engineering

- Principal Investigator **Dr. S.Ravi** and Co-Principal Investigators **Dr.T.Anadha Babu, Mr.B.Vamsi Krishna, Mr.N.Samba Murthy** were granted an amount of Rs 26,156/- for the project titled “**Cattle Tracking and Sound Classification to Monitor and Diagnose its Health Conditions**” in 2023.
- Principal Investigator **Dr.Ch.Bala Swamy** and Co-Principal Investigators **Mr.V.Murali Krishna, Ms.K.Sowjanya** were granted an amount of Rs 30,000/- for the project titled “**Design of Electronic Smart Helmet for Virus Protection**” in 2023.
- Principal Investigator **Dr.V.V.K.D.V.Prasad** and Co-Principal Investigator **Ms.B.Naga Sirisha** were granted an amount of Rs.27,275/- for the project titled “**Electromyogram Signal Acquisition and Processing for Muscle Movement Analysis**” in 2023.
- Principal Investigator **Ms.P.Ramya** was granted an amount of Rs 11,500/- for the project titled “**Block Chain Based Vehicle Rental System**” in 2023.
- **Dr.D.Prabhakar**, Associate Professor submitted a Project Proposal entitled “**Design and Development of Multiband Antenna for Wireless Communication Applications**” under SERB Funding Agency. The estimated cost of the project is Rs.32,00,000/-.

TRAINING AND PLACEMENT ACTIVITIES

Pre-Placement Training to the Class of 2024

- Conducted **Linguistic Competency Building** classes for CIVIL, EEE, ME, ECE, CSE & IT, AI&DS, IOT & AI&ML branches by External Experts from Monday to Wednesday of every week. Each student is imparted 2 hours of training and 2 hours of Lab practice sessions per week during III B.Tech. II Semester.
- **2 Weeks** of “**INFYTQ**” Specific Training program for the Class of 2024 (ECE, CSE, IT, AI&DS & IOT branches) for registered students and Aptitude Training for un-registered students was held from 23.01.2023 to 04.02.2023.
- “**Acuvate Software Pvt Ltd - TechBridge and FRT Program**” in association with **Microsoft**, **37 students** got shortlisted. Microsoft and Acuvate Team visited our college and conducted a One day workshop for the shortlisted students on 10th April 2023 about **TechBridge and FRT Program**.
- **LinkedIn** awareness sessions with respect to career building were conducted by the external professionals for the Class of 2024 all the branches. LinkedIn Premium Accounts were given to the students.

- **Mock Interviews** were conducted for the Class of 2024 B.Tech. students by Industry Experts from **10.04.2023 to 15.04.2023 (5days)**. Experts shared the detailed feedback of each and every student. The same is communicated to the respective students with necessary course of action to be industry ready.
- **30 days of Technical Training Classes** (Python Full Stack & Java Full Stack) for the Class of 2024 (ECE, CSE, IT, AI&DS & IOT branches) for registered students was held from **05.06.2023 to 01.07.2023**.

Pre-Placement Training to the Class of 2025

- Conducting **Programming for Corporate** training classes for CIVIL, EEE, ME, ECE, CSE & IT, AI&DS, IOT & AI&ML branches by External Experts from Thursday to Saturday of every week. Each student is imparted **2 hours of training and 2 hours of Lab practice sessions** per week during II B.Tech. II Semester.
- **Linkedin awareness sessions** with respect to career building were conducted by the external professionals for the Class of 2025 for all the branches. **Linkedin Premium Accounts were given to the students.**

Total Placements for the Class of 2023 (Upto 30.06.2023)

Batch	Civil	EEE	ME	ECE	CSE	IT	MBA	Total
2019-23*	27	80	98	283	263	78	57	886*

SPORTS

University Blues

- **M.Durganjali (19481A0171)** of IV B.Tech. CE and **G.Sandhya (20481A222)** of III B.Tech. EEE- were selected for JNTU-K Basket Ball Women's Team and played in the South Zone Inter University Basket Ball Tournament hosted by University of Madras, Chennai from 3-5 Jan 2023.
- **R.Sandhya Rani (19481A12A5)** of IV B.Tech. IT and **G.Hari Priya (21481A1240)** of II B.Tech. IT were selected for JNTUK Kho-Kho Women's Team and played in the South Zone Inter University Kho-Kho Tournament hosted by Alliance University, Bangalore from 23-26 Jan 2023.
- **K.Rajesh (19481A0359)** and **Md.Javeed (19481A0378)** of IV B.Tech Mechanical were selected for JNTU-K Ball Badminton Men's Team and played in the All India Inter University Ball Badminton Tournament hosted by Mangalore University, Mangalore from 14-17 Jan 2023.
- **R.Sandhya Rani (19481A12A5)** of IV B.Tech. IT, **K.Lakshmi (21485A0420)** of II B.Tech of ECE and **K.Uma Maheswari (21485A0508)** of III B.Tech CSE were selected for JNTU-K Rope Skipping Women's Team. **B.V.S.Jagadeesh (20485A0222)** of IV B.Tech EEE, **Syde Baji (20481A0187)** of III B.Tech CE and **J.K.V.Satish Reddy (20481A5423)** of III B.Tech AI&DS were selected for JNTU-K Rope Skipping Men's Team. Both the teams played in the All India Inter University Rope Skipping Tournament hosted by LNCT University, Bhopal from 21-24 Jan 2023.
- **SK.N.Chandini (22481A04M0)** of I B.Tech. ECE, **P.Keerthi (21485A0417)** of III B.Tech ECE and **D.Pragna (21481A5421)** of II B.Tech AI&DS were selected for JNTU-K Ball Badminton Women's Team. The Team participated in the All India Inter University Ball Badminton Tournament hosted by Crescent Institute of Science and Technology, Chennai from 27-30 January 2023.

Coaching Camps for JNTUK University Teams

University Ball Badminton Team Coaching Camp (MEN)

- JNTUK Ball Badminton Men's Team coaching camp was organized by SR GEC from 7-10 January 2022. The selected team participated in All India Inter University Ball Badminton Men's tournament hosted by Mangalore University, Karnataka from 13 -17 January 2022.



Ball Badminton Selection Trails (MEN)

- JNTU-K Ball Badminton Men's Team selection trails were organized at SR GEC on 3 January 2023. 25 players representing from various affiliated colleges of JNTU-K attended to selection trails. The selected team participated in All India Inter University Ball Badminton Men's Tournament hosted by Mangalore University, Mangalore from 13-17 January 2023.



JNTUK Inter Collegiate Weight Lifting, Power Lifting And Body Building Championship

- Students of SR GEC received medals in JNTU-K Inter Collegiate Weight Lifting, Power Lifting and Body Building competitions organized by GMRIT, Rajam on 7 & 8 January 2023. The winners of various events given below.

Name	Roll Number	Event	Award
K.Koteswara Rao	21481A0598	Best physique	Gold
K.H.N.Siddik	21481A05b0	Weight lifting	Silver
V.Grace Vijaya	21481A05D0	Weight lifting	Silver
J.N.S.Harshitha	21481A0480	Weight lifting	Silver
K.Pujitha	21481A04C8	Weight lifting	Gold
K.Anusha	21481A04A9	Weight lifting	Gold
Sk.N.Chandini	22481A04M0	Weight lifting	Gold

JNTUK Men Central Zone Games Meet 2022-23

JNTU-K Central Zone –Inter Collegiate Games Meet was organized at SR GEC on 28 & 29 March 2023. 67 affiliated colleges of JNTU-K participated in the Games Meet. Sri N.Satyanandam, SDPO, Gudivada was the chief guest and Dr.K.V.Ramana, Rector, JNTU-K was the guest of honour of the programme. Volleyball, Kabbadi, Ball Badminton and Table Tennis for Men and Women were conducted.



Overall Championship Men & Women Central Zone

VOLLEY BALL(W) WINNERS

Sl. No	Name of the Student	Regd.Number
1	M.Divi Teja	20485A0139
2	Ch.Sushma	20481A1227
3	K.U.Maheswari	21485A0508
4	K.Anitha	21481A6028
5	K.Pujitha	21481A04C8
6	T.Meghana	22485A0523
7	K.Lakshmi	22485A0420
8	J.Sri Vani	22481A0585
9	V.Srinija	21481A12G5
10	K.Akhila	21481A1271
11	V.Manasa	21481A54B6
12	T.Nikhitha	21481A12F1

KABADDI (W) WINNERS

Sl. No	Name of the Student	Regd.Number
1	I.Vasudha	20481A0357
2	Ch.Sushma	20481A1227
3	M.K.Rajitha	20481A12C3
4	K.Anitha	21481A6028
5	K.Pujitha	21481A04C8
6	T.Meghana	22485A0523
7	K.Uma Maheswari	215A050848
8	J.Sri Vani	22481A0585
9	M.Nisha	21481A04D3
10	G.V.S.Jyoshnavi	22481A0576
11	A.Shanmukhi	21481A1202
12	GL.Sowmika	21481A1237

“You are the conductor of your own attitude! Nobody else can compose your thoughts for you.” – Lee J. Colan

BALL BADMINTON (W) WINNERS

Sl. No	Name of the Student	Regd.Number
1	K.Sravani	19485A04C2
2	M.Naga Siva	19485A1265.
3	R.Sandhya Rani	19485A12A5
4	P.Keerthi	21485A0417
5	D.Pragna	21481A0421
6	Sk.N.Chandini	22481A04M0
7	Y.Praneetha	21481A4263
8	G.Hari Priya	21481A1240
9	V.Grace Vijaya	21481A05O4.
10	D.Tejaswi	20481A0553

TABLE TENNIS (W) WINNERS

Sl. No	Name of the Student	Regd.Number
1	G.Harshitha Devi	21481A0581
2	A.H.Sankeerthana	21481A6001
3	P.Harshitha	21481A0269
4	Sk.M.G.Parvin	21481A12D7
5	M.Divi Teja	20485A0139

BALL BADMINTON (M) WINNERS

Sl. No	Name of the Student	Regd.Number
1	K.Rajesh	19481A0359
2	Md.Javeed	19481A0378
3	Ch.Jayasurya	20485A0112
4	P.Venu Babu	19481A0553
5	P.Bhanu Prakash	21481A0270
6	B.S.Nayak	21481A0519
7	T.S.Srinivas	20481A0187
8	Syed Baji	20481A0315
9	M.Bhanodhai	20485A0315
10	N.S.Kumar	22481A12C5

KABADDI (M) WINNERS

Sl. No	Name of the Student	Regd.Number
1	R.Yuvaraj	19485A0262
2	R.C.N.Koteswar	19485A0264
3	B.V.S.Jagadesh	20485A0222
4	V.Pandu Babu	20485A0339
5	V.Charan Teja	20485A0167
6	M.S.N.Sai	19481A05E7
7	B.Sasikanth	19481A0309
8	M.Dinesh	19481A0327
9	P.Siva Ram	20481A0166
10	S.Uday Kiran	21481A05K0
11	B.Venkanna Babu	22481A0532
12	K.Dinesh	20481A0138



JNTUK Central Zone Inter-Colleageate Tournament (Men & Women) 2022-23

Students of SR GEC (Men Team) got second position in Kho-Kho in JNTUK Central Zone Inter-Colleageate tournament organized by RISE Krishna Sai Prakasam Group of Institutions, Ongole on 31 March & 1 April 2023.

Name	Roll Number	Game	Place
M.D.sankar	19481A0112	Kho-Kho	Runners
P.Rama Seshu	20485A0143	Kho-Kho	Runners
P.D.V.V.Hamenth	20485A0144	Kho-Kho	Runners
N.Durga Prasad	19481A1281	Kho-Kho	Runners
T.S.Srinivas	20481A0188	Kho-Kho	Runners
N.Yesu Babu	20481A0168	Kho-Kho	Runners
J.K.V.S.Reddy	20481A5423	Kho-Kho	Runners
Sd.Baji	20481A0187	Kho-Kho	Runners
P.N.Srihari	20481A0169	Kho-Kho	Runners
M.Pavan Kumar	20481A12B4	Kho-Kho	Runners
T.VenkateswaraRao	21481A0165	Kho-Kho	Runners
V.Ashok Babu	21481A04N5	Kho-Kho	Runners
S.Chandu	21481A0279	Kho-Kho	Runners
U.Venkatesh	22481A54B6	Kho-Kho	Runners
L.Naveen Kumar	22481E0028	Kho-Kho	Runners

National Level Fests

SR GEC Ball Badminton Men Team secured the first place in Premier National Level Symposium organised by Chalapathi Institute of Technology, Guntur from 31March to 1 April 2023.

BALL BADMINTON (M) WINNERS

Sl. No	Name of the Student	Regd.Number
1	K.Rajesh	19481A0359
2	Md.Javeed	19481A0378
3	Ch.Jayasurya	20485A0112
4	P.Venu Babu	19481A0553
5	P.Bhanu Prakash	21481A0270

VOLLEY BALL(W) WINNERS

Sl. No	Name of the Student	Regd.Number
1	M.Divi Teja	20485A0139
2	Ch.Sushma	20481A1227
3	K.U.Maheswari	21485A0508
4	K.Anitha	21481A6028
5	K.Pujitha	21481A04C8
6	T.Meghana	22485A0523
7	G.Hari Priya	21481A1240
8	J.Sri Vani	22481A0585
9	P.Bhargavi	19481A12A0
10	R.Sandhya Rani	19481A12A5

SR GEC Volleyball Women's Team secured the first place and Table Tennis (Doubles) Women's Team secured the second place, Rope Skipping Men Team secured the second and the third places in UDGM 2023 organised by SRM University, Amaravathi from 15 to 17 April 2023.

Rope skipping

Name	Roll Number	Event
B.V.S.Jagadesh	20485A0222	Single Bounce
J.K.V.S.Reddy	20481A5423	Single Bounce
Sd.Baji	20481A0187	Speed Sprint

TABLE TENNIS (W) RUNNERS

Sl. No	Name of the Student	Regd.Number
1	G.Harshitha Devi	21481A0581
2	A.H.Sankeerthana	21481A6001



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