

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)

Accredited by NAAC

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Techno LIGHT

A Semi-Annual Newsletter

July 2022

FROM THE EDITOR-IN-CHIEF

There used to be a pronunciation issue about the old name of our college, GEC, which the short form of the new name, SRGEC, doesn't seem to have resolved. In its earlier avatar, the college was GEC. While some pronounced it as an acronym – that is to say, as one word – for many, it was a case of initialism because they enunciated each letter of the name. One would tend to think that, with SRGEC, there will be no such confusion. It is difficult to pronounce it as one word; one has only to say each letter of the name while mentioning the name of the college. But this doesn't seem to be the case. It looks as though a hybrid pronunciation (part initialism and part acronym) is also possible, as in the case of CD-ROM in which the first element is an initialism and the second an acronym. In other words, while in the case of SR, each letter will have to be enunciated, it is possible to pronounce the second element, GEC, as one word! There is something else that favours the hybrid variant: it is easier to pronounce. The name just rolls off the tongue, doesn't it? Be that as it may, the official position is that SRGEC is an initialism; the hybrid variant is non-standard.



Let me now present this issue of *Technolight*. Though late, it comes, as you can see, with plenty of news. Awards and achievements of students, faculty news, especially their presentations and publications, consultancy work, talks by experts, and departmental activities, including those of the ELT Centre, are recorded with pictorial illustrations. Our sustainable development model drew appreciation from an MGNCRE official at a sustainability workshop held in March 2022, and our engineering departments (CE, EEE, ECE and CSE) have gained the research centre status. You will be happy to read details of these distinctions inside. The issue does justice to all the other initiatives, including the skill-oriented programming laboratory we have set up in collaboration with our alumni (AAGEC) and Smart Bridge Educational Services Private Ltd.

I do hope you find this issue interesting. I would be grateful for your feedback and suggestions. Please email them to editor.technolight@gecgudlavalleru.ac.in.

Happy reading!

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

National Youth Day

National Youth Day was celebrated in the college in coordination with NSS wing of the college on 11 January 2022. Sri Savyananda Swamji from Rama Krishna Mission of Bareilly, Uttar Pradesh, addressed the gathering. He narrated the life style and life secrets of Swamy Vivekananda in the form of short stories. He cited examples of prominent persons who got benefited from his teachings. He stressed the importance of discipline in life. On this occasion, essay writing competitions were conducted to the students in both Telugu and English. As many as 240 students took part in these competitions. Manu Charitable Trust, Gudivada President, Mr. Chandana Leela Srinivas, gave away prizes to the winners and distributed appreciation certificates to all the participants. And, the Principal of the college Dr. G.V.S.N.R.V Prasad, released a free book on “Way to Success”. Trust President Mr Srinivas, Secretary, Dr. Kodali Soma Sundara Rao and, Vice-President Sri Arja Prasad were felicitated.



National Youth Day celebrations

Republic Day

The principal of the college, Dr. G.V.S.N.R.V Prasad hoisted the flag on the eve of Republic Day Celebrations and addressed the gathering on 26 January 2022. All the staff members of the college attended the programme. During the program, the officials of the college gave scholarships for all the meritorious students’ of the college who excelled in academics.

Awareness Programme

An awareness programme on the “**Role of Students in Road Safety**” was conducted in the campus in February. Gudivada, Road Transport Officer, Mr. P.Seeta Rama Rao and Mr. M.Murali, Founder Director of VHEEDU, a Non-Government Organisation, were the speakers. Mr Rama Rao stressed the importance on wearing a helmet, possessing a driving license, and practicing the traffic rules. He asked the students to download Safety Champ App and answer the questions to get an e-certificate. He added that all the students should practice social responsibility which in turn would be a great service to the nation.

Workshop

A workshop was conducted on “**Sustainability Campus Institutional Workshop**” by Ms Goli Varsha Viswanadh, Mahatma Gandhi National Council of Rural Education under the Ministry of Human Resource Development (MGNCRE), Department of Higher Education, Government of India on 03 March 2022.

In the workshop, the Principal of the college, Dr. G.V.S.N.R.V Prasad, spoke about the water management procedures developed by Civil Engineering Department, renewable source of energy by Mechanical Engineering Department, energy maintenance and minimization by Electrical and Electronics Engineering, e-waste management by Computer Science and Engineering department and Electronics and Communication Engineering departments. He also spoke on the significance of carrying out projects on humidity and air pollution in the college for sustainable development. Ms Varsha in her speech added, “These are all successful stories and signs of development where SRGEC is a role model for other colleges to follow”. She highlighted on the prominence of sustainable development model which in turn helps in the facilitation of new innovations and many start ups.



Talk by Ms. Goli Varsha Viswanadh

Appointment of In-Charge HoDs of AI&DS and IoT

Dr. K Srinivas from Computer Science and Engineering and Dr. Y Symala from Electronics and Communication Engineering departments, took charge as HoDs(i/c) of Artificial Intelligence & Data Science and Internet of Things on 04 March 2022.



Ms Naga Prasuna addressing the students

International Women’s Day Celebrations

Women’s Day was grandly celebrated in the college on 08 March 2022. Ms Naga Prasuna Balantrapu, Director, IMIS pharmaceutical Ayurvedic Medicine Company, Vijayawada and Dr Ch Sugunavathi Medical Officer, Public Health Centre, Kovutharam were the Chief Guest and the Guest of Honour. Krishna District Cooperative Central Bank Ltd. (KDCC) Director Ms. Padamati Sujatha also graced the function. Ms Naga Prasuna in her speech said that women should not wait for men to give an opportunity. Instead, they need to take the chance on their own. On this occasion, a student from second year EEE branch read out a poem on women received appreciation by the audience.

Informative Talk

An Inspirational speech was delivered by Dr. Tripuraneni Hanuman Chowdary on “**The Greatest Company in the world-The Story of Tata**”, to the students of SRGEC at the Central Lecture Theatre on 12 March 2022.

Dr. Tripuraneni Hanuman Chowdary, Former Director of the Centre for Telecommunication Research and Studies travelled more than 80 countries. Dr. Tripuraneni spoke on the book “The Story of Tata” written by Peter Casey, Chairman of

Global Investment and Search. He elucidated on how TATA emerged into one of the leading companies in India to one of the leading companies of the world leading company since the pre-independence era. Dr. Hanuman Chowdhary impressed upon the audience with a power point presentation on how to achieve success. He described intelligence and health as the key secrets of India’s prosperity. In the midst of his speech, he enthralled the students by explaining the meanings of Sanskrit slokas. Answering to one of the questions posed by the students as to why is India still a developing country, Dr. Chowdhary said that it depends on various aspects such as financial resources, youth, and evil practices. He also elaborated that if a country gets stuck in corruption, then it cannot move ahead on the path of development. He sincerely appealed to every Indian to greet others using ‘Namaskar’ and ‘Jai hind’ while taking leave as they are indicators of Indian culture and tradition. He also shared his experiences of travelling more than 80 countries with the audience.



Dr Tripuraneni Hanuman Chowdary addressing the gathering

The principal of the college honoured, Dr. Tripuraneni with a shawl and a memento. Vice Principals Kodanda Rama Rao, Dr. M.R.Ch. Sastri, Director (AS&A) Dr. B. Karuna Kumar, Advisor to the Management Dr. P. Ravindra Babu, Heads of various departments, faculty, and students were present.

A Famous Telugu Lyric writer Sri Tripuraneni Kalyan Chakravarthy, grandson of popular writer Kosaraju, gave an inspirational talk on “Poetry and Social Consciousness” in the afternoon session of 12 March 2012. He is known for his lyrics in a few successful films such as ‘Ala Vikuntapuram’ and ‘Akhandam’. Mr. Tripuraneni advised students to master native language to express feelings comprehensibly. He told the students that speaking in the mother tongue fluently will help us understand our past, and explore our personality. He also added that imparting education in English language helps in winning bread and butter. He believed that poetry can bring revolution and a song can help in building nation. Mr. Tripuraneni praised the other speakers for sharing their experiences of awakening the society through literature, and, film songs. He added that the 75th Independence Day celebrations should promote patriotism in every individual. He requested students to sing songs that instill patriotic fervor. Dr. P.S.V SrinuBabu, Assistant Professor of Mathematics, recited a poem in Telugu titled “Desam Hayiga Nidrapootundi” on Indian soldiers who are always ready to sacrifice their lives to safe guard the country. Later, some students recited a few poems spontaneously drawing inspiration by him. The Principal of the college, Dr.G.V.S.N.R.V Prasad, honored Dr. Chakravarthy with a memento. College officials, staff and students were present.



T. Kalyan Chakravarthy speaking to the students

ISTE Awards for the Year 2019

RGM CET, Nandyal, conferred ‘Best Engineering Teacher in A.P’ award to Dr. M. Kamaraju, Professor, Dept. of ECE, SRGEC. AITAM, Tekkali, conferred ‘Best Student Innovator from AP Engineering College’; award to Mr. G. N. V. Sai Kalyan, ECE, SRGEC. A ‘State Award for an Ideal Student of Talent and Excellence’ for Engineering Colleges in A.P was sponsored by SR Gudlavalluru Engineering College. It was conferred to Ms. Ponnuru Sri Ranjitha of SRGEC.

Chief Guest of the program, Prof. K. Hemachandra Reddy, Chairman, APSICHE, and Guest of Honour, Prof. G. Ranga Janardhana, Vice-Chancellor, JNTUA presented these awards on 12 March 2022.

Overseas Education Counselling Session by Ed & ImmiGo was conducted for the aspirants from III and IV B. Tech students on 28 March 2022.

Smart India Hackthon was conducted in the college by CSE Department on 28 March 2022. 72 students of SRGEC participated in the event.

Extra-Curricular activities

Dance programmes were organised for all the students of the college by the cultural club of the college in the open air auditorium of the college on 01 April 2022.



Ed & ImmiGo team counselling the students

Collaboration and cooperation will beat competition every time.

Top 10 Achievers award

Top 10 Achievers award was presented to SRGEC by HCL Technologies, Chennai, in recognition to the partnership in developing talent and continued support as a trusted hiring partner on 28 April 2022.

Certificate of Recognition

SRGEC received certificate of recognition for its outstanding performance and good student participation in Code Riders 2021 event from EduSkills Foundation.

Blood Donation: Award to SRGEC

Puttugunta Venkata Satish Health Foundation presented 'Best Service Award' to SRGEC for conducting Blood Donation Camps. A blood sampling programme was conducted on 09 May 2022 in the campus.

DISA App Drive

A promotion of DISA app was organized by the officials of Gudivada Police Sub Division at the SRGEC on 13 May 2022.

Distribution of Certificates

Provisional certificates distribution ceremony was conducted to give away the certificates to students of all branches in two spells on 21 May 2022.

Skill Oriented Programming Laboratory

Skill Oriented Programming Laboratory was inaugurated in the college on 6 June 2022. This lab was established in collaboration with Alumni Association of SRGEC (AAGEC), Smart Bridge Educational Services Pvt Ltd and SRGEC. The carpet area of the laboratory is 422 sq. mt. with 228 nodes and Linux as operating system. C++, Turbo C, JAVA, Python, Jupiter Note Book, Spyder 3, Eclipse, Basic R Studio and SQL Lite are the available software used for programming.

National Education Policy 2020

A faculty development program on "Insights of NEP 2020 and Strategies for its Implementation" was organised by Academic Strengthening and Advancement Cell of the College on 12 June 2022.

International Yoga Day was celebrated in the college on 21 May 2022. Sri Raghu Guriji, Yoga Master of Satya Sai Dhyaana Mandali was invited as the chief guest. He came along with his team to conduct a session on "Yoga for personality development". On this occasion, the Principal of the College, Dr. G.V.S.N.R.V Prasad welcomed the guest and also reminded that the first International Day of Yoga was celebrated on June 21, 2015, with the support of 175 United Nations Delegates who initiated the process of observing the International Day of Yoga in the General Assembly of the United Nations on 27 September 2014. The Principal urged everyone to embrace Jivita Yogam.

Sri Raghu Guruji, the first disciple of Bhikshamayi Guruji, Yoga Guru, said that yoga is a great Indian orthodox process which brings massive change in thinking, behaviour and life style, especially at the student stage. He also added that yoga is a tool for personal development, and, is a holistic approach to integrate mind, body, thought and action, sobriety and

fulfilment, harmony between man and nature, health and social well-being. In his speech, he explained the secrets of yoga, the method of science, the rules of diet to be followed, the methods to form good thoughts, and demonstrated the asana processes related to concentration, memory power, reading power, and, the ability to renew. He also made various postures in yoga and explained their benefits through a power point presentation. He stated that yoga is a means to reach the supreme state of mind, which relaxes the senses, unifies all the human energies, brings a state of calmness and concentration, and reduces stress.

Yoga Guru, Uma Maheswar Guruji, and Manu Seva Sansthanam President, Mr.Srinivas, attended the event. Also, students were taken to Gudivada Stadium to participate in the yoga sessions promoted by the Prime Minister Mr. Narendra Modi via internet.



FDP on NEP-2020



Sri Raghu Guriji explaining the benefits of Yoga

Awareness programme on the Effects of Drugs

An awareness programme on “Evil Effects of Drugs and Intoxicants” was conducted in the college by Special Enforcement Bureau, Gudivada. Smt Asma Farheen, Additional Superintendent of Police, SEB, Krishna District was the chief guest of the program. In her speech, Smt Asma Farheen cautioned and urged all the students to be conscious of the evil effects of drugs.

She said that the consumption and transportation of dubious drugs result in young generation going astray and lead them to dangerous paths. She added that students are the target of drug trade and they need to be aware of the prevalence of organized drug dealing on campus and, those who use drugs are identified as criminals. She said that there are stringent laws to deal with them. Furthermore, she noted that people who are weak both mentally and physically become a problem to the society. She expressed that the students and youth who are addicted to the usage of these intoxicating substances are becoming despondent. She stressed on the importance of discipline in life and stated that “Discipline is a wonderful tool for everyone to grow in life”. R.B Peddaraju, Inspector of Police, Gudivada and B. Tulsidhar, Inspector of Police, Machilipatnam enlightened the students on various laws, and on the ill effects of usage of drugs. They also quoted a few examples of people who lost their lives by drug abuse.

Workshop

A two-day workshop was conducted in the college on **Machine Learning: Concepts and Applications** on 20 June and 1 July 2022 by R&D Cell of SRGEC, Dr P Nageswara Reddy was the resource person of the sessions.

Research Centres

SRGEC was recognized as an affiliated research centre to JNTUK, Kakinada for providing qualitative engineering education in various disciplines. The Departments of Civil Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering and Computer Science and Engineering were accorded with the status of research centres. Dr Raveendranath, Director, Directorate of Research and Development, JNTUK, Dr GVR Prasad Raju, Vice Chancellor, JNTUK handed over the certificate of recognition to Er. Satyanarayana Rao Vallurupalli, Secretary and Correspondent and Dr. G.V.S.N.R.V Prasad, Principal, SR GEC in the presence of Dr L Sumalatha, Registrar, and Dr. K.V Raman, Rector, JNTUK on 1 July 2022. The Principal on the occasion said that envisaging the technological advancements in the years to come, the institution has decided to equip the laboratories with state-of-art equipment. He said that this provision would provide greater opportunities to all the aspiring scholars in the field of research. He expressed his happiness and said that the college reached another milestone in the field of research. The college management, and other officials, Heads of various Departments, and, Professors extended their greetings.



Er.Satyanarayana Rao, Secretary & Correspondent and GVSNRV Prasad, Principal receiving the certificate from Dr GVR Prasad Raju

Alumni Association Activities



Alumnus of SRGRC addressing the students

On behalf of GEC Alumni Association, DISA organized an orientation programme for the I B. Tech students on 19 March 2022. The programme began with the alumni garlanding the statue of the father of Gudlavalluru Engineering College, late Sri V V R Seshadri Rao. Twenty two alumni members from various departments participated in DISA 2022. Later, the alumni interacted with the I B. Tech students of all the departments at the venues allotted to them. During the session, the alumni gave valuable suggestions to the student; how to become successful engineers and good human beings and Samaritans. The alumni members ensured the students that they would extend their support to the fullest extent in making them ready for the industries.

The Annual General Body meeting of Alumni Association of Gudlavalluru Engineering College (AAGEC) was conducted in the college campus on 09 April 2022 from 10.45 AM to 12.45 PM.

Minutes of Annual General body Meeting

- The annual report of AAGEC and the audited statement of the accounts for the financial year 2020-2021 were presented by Mr. B Rama Krishna, Treasurer of AAGEC received approval.

Everything starts from gratitude. From there, all else lines up for you.

- As the President of AAGEC, Mr. D Mahesh made a proposal of extending partial financial support to the establishment of 'Skill Development Lab' in Seshadri Rao Gudlavalleru Engineering College. A majority of the members agreed upon providing 40 lakhs to buy the equipment to the lab.
- Decided to provide TA to all the Executive Members for attending AAGEC meetings.
- Decided to recruit a Junior Assistant exclusively for the Association.
- Proposed and decided to design a logo for the Association by conducting Logo Design competitions for SRGEC students.
- Proposed and decided to purchase a domain to host Office 365 accounts to the alumni registered in AAGEC website.

Partial financial Support

- Alumni Association of Gudlavalleru Engineering College (AAGEC) provided a partial financial support for the establishment of 'Skill Oriented Programming Laboratory' in Seshadri Rao Gudlavalleru Engineering College.



Skill Oriented Programming Laboratory

ELT Centre's Activities

Workshop on 'Academic Reflection Skills'

A workshop on 'Academic Reflection Skills' was conducted for the faculty members of the Department of English with Dr Ramanujam Parthasarathy, Director, as the resource person. The 16-hour workshop with six sessions spread over eight days from 7 June to 2 August 2022, and Tuesday afternoons were devoted to this purpose. The objective of the workshop was to develop academic reflection skills in the teachers so that they could train the mentors and mentees on the Centre's Peer Mentoring (PM) programme in reflecting on their PM experiences in a purposeful way both on the Centre's Facebook-hosted forum, 'GEC Peer Mentoring,' and on their blogs.

In the six sessions, the focus was on the following:

- An insightful discussion on thinking and reflecting
- Brainstorming the question, 'What skills does reflection on one's teaching call for?'
- Analysing the reflections of good teachers to identify academic reflection skills
- Reflecting on one's own practices as a teacher
- Facilitating peer mentoring reflections
- Commenting on students' PM reflections

Sessions 4 and 5 were the most significant ones of the workshop. In Session 4, held on 19 July 2022, each of the twelve participants made an excellent presentation on their reflections on a significant classroom issue they had actually experienced. In their reflections, they not only looked back on the issue, but analysed it in an insightful way, questioned the practice and the belief underlying that practice, and gave an account of how they had implemented the action plan they had drawn up to deal with / resolve the issue. In Session 5, which focused on commenting skills, the teachers received hands-on training in commenting on students' PM reflections.

The Centre finds that a workshop of this kind spreading over several days with a two-hour session on each day represents a better model as there is scope for participants carrying out the set tasks at home and then making presentations at the workshop.

Workshop on 'Facilitating Peer Mentoring Reflections'

The quality of the IBTech students' reflections on peer mentoring (PM), posted on the Centre's academic forum, 'GEC Peer Mentoring,' has always been a matter of concern to the Centre. To address this issue, the Centre wanted to conduct a series of workshops in small groups for the 300-odd mentors. In June 2022, the Centre selected two mentors from each of the 21 first year B Tech sections and administered them a test of reading comprehension making advanced cognitive demands – the questions sought to test skills such as synthesizing, analyzing, reasoning, and interpreting. Nineteen of those students scored 60% or above on the test. On 21 June 2022, Dr Ramanujam Parthasarathy, Director of the Centre, conducted a workshop for them on writing reflecting accounts of their PM experiences on the Centre's Facebook-hosted online forum as well as on their blogs. The students' participation in the workshop was very good.



Dr Ramanujam Parthasarathy conducting the Workshop

Remember, perspective can cause two people to look at the same thing and see two totally different things.

The workshop has produced good results because since then there has been a qualitative improvement in the PM reflections of the mentors trained. Some of the mentors are also blogging about their PM experiences. The task of conducting similar workshops for the rest of the mentors has been entrusted to the class teachers.

PUBLICATIONS

Book chapters

- ✿ Ramanujam, P. (2022). Peer feedback in L2 writing. In Ruchi Kaushik & A. L. Khanna (Eds.), *Critical Issues in ELT* (pp. 243-255). Aakar Books (ISBN 978-93-5002-772-1)
- ✿ Ramanujam, P. (2022). Developing expertise through reflective practice. In S. P. Dhanavel (Ed.). *Continuing Professional Development of English Language Teachers: Perspectives and Practices from India*. Springer. (ISBN: 978-981-19-5068-1)

Short story (translation)

He was commissioned by the Sahitya Akademi to translate into English one of his Tamil stories published in 1990 in a famous literary journal. The translated story titled 'The Great Culture' was published in the Akademi's journal, *Indian Literature* (No. 324, pp. 109-115), in April 2022. (ISSN: 0019580-4)

Poem

His poem titled 'No, just the same,' was published on PoemHunter.com on 15 April 2022 <https://www.poemhunter.com/poem/no-just-the-same/>

EVENTS HELD AT THE ELTC LIBRARY

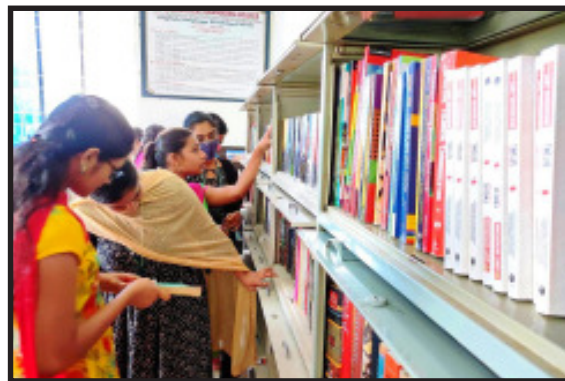
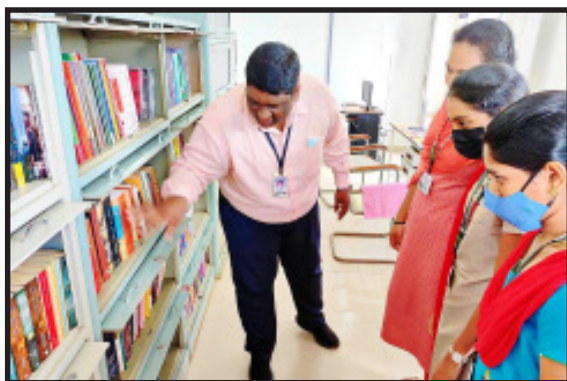
Review of Jeffrey Archer's 'The Paths of Glory'

On 11 January 2022, K Tagore Rao (18481A0248), a final year Electrical and Electronics Engineering (EEE) student reviewed Jeffrey Archer's 'The Paths of Glory,' a novel based on a true story that brings to life one of history's enduringly enigmatic heroes, George Mallory, who died attempting to climb Everest in the 1920s. The riveting talk was followed by a very interesting interaction between the reviewer and the audience. All the teachers of the English department, a few faculty members of the S&H department, and a few students attended the book talk.

Orientation programme for I BTech students

Mr P Raj Kiran, Librarian of the ELTC Library (and Assistant Professor of English), conducted a one-week (13-18 June 2022) orientation programme on the utilization of the library for the first-year B.Tech students. Approximately, 950 students from all the branches of engineering (CSE-246, ECE-232, IT-172, EEE-91, AI&DS-61, AI&ML-62, ME-52, CE-32) visited the library in small groups on the orientation programme, and each session lasted about 15 minutes.

The library has a vast collection of popular novels, including those by Arthur Hailey, Irwing Wallace, Maria Puzo, Frederic Forsyth, John Grisham, Jeffrey Archer, Paulo Coelho, Dan Brown, Raja Rao, RK Narayan, Khushwant Singh, Rohinton Mistry, Vikram Seth, Upamanyu Chatterjee, Arundati Roy, and Amish Tripathi as well as popular non-fictional works of great writers like Bertrand Russell, Noam Chomsky, Nirad Chaudhury, VS Naipaul, Dom Moraes, Ved Mehta, Sashi Tharoor, Gurcharan Das, Amartya Sen, Mark Tully, and Ramachandra Guha. The collection also includes classic movies, plays of Shakespeare, and BBC serials like 'Yes, Minister' in DVD form, news magazines, newspapers, and research



Students visiting the ELTC Library

journals. The library regularly organizes book reviews, talks on writers on special occasions, discussions on topical issues, film screening, and poetry recitation.

On the orientation programme, the students were introduced to the books and the other services of the library and urged to use the library and benefit from the services. The students spent quite some time browsing through the books and the magazines and acquainting themselves with the facilities available in the library. It was an impactful orientation programme. In the following week, more than 80 first year students visited the library again and borrowed books.

Take the time today to be good to you, in thoughts, deeds and actions—but especially in your thoughts.

Department Alumni Association Activities

Mechanical Engineering

- **Mr. Ch. Krishna Chaitanya Sharma**, CFD Solver Developer, CCTech, Bangalore, interacted with II B. Tech students regarding opportunities in Mechanical Engineering, on 22 June 2022.

Information Technology

- Alumni member **Mr. Dhara Mahesh (07481A1216)**, Director, ForecastEra, Hyderabad delivered a guest lecture on “**Basics of Salesforce technology**” to the II year students, on 4 April 2022.
- **Mr.S.Sri Krishna (06481A1249)** Senior Software Engineer, Anblics, Hyderabad, **Mr.Dhara Mahesh (07481A1216)** Director, ForecastEra, Hyderabad, **Mr.T.Pujith (15481A12A4)** Analyst in Accenture Solutions Pvt Ltd Hyderabad, **Mr L. Yogesh Kumar (15481A1263)** Software Engineer Cognizant Technologies, Hyderabad and **Ms.Lakshmi Pemmaraju (15481A1288)** Associate System Engineer in TCS, Hyderabad conducted a career guidance program to II year students on “**How to Prepare for Interviews**” on 19 March 2022.

Students News

Achievements/ Awards

Electronics and Communication Engineering

- **A.Vijay Rohith (20481A0416)** won first prize in “**National level Techno-Cultural Symposium**” organized by Dhanekula Institute of Engineering and Technology on 21 May 2022.
- **G.N.V.Sai Kalyan** won the “**Best Student Innovator**” award from ISTE AP Section for AITAM State Award sponsored by Adithya Institute of Technology and Management, Tekkali.
- **A.Vijay Rohith (20481A0416)** won first prize in Poster Presentation in the “**Explorika 2K22**” organized by the Department of ECE, Velapapudi Rama Krishna Siddhartha Engineering College from 13 to 14 May 2022.
- **Abdul Musharaf (20481A0402)** and **Anumakonda Vijay Rohit (20481A0416)**, won **second prize** in Poster Presentation on “**waste management**” organized by Ramachandra College of Engineering, Eluru on 31 March 2022.
- **Durga Prasad (20481A0427)** and **Snehith (20481A0443)**, won first prize in Project Expo held at Ramachandra College of Engineering, Eluru on 31 March 2022.
- **A.Eswar (20481A0413)** and **D.Chaitanya (20481A0463)** won first prize in “**Ideathon**” (Virtual) competition organized by PVPSIT on 26 March 2022.
- **Abdul Musharaf (20481A0402)** and **Anumakonda Vijay Rohit (20481A0416)**, won first prize in “**Poster Presentation**” organized at Usharama College of Engineering on 25 March 2022.
- **K.Monalika (20485A0408)** obtained the first prize in Technical Paper Presentation on “**Block Chain Technology**” organized by Department of ECE in association with IEEE on 24 March 2022.
- **U.Sumanth (20485A0424)** got second prize in Technical Paper Presentation on “**Organs on a Chip**” organized by IEEE on 24 March 2022.
- **P.Pranavi (20481A0412)** and **K.Sridevi (20481A04C0)** obtained third prize in Technical Paper Presentation on “**Arduino**” organized by IEEE on 24 March 2022.
- **B.Roshitha Raj (20481A0439)**, **Ch.Tejaswini (20481A0458)** won first prize and **B.Sai Snehith (20481A0443)**, **Ch.J.G.A.Kondalu (20481A0453)** received second prize and **Abdul Musharaf (20481A0402)**, **A.Vijay Rohith (20481A0416)** got third prize in “**Poster/Idea Presentation**” organized by ECSAt on 23 March 2022.
- **Sk.Shakeel Pasha Ahmed (19481A04L4)**, **V.Vamsi Krishna (20481A6049)** received first and second prizes respectively in “**Promo Video Competition**” organized by ISF on 19 March 2022.
- **P.Balaji (21481A04H0)**, **G.Triveni (20481A0485)** and **B.Kranthi Kumar (19481A0431)** won first and second prizes respectively in “**Quiz Competition**” organized by IETE Student Forum (ISF) on 19 March 2022.
- **D.Praneetha (21481A0449)** and **M.Pavan Vamsi (20481A04D7)** won first and second **prizes** respectively in “**SUDOKU**” organized by ECSAt on 15 March 2022.
- **K.Chandra Mouli (20481A04C1)** and **K.Sridevi (20481A04C0)** secured first and second **prizes** respectively in “**Extempore**” organized by ECSAt on 14 March 2022.

Computer Science and Engineering

- 30 students of II & III CSE participated in internal Smart India Hackathon 2022.
- **U. Manasa (17481A05I3)** received an ISTE State award for an ideal student of talent and excellence from engineering colleges in A.P (ISTE) for the academic year 2021-22.
- **Potluri Sreya (18481A05H8)** was selected for Amazon as a software engineer with a package of 30 Lakh rupees per annum.
- **Modugula Anji Reddy (18481A05D9)** was selected for Juspay as a software engineer with a package of 29 Lakh rupees per annum.
- **Venkata Pavan Kalyan Athukuri**, with Hall Ticket Number CS22S17104171, achieved an impressive All India rank of 6767 in the GATE examination with a remarkable score of 398.

For today, think positive thoughts, believe in yourself and others, share hugs and spread love.

Guest Lectures / Workshops / Seminars / Paper contests

Conducted

Civil Engineering

- Er. G. John Moshae, Superintending Engineer (R&B), Quality Control, Vijayawada delivered a guest lecture on “**Iconic Structure of India – Kanaka Durga Flyover**” for II B. Tech students on 2 March 2022.



Presenting a memento to Er. G. Jogn Moshae



Students practicing in the Workshop

- A one-week value added course was conducted to the II B.Tech students on “**Sketch UP**” by resource persons of **Shrestha Engineers PVT LTD** from 25 to 30 June 2022.

Electrical and Electronics Engineering

- Mr. Alekh Ranjan**, Traction Project Engineering Manager, Alstom Transport India Limited, Bengaluru, delivered a guest lecture on “**Electric Traction**” to III B. Tech students on 19 February 2022.
- Mr. G. Mahesh**, Senior Automotive Engineer, KPIT Technologies Ltd, Bangalore, delivered a guest lecture on “**Introduction to Electric Vehicles**” to III & IV B. Tech students on 3 March 2022.
- A two-day Orientation Programme on “**Electrical Distribution Systems**” was organized for IV B.Tech students by Adjunct Faculty **Dr. M. Durga Prasad**, (Rtd) Chief Engineer, ASEB from 24 to 25 March 2022.

Mechanical Engineering

- Mr. L.M.V.Prasad**, Executive Engineer, Rayalaseema Thermal Power Plant (RTPP), Kadapa gave a guest lecture on “**Overview of a Thermal Power Plant**” for III B.Tech Students in association with MEA and IE(I) on 22 March 2022
- Mr. Subba Rao Ganti**, Category-IV Vibration Analyst Trainer & Consultant – (Rotating Machinery Vibration Analysis) Rajahmundry gave a guest lecture on “**Applications of Condition Monitoring in Industries**” for III B. Tech Students. The program was organized in association with MEA and IE(I) on 22 March 2022
- Mr. Kiran Yallapu**, Manager, Shri Ram Piston and Rings, Tamil Nadu gave a guest lecture on “**MRP Process in Auto Industry**” for III B. Tech students in association with MEA and IE(I) on 25 February 2022
- Mr. T.P. Sameer Kumar**, Assistant Manager, SAIL, Roorkee gave a guest lecture on “**Quality Control of Steel Products**” for IV B.Tech Students in association with MEA and IE(I) on 25 February 2022
- Mr. K. Naveen Kumar**, Engineer, HCL Technologies Ltd., Hyderabad gave a guest lecture on “**Hyperworks**” for III B.Tech Students in association with MEA and IE(I) on 23 February 2022
- Mr. B. Partha Saradhi** Sr. Engineer, PM Group Ireland, Bangalore delivered a lecture on “**Opportunities in Piping Design**” for III B. Tech Students. The program was organized in association with MEA and IE(I) on 12 February 2022
- Dr. G. Sri Vidya** associate professor, PVPSIT, Vijayawada delivered a lecture on “**Trends in Composite Materials**” for II B. Tech Students. The program was organized in association with MEA and IE(I) on 09 February 2022.
- Mr. G. Aravinda Krishna** Senior systems engineer, Infosys Ltd., Mysore gave a guest lecture on “**Introduction and Importance of Python Programming**” for II B.Tech Students in association with MEA and IE(I) on 21 January 2022.
- Ms. Swapna Priya V**, Managing partner, Redhan Engineering Services, Mumbai gave a guest lecture on “**Challenges in FEA**” for IV B. Tech Students in association with MEA, IE(I) and ASME, on 10 January 2022.

Computer Science and Engineering

- A one-day workshop on “**Business Data Analytics: Transforming Big Data Sets into Business Assets**” was conducted for III B.Tech students on 24 April 2022 Under AICTE SPICES.
- Mr. KiranBabu Velnati**, Corporate Trainer and Managing Director, SRK Software Consultancy conducted a guest lecture on “**Orientation on Careers in Cloud Computing with Amazon Web Services**” to II B.Tech students on 21 April 2022 in association with COMITY & CSI.

Focus on the WHY of life and not the HOW, remembering that where focus goes, energy flows.

- A workshop on “**Game Design Using Unity 3D**” was conducted for II B.Tech students from 4 to 21 April 2022 in association with APSSDC.
- A workshop on “**Source Code Management Using Git & Git Hub**” was conducted for I B.Tech CSE, AI&DS and AI&ML students from 28 February to 5 March 2022 in association with APSSDC.
- **Mr.K.NireekshanaRao**, Data Scientist, Marlabs Digital Innovation, delivered a guest lecture on “**Career Opportunities in Data Science**” to II B.Tech students on 21 January 2022 in association with COMITY & CSI.

Information Technology

- **Mr.K.NireekshanaRao**, Data Scientist, MarLabs, gave a guest lecture on “**Career Opportunities in Data Science**” to II B.Tech students on 21 January 2022.
- **Dr.Ravi**, Vatrupu Professor, Ted Roers School of Management, Ryerson University conducted a workshop on “**Bussiness Data Analytics: Transforming Big Data Sets into Business Assets**” in association with AICTE-SPICES for II B.Tech students on 24 February 2022.
- **Mr.D.Ganesh Nag**, Senior Software Developer, Brain O vision conducted a student development program on “**Mern Stack**” for IV B.Tech students in association with AICTE-SPICES from 3-4 March 2022.
- Freshers’ day was celebrated for I B.Tech students on 11 March 2022.
- Annual day was conducted for IV B.Tech student s on 30 March 2022.
- **Mr.K.N.SivaKrishna**, Sr. Software Developer, HCL Technology, delivered a lecture on “**Design and Analysis of Algorithms**” for III B.Tech students from 22-23 March 2022.
- **Mr.Kiran Babu Velnati**, Corporate Trainer and Managing Director, SRK Software Consultancy gave a guest lecture on “**Orientation on Careers in Cloud Computing with Amazon Web Services**” to II B.Tech students on 21 April 2022 in association with COMITY & CSI.
- A two – week Value Added course on “**Blue Prism Foundation Training**” was conducted with the resource person **Ch.Pooja Rani**, Asst. Professor, IT, SRGEC from 4-15 January 2022. **90 students participated in the program.**

PAPER PRESENTATIONS

International/ National Information Technology

The following students participated and made paper presentations on various topics in an International Conference conducted by the Department of Information and Technology on “**Soft Computing & Information Security – 2022**” on 24 June 2022:

- **M.Hema Reddy, T.Chandan, K H.V.Kumar, K.Naaheed**: “**Fertilizer and crop recommendation using convolutional Neural Network**”.
- **K.N.V.S.Harshith, K.Divya, G. Ashok, A.Uday Vardhan**: “**Disaster Intensity and Damage Classification Using Machine Learning**”.
- **Vemuri Kishore, A. Aparna, R Bhavani**: “**Diagnosis of Alzheimer’s Disease Using Convolutional Neural Network and 2D MRI Slices**”.
- **Yasaswini, M.Pavani, N.Vijaya Durga, S.Pavan Sai Kumar**: “**Bird Species Identification using Deep Learning**”.
- **S.Srividhya, M.Navya Sri, M.Leela Pavan, S.Mayuka**: “**Student Academic Achievement by using Mini Batch Gradient Descent**”.
- **A.Vamsi Priya, A.Kasturi, G.Meghana & G.Manoj Varma** : “**Identification of Plant leaf diseases using Machine learning algorithms**”.
- **A.Jaya Sree, M.Lavanya, K.Naga Raju & E.V.S.Lokesh** : “**Detection of Skin Diseases for Humans Using Deep Learning**”.
- **M.Hima Bindu, T.Jaya Surya Simha, D.Suneel, N.Nikhila** : “**Life Insurance Policy Ready Recokner Using Deep Learning**”.
- **K.Priyanka, G.Vara Prasad, A.Geetanjali, Md.Karimullah** : “**Ripe Rruit Detection and Classification**”.
- **S.Devi Navya Sai, V.Maneesha, P.Sri Raghu Ram, Y.Prakash** : “**Accident Detection Using Deep Learning**”.
- **K. SaiTriveni, K.Thriveni, G. Divya, D.Uday Kiran**: “**Smart Safety Helmet for Bike Riders Using IoT**”.
- **M.Aiswarya, V.Sravani, V. Praharshitha, V.Sai Pavan**: “**IoT Based Fish Farm Aquaculture Monitoring System**”.
- **A.Lakshmi Madhulika, K.Phani Praneetha, B.Naga Sai Jaswanth, B.Rajababu**: “**To Detect Online Spread of Terrorism on Social Networking Sites**”.

Limitations seem real when we lack faith and belief. With faith and belief, anything is possible.

- ✿ **K.Ruthwik Bharadwaj, Ande Sweta, Achanta Prabhu Kiran, Abdul Gowsiya Begum:** "Fraud Detection Model for Lending Money Through Internet".
- ✿ **R. Nagamani, T. Sai Alekhya, K. J D N Sai Charan, M. Sandeep Reddy:** "Automation of Exam Hall Allotment and Seating Arrangement".
- ✿ **M.Soumya, Y.Jaya Sri Valli, M. Lalith, S. Mahendra:** "Student Profile Analysis".

Professional Society and Association Activities

Electrical and Electronics Engineering

IEEE student chapter

- ✿ **A Group Discussion** was conducted for the II, III & IV B. Tech students on 24 March 2022.
- ✿ **Trouble Shooting, Paper Presentation and, Technical Quiz competitions** were conducted for the II, III & IV B. Tech students on 22 March 2022.

Mechanical Engineering

- ✿ Mechanical Engineering Association (MEA) conducted various competitions such as **Play with Mechanism, JAM, Treasure Hunt, Spell Bee, Word Building, General Quiz, Mock Interviews, Paper Presentations** and **Fastest Finger First** for all the students in association with IE (I), ISTE and ASME from 3 to 16 March 2022.

Electronics and Communication Engineering

- ✿ The department organized various competitions to students such as **Electronics/Model, Technical Paper Presentation, Poster/Idea Presentation, Quiz, Promo Video, Painting, Photography, sudoku, extempore, Just a Minute, Pseudo Code events** from 9 March to 16 March 2022.

Computer Science and Engineering

- ✿ The Department conducted various activities such as **Brain Teasers, Verbal Ability, Coding Contest, Logical Reasoning, C Programming**, "Sports Quiz", "Logo Quiz", "Aptitude Test", "Telugu Riddles" and "Maths Puzzles" for students in association with COMITY & CSI from 28 January to 19 March 2022.

Information Technology

- ✿ A technical event "**Code Buzz**" was organized in association with CSI on 7 March 2022. **Deepthi Sri Mamidi** (20481A1236), **Kadamati Dharani Naga Sai Amulya** (20481A1265) and **Elaparathi Pravallika** (20481A1243) got first, second and third prizes respectively.
- ✿ A technical event "**Tech Talks**" was conducted in association with CSI on 9 March 2022. **Avula Bhumika** (20481A1208), **Nadipalli Tejaswini** (20481A12C5) and **Shaik Mohammad Sadiq** (20481A12G6) secured first, second and third prizes respectively.
- ✿ A technical event "**Eidetic Memory Challenge**" was organized in association with CSI on 10 March 2022. **Manchineni Kiran Priya** (20485A1203), **Kondepudi Rakesh Vinay** (20481A1283) and **Ankam Dharshitha** (20481A1203) got first, second and third prizes respectively.
- ✿ An event "**Treasure Hunt**" was organized in association with CSI on 25 March 2022. **Nallapaneni Durga Prasad** (19481A1281), **Mathineni Kusuma** (19481A1267) and **Kristuboyina Abhinov** (20481A1289) got first, second and third prizes respectively.
- ✿ A technical event "**Info Tech Challenge**" was held in association with CSI on 27 March 2022. **Kadamati Dharani Naga Sai Amulya** (20481A1265), **Galla Lasya** (20481A1244) and **Chandu Geethika** (20481A1224) got first, second and third prizes respectively.
- ✿ An event "**Mono Action**" was conducted in association with CSI on 28 March 2022. **Shaik Sameer Ahamed** (19481A12A9), **Avvaru Lokesh** (20481A1209) and **Nitin Kanakavalli** (19481A1287) got first, second and third prizes respectively.

STUDENT NPTEL

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.

Information Technology

Sl.No	Name of the Student	Roll Number	Course Registered	% of Marks	Grade Secured
1	K.Dharani Naga Sai Amulya	20481A1265	ProblemSolvingthroughProgramminginC	77	Elite
2	G.Lasya	20481A1244	ProblemSolvingthroughProgramminginC	69	Elite

Every good thing you do creates ripples that you may not see. Do them anyway.

FACULTY NEWS

Faculty Awarded Ph.D Degree

Electronics and Communication Engineering

- **Ms.K.Srilakshmi**, Assistant Professor, was awarded a Ph.D. Degree for the thesis entitled “**A Comparative Study of Adiabatic Logic Circuits for Ultra-Low Power and Secure Applications**” by JNTUH, Hyderabad on 27 January 2022. She completed her Ph.D. under the guidance of Dr.A.V.N.Tilak, Professor and Dr.K.Srinivasa Rao, Principal, MLRIT, Hyderabad.



Ms. K. Srilakshmi



Ms. P. Suma Latha

Basic Science and Humanities

- Ms.P.Suma Latha was awarded a Ph.D. for her thesis entitled “**Assessment of Drinking Water Quality Indices Using GIS and Seasonal Variations in and around Vijayawada City, A.P., India**” from Acharya Nagarjuna University, Guntur in the month of May 2022.

Faculty Registered for Phd

Computer Science and Engineering

- **Mr. M. Siva Naga Prasad** registered for Ph.D. at JNTUK in April 2022.
- **Mr. E. BalaBhaskara Rao** registered for Ph.D. at JNTUK in April 2022.
- **Ms. P. Nagamani** registered for Ph.D. at JNTUK in April 2022.
- **Ms. P. Reshma** registered for Ph.D. at Andhra University in April 2022.

Electrical and Electronics Engineering

- **Mr.D.Vijay Arun & Ms. Sufia Khanam** registered for Ph.D. at JNTU Kakinada, on 28 April 2022.

Mechanical Engineering

- **Mr.S.B.Karimulla Reddy** Assistant Professor registered for Ph.D. at Acharya Nagarjuna University, Guntur, on 28 April 2022.
- **Mr. M. Ujwal Teja** Assistant Professor registered for Ph.D. at Acharya Nagarjuna University, Guntur on 28 April 2022.

Information Technology

- Ms.P.Rajya Lakshmi and Ms.Ch.Pooja Rani registered for Ph.D. at JNTUK, Kakinada in the month of April 2022.

Achievements/Awards

Civil Engineering

- **Dr. S.R.K. Reddy**, Sr. Prof. of Civil Engineering, SR GEC was appointed as subject expert by JNTU Kakinada, to conduct interviews for ratification of Assistant Professors in the Department of Civil Engineering at Ramachandra Engineering College, Eluru, on 14 March 2022.
- **Dr. S.R.K. Reddy**, Sr. Prof. of Civil Engineering, SR GEC was appointed building committee member of Krishna University. He also attended the building committee meeting at Krishna University, Machilipatnam on 26 March 2022.
- **Dr. S.R.K. Reddy**, Sr. Prof. of Civil Engineering, SR GEC and **Dr. P. Kodanda Rama Rao**, Prof. & Vice Principal Administration of SR GEC, **Mr. V. Phani Kumar** and **Mr. A. H.L. Swaroop**, inspected ONGC works at Tatipaka and Kesanapally, East Godavari on 20 April 2022.
- **Dr. S.R.K. Reddy**, Sr. Prof. of Civil Engineering, SR GEC, **Dr. P. Kodanda Rama Rao**, **Dr. A. Sreenivasulu**, Prof. & Vice Principal Administration of SR GEC, **Mr. V. Phani Kumar** Senior Grade Assistant Professor of Civil Engineering and **Mr. A. H.L. Swaroop**, Senior Grade Assistant Professor of Civil Engineering inspected 12 MPUP schools in various locations of Krishna District for proposing extinction for further floors from 11 June 2022 to 9 July 2022.
- **Dr. S.R.K. Reddy**, Sr. Prof. of Civil Engineering, SR GEC visited under the scheme of “**ManaBadi**”- Nadu Nedu of A.P state government inspected nine school buildings; six in Krishna district and three in W.G District and submitted reports along with recommendations on the possibility of constructing another floor of the school building.
- **Dr. G. Reddy Babu**, Professor of Civil Engineering was selected as a peer- reviewer for the Journal of Materials Science Research and reviews from 5 May 2022.
- **Dr. G. Reddy Babu**, Professor of Civil Engineering was selected as a peer- reviewer for the Journal of Global Ecology and Environment from 27 June 2022.

Electrical and Electronics Engineering

- **Dr. M. Siva Kumar** and **Dr. L. Ravi Srinivas** acted as Editorial and Publication Chairs for the International Conference “**Artificial Intelligence Techniques for Electrical Engineering Systems (AITEES-2022)**” organized by SRGEC, Gudlavalleru from 6 to 7 May 2022. They also chaired Day-1 and Day-2 sessions respectively in this conference. **Dr.**

Set your goals high and do something everyday to move forward.

B. Dasu acted as a Conference Chairperson and **Dr. G. Srinivasa Rao, Dr. B. Maheshbabu** and **Dr. K. Kalyan Raju** acted as organizing chairpersons of the program.

- **Dr. G. Kishore Babu**, chaired a session for “**TS: 18 image Processing and Machine Vision in the IEE World Conference**” on Applied Intelligence and Computing from 17 to 19 June 2022.

Mechanical Engineering

- **Dr. A. Jawahar Babu** guided his research scholar **Mr. B. Kiran Babu** for completing his Ph.D entitled “**Experimental Investigation on Mechanical Behavior, Wear Properties, Machining Behavior and Biodegradation of Friction Stir Processed ZE41 Mg Alloy**”.

Electronics and Communication Engineering

- **Dr. M. Kamaraju**, was awarded Gold Medal for being a “**Best Engineering Teacher**” from ISTE AP Chapter on 12 March 2022.
- **Ms. T. Subhashini**, received “**Young Researcher Award 2021**” in recognition of her outstanding professional and research achievements in the field of Electronics and Communication Engineering by Institute of Researchers, Wayand, Kerala on 20 January 2022.

Basic Sciences and Humanities

- **Ms. P. Suma Latha** was awarded Ph.D degree for her thesis entitled “**Assessment of Drinking Water Quality Indices Using GIS and Seasonal Variations in and around Vijayawada City, A.P., India**” from Acharya Nagarjuna University, Guntur in the month of May 2022.

Faculty Enablement Programmes

Workshops/Conferences/Guest Lectures/FDP

Conducted

Civil Engineering

- A one-week online FDP was conducted on “**Hands on Training with E-Tabs Software**”, with resource persons **Er. U. C. Krishna**, Structural Engineer, L&T Consulting Engineers and **Er. D. V. N. Raju**, Structural Engineer, BDM Structural Engineering PVT. LTD., from 7 - 11 March 2022.

Electrical and Electronics Engineering

- International conference on “**Artificial Intelligence Techniques for Electrical Engineering Systems (AITEES-2022)**” was conducted with resource persons **Prof. Joseph M.**, Guerrero Alborg University, Denmark, **Prof. Pierlugi Siano**, University of Salerno, Italy, **Prof. Ramesh Chandra Bansal**, University of Sharjah, UAE, **Prof. Valentina E. Balas**, Aurel Vlaicu University of Arad, Romania were the key note speakers from 6 to 7 May 2022.
- A one-week faculty development program was organized on “**Modeling and Simulation of Electrical Systems**”, with the resource persons **Dr. Ch. Santhan Kumar**, Associate Professor, LIST, Hyderabad, **Dr. V. Sudheer**, Associate Professor, REC, Vishakhapatnam, **Dr. M. Ravindra**, Associate Professor, AEC, Surampalem from 28 February to 4 March 2022.
- A one-week faculty development program on “**Intelligent Control Techniques for Electrical Systems**” was conducted with the resource persons **Dr. Vimallesh varma**, Assistant Professor NIT Patna, **Dr. I. Satish Kumar**, NIT Warangal, **Dr. B. Chitti Babu**, Assistant Professor IITDM Kancheepuram, **Dr. T. Ramesh**, Assistant Professor NIT Andhra Pradesh, **Dr. B. Muralidar Naik**, Assistant Professor, HCU, Haryana, **Dr. Ch. Ranga**, Assistant Professor, NIT Srinagar, **Dr. Tousif Khan. N.**, Assistant Professor SRM, Andhra Pradesh from 31 January to 4 February 2022.

Mechanical Engineering

- An International Conference on “**Research Contributions in Mechanical Engineering**” was organized from 25 to 26 February 2022.

Electronics and Communication Engineering

- A one-week National Level Faculty Development Program on “**Embedded Systems and IoT**” was organized with the resource person **Mr. Ramakrishna Katta**, Embedded Software Engineer, from 20 to 25 June 2022.

Computer Science and Engineering

- A one-week online FDP on “**Fullstack Application Development**” was conducted by **Mr. B. Chaitanya**, Software Engineer, Brainovision Solutions Pvt.Ltd Software Services from 15 to 21 June 2022.
- A one-day FDP on “**Insights of NEP 2020 and Strategies for its Implementation**” was conducted on 12 June 2022.
- APSSDC Hands on training on “**GAME Programming Using 3D With C**” was provided by **Mr. C. Satish Kumar** and **Mr. M. Gousepeer**, APPSSDC from 4 to 23 April 2022.

- An online FDP on “**Deep Learning for Real Time Research Applications**” was conducted with resource persons **Dr.D.Chandra Mohan** - (NITW) -SCOPE - VIT Andhra Pradesh, **Dr.Santosh Kumar V.** - (IIT BHU), Dept of CSE, MNIT, Jaipur, **Dr.M Krishna Siva Prasad** - (NIT,Nagpur) -SCOPE, VIT-Andhra Pradesh, **Mr.Sai Kumar Dadla** - Research Analyst - AI – Amazon, **Dr.Damodhar Reddy Edla** - (ISM - DHANBAD)- Dept of CSE, NIT Goa and **Dr.RajuBhukya** (Dept of CSE) NIT-Warangal from 03 to 07 January 2022.

Information Technology

- Dr.D.N.V.S.L.S.Indira** delivered a lecture on “**Data Analytics for Recommender Systems**” at a two-day national webinar on “**Data Science and its Applications**” organized by SKBR Government Degree College, Macherla, Guntur District.
- Prof. D.V.L.N.Somayajulu**, Director, IIITDM, Kurnool, **Dr.B.NagaRaju**, Professor, Dept of CSE, NIT-Nagaland; **Dr.L.Sumalatha**, Registrar, JNTUK; **Dr.B.SrinivasaRao**, Professor, Dept of IT, LBREC acted as guest of honours for International Conference on “**Smart Computing and Information Systems(ICSCIS-2022)**” conducted by SR GEC from 24 to 25 June 2022.

Guest Lectures/Keynote Addresses

Civil Engineering

- Dr. S.R.K. Reddy**, Sr. Prof. of Civil Engineering, SR GEC delivered three guest lectures during a one-day workshop on “**New Trends In Response of Structures Against Natural Hazards**” at Ramachandra Engineering College Eluru, to the civil engineering students on 09 May 2022.
- Dr. S.R.K. Reddy**, Sr. Prof. of Civil Engineering, SR GEC delivered a guest lecture on “**Smart cities**” to the civil engineering students of GAIET College of engineering, Rajahmundry on 10 May 2022.

Master of Business Administration

- Dr. S. Madhavi** acted as a resource person for webinar on “**The Power of Consumer to Change the World: Consumer Rights**” organized by Human Rights Cell, Annamacharya Institute of Technology and Sciences, Rajampet, on 31 March 2022.
- Dr. S. Madhavi** was the resource person for webinar on “**Intellectual Property Rights, Entrepreneurship and Start-ups**” organized by IOT Academy, Coimbatore on 26 April 2022.
- Dr. T.V.S.S.Swathi** acted as a resource person for National Level FDP on “**Effective Communication Strategies for Teachers**” organized on 29 April 2022.
- Ms. T.S.Leelavati** was a resource person for Seven Day National level FDP on “**Art of Teaching - Leadership Skills on Teachers**” organized by IOT Academy, Coimbatore on 1 June 2022.

Performance of Faculty in NPTEL Online Certification Courses

Electrical and Electronics Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Mr. G. BALAJI	Asst. Prof.	Problem solving through programming in C	87	Elite+Sliver (Top 5%)

Mechanical Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Dr. B. Karuna Kumar	Professor & Director (AS&A)	Education for Sustainable Development	100	Elite+Gold
			Introduction to Professional Scientific Communication	79	Elite+Silver
2	Mr. M. Ujwal Teja	Asst. Prof.	Manufacturing Guidelines for Product Design	68	Elite

Electronics and Communication Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Mr. G.RamaKrishna	Asst. Prof.	Principles of Communication Systems-I	94	Elite+Gold
2	Ms. P. Ramya	Asst. Prof.	Python for Data Science	80	Elite+Silver

May you recognize the passion and the possibility in your day today and have the courage to follow it.

Computer Science and Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Ms. P.Nagamani	Asst. Prof.	Problem Solving through Programming in C	75	Elite+Silver

Master of Business Administration

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Ms. Y.V.Naga Kumari	Asst. Prof.	Business Law for Managers	85	Elite+Silver
2	Ms.K.Susmitha	Asst. Prof.	Foundation Course in Managerial Economics	84	Elite+Silver

PAPER PRESENTATIONS

International/ National

Electrical and Electronics Engineering

- **Dr. B.Mahesh Babu:** “A Virtual Power Plant Engineering With Distributed Energy Resources: A Review”, “Current Harmonic Mitigation with optimized MLI-SAPF on the Distribution Side Systems” ICPESD – 2022 organized by NIT Jamshedpur from 23 to 24 April 2022.
- **Dr. B.Mahesh Babu, Dr. G.Kishore Babu:** “Multi Quadrant Operation of BLDC Motor driven Electric Hybrid Vehicle” IEEE ICEPE-2022, organized by NIT, Meghalaya from April 2 to May 1 2022.
- **Mr. G.Ramesh, Dr.M.Siva Kumar and Dr. B.Dasu:** “Order Reduction of Continuous Time Linear Interval Systems Using Whale Optimization Algorithm”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC from 7 to 8 May 2022.
- **Mr. V.Nagababu, Dr. M.Siva Kumar and Dr. B.Dasu:** “A novel model reduction approach for linear time-invariant systems via Whale Optimization Algorithm”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC, from 7 to 8 May 2022.
- **Mr. Vargil Kumar Eate, Dr. B.Mahesh Babu and Dr. G.Kishore Babu:** “Optimized Hybrid Buck DC-DC Converter with QFT Controller”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC, from 7 to 8 May 2022.
- **Dr. Srinivasa Rao Gampa, Dr. Kiran Jasthi, and Ms. Siresha Alapati:** “Fuzzy Genetic Algorithm based Antilock Braking System”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC from 7 to 8 May 2022.
- **A. Amarendra & Dr. L.Ravi Srinivas:** “Power System Security Assessment (PSSSA) Module Using GEORFA Technique”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC, from 7 to 8 May 2022.
- **Dr. L.Ravi Srinivas:** “Implementation of Adaptive PSODV to Improved Benders Decomposition based Unit Commitment”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC, 7 to 8 May 2022.
- **Dr. Kiran Jasthi, Dr. Srinivasa Rao Gampa:** “Systems and Solar PV Units in Distribution Networks using Gravitational Search Algorithm”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC from 7 to 8 May 2022.
- **Dr. Siva Kumar.M :** “Robust Stability Constraints for optimal Lead Lag PSS design using Interval approach”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC from 7 to 8 May 2022.=
- **Dr. K.Kalyan Raj, Md.Rafi Khan & Dr. B.Madhu Kiran :** “A Grid-Connected ZVS Single Phase Full Bridge Inverter with DFTHI PWM Scheme”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC from 7 to 8 May 2022.
- **Ms. Trinayani Chittajallu & Dr. Ravi Srinivas Lanka:** “An Effective Controller Design for BLDC Motor Drive with Nature Inspired Heuristic Algorithm”, AITEES-2022, Atlantis press (Part of Springer nature), SRGEC from 7 to 8 May 2022.

Mechanical Engineering

- **Mr. G. Karuna Kumar :** “Effect of Robotic Weaving Motion on Mechanical and Microstructural Characteristics of Wire Arc Additively Manufactured NiTi Shape Memory Alloy” in International Conference on Additive Manufacturing and Allied Technologies (ICAMAT-2022), organized by NIT Trichy from 10 to 11 June 2022.

The following faculty presented papers in the International Conference on “**Research Contributions in Mechanical Engineering**” organized by Department of Mechanical Engineering, SRGEC, Gudlavalleru from 25 to 26 February 2022.

- **Mr. G. Karuna Kumar, Mr. K Syam Sundar and Mr. B. Karuna Kumar :** “An effective Hybrid approach for Selection of Cold Chain Logistics Leaders for Storage and Transport of Covid -19 Vaccines in India ”.
- **Mr. G V Jagadeesh. Mr. P Ravindra Babu and Mr. D. Kiran Prasad:** “The Mitigation of Degradation Rate in Magnesium Alloys for Biomedical Applications ”.

When was the last time worry ever solved a problem? Breathe and know that you are perfect in this moment.

- **Mr. S. B. K. Reddy and Mr. A. Rajesh :** “Micro Mechanical Behavior of Lubrication Assisted Particle Reinforced Hybrid Composites ”.
- **Mr. A. Jawahar Babu:** “Role of Heat Treatment on Micro Structure and Mechanical Properties of Al 7075”.
- **Mr. Premdasu Nalluri and Mr. M. R. Ch. Sastry:** “Experimental Study on Computer Aided VCR DI Diesel Engine Operating with Fuel Derived from Waste Plastics”.
- **Mr. J. A. Ranga Babu:** “Numerical Analysis on Performance Evaluation of Microchannel Heat Sinks Using ANSYS.
- **Mr. P. Nageswara Reddy, Mr. T. Narasimha Suri and Mr. G. Prabhakara Rao:** “A Novel PCM-Cold Energy Storage System for Air Conditioning Energy Saving and Shifting of Daily Energy Peaks to Off-peak Hours”.
- **Mr. J. A. Ranga Babu :** “Performance Evaluation of Solar Collector Using Different PV Panel Materials ”.
- **Mr. Prabhakara Rao Ganji, Mr. P.Nageswara Reddy and Mr.B.Karuna Kumar:** “Computational Investigation of Diesel Injection Strategies in Hydrogen-Diesel Dual Fuel Engine ”.
- **Mr. Prabhakara Rao Ganji, Mr. K. Nagaraju and Mr. P. Nageswara Reddy:** “Effect of Start of Injection and Compression Ratio on DICI Engine Using Pongamia Biodiesel Blend “.
- **Mr. K. Ramakanth and Mr. B. Karuna Kumar:** “3D Printing for Implant Applications: A Review”.
- **Mr. K.Ch. Kishor Kumar, Mr. D. Kiran Prasad, Mr. D. Tarun and Mr. M. R. Ch. Sastry:** “Experimental Investigations on Mechanical and Tribological Properties of Al6101- SiC Metal Matrix Composite Fabricated Through Stir Casting “.
- **Mr. D. Tarun, Mr. K. Ch. Kishor Kumar, and Mr. K. Syam Sundar:** “Influence of Bagasse Ash Particles on Mechanical Properties of Al 6082 Metal Matrix Composites”.
- **Mr. M. Ujwal Teja and Mr. P. Yugandhar:** “Cycle Time Reduction and Line Balancing in Gear Shifter Fork Manufacturing”.
- **Mr. P. Ravindra Babu :** “Investigation and Optimization of Four Layered Aluminium Based Functionally Graded Material Reinforced with Copper, Nickel And Zinc Stearate”.
- **Mr. G. Karuna Kumar:** “Optimal Setting of Wire-EDM Process Parameters by Assignments of Weights Method”.

Computer Science and Engineering

- **Mr. M. N. Satish Kumar:** “Sentiment Analysis on Textual Tweets Using Ensemble Classifier (LSTM-GRU)” at the 7th International Conference on “Communication and Electronic Systems (ICCES-2022)” in PPG Institute of Technology, Coimbatore, Tamilnadu held from 22 to 24 June 2022.
- **Mr. M. N. Satish Kumar:** “Quality Assessment and Grading of Milk using Sensors and Neural Networks” at the International Conference on “Electronics and Renewable Systems (ICEARS-2022)” conducted by St.Mother Theresa Engineering College, Tuticorin, Tamilnadu from 16 to 18 March 2022.

Information Technology

- **Dr.Ch. Kavitha:** “Comprehensive Analysis of Filtering Techniques for MRI Scans of Alzheimer’s Disease”, International Conference on “Smart Computing and Information Systems (ICSCIS-2022)”, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru, from 24 to 25 June 2022.
- **Dr.Ch. Kavitha:** “Diagnosis of Alzheimer’s disease Using Convolutional Neural Network And 2D MRI Slices” International Conference on “Smart Computing and Information Systems (ICSCIS-2022)” from 24 to 25 June 2022.
- **Dr. D.N.V.S.L.S. Indira:** “KRISHI RAKSHAN-A Machine Learning Based New Recommendation System to the Farmer”, 6th International Conference on “Intelligent Computing and Control Systems (ICICCS-2022)” organized by Vaigai College of Engineering Madurai from 25 to 27 May 2022.
- **Dr. D.N.V.S.L.S. Indira:** “Quality Assessment and Grading of Milk using Sensors and Neural Networks”, 2022 International Conference on Electronics and Renewable Systems (ICEARS), St. Mother Theresa Engineering College (MTEC) , Tuticorin from 16 to 18 March 2022.
- **Dr. D.N.V.S.L.S. Indira:** “Speech 2 Emotion: Intensifying Emotion Detection Using MLP through RAVDESS Dataset” 2022 International Conference on “Electronics and Renewable Systems (ICEARS),” organized by St. Mother Theresa Engineering College (MTEC), Tuticorin from 16 to 18 March 2022.
- **Dr. D.N.V.S.L.S. Indira:** “A Cloud Application for Detecting Building Defects Using CNN”, 2022 International Conference on “Advances in Computing, Communication and Applied Informatics (ACCAI)”, organised by St. Joseph’s College of Engineering, Chennai from 28 to 29 January 2022.

Basic Sciences and Humanities

- **Dr. P.Haritha** : “Applications of Cadmium Nano Particles- an Overview” in International Conference on “New Horizons and Trends in Chemical Sciences” (ICNHTCS-2022) organized by Department of Chemistry, Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur in Association with the Indian Society of Analytical Scientists, Nagpur Chapter from 25 to 26 March, 2022.
- **Mr. D.K.Pavan Kumar**: “Finite Multiple Integrals Involving the Psi Function, Generalized Gamma Function and Generalized Hypergeometric Function” in a tow-day “International Conference on Mathematics, Statistics & Applications-22” (ICMSA-22) organized by Vignan’s Foundation for Science, Technology & Research, Deemed to be University, Guntur held from 10 to 11 June 2022.
- **Mr. D. K. Pavan Kumar**: “Multiple Summation Formulae for the Modified Multivariable I-Function” J. Computational Analysis and Applications January 2022 Vol no 30, 1Page No 165-175 ISSN No 1521-1398
- **Mr. Y.Subba Rao**: “Stability Indicating Related Substances Method for Bisoprolol and Cilnidipine in Bulk and Pharmaceutical Dosing Types and Its Degradents were Characterised by Use of Lc-Ms/Ms, Ymer, FEB-2022 vol No2, 744-761 ISSN No 0044-0477
- **Dr. T. Govinda Rao** “Influence Of Viscous Dissipation and Spanwise Cosinusoidally Fluctuating Temperature on MHD Free Convective Boundary Layer Flow with Radiation Absorption and Chemical Reaction” Heat Transfer, March 2022, Vol No 51 , Page No4714-4740, ISSN No2688-4542

Master of Business Administration

- **Dr. P.V.M. Raju, Ms.T.S.Leelavati, Ms.K.Susmitha**: “Role of Artificial intelligence in Digital Marketing-A Review”, A Three-Day International Virtual Conference on “Contemporary Issues in Business and Management” (ICCIBM-2022) organized by Dr. B. R. Ambedkar Institute of Management and Technology, Hyderabad from 21 to 23 February 2022.
- **Dr.T.V.S.S.Swathi, Mr.K.Prudhvi Raj**: “Digital Marketing in India – Prospects and Challenges”, (ICCIBM-2022) from 21 to 23 February 2022.
- **Dr.S.Madhavi**: “Modern Day Digital Marketing – Challenges for E-Commerce”, (ICCIBM-2022) from 21 to 23 February 2022.
- **Dr.G.Kamal, Mr.M.Vinod, and Mr.T.Hemanth Kumar**: “HRA as a Moderating Role in Effective EE and its Outcomes”, (ICCIBM-2022) from 21 to 23 February 2022.
- **Dr. T.V.S.S. Swathi**: “A Study on Teacher-Student Interactions: The Key to Effective Classrooms in Current Era” International Conference on “Idea-Bankruptcy of Educationists and Thinkers” organized by BPS Institute of Teacher Training and Research, Haryana from 28 to 29 March 2022.
- **Ms.Y.V.Naga Kumari, Mr. K. Prudhvi Raj**: “Digital Transformation – Artificial Intelligence for Business Applications” UGC Sponsored a Two-Day National Seminar organized by Department of Commerce and Business and Administration, ANU, Nagarjuna nagar from 25 to 26 February 2022.

PUBLICATIONS

Journal/Conference/Workshop Publications

Civil Engineering

- **Mr. G.T.N.Veerendra, Mr. Subhashish Dey, & Mr.A.V.P Manoj**: ”Life Cycle Assessment for a Suburban Building Located within the Vicinity Using Revit Architecture”, J Build Rehabil 7, 56 (2022). <https://doi.org/10.1007/s41024-022-00199-6>.
- **Mr. Subhashish Dey, Mr. U. Pallavi, Mr. S. Arunchaitanya, Mr. N. Haripavan, & Mr. G.T.N. Veerendra**: “Recycling of Solid Waste Biosorbents for Removal of Nitrates from Contaminated Water, Cleaner and Circular Bioeconomy”, Volume 2, 2022, 100014, ISSN 2772-8013, <https://doi.org/10.1016/j.clcb.2022.100014>.
- **Mr. J. N. V. R. S. Kumar, Ms. D. N. V. S. L. S. Indira & Mr. G. T. N. Veerendra**: “A Cloud Application for Detecting Building Defects Using CNN,” 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), 2022, pp. 1-8, <https://doi: 10.1109/ACCAI53970.2022.9752497>.
- **Mr. G.T.N.Veerendra, Mr. B.Kumaravel, & Dr. P.Kodanda Rama Rao** : “Predictive Water Quality Modeling Using ARIMA and VAR for Locations of Krishna River, Andhra Pradesh, India.” In: Ramu, A., CheeOnn, C., Sumithra, M. (eds) International Conference on Computing, Communication, Electrical and Biomedical Systems. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-86165-0_25.

- **Mr. S.S.Anjaneya Babu Padavala & Mr. Malasani Potharaju: “Performance Evaluation of Mechanical and Durability Properties of Fly Ash and Silica Fume Based Concrete for Sustainable Building Material”.** Transdisciplinary Journal of Engineering & Science 13, 53-62. <https://doi.org/10.22545/2022/00183>.
- **Mr. N. Haripavan, Ms.Nisha Radhakrishnan & Ms. D. Kannamma: “A Study on Urban Heat Island Using Geospatial Techniques. Recent Advances in Civil Engineering”.** 233, pp 221-229. https://doi.org/10.1007/978-981-19-0189-8_19.
- **Mr. E.V.Prasad, Mr.A.V.Phani Manoj & Mr. U. Surya Teja: “Study on Mechanical and Durability Properties of Ternary Blended Concrete. Materials Today Proceedings”** 56(1),514-519.<https://doi.org/10.1016/j.matpr.2022.02.175>.
- **Mr. Subhashish Dey, Mr. V.V. Praveen Kumar & Mr. A.V. Phani Manoj: “An Experimental Study on Strength and Durability Characteristics of Self-Curing Self-Compacting Concrete, Structural Concrete”**, 1-30. DOI: 10.1002/suco.202100446.
- **Mr. Subhashish Dey & Mr.Bommu Hema Nagababu : “Applications of Food Color And Bio-Preservatives in the Food and Its Effect on the Human Health”**, Food Chemistry Advances 1, 100019. <https://doi.org/10.1016/j.focha.2022.100019>.
- **Mr.Subhashish Dey, Mr.Naga Sai Anusha Kotaru, Mr.Ganugula Taraka Naga Veerendra & Mr. Arunchaitanya Sambangi: “The Removal of Iron from Synthetic Water by the Applications of Plants Leaf Biosorbents”**, Cleaner Engineering and Technology 8, 100530. <https://doi.org/10.1016/j.clet.2022.100530>.
- **Mr.Subhashish Dey, Mr. Seetalam Sai Charan , Ms.U. Pallavi , Mr.Anduri Sreenivasulu & Nekkanti Haripavan: “The Removal of Ammonia from Contaminated Water by Using Various Solid Waste Biosorbents”**, Energy Nexus 100119. <https://doi.org/10.1016/j.nexus.2022.100119>.
- **Ms.D.N.V.S.L.S. Indira, Ms.M. Sobhana, Mr.A.H.L. Swaroop & Mr. V. Phani Kumar: “Krishirakshan- A Machine Learning Based New Recommendation System to the Farmer”**, Conference Procedia 6 International Conference on Intelligent Computing and Control Systems (ICICCS-2022) organized by Vaigai College of Engineering, Mumbai from 25 to 27 May 2022.

Electrical and Electronics Engineering

- **Dr. Jasthi K & Dr. Gampa Srinivas: “Electric Vehicle Charging Load Allocation at Residential Locations Utilizing the Energy Savings Gained by Optimal Network Reconductoring,”** *journal of Smart Cities 2022*; 5(1): 177-205. <https://doi.org/10.3390/smartcities5010012>, ESCI.

Mechanical Engineering

- **Mr. P. Nageswara Reddy, Mr. D. Tarun, Mr. G. Prabhakara Rao & Mr. J.A Ranga Babu : “Air-Orgon Combined Cycle Gas Turbine Engine with Water Injection”**, *Journal of Institute of Engineers Series, C* on 13 June 2022.
- **Mr. G. V. Jagadeesh: “A Fuzzy Logic Approach for Investigating the Tribological Behaviour of Polymer Composites”**, IOP conference series- Materials science and engineering, 2022.

Electronics and Communication Engineering

- **Mr.T.Anand Babu, S.Ravi, K.V.Venkateswara Rao, & Y.Mamillu “Analysis of Mental Task Ability in Students based on Electroencephalography Signals”**, 2022 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), DOI: 10.1109/SPICES52834.2022.9774092, May 2022.

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- **Ms. N.Rajeswari: “Network Intrusion Detection Using Supervised Machine Learning Techniques with Feature Selection”**, *International Journal for Innovative Engineering and Management Research*, April 2022, Issue 04, Volume 11, pages-206-212.
- **Ms. N.Rajeswari: “An Automatic GUI based Grape Leaf Disease Identification Using CNN”**, Stochastic Modeling & Applications, December 2021, Issue Special Issue 2022, Volume 26, pages: 148-159.
- **Dr.T.Srinivasarao: “A Novel Multi-View Deep Learning Framework for Predicting Patient Expenditure In Healthcare”**, IJAEMA, April 2022, Vol-5, Issue-6, pp-641-648
- **Dr.T.Srinivasarao: “Detection of Vehicles and Pedestrians Using Haar Cascade”**, SMA, April 2022, Vol-26, Issue-3, pp: 139-147
- **Dr.G.Sridevi: “Adaptive XGBOOST Hyper Tuned Meta Classifier for Prediction of Churn Customers”**, intelligent Automation & soft computing, vol.33, No. 1, 2022, ISSN: 2326-005X, pp. 21-34 (2022), DOI:10.32604/iasc.2022.022423. (SCIE) [2].
- **Dr.G.Sridevi: “Image Classification of Abnormal Red Blood Cells Using Random Forest Algorithm”**, *International Journal for Innovative Engineering and Management Research*, Vol.11, Issue 4, April 2022

- ✱ **Mr.Avinash,P. : “Plant Disease Identification Using Convolutional Neural Networks”**, *The International Journal of Analytical and Experimental Modal Analysis*, April 2022, ISSN NO: 0886-9367, Volume XIV, Issue IV, Page No : 555-563;
- ✱ **Mr.Avinash,P. : “Drug Recommendation System Using Machine Learning Based on TF-IDF Feature Extraction Process”**, *The International Journal of Analytical and Experimental Modal Analysis*, April/2022, ISSN NO: 0886-9367, Volume XIV, Issue IV, Page-449-455
- ✱ **Mr.J.N.V.R.Swarup Kumar: “A Novel Adaptive Urban Mobility Model (AUMM) for Low Power Vehicular Networks”**, *Indian Journal of Computer Science and Engineering*, Vol. 13 No. 2 Mar-Apr 2022, P.No: 344-353, e-ISSN 0976 - 5166 p-ISSN 2231 – 3850, DOI: 10.21817/indjese/2022/v13i2/221302051. (SCOPUS)
- ✱ **Mr.J.N.V.R.Swarup Kumar: “A Novel Cluster based Highway Mobility Model (CHMM) for Low Power Vehicular Networks, Materials Today: Proceedings”**, (ELSEVIER), <https://doi.org/10.1016/j.matpr.2021.07.077>, (ARTICLE ACCEPTED). (SCOPUS)
- ✱ **Mr.J.N.V.R.Swarup Kumar: Design and implementation of a mobility support adaptive trickle algorithm for RPL in vehicular IoT networks**, *International Journal of Ad Hoc and Ubiquitous Computing (IAHUC)*, DOI: 10.1504/IAHUC.2022.10039477, (ARTICLE ACCEPTED). (SCIE, SCOPUS)
- ✱ **Mr.J.N.V.R.Swarup Kumar: “A Cloud Application for Detecting Building Defects Using CNN”**, presented a paper in ACCAI 2022 and it was indexed in IEEE Digital Library - 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Volume XXXX, XXX-XXX, ISBN for the Proceedings: 978-1-6654-9529-5 (XploreCompliat), 978-1-6654-9528-8 (Print), IEEE Conference Record No. : 53970.
- ✱ **Mr.M.N.Satish Kumar: “Location Based Marketing Using Smart Geo Fencing”**, *International Journal for Innovative Engineering and Management Research*, Volume 11, Issue 04, Pages: 98-105, April 2022, ISSN 2456 – 5083.
- ✱ **Mr.M.N.Satish Kumar: “Social Network-Based Suspect Sensing For Privacy-Preserving Criminal Suspects”**, *International Journal for Innovative Engineering and Management Research*, Volume 11, Issue 04, Pages: 62-68, April 2022, ISSN 2456 – 5083.
- ✱ **Ms.Y.V.N Tulasi: “Detecting Attacks In The Smart Grid Using Different Algorithms For Machine Learning”**, *The International Journal of Analytical and Experimental Modal Analysis*, April 2022, Issue IV, Volume XIV, 478 – 485.
- ✱ **Ms.Y.V.N Tulasi: “IOT Based Self Protection Bed from Earthquake”**, *International Journal for Innovative Engineering and Management Research*, , April 2022, Issue 04, Vol 11, 89-97.
- ✱ **Mr.Ashok Reddy Kandula,& Dr.S.Narayana: “Comparative Analysis of Machine Learning Techniques on Genetic Mutation Based Cancer Diagnosis Data”**, *Journal of Theoretical and Applied Information Technology*. E-ISSN 1817-3195 / ISSN 1992-8645, Vol 100(6), March 2022, Page No: 1718-1728.
- ✱ **Ms.Aparna Allada: “Breast Cancer Detection Using Image Processing Techniques - Stochastic Modeling and Applications”**, Volume 23, No 3 Special Issue 2022, part 2, UGC care Approved journal, ISSN 0972-3641.
- ✱ **Ms.Aparna Allada: “Detection of Road Pothole Using Convolutional Neural Networks”**, *Stochastic Modeling and Applications*, Volume 23, No 3 Special Issue 2022, part 2, UGC care Approved journal, ISSN 0972-3641. B18:B22
- ✱ **Ms.Donepudi Priyanka: “Gesture Based Home Automation and Monitoring Disabled and Elderly People”**, *Stochastic Modeling & Applications*, October 2022, Special Issue 2022 Part-2, Vol. 26 No.3.
- ✱ **Ms.Donepudi Priyanka: “Loan Prediction Using Machine Learning”**, *Stochastic Modeling & Applications*, October 2022, Special Issue 2022 Part-2, Vol. 26 No.3.
- ✱ **Ms.V. Sandhya: “A Prediction System for Detecting Premature Heart Failures”**, *International Journal for Innovative Engineering and Research Management*, April 2022, Issue 04, Volume 11168-177.
- ✱ **Ms.V. Sandhya: “Finding Vehicle Accident Detection Using Gsm Architecture And GPS Location”**, *International Journal of Analytical and Experimental Modal Analysis*, April 2022, Issue IV, volume XIV
- ✱ **Ms.K.Sri Lakshmi: “Machine Learning -Based Intrusion Detection of Imbalanced Network Traffic”**, *The International Journal of Analytical and Experimental Modal Analysis*, April 2022, Issue 4, volume 14, 582-592
- ✱ **Ms.Lanka Dhanalakshmi: “Detection of Fake Profiles in OSN Networks Using ANN”**, *The International Journal of Analytical and Experimental Modal Analysis*, ISSN NO: 0886-9367, APRIL, 2022.
- ✱ **Ms.T. Priyanka:”COVID-19 System Using Question Answering and Query-Focused Multi-Document Summarization”**, *International Journal for Innovative Engineering and Management Research*, Vol 11, Issue-04, ISSN: 2456-5083, Impact Factor:7.812

- **Ms.T. Priyanka:** “Feature Based Sentimental Analysis using Adversarial Training with BERT”, MUK Publications & Distributions, Vol.26, Issue :3,ISSN: 0972-3641.
- **Ms. Jandhyam Lakshmi Alekhya:** “Spectrum Disorder Using Machine Learning Autism Techniques”, *The International Journal of Analytical and Experimental Modal Analysis*, april,2022,ISSN NO: 0886-9367, Volume XIV, Issue IV,page no:593:601
- **Dr. R. Abinaya:** “Virtual Assistant Based on Facial Emotions Using Convolution Neural Networks”, Innovations in Electronics and Communication Engineering. Lecture Notes in Networks and Systems, 2022, vol 355. Springer, Singapore.
- **Dr. R. Abinaya:** “CoviNet: Role of Convolution Neural Networks (CNN) for an Efficient Diagnosis of COVID-19”, Intelligent Data Engineering and Analytics. Smart Innovation, Systems and Technologies, vol 266. Springer, Singapore.
- **Dr. R. Abinaya:** “Multimodal Biometric Person Identification System Based on Speech and Keystroke Dynamics”, International Conference on “Computing, Communication, Electrical and Biomedical Systems”, EAI/Springer Innovations in Communication and Computing. Springer, Cham.
- **Ms.Nagamani Parasa:** “Identification of Software Bug Using Different ML Algorithms”, *The International Journal of Analytical and Experimenta Model Analysis*, April/2022, ISBN No: 0886-9367, volumeXIV, page no: 628 -633.
- **Ms.Rajeswari Gotti:** “Predicting Plant Growth and Yield in Greenhouse Environment s Using Deep Learning”, *International Journal for Innovative Engineeering and Management Research*, April 2022, Issue 04, Volume 11, Page Nos: 178-187.
- **Mr.Srikakulapu Subhakar:** “Social Distancing and Monitoring Robot”, stochastic modeling and applications, april 2022, issue 2022, Vol: 26 no: 3, page no: ISSN:0972-3741.

Information Technology

- **Dr.D.N.V.S.L.S. Indira, & Mr.Suresh Babu Chandanapalli :** “Secured Personal Healthrecords Using Pattern-Based Verification and Two-way Polynomial Protocol in Cloud Infrastructure”, *International Journal of Ad Hoc and Ubiquitous Computing*, Inder Science Publisher, ISSN: 1743-8225, June 2022.
- **Dr.D.N.V.S.L.S. Indira:** “Secured Personal Health Records Using Pattern-Based Verification and Two-Way Polynomial Protocol in Cloud Infrastructure”, *International Journal of Ad Hoc and Ubiquitous Computing*, InderScience Publisher, ISSN: 1743-8225, June 2022.
- **Dr.D.N.V.S.L.S. Indira:** “Improved Artificial Neural Network with State Order Dataset Estimation for Brain Cancer Cell Diagnosis”, Hindawi publishers, BioMed Research International Volume, April 2022.
- **Dr. Ch.Kavitha, & Dr.Ch.Suresh Babu:** “A Near Optimal Multicast Scheme for Mobile Adhoc Networks – An Implementation Perspective”, *Journal of Theoretical and Applied Information Technology*,ISSN: 3372-3384,May 2022.
- **Dr. Ch.Kavitha :** “Text-To-Image Synthesis Using KTGAN, Mathematical Statistician and Engineering Applications”, ISSN: 2326-9865, June 2022.
- **Mr.B. Srinivasu Kumar:** ” An Enhanced Genetic Algorithm (EGA)-based Multi-Hop Path for Energy Efficient in Wireless Sensor Network (WSN)”, *International Journal of Advanced Computer Science and Applications*, April 2022.
- **Dr. D.N.V.S.L.S. Indira, & Ms.T. Sumallika:** “An Artificial Intelligence Based Weed Classification Using Vgg16 Classifier and Rmsprop Optimizer”, *Journal of Theoretical and Applied Information Technology*, ISSN: 1992-8645, 31 March 2022.
- **Ms. T. Sumallika, Dr. D.N.V.S.L.S. Indira, & Ms.P.Rajya Lakshmi :** “An Overview of E-Learning and its Challenges in India”, *International Journal of Mechanical Engineering*, ISSN: 0974-5823, Feb 2022.

Basic Sciences and Humanities

- **Mr. D.K.Pavan kumar:** Multiple Summation Formulae for the Modified Multivariable I-Function, *the Journal of computational analysis and applications*, ISSN: 1521-1338, Volume 30(1), January 2022; Pages: 165-175.
- **Mr. Y.Subba Rao:** Stability Indicating Related Substances Method for Bisoprolol and Cilnidipine in Bulk and Pharmaceutical Dosing Types and Its Degradents were Characterised by Use Of Lc-Ms/Ms, ISSN : 0044-0477, Volume 2, Feburay 2022; Pages : 732-741.
- **Dr.T.Govinda Rao:** Influence of Viscous Dissipation and Spanwise Cosinusoidally Fluctuating Temperature on Mhdfree Convective Boundary Layer Flow with Radiation Absorption and Chemical Reaction” ISSN : 2688-4542, Volume 51, March 2022; Pages : 4714-4740.

Master of Business Administration

- ✳ **Dr. P.V.M. Raju:** “Influence of Visual Merchandising on Customer’s Purchase Decision” *Academy of Marketing Studies Journal* (ABDC Listed Journal), ISSN: 1528-2678, Volume: 26, No: 1, January 2022, p.p.1-14.
- ✳ **Dr. P.V.M. Raju:** “An Overview of E-Learning and its Challenges in India” *International Journal of Mechanical Engineering* (SCOPUS Indexed Journal) ISSN: 0974-5823, Volume: 7, No: 2, February 2022, p.p.314-319.
- ✳ **Dr. P.V.M. Raju, Mr. K. Prudhvi Raj, Dr. S. Madhavi, Ms.Y.V.Naga Kumari:** “Sustainable Entrepreneurship Innovation and its Challenges in India” *International Journal of Mechanical Engineering* (SCOPUS Indexed Journal) ISSN: 0974-5823, Volume: 7, No: 2, February 2022, p.p.726-732.
- ✳ **Mr. T. Hemanth Kumar:** “Interrelation between Employee Engagement and Internal Branding and its Outcomes (A Study with Reference to Employees from IT Sector)” *Dogo Rangsang Research Journal*, ISSN: 2347-7180, Vol-12 Issue-03 No. 01, March 2022.
- ✳ **Ms.T.S.Leelavati, Dr.S.Madhavi, & Ms.K.Susmitha, & Mr. T. Hemanth Kumar:** “Is AI the next big thing in Human Resources?” *Academy of Marketing Studies Journal* (ABDC Listed Journal), ISSN: 1528-2678, Volume: 26(4) April 2022, p.p.1-10.
- ✳ **Dr.S.Madhavi:** “The Grit to Great: Transformation from Wantpreneurs to Entrepreneurs’ (A study with reference to women)” *Academy of Marketing Studies Journal* (ABDC Listed Journal), ISSN: 1528-2678, Volume: 26(S4) April 2022, p.p.1-10.
- ✳ **K. Prudhvi Raj:** “Influence of Socio - Demographic Factors on Consumer Determinants towards Private Label Brands (PLB’s) of FMCG and Grocery in select Organised Retail Stores of Andhra Pradesh”. *Dogo Rangsang Research Journal UGC Care Group I Journal* ISSN: 2347-7180 Vol-12 Issue-05 No. 02 May 2022.

Book Chapters / Patents

Information Technology

- ✳ **Dr. Ch. Kavitha:** “Smart Mosquito Racket with an Image Sensor for Ensuring Child Protection”, Granted Indian Patent on 28 January 2022.

Computer Science and Engineering

- ✳ **Dr. Y. Adilakshmi, Ms. Sk. Salma Begum:** “A Study On Development Of Healthcare Smart Cities Using Artificial Intelligence Applications (Top 5 Technology Trends In World Transforming Data To Knowledge)”, ISBN: 978-93-5636-162-1, Immortal Publications, May 2022.
- ✳ **Ms. Sk. Salma Begum, Dr. Y. Adilakshmi:** “An Intelligent Encoding Watermarking Technique on Image Trasmision Using Deep Learning Model: Wasserstein Generative Adversarial Network(Wgan) (Recent Developments in Deep Learning applications:Healthcare and agriculture)”, ISBN: 978-93-5680-798-3, Immortal Publications, DOI: 10.48047/IJIEMR/V11/SPL Issue 07/01, 2022.
- ✳ **Dr.T. Srinivasa Rao, Dr. M.Babu Rao:** “A smart way of Predicting Expenditure of Patient in Healthcare using Deep Learning Framework(Recent Developments in Deep Learning applications:Healthcare and agriculture)”, ISBN: 978-93-5680-798-3, Immortal Publications, DOI: 10.48047/IJIEMR/V11/SPL Issue 07/01, 2022.

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- ✳ **Dr. Sk. Baji Vali:** “User Friendly New Trend Material for Solar Cell Applications With Low Cost”, Application No. 202241003792 A, Published on 4 February 2022.
- ✳ **Mr.Sk. Abdul Mathin:** “Solar Cell and Photoelectric Conversion Element”, Application No. 202211008791 A, Published on 19 February 2022.
- ✳ **Dr. P. Suma Latha:** A Comparative Study to Analyze the Impact of Nano Materials and their Energy Delivery to the Solar Panels, Application No. 202241014156 A, Published on 1 April 2022.
- ✳ **Dr. B. Akkayya:** A System for Calculating Binomial Mathematical Expression and Method There of, Application No.202241021363 A, Published on 22 April 2022.

Master of Business Administration

- ✳ **Dr.S.Madhavi, Ms.T.S.Leelavati & Ms. K.Susmitha:** “Covid-19 Impacts and Strategic Response- A Global Perspective” (ISBN: 978-93-91681-14-2) entitled “Home Based Work and work from Home Stress in Pandemic Period” published by Bharti Publications, New Delhi in May 2022.
- ✳ **Ms.Y.V.Naga Kumari, Dr.PVM Raju, & Mr.K.Prudhvi Raj:** “Covid-19 Impacts and Strategic Response- A Global Perspective” (ISBN: 978-93-91681-14-2) entitled “The Impact of Covid-19 on the Tourism Industry published by Bharti Publications, New Delhi in May 2022.

- **Dr.T.V.S.S.Swathi:** “Covid-19 Impacts and Strategic Response- A Global Perspective” (ISBN: 978-93-91681-14-2) entitled ‘The Implications of Covid-19 Pandemic on Corporate Social Responsibility and Corporate Happiness Management in India’ published by Bharati Publications, New Delhi in May 2022.
- **Dr.S.Madhavi:** “Home based work and work from home stress in pandemic period” in “COVID-19 Impacts and Strategic Response: A Global Perspective”, ISBN: 978-93-91681-14-2, May 2022.
- **Dr.S.Madhavi:** “Emerging trends in Business and Technology – Information technology and digital economy” entitled “Emerging Trends in Business and Technology”, ISBN: 978-93-91199-24-1, April 2022.

R&D Activities

Electronics and Communication Engineering

- **Dr.V.V.K.D.V Prasad, Mr.B.R.B.Jaswanth,** were granted a project “Design of Operational Transconductance Amplifier for ECG Applications using CMOS Technology (OTA)” under the RPS scheme of AICTE with a total amount of Rs.9,55,800/-.

Information Technology

- **Dr.D.N.V.S.L.S.Indira,** applied SERB CRG project “Vehicle-to-Vehicle (V2V) Communication System for Crash Avoidance and Vehicle Tracking System to Predict and Prevent Potential Accidents in Indian Highways using ADHOC Networks and PCNN”, estimation cost Rs. 28,97,000 on 28 April 2022.
- **P.N.Sravanthi :** applied for the project “Congestion Game Strategies in Block Chain Mining Competition” under SERB-Tare with an estimation of Rs.15 Lakhs on 7 March 2022.

Consultancy Work

Civil Engineering

- Consultancy cell undertook various Civil Engineering works of worth Rs.5,53,380/- from January 2022 to June 2022 from various clients such as ONGC- Rajahmundry, Mega Engineering infrastructure’s limited–Dokiparru, Power Mech, GVR Premco Limited - Gudivada, Local clients from Gudivada, Machilipatnam, Bhimavaram and Machilipatnam Municipal corporation. The cell took up works related to designing of rig foundations and Grama Sachivalayam buildings in the villages of Krishna District and laboratory tests related of steel, aggregates, bricks, water, soil, cement and fly ash bricks.

Training and placement Activities

Training Activities

Pre-Placement Training to the Class of 2023

- Training in Arithmetic and Verbal Ability was conducted for Civil, EEE, ME, ECE, CSE & IT branch students by external experts from Tuesday to Friday of every week. Two hours of training was given and two hours of lab practice sessions were conducted for a week.
- 13 days of Campus Training program (from 18 January to 30 January 2022) was held for the registered students.
- “Cognizant (CTS)” Company Specific Training program for the registered students was held from 12 March to 19 March 2022.
- **Wipro TalentNxt** Specific Training Classes were held from 6 June to 30 June 2022 for 582 eligible students. Training was executed by corporate trainers.

Pre-Placement Training to the Class of 2024

- Training in Arithmetic and Verbal Ability was conducted for Civil, EEE, ME, ECE, CSE & IT students by external experts from Monday to Friday of every week. Two hours of training sessions and two hours of lab practice sessions were conducted for a week.

Placement Activities

- **M/s. Ed & Immigo** executives conducted Overseas Higher Education Awareness Camp for the Class of 2023 & 2024 on 28 March 2022. The executives gave individual counseling for students as part of this program.
- **M/s. WIPRO Ltd.,** Global Hiring Team visited the institute on 13 May 2022 and conducted a session for the classes of 2022 and 2023 students.

Total Placements for the Class of 2022

Batch	Civil	EEE	ME	ECE	CSE	IT	MBA	Total
2018-22	32	133	108	431	524	153	30	1411*

SPORTS

University Blues

- ✿ **K. Sri Thanuja (18481A05B8)** was selected for JNTUK Table Tennis Women's team for the South Zone Inter University Table Tennis tournament hosted by AMET University, Chennai from 6 to 8 January 2022.
- ✿ **M. Phani Kumar (18481A04E0)**, was selected for JNTUK KHO-KHO Men's team for the South Zone Inter University KHO-KHO tournament hosted by Bangalore North University, Karnataka from 11 to 14 March 2022.
- ✿ **T.Somanadh Srinivas (20481A0188)** was selected for JNTUK Soft Ball Men's team for All India Inter University Soft Ball tournament hosted by Acharya Nagarjuna University, Guntur from 20 to 30 March 2022.
- ✿ **J.N.K. Chetan (18481A0159)** was selected for JNTUK Cricket Men's team for the South Zone Inter University Cricket tournament hosted by Hindustan University, Chennai from 10 to 16 June 2022.
- ✿ **K. Rajesh (1481A0359) & Ch. Jayasurya (20485A0112)** were selected for JNTUK Ball Badminton Men's team for All India Inter University Ball Badminton tournament hosted by Abdur Rahman Crescent Institution of Science and Technology, Chennai from 10 to 13 March 2022.

JNTUK UNIVERSITY TEAMS COACHING CAMPS:

UNIVERSITY TEAM COACHING CAMP (women's):

- ✿ SRGEC organized JNTUK Table Tennis Women's team coaching camp from 28 December 2021 to 5 January 2022. Five players representing from various affiliated colleges of JNTUK attended this coaching camp. The selected team participated in South Zone Inter University Table Tennis tournament hosted by AMIT University, Chennai from 6 to 9 January 2022.

UNIVERSITY TEAM INTER- COLLEGIATE TOURNAMENT & COACHING CAMP (men's):

- ✿ SRGEC organized the JNTUK Ball Badminton men's team Inter Collegiate tournament cum selection trails on 27 February 2022. Sixty players representing from various affiliated colleges of JNTUK attended selection trials. The selected team also attended a coaching camp conducted at our college. The Coaching Camp was held from 3rd to 9th March 2022. The team also participated in the All India Inter University Ball Badminton Tournament hosted by Crescent Institute of Science & Technology, Chennai from 10 to 14 March 2022.



Table Tennis Womens Team with College Dignitaries



Ball Badminton Players at the Coaching Camp

NSS ACTIVITIES

National Integrity Camp

- ✿ 16 students from Andhra Pradesh State were selected for the National Integrity Camp (NIC), among which 3 students were from SRGEC from EEE, CIVIL and ME departments. The 16 member team was lead by SRGEC NSS Programme Officer Mr.V Naveen Kumar. The team participated in the NIC camp held at Maharishi Markendeshwar Deemed to be University, Haryana from 22 to 28 March 2022.
- ✿ Eminent poet **T. Kalyan Chakravarthi** delivered a guest lecture on "**The Power of Literature for Independence**" on the occasion of **AZADI KA AMRUTH MAHOTSAV** at SR GEC on 12 April 2022.

Blood Donation Camp

- ✿ Under the joint auspices of Lions Club Andhra Hospital, *Puttagunta Venkata Sateesh Health Foundation* and SRGEC NSS Unit, and Gudlavalleru Village Lions Club, a blood donation camp was organized on 22 April 2022. The camp was inaugurated by Lion Vallurupalli Ramakrishna, Correspondent of SR GEC. The club explained the importance of social service and personality development of the female students. Prof. GVSNRV Prasad, Principal, informed that the

Who and what you are will be determined by you, not by your circumstances.

blood donation drive was organized under the supervision of Dr. Achyuth Babu of Andhra Hospitals Lions Blood Bank and the NSS unit of the college collaboratively. Dr. Kamineni, Coordinator, Andhra Lions Blood Bank, supervised the



Blood donation camp at GEC



Vallurupalli Ramakrishna congratulating the organizers of Blood donation camp

programme. President Ln P.N. Vijaya Babu said that appreciation certificates would be given to students who took part in the event. Secretary Ln. Borra Nageswara Rao, Treasurer Ln Kalyanapu Navabu, Past Presidents Ln Vallabhaneni Venkata Subbarao Chowdhary, Ln Polavarapu Venkata Rao, Former Governor Ln YRC Prasad and other Lions members, Physical Director M. Siva kumar and others participated and congratulated the youth who donated blood. Dr. V. Naveen Kumar, Program Officer of NSS Unit of the College, said that this program was organized as a part of college NSS activities to improve social harmony among the students.

- ✿ **Free Health Check up Camp** was organised by the Lions Club, Gudlavalleru in association with Andhra Hospitals and Puttugunta Foundation for the faculty of SR GEC on 02 May 2022.
- ✿ Yoga awareness programme was organized on the occasion of **8th International Yoga Day** Celebrations. Raghu guruji and Umamaheswar guruji emphasized the importance of practicing Yoga. 200 NSS volunteers participated in Yoga training at NTR Stadium, Gudivada on 21 June 2022.
- ✿ An “**Anti Drug Awareness Camp**” was organized for the students by AP State Government and Police department in June 2022. **Mr. R.B.Peddiraju**, Inspector, **Mr. B.Tulasidhar**, Inspector of Police Machilipatnam addressed the students on this occasion.



Principal presenting the memento to the organizers of Health camp at SRGEC

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Having a great dream and belief in yourself is great, but nothing happens until you take action.