

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

Phone Nos. 08674-273737, 273888, Mobile: 9848779121, Fax No.08674-273957.

e-mail: principal@gecgudlavalleru.ac.in, office@gecgudlavalleru.ac.in, Web: gecgudlavalleru.ac.in



Techno LIGHT

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FROM THE EDITOR-IN-CHIEF

2021-22 will go down as a landmark year in SRGEC history. Our long-cherished wish of seeing the name of Sri Seshadri Rao, our founder, in the name of the college itself has come true this year, and the college has been rightly renamed 'Seshadri Rao Gudlavalleru Engineering College' or 'SRGEC' for short.

Not that this wouldn't have been possible in the past. 'For everything,' as the Bible so perceptively tells us, 'there is a season, and a time for every purpose under heaven.' That the time should come in 2021-22 when I am at the helm is indeed my good fortune, and I will cherish memories of this renaming forever. So, I am sure, will all of you, especially senior colleagues on the faculty and in the management who had the great gift of being with Sri Vallurupalli Venkata Rama Seshadri Rao when, with an

extraordinary vision and a pioneering spirit, he ventured beyond the traditional fold and, after years of mighty toil, established this college in 1998, and continued to strive for a decade without resting on his laurels for the infant institution to prove itself in the competitive world of engineering education, scale some heights and become a household name at least in our part of the country before he breathed his last in 2008. The renaming is a tribute as well to the Father of SRGEC.

Now, let me take you into this issue of *Technolight*. This is a packed number with plenty of news about our usual features such as students' achievements, faculty presentations and publications, patents, consultancy, placement, sports, NSS and alumni news. Some of the highlights are one of our students winning the second prize at the Government-of-India-organized Ajadi Ka Amrit Mahotsav for his video on Covid-19 precautions; the Student Induction Programme held in December with new features such as an interaction with employees of small-scale industries and handicrafts; and the international conference on innovation in civil engineering at which the keynote address was given by a professor from the University of North Carolina.

I do look forward to your feedback on *Technolight* and suggestions for its improvement. That will add an interactive dimension to the newsletter. Please email them to editor.technolight@gecgudlavalleru.ac.in.

Happy reading!



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

Skill EDGE 21

A national level online competition on self-learning was conducted by the ICT academy for the year 2021 in which, SRGEC won the third prize at the national level and the first prize at the state level. In this national level competition, one lakh sixteen thousand six hundred and ninety three students participated and one thousand four hundred and seventy students won prizes in various events. This program was conducted by Dr. Kalyanapu Srinivas and he bagged the best coordinator award. Among 480 colleges that registered with the ICT academy, twenty colleges were from Andhra Pradesh.

Meeting attended

Dr. Potluri Ravindra Babu, Advisor to the management, and, Principal Dr. GVSNRV Prasad attended an interactive session conducted by the Vice-Chancellor, JNTUK Kakinada, Dr. G.V.R. Prasada Raju, for the Principals and Managements of various colleges in Krishna, Guntur and Prakasam Districts.

Examination Centre

SRGEC was granted permission to conduct APEAPCET 21. And, all the exams were conducted by following COVID 19 measures.

National Award in Video making on COVID 19

As a part of 75 Independence Day Celebrations, the government of India, with a motto to commemorate the glorious years of progressive India, conducted “Ajadi Ka Amrit Mahathosav”. On this occasion, the college held poster presentation and video making competitions in local languages on the importance of taking COVID vaccine. This programme was coordinated by “Unnat Bharat Abhyan” at national level. Mr. Koonapureddy Aditya Sairam of III B.Tech., EEE of SRGEC won the second prize in video making category. Aditya, the prize winner, explained how to be alert during COVID times, and emphasized the importance of vaccination, social social distancing, isolation and medication.

Renaming of the college

The college was renamed as Seshadri Rao Gudlavalleru Engineering College in the loving memory of our “Father of Gudlavalleru Engineering College, Sri V.V.R. Seshadri Rao. The AICTE accorded approval to rename the college as “**SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE**” with effect from the Academic Year 2021-22. And, wherever necessary, the acronym SRGEC will be used. However, the EAMCET code “**GDLV**” will continue to remain the same.



Student Fee Payments Simplified

The fee payment process was simplified for all the students who fell under the Fee Reimbursement Category. The process was made easy to students as they were educated on the procedure on paying fees online.

Graduation Day

Graduation Day Ceremony was held on two days from 9 to 10 October 2021 in the Central Lecture Theatre to give away Provisional Degree Certificates to the students of Fourth Autonomous batch.



Principal Dr. G.V.S.N.R.V Prasad addressing the students

Vaccination Camp

A Vaccination Camp was held for the III B.Tech. I semester students in the college. Both Covaxin and Covishield vaccines were made available to the students.

It's only when you have the courage to step on the ledge that you'll realize you've had wings all along.

Student Induction Programme - 2021

On 2 December 2021, between 9:30 and 10:30 am, the Principal of SRGEC, Dr. G.V.S. N.R.V Prasad addressed the students. In his speech, he briefed about the Student Induction Program and thanked both the students and parents for choosing the college. He provided information to the students on the number of branches of study in the college and created awareness to the students about college etiquette. Also, he spoke about the design of the curriculum of the college and methods adopted to implement it. He urged the students to maintain discipline on campus and emphasized the importance of setting a goal and reaching it. Further, he requested them to utilize the facilities provided on campus and persuaded them to enrol in different departmental clubs. He extended his good wishes to all of them and wished them to come out with flying colours. On 2 December 2021, between 10:30 am and 12:20 pm, the Training and Placement Officer Mr. K. Sai Krishna held a session on 'Career Guidance'. He spoke about the importance of strategic learning which enables them to become self-directed lifelong learners who can effectively learn in any environment. He appealed to the students to apply the knowledge gained in their courses in the interviews to procure jobs. He requested the students to use formal language on campus as it reflects their personality. He lauded the culture of our country and urged the students to practise the five good qualities of a student as advocated by Sri Bhart[hari]. He motivated the students by narrating a few stories to work persistently in reaching their goals.

On 3 December 2021, as a part of SIP (student induction program), Gudlavalleru Engineering College SIP organizing members invited Mr. M.V.G Anjaneyulu a former retired principal of DIET (District Institute of Education & Training) Angaluru, Krishna District to deliver a lecture on 'Happy Learning and Personality Development.' This program started at 9:30 am and continued till 11:30 pm. The speaker gave real life examples on child

literacy and shared some memorable instances in his career. He spoke on how to build personality skills, sang some parody songs to motivate students. He advised the students to inculcate learning as a hobby along with other hobbies. All the students responded to the speaker well and enjoyed themselves in the session.

On 3 December 2021, Mr. V.V.S.S.R. Murthy delivered a lecture on 'History and Importance of Yoga Practice' in the afternoon session from 1:30 to 3:30. He spoke about the evolution and development of human life and, health issues prevailing due to our hectic lifestyle. He emphasized the importance of yoga and its benefits on our body and mind. He brought

about awareness on how to overcome health issues in women by practising a few yogic postures.

On 4 December 2021, from 9:30 am to 12:20 pm, Dr. G.V.N. Raju conducted a session on 'Students' motivation and life skills.' He is a master motivator, acclaimed speaker and well experienced trainer on attitudinal skills and management skills. He motivated students on the aspects of self-learning, grabbing an opportunity and accepting responsibility. He encouraged the students to become responsible citizens and urged them to focus on their duties.

On 4 December 2021, from 1:30 pm to 3:30 pm, Dr. U.V. Ramana Murthy held a session on 'The beauty of Sankrit and its History, Importance'. In the session, he elucidated how Sanskrit



Talk by Principal



Mr. M.V.G. Anjaneyulu delivering a lecture



Mr. V.V.S.S.R. Murthy giving a lecture



Dr. G.V.N. Raju interacting with the students



Dr. V.V. Ramana Murthy addressing the students

originated from the Damarukam of Lord Shiva. He told that all the 23 languages spoken in India and 823 languages in the world are derived from Sanskrit. He listed a few famous Sanskrit writers and mentioned that all knowledge is hidden in Sankrit kavyas.

On 6 December 2021, from 9:30 am to 12:30 pm, Sri Jagan Guruji spoke on the topic “Indian Spirituality and Human Values.” In his speech, Guruji praised India for giving birth to four Vedas, and explained how these Vedas were taught at



Talk by Sri Jagan Guruji

Takshasila University. He spoke about the aspect of ‘Karma’, and warned students not to perform bad deeds. He talked about the significance of life, the importance of using language according to the context, the prominence of dressing sense, the value of leading a healthy life style and healthy eating habits. He also ignited the minds of students by quoting the seven types of flowers that should be offered to God to become a good human being. He appealed to the students to maintain and practise Sanatana Dharma.

On 6 December 2021, from 1:30 to 3:30 pm, Sri Sandra Sudeer held a session on ‘Student Abilities and Remembering Skills.’ He motivated the students by sharing a few real life examples on how students have to be single-minded in reaching their goals. He urged them to identify the problems faced by people in the society and provide solutions to them. He added that academic degrees should assist students in overcoming issues in real life. He made students learn English alphabet again by representing them with different vocabulary items useful for leading a successful life.



Sri Sandra Sudeer motivating the Students

On 7 December 2021, in the forenoon session from 9.30 to 12 pm, a session on ‘Gender Sensitivity’ was conducted by Ms G Padma Kala, Psychologist and Principal, Bharatiya Vidya Bhavan’s Residential School, Palakol. In her talk, she brought clear understanding on Gender Sensitivity by quoting many anecdotes and examples. The session was an engaging one as the speaker sang a few songs from Tollywood

movies and screened some motivational videos. She also made the students active with her regular interaction. Altogether, the session was quite thought-provoking and enjoyable.



Ms G Padma Kala & Principal giving away certificates to the students



Sri Upadrasta Lakshman Suri demonstrating Physics Experiments

On 7 December, Sri Upadrasta Lakshman Suri known as ‘Promoter of Science’ spoke on ‘Bharatiya Vignanika Vaibhavam’ in the afternoon session from 1:30 to 3:30. He addressed the newly joined I B. tech. students. He took the students to the basics of Physics in a session called ‘Back to basics’. In the session, he told the students that practical knowledge and application of it makes a student competent. He then demonstrated several Physics experiments before the students and

enthralled them. The ‘science-kit’ which comprised a list of low-cost and no-cost physics experiments attracted the interest of the audience.

In the second part of the session, Sri Lakshman Suri spoke about ‘Bharatiya Vijnanika Vaibhavam.’ He told that there would be no recent findings without a trace of our ancient findings. He stated that our Indian customs and practices are in fusion with science. He also quoted how Indians like Aryabhata, Varahamihira, Leelavati, Bhaskaracharya, Susruta, Nagarjuna, Charaka, J.C. Bose, Ramanujam, C.V. Raman and others contributed to the world of science. He also proclaimed the greatness of Sanskrit.

On 8 December 2021, Dr Burra Karuna Kumar, Director, Academics Strengthening and Advancement, held the forenoon session from 9.45am to 11 am. His lecture on ‘The Principles of Learning’ with a handful of tips and techniques was aimed at the budding engineers in brushing their learning practices. The session was highly influencing and motivating and the audience listened to the speaker with rapt attention. The visuals played by him enthralled the students.

On 8 December 2021, between 10:30 am to 12:30 pm, an interaction with employees of small scale industries and handicrafts was held to help students understand their struggles in eking out a living.



An inspirational talk by Dr. B. Karuna Kumar

ELT CENTRE’S ACTIVITIES

TRAINING PROGRAMMES

From July 2021, the ELT Centre’s activities became restricted on account of the virulence of the pandemic. After a 40-hour in-person FDP on Scholarly Communication with a three-month-long research apprenticeship, held from February to July 2021, the Director visited the Centre only on rare occasions such as the NAAC/NBA expert committee visits. As a result, the training activities of the Centre became limited. However, thanks to the well-established practice in the Centre of providing ELT resources and pedagogical support by email and on WhatsApp, the Director continued to email/WhatsApp resources and initiated conversations in which the participation of the faculty members was considerable. This significantly supplemented the few in-person and virtual training programmes the Centre organized during this period (July-December 2021). What follows is a brief account of those training programmes

1. FDP on Scholarly Communication (SC)

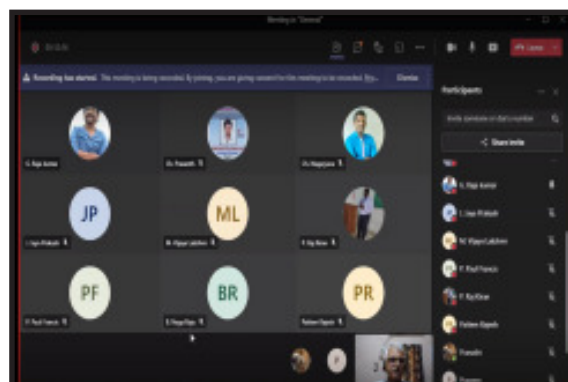
This rigorous course, the third and most advanced one in the Centre’s FDP series, with 40 hours of in-person instruction, three months of research internship, and three days of research presentation by the trainees concluded in July 2021. While the instructional work, spread over a four-month period, concluded on 26 June 2021, the research internship lasted for three months till 7 July 2021, and the research presentations and assessment under the leadership of Dr P Nageswara Reddy, Director, R&D, took place on 17, 19 and 20 July 2021. With the submission of all the reports and documentation of reflections on the Facebook-hosted academic forum by the trainees, the course came to an end on 23 July 2021. Only four of the thirteen trainees successfully completed the course and qualified for certification. More details will be provided after the awards ceremony in the next issue of the newsletter.

2. FDP on Research Writing Skills

For nine days till 15 July 2021, a virtual training programme on ‘Research Writing Skills’ (RWS) was organized for the faculty members of the Department of English with Dr Ramanujam Parthasarathy, Director, ELT Centre, as the resource person. The FDP was inaugurated by Dr GVSNRV Prasad, Principal.

The FDP was a follow-up to the ELT Centre’s on-site workshop on ‘Writing for Scholarly Publication’ (4 & 7 December 2020). While the workshop dealt with the content aspects of research writing, the focus of the FDP was on discourse and language aspects. To be specific, the following aspects of research writing were dealt with at the workshop:

- ✿ Writing introductions
- ✿ Summarising
- ✿ Indicating the writer’s position
- ✿ Varying sentence length and structure
- ✿ Paraphrasing



Virtual Training Programme on RWS

I can’t change the direction of the wind, but I can adjust my sails to always reach my destination. - Jimmy Dean

The FDP sessions had to be rescheduled a few times and conducted over a period of one month on account of the changes in the regular work of the faculty members, including revision classes for IBTech (Semester I). However, home tasks were set for the participants on which the resource person provided feedback, and the workshop sessions on all the nine days were highly interactive. The FDP concluded with a test for all the participants on 15 July 2021, but the resource person set home assignments on RWS skills in the ELTC WhatsApp Group, and posted, a week after each assignment, possible answers to the questions set, and this continued till the end of July 2021. Both the facilitator and the participants felt that better results could be achieved if a research writing workshop was conducted as an in-person training programme rather than as an online one, and they decided to have more workshops in the RWS series when the Director resumed on campus work.

3. Orientation talk on peer mentoring

On 10 January 2022, Dr Ramanujam Parthasarathy, Director, gave a virtual talk on 'Peer Mentoring' in order to orient the faculty members of the Department of English, especially the newly-recruited ones, to the Centre's R&D projects, Peer Mentoring (PM) and Peer Corrective Feedback in writing (PCF), which seek to provide extra academic support to students with inadequate academic proficiency in English. The talk dealt with the whys and wherefores of these two programmes, which the Department of English had decided to roll out for the IBTech students in February 2022, how the mentors should be trained in mentoring skills, and all the other procedures, including the mentors and the mentees recording their PM and PCF experiences on the Centre's Facebook-hosted academic forum, GEC Peer Mentoring.



A Virtual presentation by Dr Ramanujam Parthasarathy

ELTC LIBRARY

The following literary events were held at the Book Lovers' Club of the ELTC Library:

Book review: Chetan Bhagat's novel, Revolution 2020

After a 3-month-long interval on account of a Covid-19 lockdown, the Club resumed its regular activities with a review of Chetan Bhagat's novel, *Revolution 2020*, by Ms P Naga Sravanthi, Assistant Professor, Department of Information Technology, SRGEC, on 16 July 2021. The fascinating review was followed by a brief discussion in which all the faculty members of the Department of English and one from the BS&H Department participated.

Discussion on virtual teaching

'Pandemic-driven virtual teaching: A miserable failure, or a moderate success, or just what was possible, given all the pragmatic constraints, especially, the almost total absence of training in virtual teaching?' – a

discussion on this topic was held 12

November 2021. The participants included the faculty members of the Department of English and a few other members of the engineering departments of SRGEC, including Dr B Karuna Kumar, Director, AS&A.

The participants discussed various aspects of the issue. A majority of them felt that virtual teaching had miserably failed because of many reasons. The principal reason, according to them, was that there was not adequate training for the teachers to use online sources for teaching. They also pointed out that frequent internet disconnections, and poor network quality often frustrated both teachers and students, with the result that online teaching was burdensome rather than joyful.



Faculty participating in the Group Discussion

However, some of the discussants argued that virtual teaching was a moderate success because it was, after all, the only educational alternative and the primary means of instruction after the closure of schools and colleges on account of the pandemic. They also emphasized that both the teachers and students had quickly adapted to the new situation. A small minority of participants put forth the view that that virtual teaching has been very effective. They argued that, in the future, teaching cannot be completely physical and is very likely to be a blend of



Book talk by Ms P Naga Sravanthi

offline and online modes. Given this likelihood, the teaching in online mode that has taken place in the past twenty months or so has served as a preparation and oriented teachers to the possibilities on virtual platforms. The birth of anything new is always painful, they pointed out, and the gains of virtual teaching should be viewed in terms of this preparation and psychological orientation.

Book review: Chitra Banerjee's novel, *The Palace of Illusions*

On 7 December 2021, Ms N Prathyusha, a final year engineering student of Electronics and Communications Engineering, made a record by becoming the first among the students to review a book at the Club. The book she reviewed was Chitra Banerjee Divakaruni's *The Palace of Illusions*, a best-selling novel that retells the epic *The Mahabharata* from the viewpoint of Panchaali. The follow-up discussion was as interesting as the book talk. All the faculty members of the department of English, faculty members from engineering departments and a few students from various branches participated in the discussion.



Book Talk by P Prathyusha

ALUMNI ASSOCIATION ACTIVITIES

Information Technology

- ✱ **M.Srimanth (17481A1253)**, Application Development Associate, Accenture Hyderabad, **Dasari Gayatri Devi (17481A12A0)**, System Engineer TCS, Hyderabad and **D.Naga Mallika(17481A12B2)**, Digital Specialist Engineer, Infosys, Alumni members, Hyderabad, conducted career guidance program on “**How to prepare for campus placements**” to III B.Tech.students on 10 October 2021.
- ✱ **A.Sai Krishna (17481A1207)**, Cloud Devops Engineer at AWS Minfy Technologies Pvt Ltd, Hyderabad, **Ch. Sai Krishna (17481A1221)**, Software Engineer at Ivy Comptech, Hyderabad and **A.Maneesha (17481A12A7)**, Junior Software Engineer, EPAM, Hyderabad, alumni members, conducted career guidance program on “**How to prepare for campus placements**” to III Year IT-B students on 10 October 2021.

STUDENTS NEWS

Achievements/ Awards

Computer Science and Engineering

- ✱ III B.Tech CSE students - **Killi Arjuna Satya Deepthi (20485A0510)**, **Parasa Swetha (19481A05I3)**, **Grandhe Prasanth (19481A0571)**, **Kandula Goutham Kumar Reddy (19481A05A2)**, **Penaganti Keerthana Naidu (19481A05J0)** completed “**Huawei Certification on AI course.**”

Guest Lectures / Workshops / Seminars / Paper contests

Conducted

Civil Engineering

- ✱ **Er. K. Babu Mahesh**, Life Member- Association gave a guest lecture on “**Recent Developments in Cement and Concrete Technology**” for II B.Tech students on 1 December 2021.
- ✱ **Dr. Ch. Naga Satish Kumar**, HoD, Bapatla Engineering College conducted a workshop on “**Analysis and Design of Structures**” for IV B.Tech students on 24 November 2021.



Talk by Er. K. Babu Mahesh



Students participating in the Workshop

Electrical and Electronics Engineering

- **Mr. Venkateswara Rao Eegapati**, Deputy Country Head-TCS, Financial Solutions, Beijing gave a guest lecture on “**Opportunities for Electrical & Electronics Engineers in IT Sector**” for I, II and IV B. Tech students on 18 December 2021.

Mechanical Engineering

- **Mr. Jayakrishna K**, HVAC Assistant Engineering Manager, CYIENT Ltd., Visakhapatnam delivered a lecture on “**Basic Design of HVAC System, its Application and Opportunities**” for III B.Tech Students on 4 December 2021.
- **Mr. K. Kameswara Rao**, Assistant Technical Officer Central Institute of Plastics Engineering & Technology (CIPET), Vijayawada gave a guest lecture on “**Die Designing**” for III B. Tech Students in association with MEA and IE(I) on 23 November 2021.
- **Mr. N. Abhilash Reddy**, Enablement Manager, MindTickle, Hyderabad delivered a lecture on “**Entrepreneurship in Digital Era**” for III B.Tech students on the eve of Engineer’s Day Celebrations on 15 September 2021.

Computer Science and Engineering

- **Mr. S. Nagaraju**, Lead CyberSec, MGS Pvt. Ltd., Bangalore gave a guest lecture on “**Basics of Computer Networking**” for III B.Tech students in association with COMITY & CSI on 28 August 2021.

Information Technology

- A student development programme on “**Web Development Using React JS**” was conducted by **Y.Kalyana Chakravarthi and G.K.Raja**, APSSDC, Vijayawada for III B.Tech students from 24 November to 07 December 2021.
- A student development programme on “**Source Code Management Using Git & GitHub**” was held by **Y.Kalyana Chakravarthi and Surya Narayana**, APSSDC, Vijayawada for II B.Tech students from 19 November to 20 November 2021.
- A value-add-course on “**AWS Cloud Foundation-Edu Skills**” conducted for IV B.Tech students by AWS academy from 27 August to 09 September 2021.
- **A One day workshop on “Awareness on Recent Technologies” was conducted for students of Z.P High School, Kowtharam, Krishna District by III B.Tech Students on 11 November 2021.**

Master of Business Administration

- A one-day online Entrepreneurship Development Programme on “**Insights into Entrepreneurial Plan and Execution**” was held by **Mr. Shivjot Cheema**, Director, One Street Capital Advisors, Mumbai on 15 November 2021.
- A one-day online Entrepreneurship Development Programme on “**Innovation and Entrepreneurship as Career**” was held by **Prof. Chethan Babu Chittalkar Subba Rao**, Director, Mahatma Gandhi National Council of Rural Education, Govt. of India on 22 November 2021.
- **Ms. Yogitha Wagh**, educator and personal transformation coach, freelancer, visiting faculty at MES College of Commerce and Economics, Goa gave a guest lecture on “**Digital Marketing**” on 30 November 2021.
- A one-day online Entrepreneurship Development Programme was organised on “**Start-ups and Finance for Entrepreneurs – Initiatives from Government and Venture Capitalists**” by **Mr. Girivasan Iyengar**, Founder and Co-Logistics and Honorary Director, Institute of Supply Chain Management on 2 December 2021.
- **Mr. S. Narendra Nath**, alumni and content analyst, M/s. London Stock Exchange Group, Bangalore gave a guest lecture on “**Employment Opportunities in Finance Sector**” on 22 December 2021.

Attended

Civil Engineering

- **N. Sravani** (17481A0194) attended AICTE sponsored online workshop on “**Interactive Design in Transportation Geotechnics: Theory to Practice**” organized by SRK Institute of Technology from 29 to 30 May 2021.
- **P. Meenakshi** attended online SDP on “**Entrepreneurship Development**” organized by SR GEC from 14 to 18 September 2021
- **P. Meenakshi** attended one week International workshop on Android with Java organized by SR GEC from 20 to 25 September 2021
- **M. Venkata Padmaja** attended SDP guest lecture organized by SR GEC on 15 September 2021

Information Technology

- 38 students from II, III B.Tech attended an EDP on “**Insights into Entrepreneurship Plan and Execution**”. The EDP was organized by the department of M.B.A, SR GEC on 15 November 2021 with the resource person **Mr.ShivjotCheema**, Director, One Street Capital Advisors, Mumbai.
- 23 students from II, III B.Tech attended an EDP on “**Innovation and Entrepreneurship Plan as Career**”. The EDP was organized by the department of M.B.A, SR GEC on 22 November 2021 with the resources persons **Prof.Chetanbabu, Chittalkar SubbaRao**, MGNCRE Hyderabad.

- 29 students from III B.Tech attended an EDP on “**Sambhav – A National Level Awareness Programme(e-NLAP)**”. The programme was organized by the department of M.B.A, SR GEC on 26 November 2021 with the resource person **Dr.S.Greep**, Asst.Director, Sate KVIC Vijayawada.
- 15 students from III B.tech attended an EDP on “**Start-Ups and Finance for Entrepreneurs – Initiatives from Government & Venture Capitals**”. The programme was organized by the department of M.B.A, SR GEC on 26 November 2021 with the resources person **Mr.Girivasanyengar**, Founder &CEO-Logistics, Hyderabad.

Publications of Students

Information Technology

- **Mr.B.Srinivasu Kumar, Ms.R. Tanuja, Mr.R. Mahesh, I. Mr.Chandrashekar Reddy:** “**Pill Dispenser Using IOT**”, *Journal of Education: Rabindrabharati University*, ISSN No. (Online): 0972-7175. .
- **Ms. P.Naga Sravanthi, Ms.T. Jahnvi Praneetha, Ms. A. Preethika, Mr. V. Venkata Reddy, Mr.O. Charankumar:** “**Face Detection Using Deep Learning**”, *Utkal Historical Research Journal*, ISSN No. (Online): 0976-2132.
- **Ms.T. Sumallika , Ms.L. Jyothirmai, Mr. K. Pavan Kumar, Ms.G. Rushitha, Ms.Ch. Sri Kavya,:** “**Face Detection Using Deep Learning**”, *The International journal of analytical and experimental modal analysis*, ISSN No. (Online): 0886-9367.
- **Mr.Y.K.Viswanadham, Mr.Rayala Chaitanya, Ms.Bale Keerthi, Mr.Vallepalli Satish:** “**Vehicle Safety and Communication System**”, *EPRA International Journal of Research and Development (IJRD)*, ISSN No. (Online): 2455-7838.
- **Mr.Y.N.S.Satyanarayana, Mr.M. Rajarajeswari, Mr.P. Jagadeesh, Ms. N. Geetha Naga Gowri, Mr.S. Vivek:** “**Efficient Identification of Disaster Related Tweets From Twitter**”, *Journal of Interdisciplinary Cycle Research*, ISSN No. (Online): 0022-1945.
- **Ms.Kavitha Chaduvula, Ms.K. Chinmai Devi, Ms.P. Santhoshi Rupa Devi, Ms.Shaik Kathija, Ms.V. Rasagna:** “**Library Information Management System Using Kiosk**”, *EPRA International Journal of Research and Development (IJRD)*, ISSN No. (Online): 2455-7838.
- **Mr.I.Lakshmi Narayana, Ms.A.Deepthi, Ms.A.Naga Divya, Ms.D.Rajini, Mr.Md.Gouse Khan,:** “**System to Predict CO2 Emission Levels in Cars to Mitigate Air Pollution**”, *The International journal of analytical and experimental modal analysis*, ISSN No. (Online): 0886-9367.
- **Mr. B. Sobhan Babu, Ms.K.S.R.P.Lakshmi, Ms.M.Ramya Sravani, Ms.K. Yasaswini, Ms.K. Niharika, :** “**Result Analysis Of Student Information Using K-Means Clustering Algorithm**”, *The International journal of analytical and experimental modal analysis*, ISSN No. (Online): 0886-9367.
- **Dr.Kavitha Chaduvula, Ms.Ch. Sneha, Ms.B. Premanvitha, Mr.B.Shanmukh,** under the guidance of **Dr.Kavitha Chaduvula:** “**Image Caption Generator Using Deep Learning**”, *The International journal of analytical and experimental modal analysis*, ISSN No. (Online): 0886-9367.
- **Ms.R.Dhatri, Ms.N.Shafiyabi, Ms.U.Nithish, Mr.P.Vamsi,** under the guidance of **K. Subrahmanya Kousik:** “**Phishing Website Detection Using Machine Learning**”, *International Journal of Advance Research, Ideas and Innovations in Technology*, ISSN No:(Online): 2454-132X.
- **Ms.Alaparthi Maneesha, Ms.Vemuri Likitha, Mr. Kanuboina Sreedhar, Mr.Loya Sai Vamsi,** under the guidance of **Ms.Divya Sumita:** “**Road Safety at Ghats Using IoT**”, *International journal for research*, ISSN No. (Online): 2321-9653.
- **Ms.D. Gayatri Devi, Ms. V. Geetha Naga Sai, Ms.N. Mounika, Ms.P. Sai Manju,** under the guidance of **Mr.M.Nagaraju:** “**COVID Safety Measures Alert System**”, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)* , ISSN No. (Online): 2321-9653.
- **D. Gayatri Devi, V. Geetha Naga Sai, N. Mounika, P. Sai Manju,** under the guidance of **Mr.M.Nagaraju:** “**COVID Safety Measures Alert System**”, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)* , ISSN No. (Online): 2321-9653.
- **M. Monika Rani, A.Harika Sweta, K Jaswani 4, K Pavan Sidhu,** under the guidance of **Dr. D.N.V.S.L.S Indira:** “**Text Summarization Using NLP**”, *International Journal of Engineering Science Invention (IJESI)*, ISSN No. (Online): 2319-6734.

- ✿ **K. Praveena , K. Sudharshan , A.Sowmya , Ch. Teja sri sai**, under the guidance of **Dr. Ch. Suresh Babu: “Brain Tumor Type Detection Using Deep Learning”**, *The International journal of analytical and experimental modal analysis*, ISSN No. (Online): 0886-9367.
- ✿ **K.S.R.P.Lakshmi , M.Ramya Sravani, K. Yasaswini , K. Niharika**, under the guidance of **Mr.B.Sobhan Babu: “Result Analysis of Student Information Using K-Means Clustering Algorithm”**, *The International journal of analytical and experimental modal analysis*, ISSN No. (Online): 0886-9367.
- ✿ **Dr.D.N.V.S.L.S.Indira , D. UshaRani, Md. Jabeena, B. Jaswanth, J. Ajay: “Ship Image Classification Using CNN”**, *International Journal of Engineering Science Invention (IJESI)* , ISSN No. (Online): 2319-6734.
- ✿ **Ms. P.Rajya Lakshmi Ch. Sai Krishna, Ch. Chandu, J. Sanjeev, G. Mohan Kumar: “Traffic Sign Recognition Using Deep Learning”**, *The International journal of analytical and experimental modal analysis* , ISSN No. (Online): 0886-9367.
- ✿ **Mr.Y.K. Viswanadham, D. Kavya Harini, A. Sai Krishna, B. Tejaswnini, K. Harshith Kumar: “Dynamic Hosting on Café Website Using Amazon Web Services (AWS)”**, *Journal of Software Engineering and Simulation*, ISSN No. (Online): 2321-3795.
- ✿ **Mr.K.Kranthi Kumar, D.Nagamallika, P.Vandana, P.Dakshayani, R.Aravinda Manikanta: “Criminal Identification System Using Deep Learning”**, *Journal of Emerging Technologies and Innovative Research (JETIR)* ISSN No. (Online): 2349-5162.
- ✿ **Mr.M. Naga Raju, A. Devika Goud, G. Satyavarshini, J. Chandana: “Covid19 Diagnosis And Treatment Using Artificial Intelligence And Deep Learning Approaches”**, *Journal of Interdisciplinary Cycle Research*, ISSN No. (Online): 0022-1945.
- ✿ **P.Naga Sravanthi, T.Jahnavi Praneetha, A.Preethika, V.Venkata Reddy, O.Charankumar: “Face Detection Using Deep Learning”**, *Utkal Historical Research Journal*, ISSN No. (Online): 0976-2132.
- ✿ **Mr. M.Dilip Kumar ,Y.Supraja, P.SubbaRao, K.Sri Tapaswi, P.Vemanth Harsha: “Rice Grain Quality Grading Using Digital Image Processing Techniques”**, *Journal of Emerging Technologies and Innovative Research (JETIR)*, ISSN No. (Online): 2349-5162.
- ✿ **Ms. A.Koteswaramma, P.Vyshnavi, P.Sravya Harini, P.Narayana Swami, P.Geethanjali: “Employee Attendance Management System using Face Recognition”**, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, ISSN No. (Online): 2321-9653.
- ✿ **Mr. Ch.Venkateswara Rao, M. Srimanth, S. Lakshmi Narayana, V.T.N.V. Krishna Priya, P.Chandra Sekhar: “Decision Making Support System For Predictio Of Prices In Agricultural Products”**, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, ISSN No. (Online): 2321-9653.
- ✿ **Ms. Ch.Pooja Rani, P. Karuna, D.Tejaswini, D.Ajay , M.Gowtham “Covid-19 Fake News Detection Using Machine Learning”**, *International Journal of Engineering, Management and Humanities (IJEMH)*, ISSN No. (Online): 2321-9653.
- ✿ **Dr. D.N.V.S.L.S.Indira, D.UshaRani, Md.Jabeena, B. Jaswanth, J.Ajay: “Ship Image Classification Using CNN”**, *International Journal of Engineering Science Invention (IJESI)*, ISSN No. (Online): 2319-6734.
- ✿ **Dr. M.V.L.N.Rajarao, B.Sushma, K.V.N.S. Manojkumar, J.Krupa, Ch. Jayasurya: “House price prediction using linear regression”**, *The International journal of analytical and experimental modal analysis*, ISSN No. (Online): 0886-9367.

Professional Society and Association Activities

Electrical and Electronics Engineering

- ✿ The IEEE Power & Energy Society Student Branch Chapter was inaugurated by **Er. Venkateswara Rao Eegapati**, M.Tech (IISC, Bangalore), Deputy Country Head-TCS, Finanacial Solutions, Beijing, China on 18 December 2021.

Inauguration of IEEE Power & Energy Society Student Branch Chapter

- ✿ **Puzzle Test** was held for the II, III & IV B.Tech students on 27 October 2021. **B. Jyothsna Naga Sri** (18481A0211), **Ch.B.S.V.V. Sai Lakshmi**(18481A0216) and **Ch. Supriya** (18481A0217) were the winners of the test.
- ✿ **A Game on Words** was conducted for the II, III & IV B. Tech students on 03 November 2021. **R. Naveen** (20481A0275), **M. Sai Kiran** (20481A0255) and **Sk. Lathif** (20481A0280) were the winners.
- ✿ **PeP Talk on Dreams** was held for the II, III & IV B.Tech students on 10 November 2021. **P.Jai Prakash** (20485A0201) was the winner of the competition.
- ✿ **Logo Hunt** was conducted for the II, III & IV B. Tech students on 17 November 2021. **K.Aditya Sai Ram** (18481A0253), **Sd. Ibrahim** (18481A0282), **N. Manohar** (19485A0250) and **Sk. Suleman** (18481A0284) were the winners.
- ✿ **Identification of Electrical Components** was for the II, III & IV B. Tech students on 24 November 2021. **P. Jai Prakash** (20485A0201), **K. Gayatri** (19481A0235), **L. Kavya** (19485A0244) were the winners.

Keep your face to the sunshine and you cannot see a shadow. - *Helen Keller*

Mechanical Engineering

- Mechanical Engineering Association (MEA) conducted competitions such as : **Just a Minute, Essay Writing, Technical Quiz** in association with IE (I), ISTE and ASME for III & IV B. Tech students from 12 to 14 September 2021.

Electronics and Communication Engineering

- A National Level “**Online Student Knowledge Sharing Programme GENECEES-2021**” was organized by the Department of ECE, IEEE SB-SRGECE, IE(I), UBA and IETE on 7 October 2021.
- A webinar on “**Formal Verification in ASIC Design Flow**” was organized by Professional Society IEEE on 27 September 2021. **Er BV Sirisha**, Senior Formal Verification Engineer, Intel Technology India Pvt Ltd was the resource person for the programme.
- A webinar on “**Industrial Trends and Job opportunities for Young Engineers**” was organized by Professional Society IE on 15 September 2021. **Er. A Ravi Kiran**, Senior Systems Engineer, Nvidia, California, USA was the resource person for the webinar.
- A webinar on **Edge Node Design Issues for IOT Applications** was organized by Professional Society IEEE on 24 August 2021. **Dr. K Solomon Raju**, Senior Principal Scientist, CSIR-NAL, Bangalore was the resource person.
- A one - week training program on **Value added course on design of IoT** was organized by Professional Society ISF from 14 to 21 September 2021. **Er.P. Madhu**, Madblock Technologies Pvt. Ltd. Hyderabad is the resource person.
- An event **Conjecture** was conducted by the ECSAt for II, III, IV B.Tech students on 19 November 2021.
- A Student Development Programme on “**Python Programming**” was organized by Professional Society ISF in association with APSSDC from 12 to 18 December 2021. Mr Kollati Keerthi, Mentor, APSSDC and Ms.Ch. Swathi, Mentor, APSSDC were the resource persons for the programme.

Computer Science and Engineering

- Technical Paper Contest on “**Innovative ideas in Combating COVID-19**” and Quiz on **Aptitude** were conducted for B.Tech students in association with COMITY & CSI from 14 to 15 September 2021.

Information Technology

- International workshop on “**Andriod With Java**” was conducted for III B.Tech students by **Brain O Vision Solutions Pvt. Ltd.**, in association with CSI from 20 to 25 September 2021.
- A technical event “**CodeIT**” was conducted on 13 September 2021 in association with CSI. **B.Sirisha (20481A1217), J.Swathi (19481A1243) and M.Sailesh (19481A04E5)** got the **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.

Mechanical Engineering

Sl.No	Name of the Student	Roll Number	Course Registered	% of Marks	Grade Secured
1	Chinamuthevi Naga Ravi Kiran	19485A0302	Power Plant Engineering	82	Elite + Silver
			Metal Cutting and Machine Tools	62	Elite
			Concepts of Thermodynamics	42	Successfully Completed
			IC Engines and Gas Turbines	64	Elite
2	Turaga Krishna Koushik	18481A03D5	Computational Fluid Dynamics	90	Silver

Computer Science and Engineering

Sl.No	Name of the Student	Roll Number	Course Registered	% of Marks	Grade Secured
1	Gunduboyina Neha	19481A0577	Problem Solving through Programming in C	84	Elite + Sliver
			Programming Data Structures and Alogirthms using Python	86	Elite + Sliver
2	Kurapati Sai Santhosh	20481A05D1	Programming Data Structures and Alogirthms using Python	81	Elite + Sliver
3	Puvvada Sai Vamsi	20481A05J4	Programming Data Structures and Alogirthms using Python	73	Elite + Sliver
4	Sk Davood Ali	19481A05L7	Programming Data Structures and Alogirthms using Python	70	Elite
5	S Basaveswara Mukesh	19481A05M9	Programming Data Structures and Alogirthms using Python	85	Elite + Sliver

If you don't like something, change it. If you can't change it, change your attitude. - Maya

Information Technology

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

FACULTY NEWS

RESEARCH

AWARD

- **Potluri Avinash**, Assistant Professor, Department of CSE, was awarded a Ph.D degree for his thesis entitled “**Optimizing Communication Costs in Mapreduce to Execute Spatial and Graph Queries**” by JNTUK on 4 September 2022. He did his Ph.D. under the guidance of Prof. R.B.V.Subramanyam, Professor at NIT, Warangal.



Mr. P. Avinash



Ms. B. Ramya

- **Mrs. B.Ramya**, Assistant Professor, Department of BS&H was awarded a Ph.D degree for her thesis on “**Isolation And Characterization of Chicken Feather Degrading Bacteria For Plant Growth Promotion And Degradation Of Pesticide Residues Under The Influence Of Chicken Feather Protein**” by Acharya Nagarjuna University, Guntur in November 2021.



Ms. Sk. Salma Begum



Mr. G. Kamal

- **Sk. Salma Begum**, Assistant Professor, Department of CSE, was awarded a Ph.D for her thesis entitled “**Optimized Recurrent Neural Network Based Detection and Identification of Brain Tumors Over MRI**” by JNTUK on 2 December 2022. She did her Ph.D. under the guidance of Prof. D.Rajyalakshmi, JNTU-GV.

- **Mr. G. Kamal**, Department of MBA was awarded a Ph.D degree for his thesis on “**A Study on Performance on Self Help Groups in Empowerment of Women in Marine Fishing Community of Krishna and Prakasam districts in Andhra Pradesh**” by Acharya Nagarjuna University, Nagarjunanagar, Guntur on 30 December 2021.

SUBMISSION

- **Mr. M. Dileep Kumar**, Asst.Prof. of Information Technology, submitted Ph.D. thesis on “**Automated Deep Learning Based Segmentation Technique With the Aid Of Cardiovascular Magnetic Resonance Images**” to JNTUK on 31 December 2021. He is doing his research under the guidance of Dr. K Ramana.
- **Mrs.P.Suma Latha**, submitted her Ph.D Thesis on “**Assessment Of Drinking Water Quality Indices Using Gis and Seasonal Variations in and around Places of Vijayawada City, A.P.,INDIA**” to Acharya Nagarjuna University in October 2021.

Achievements/Awards

Civil Engineering

- **Dr. A. Sreenivasulu** is nominated as a member of National Advisory Committee in the International Conference on Recent Challenges in Engineering Science and Technology (ICRCEST 2021) organized by Institute For Engineering Research and Publication (IFERP) Journal.
- **Dr. A. Sreenivasulu** acted as an Editorial Board Member for “Blue Eyes Intelligence Engineering and Sciences Publication” and its journals.
- **Dr. G. Reddy Babu** acted as a member of conference Review Committee and chaired a session at the 2nd International Conference on “**Sustainable Construction Technologies and Advancements in Civil Engineering-SCTACE 2021**” which was organized in association with Indian Concrete Institute - Student Chapter of Shri Vishnu Engineering College for Women from 14 to 16 October 2021.
- **Dr. S.R.K. Reddy, Dr. G. Reddy Babu and Dr. A. Sreenivasulu** chaired sessions at Online International Conference on “**Advancements and Innovations in Civil Engineering**” (ICAICE- 2021) conducted from 17 to 18 December 2021.

Electrical and Electronics Engineering

- **Dr. G. Srinivasarao** acted as the Technical Program Committee Co-Chairperson for the 13th IEEE PES Asia-Pacific Power and Energy Engineering Conference 2021 (APPEEC 2021) hosted online by IEEE PES Kerala Chapter from 21 to 23 November 2021.

Computer Science and Engineering

- **Dr. Kalyanapu Srinivas**, Professor, Department of CSE received **National Level Best Coordinator** award for organizing Skilledge Technology Foundational Courses by ICT Academy on 27 August 2021.

Master of Business Administration

- **Dr. T.V.S.S.Swathi** acquired Affiliate Membership in “International Association of Academic Plus Corporate” in September 2021.
- **Dr. T.S.Leelavati** acquired Affiliate Membership in “International Association of Academic Plus Corporate” in September 2021.

English

- **Mr B Nagaraju**, qualified **APSET-2021** held on 30 October 2021.

Basic Sciences and Humanities

- **Mr. P.Ramireddy**, Assistant Professor of Mathematics, was awarded an M.phil Degree on “**Study Of Unsteady Mhd Heat And Mass Transfer Problems Through Past Plates And Channels**” by Krishna University, Machilipatnam in August 2021.
- **Dr.P.Haritha**, Assistant Professor of Chemistry, received certificate of excellence in reviewing the “*Journal of Pharmaceutical Research International*” on 5 August 2021.
- **Dr.P.Haritha**, Assistant Professor of Chemistry, received certificate of excellence in reviewing the “*Journal of Pharmaceutical Research International*” on 6 October 2021.
- **Dr.P.Haritha**, Assistant Professor of Chemistry, received certificate of excellence in reviewing the “*Asian Journal of Research in Cardiovascular Diseases*” on 16 November 2021.

FACULTY ENABLEMENT PROGRAMMES

Workshops/conferences/Guest Lectures

Conducted

Civil Engineering

- An online International Conference on “**Advancements and Innovations in Civil Engineering**” (ICAICE-2021) was conducted from 17 to 18 December 2021. **Prof G. V. R. Prasada Raju**, Vice- Chancellor, JNTUK was the Chief Guest for the programme. **Prof. K.B. Chandra Sekhar**, Vice- Chancellor, Krishna University addressed the participants during Inaugural and Valedictory sessions. The key note speakers were **Prof. Shen-En- Chen**, University of North Carolina, USA and **Prof. Hong Hu Zha**, Nanjing University, China. The technical committee selected 21 research journals to present their papers during the sessions.



Inauguration of Research Journal

Mechanical Engineering

- Department of Mechanical Engineering organized a Faculty Development Program on “**Recent trends in Thermal Engineering**” from 6 to 10 September 2021.

Electronics and Communication Engineering

- A one-week AICTE-ISTE sponsored online Induction Program on “**Millimeter – Wave Frequencies (Phase III)**” was organized from 17 to 24 August 2021. **Prof. NVSN Sarma**, Director, IIIT Tiruchirapalli, **Dr. Mrinal Kanti Mandal**, Associate Professor, IIT Kgp, **Dr. B.T.P. Madhav**, Professor, KLEF University, **Dr. Y. Usha Devi**, Associate Professor, KLEF University, **Dr. Ch. Sulakshana**, Associate Professor, Vardhaman College of Engineering, **Dr. T. Shanmuganantham**, Pondicherry University, **Dr. M. Lakshmi Narayana**, Scientist -H (Retd.), DRDO, **Dr. Rajib Kumar Panigrahi**, Associate Professor, IIT Roorkee, **Dr. Amalendu Patnaik**, Professor, IIT Roorkee, **Dr. DVLN Somayajulu**, Director IIIT DM Kurnool were the resource persons for the program.

Computer Science and Engineering

- A six-day online FDP on “**Robotics Process Automation**” was conducted with the resource person **Mr.G.Hemanth Kumar**, Lead-Robotics, Process Automation Smart Bridge, Hyderabad from 23 to 28 August 2021.

Information Technology

- A six-day online FDP on “**Robotics Process Automation**” was conducted with the resource person **Mr.G.HemanthKumar**, Lead-Robotics, Process Automation Smart Bridge, Hyderabad from 23 to 28 August 2021.

- A one-day webinar on “**Blockchain Technology : Post Pandemic Industry 4.0**” organised by Chalapathi Institute of Engineering & Technology, Guntur on 13 September 2021. **Ms.P.N.Sravanthi**, Assistant Professor acted as a resource person for the webinar.

Master of Business Administration

- A five-day online Faculty Development Programme was organized on “**Issues and Challenges in Business Management**” from 22 to 27 July 2021. **Dr. K. Vinay Kumar**, CEO, Data wise, IIM, **Dr. D. Surya Chandra Rao**, Professor, Krishna University, **Mr. Debashish Mukherjee**, Vice President (Former), Business Logistiks.com, **Dr. A. Chandra Mohan**, Dean, School of Commerce and Business, Central University of Tamilnadu, **Dr. M. Kishore Babu**, Professor, Dean – Management, KL University were the resource persons for the FDP.

Guest Lectures/ Keynote Addresses

Civil Engineering

- **Dr. S.R.K.Reddy** delivered a key note lecture on “**Smart Cities and their Sustainability against Natural hazards**” in International Conference, ICRTET- 2021 organised by SNKB’s, K.B Jain college of Engineering, Nashik, Maharashtra on 15 November 2021.
- **Dr. S.R.K.Reddy** delivered two guest lectures on “**Mechanism of Earthquakes and Tsunamis and Their Effect on Structures**” and “**Smart Cities and their Sustainability Against Natural Hazards**” in Aditya Engineering College(A), Surapalem, East Godavari District on 28 December 2021.
- **Dr.A.Sreenivasulu** delivered a guest lecture on “**Light Emitting Concrete for Smart Constructions**” in a National Level three-day FDP on “**Recent Advances in Concrete Technology & Sustainable Infrastructure**” organized by Sir C R Reddy College of Engineering, Eluru from 4 to 6 August 2021.
- **Dr. A. Sreenivasulu** delivered a talk on “**Causes and Effects of Earthquakes – Case studies**” at a webinar organized by Sri Chandra Sekharendra Saraswathi Viswa Mahavidyalaya, Kancheepuram on 12 August 2021.

Electrical and Electronics Engineering

- **Dr. M. Siva Kumar** delivered a lecture on “**Hands on session on MATLAB Fundamentals and Simulink**” in D.N.R. College of Engineering & Technology, Bhimavaram on 18 November 2021.

Master of Business Administration

- **Dr.T.V.S.S.Swathi** delivered a lecture on “**Contemporary Issues and Challenges in Current Business Scenario**” in Sasi Institute of Technology and Engineering (Autonomous), Tadepalligudem on 30 October 2021.

Performance of Faculty in NPTEL Online Certification Courses

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

Civil Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	M. Durga Rao	Asst. Prof	Strength of Materials	71	Successfully Completed

Electrical and Electronics Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Dr. G. Kishor Babu	Assoc. Prof	Fundamentals of Artificial Intelligence	78	Elite + Silver
2	Mr. G. Ramesh	Asst. Prof	Advanced Linear Continuous Control Systems	83	Elite + Silver
3	Mr. D. Vijay Arun	Asst. Prof	Control systems	72	Elite + Silver
4	Mr. V. Naga Babu	Asst. Prof	Control systems	95	Elite+Gold
5	Mr. P. Bala Koteswara Rao	Asst. Prof	Fundamentals of Electrical Engineering	61	Successfully Completed

Mechanical Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured			
1	Dr. B. Karuna Kumar	Professor & Director (AS&A)	Welding Application Technology	78	Elite+Silver			
			Teaching & Learning in General Programmes: TALG	91	Elite+Gold(Top 1%)			
			Production Technology: Theory and Practice	87	Elite+Silver (Topper)			
			Ergonomics Work Place Analysis	69	Elite(Topper)			
			Design Practice: II	90	Elite+Gold			
			Accreditation and Outcome Based Learning	71	Elite			
			Manufacturing Processes: Casting and Joining	85	Elite+ Silver			
			Principles of Industrial Engineering	80	Elite +Silver			
			2	Mr. B.V.S. Raghu Vamsi	Sr.Gr.Asst.Prof.	Conduction and Convection Heat Transfer	92	Gold
			3	Dr. T. Narasimha Suri	Asst. Prof.	Power Plant Engineering	60	Elite
4	Mr. S.B. Karimulla Reddy	Asst. Prof.	Introduction to Composites	73	Elite			
5	Mr. D. Tarun	Asst. Prof.	Manufacturing Systems Technologies: I & II	61	Elite			
6	Ms. Abdul Sabhiha Khathun	Asst. Prof.	Sustainability through Green Manufacturing Systems: An Applied Approach	72	Elite			
7	Mr. D. Kishore Babu	Asst. Prof.	Fundamentals of Additive Manufacturing Technologies	64	Elite			
			Biomechanics of Joints and Orthopaedic Implants	70	Elite			
			Sustainability through Green Manufacturing Systems: An Applied Approach	81	Elite+Silver			
8	Mr. D. Santhosh Kumar	Asst. Prof.	Sustainability through Green Manufacturing Systems: An Applied Approach	75	Elite+Silver			
9	Mr. T. Siva Krishna	Asst. Prof.	Conduction and Convection Heat Transfer	97	Gold (Topper)			
10	Mr. S.B. Karimulla Reddy	Asst. Prof.	Kinematics of Machines and Mechanisms	50	Successfully Completed			

Electronics and Communication Engineering

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Dr. S. Ravi	Assoc. Prof.	System Design Through VERILOG	97	Elite+Gold (Topper)
2	Ms. P. Ramya	Asst. Prof.	Design for Internet of Things	73	Elite
3	Ms.M.Deepika Krishna	Asst. Prof.	System Design Through VERILOG	95	Elite+Gold (Topper)

Computer Science and Engineering

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

Information Technology

Sl.No	Name of the Faculty	Designation	Course Registered	% of Marks	Grade Secured
1	Ms.P.Rajya Lakshmi	Asst.Prof	Problem Solving through Programming in C	80	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.	Managing Change in Organisations	78	Elite+Silver (Top 5%)
			Managing Services	73	Elite
2	Mr. M. Vinod	Asst. Prof	Managing Change in Organisations	63	Elite
3	Ms.T.S.Leelavati.	Asst. Prof.	Organisational Behaviour II	88	Elite + Silver (Top 1%)
4	Dr.T.V.S.S.Swathi.	Asst. Prof.	Principles of Management	67	Elite

PAPER PRESENTATIONS

International/ National

Electrical and Electronics Engineering

- **Mr. A. Amarendra & Dr. L. Ravi Srinivas :** “Power system security improvement using Flexible AC Transmission systems and Meta – Heuristic optimization Technique”, in the International conference on Recent Trends in Power Systems and Power Electronics– 2K21 (NEC-VICPSPE-2K21, organized by Narasaraopeta Engineering College from 28 to 29 July 2021.

Civil Engineering

- **Mr. Veerendra G.T.N and Dr. P.Kodanda Ramao Rao:** “Predictive Water Quality Modeling of Surface Water for Selected Vulnerable Hotspots of Krishna District Delta Part - A.P”, India Using Machine Learning Tools & GIS Applications” in ICAICE -2021 organized from 17 to 18 December 2021.
- **Mr. Akula Venkata Phani Manoj, Mr. Veerendra G.T.N and Dr. P.Kodanda Ramao rao:** “Investigation of Flexural Behavior of Cold Formed Steel (CFS) With and Without Lips by Numerical and Experimental Setup of “Hat” and “Z” Sections” in ICAICE -2021 from 17 to 18 December 2021.
- **Mr.Sambangi. Mr.Arunchaitanya:** “Role of Copper Slag on improvement of Strength, Quality and Durability of High strength Self Compacting Concrete-An Industrial Waste” in ICAICE -2021 from 17 to 18 December 2021.
- **Mr.Sreenivasulu :** “Dynamic Response of Existing R.C. Bridge Against Earthquake Forces” in ICAICE -2021 from 17 to 18 December 2021
- **Mr. A.H.L.Swaroop:** “Diagnosis of Structural Health Conditions of G.E.C Main Building by Using Advanced Non-Destructive Techniques” in ICAICE -2021 from 17 to 18 December 2021.
- **Dr. S.R.K.Reddy, Mr. K.Venkateswara Rao & Ms. S Kavya Saraswathi :**“Fabrication and Execution of Mobile House Using Precast Elements” in ICAICE -2021 from 17 to 18 December 2021.
- **Dr. S.R.K.Reddy, Dr. P. Kodanda Rama Rao, Dr. A. Sreenivasulu & Ms. J Manasa:** “Dynamic Response of Existing R.C. Bridges Against Earthquake Forces” in ICAICE -2021 from 17 to 18 December 2021.
- **Dr. P. Kodanda Rama Rao, Dr. S.R.K. Reddy, Mr. A.H.L. Swaroop and Mr. K. Nagarjuna:** “Seismic Behaviour of Existing Elevated Water Tanks Resting on Different Types of Foundation” in International Conference (ISTCE- 2021) organized by Bapatla Engineering College on 25 September 2021.

Mechanical Engineering

- **Mr. G. V. Jagadeesh:** “Surface Modification of Biodegradable Magnesium Alloy by Ball Burnishing Process “in an International Conference on Energy and Materials Technologies (ICEMT-2021) organized by SSN college of Engineering, Tamil Nadu from 20 to 21 August 2021.
- **Mr. S. B. K. Reddy:** “Effect of Fiber Orientation and Layer Thickness on Mechanical Behavior of Laminated Composites” in an International Conference on “Energy and Materials Technologies (ICEMT-2021)” organized by SSN college of Engineering, Tamil Nadu from 20 to 21 August 2021.
- **Mr. N. Premdasu:** “Experimental study on Computerized VCR Diesel engine Operating with Fuel Derived from Waste Plastic” in a two-day International Conference on “Sustainable Energy Solutions for a Better Tomorrow (SESBT-2021)” conducted from 23 to 24 July 2021.
- **Dr. P. Nageswara Reddy:** “Air-Argon-Steam or Organic Fluid Combined Power Cycle With Pulse Detonation Combustion for Electric Power Plants” in an International Conference Proceedings of ASME 2021 and Power Conference POWER2021 conducted from 20 to 22 July 2021.

Computer Science and Engineering

- **Mr. J. Karthik:** “Optimized Conversion of Categorical and Numerical Features in Machine Learning Models”, in Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), ISBN: 978-1-6654-2641-1, 2021.
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When you can’t change the direction of the wind — adjust your sails. - H. Jackson Brown Jr

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- **Dr. B. Sai Chandana:** "Human Detection And Motion Analysis From An Unmanned Arial Vehicle Using Deep Learning Techniques", granted patent on 10 November 2021.

Information Technology

- **Dr.Ch.Kavitha:** "A System and Method for Classifying snake images using Convolution Neural Networks", Patent No. 2021102271 valid 8 years from 30 April 2021, sanctioned on 25 August 2021.
- **Dr. D.N.V.S.L.S. Indira, Ms. T.Sumallika:** "Night Vision Wi-Fi War Field Spying Intelligent Robot using IoT-based Technology", Patent No. 202141053775 published on 10 December 2021.
- **Dr. D.N.V.S.L.S. Indira, Ms. T.Sumallika:** "Human detection and Motion Analysis from an Unmanned Arial Vehicle using Deep Learning Techniques", Patent No.202141051539, on 10 December 2021.

R&D ACTIVITIES**Consultancy Work****Civil Engineering**

- Consultancy cell had undertaken various works worth Rs.1,38,300/- from 01-07-2021 to 31-12-2021 from various clients i.e. ONGC- Rajahmundry, Mega Engineering infrastructure's limited - Dokiparru and GVR Premco Limited-Gudivada, Local clients from Gudivada, Machilipatnam & Bhimavaram. The cell had taken up works related to designing of rig foundations, Grama Sachivalayam buildings in villages of Krishna District and C. E. laboratory tests related to steel, aggregates, bricks, cement and fly ash bricks.
- **Dr. G. Reddy Babu,** Prof applied for a research project entitled "Experimental Investigation and Artificial Neural Network Modeling on treated wastewater performance on Fresh, Hardened and Durability properties of Portland Cements" to MOEF- Scheme on research & Development for Conservation and Development during November, 2021.

TRAINING AND PLACEMENT ACTIVITIES**Training Activities****Pre-Placement Training to the Class of 2022**

- 90 hours of "CTS-GENCNXT" Specific Training program for the CSE & IT students from the Class of 2022 was held from 21 July 2021 to 02 September 2021.
- 40 hours of "TCS" Specific Training program for all branches from the Class of 2022 was held from 6 August 2021 to 11 September 2021.
- 4 days of "Wipro Talent Next" Specific Training program for the registered students from the Class of 2022 was held from 21 to 24 September 2021.

Pre-Placement Training to the Class of 2023

- Training in Arithmetic and Verbal Ability was conducted for CIVIL, EEE, ME, ECE, CSE & IT branches through external experts every week from Tuesday to Friday. Each student is imparted 2 hours of training and 2 hours of lab practice sessions per week.
- “Microsoft” Certification Training program for CSE & IT branches from the class of 2023 was held from 21 August 2021 to 30 September 2021.

Pre-Placement Training to the Class of 2024

- Training in Arithmetic and Verbal Ability was conducted for CIVIL, EEE, ME, ECE, CSE & IT branches by external experts from Monday to Friday every week. Each student was imparted two hours of training and two hours of Lab practice sessions per week.

Placement Activities

- M/s. CIAV executives conducted Overseas Higher Education Awareness Camp for the Class of 2022 & 2023 on 20 November 2021. As a part of this program, individual counselling sessions were held to all the students who approached the counseling desk at T&P Cell.

Total Placements for the Class of 2022 (from 01.07.2021 to 27.12.2021):

Batch	Civil	EEE	ME	ECE	CSE	IT	MBA	Total
2018-22	5	71	46	313	371	106	0	912*

SPORTS

UNIVERSITY BLUES

- M. Tarun (19485A0134) and S. Sunil kumar (19485A0148) of IV Civil was selected for JNTUK Volleyball Men's team for the South Zone Inter University Volleyball Tournament hosted by S.R.M.University, Chennai from 18 to 22 December 2021.
- R. Chandrika (19485A0261) and K. Anitha (21IN021) of IV-EEE and I-EEE got selected for JNTUK Volleyball Men's team for the South Zone Inter University Volleyball Tournament hosted by S.R.M.University, Chennai from 13 to 16 December 2021.
- R. Yuvaraju (19485A0262) of III-EEE was selected for JNTUK Kabaddi Men's team for the South Zone Inter University Kabaddi Tournament hosted by Bharathiya Dasan University, Tiruchirapalli, Chennai from 23 to 27 December 2021.
- K. Tejaswaini (19485A0130) IV-CIVIL, K. Nirmagna (18481A0490), of IV-ECE, G. Harika (19481A0134) III-CIVIL and M. Durganjali (19481A0171), III-CIVIL, were selected for JNTUK Basketball Women's team for the South Zone Inter University Basketball Tournament hosted by Mahatma Gandhi University, Kottayam from 27 to 31 December 2021.
- M. Sai Lakshman (18481A0261) IV-EEE was selected for JNTUK Basketball Men's Team for the South Zone Inter University Basketball Tournament hosted by Christ University, Bangalore from 26 to 28 December 2021.
- P. Bhanu Prakash, (21EE068), I-EEE was selected for JNTUK Hockey Men's team for the South Zone Inter University Hockey Tournament hosted by Bangalore University, Bangalore from 26 to 28 December 2021.

JNTUK INTER COLLEGEATHLETICS MEET

SRGEC students received medals in JNTUK Inter Collegiate Athletics Championship Meet organized by Aditya engineering college, Surampalem, Kakinada, from 26 to 27 December 2021.

Name	Roll Number	Event	Award
Ms. R. Chandrika	19485A0261	4x400 Relay	Gold
Ms. I. Vasudha	20481A0357		
Ms. K. Anitha	21IN024		
Ms. T. Gayathri	18481A0287		
Ms. K. Anitha	21IN024	Discus Throw	Silver
Mr. G. Naresh	18481A0472		
Mr. K. Deepak Babu	19481A04A1	Javelin Throw	Silver
Ms. R. Chandrika	19485A0261	1500 meters	Bronze
Mr. N. Yesu Babu	20481A0163	5 KM	Bronze

JNTUK UNIVERSITY TEAMS COACHING CAMPS BASKET BALL UNIVERSITY TEAM COACHING CAMP (MEN's)

SRGEC organized JNTUK Basket Ball Men's team coaching camp from 21 to 28 December 2021. Twelve players representing from various affiliated colleges of JNTUK attended this coaching camp. The selected team took part in South Zone Inter University Basket Ball tournament hosted by Christ University, Bangalore from 30 December 2021 to 4 January 2022.



Basket Ball Players at the Coaching Camp

NSS ACTIVITIES

Manam Vanam

SRGEC NSS unit organized 'Manam Vanam' Programme on 7 August 2021 on the campus with the NSS volunteers who planted 20 plants. Manager of SBI Gudlavalleru was the Chief Guest of the programme.

Covid Vaccination

A covid vaccination programme was held on campus to vaccinate students, teaching and non-teaching members of the college at different spells from 10 August 2021 to 10 November 2021.

Chirudivvelu

Handicrafters of different skills such as weavers, potters, carpenters, blacksmiths, toy makers, sculptors, to interact with the first B.Tech students. This programme was organized on 8 December 2021 with a motto of making students understand the struggles the handicrafters undergo to scratch out a living. The handi-crafters were later felicitated.



Vaccination Campaign at GEC



Felicitation to employees of small scale industries

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