

## This issue

Brings you awareness about department activities done by staff and students.



## ABOUT THE INSTITUTE

Sagi Rama Krishnam Raju Engineering College, established in 1980, is a self-financed academic institution of coeducation striving to provide a high-quality technical education to engineering aspirants. Being one of the premier and well-established technical institutions in the country, it continues to render service to the nation and the world at large with its alumni holding highly prestigious positions and making a substantial contribution. It is an autonomous Institution (UGC Approved) and permanently Affiliated with Jawaharlal Nehru Technological University Kakinada (JNTUK). The college is replete with lush coconut trees spanning across a plot area of 30 acres at China Amiram, Bhimavaram, on the Bhimavaram-Vijayawada state highway and it is also well-connected to all other places by road and rail transport. Over the years, the college has established itself as a premier institution imparting technical education of a very high standard leading to the B. Tech. degrees in 11 branches of engineering, P.G degrees in 6 specializations, and 7 Ph. D. programs. S.R.K.R. Engineering College was established with a mission to develop the institution into a world-class Centre of excellence in the field of technical education that fosters research and essentials of employability and strives for pre-eminence amongst the premier institutions with high commitment to the socio-ecological well-being of the nation.

## New HOD Dr. N Udaya Kumar (01-10-2021)

After successful headship of Dr. BVSSN Raju for the past 2 years, Dr. N Udaya Kumar has taken the charge of Head of the ECE department on 1st October 2021. He completed his M Tech in 1991 from University of Delhi, and he received his PhD degree from JNTU Hyderabad in 2017. He joined in SRKR Engg college as teaching faculty on 1st October 1992. From that day, he successfully involved in many activities in the department. From December 2019 to September 2021, he has taken the charge of Dean Academics and later he appointed as HOD ECE department by the Management, SRKR Engg college.



### CHIEF EDITOR

**Dr. N. UDAYA KUMAR**  
HOD, ECE

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**Dr. G. NAGARAJU,**  
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**V. GAYATHRI, 3rd ECE**  
**U. SANTOSH KUMAR, 2nd ECE**  
**V.P.V. BRAHMA DATTA, 2nd ECE**

## Dasara Pooja (12-10-2021)

Sri Kanakadurgamma Pooja held on 12th December 2021 in ECE department on behalf of Dasara festival. With this regard pooja was conducted in traditional way in the morning and later Devi prasadam was distributed to all the faculty and students. With the effort of ECE HOD Dr. N Udaya Kumar and other faculty, the pooja was completed happily.

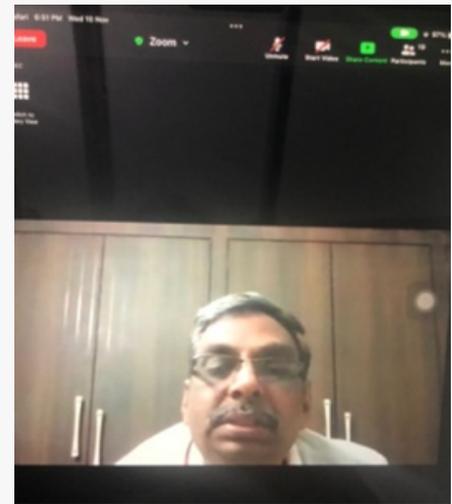


## DEPARTMENT VISION

*Envision a diverse and stimulating academic research ambience for the student community and shaping them into competent professionals in the field of Electronics and Communication Engineering and to cater to the needs of society with a keen sense of environmental consciousness.*

## Parents Online meeting

A Parents online meetings were conducted by ECE HOD Dr. N Udaya Kumar for all 2/4, 3/4 and 4/4 ECE student's Parents consecutively in successive weekends of November. In this regard, the Parents are addressed by HOD ECE. The importance of what's app Parents group is explained. The main objective of What's app group is communicated clearly. Later, Class In-charges and Class Coordinators are introduced. The Parents appreciated the thought of conducting the Parents meet. They discussed several issues for his ward. In each meeting, a total of 25 to 30 parents have joined the meeting.



## Felicitation to Retired Persons (19-11-2021)

In ECE department, Prof. KV Satyanarayana Raju, Prof. N Venkateswara Rao and Sri G. Durga Raju were retired in September 2021. A Felicitation function was arranged and hosted by ECE HOD Dr. N. Udaya Kumar for the retired persons in ECE department. Prof. KV Satyanarayana Raju worked in ECE department for the last 41 years and he is the first employer in entire SRKR Engg college. Prof. N Venkateswara Rao worked in ECE department for the last 38 years. Sri G. Durga Raju worked in ECE department for the last 39 years. Principal Prof. M. Jagapathi Raju garu attended the meeting. All the staff appreciated and thanked the retired persons for their work and support during their working days. Finally, function was completed with a great dinner.



## Doctorate from ECE

Dr. K. Bala Sindhuri of the Dept. of E.C.E. was awarded a PhD Degree by JNTUK, Kakinada for her research work titled "Low Power and Area Efficient VLSI Architecture for Reconfigurable FIR Filters". Sri S. R. K Nishant Varma, C.E.O, Sri S.V. Ranga Raju, Secretary & Correspondent, Sri. K.Jeeva Sagar, Director, Dr. M.Jagapathi Raju, Principal and Dr. N. Udaya Kumar, Head of E.C.E Department applauded her commitment and diligence. She worked under the supervision of Dr. K. Padma Vasavi, Professor & Head, ECE Dept, SVECW and Dr. I. Santi Prabha, Ex.Rector and Retd. Professor, University College of Engineering, JNTUK, Kakinada. This thesis has an application of filtering process in ECG signals. Presently this area is thirist area in ECE. We have lot of core companies also pertaining to VLSI area.



## Welcome Freshers (29-11-2021)

On behalf of first year students were entering into the SRKR Engg college, ECE department conducted one awareness program for parents and students in ECE seminar hall on 29th November 2021, in the afternoon. With this regard ECE HOD Dr. N. Udaya Kumar addressed the gathering and he explained achievements carried over by ECE department for the last 41 years. He introduced all the teaching and non-teaching faculty to the new joiners. Later with parents and students several issues are discussed.



## CRUX 2021

Event Name: CRUX-21 (Hardware Contest)

Venue: N-101

Dates: 26th – 27th, November 2021

Coordinator: Prof. D.V.R. Mohan, IETE Counsellor, Professor, Dept. of ECE

Beneficiaries: Students

Number of Participants:

From B. Tech -3by4 ECE & EEE: 181 students participated with 50 projects.

From B. Tech- 2by4 ECE: 45 students participated with 17 projects.

CRUX is a Hardware contest conducted for the students of SRKREC. ISF body members of 3rd year B.Tech. train the 1st & 2nd year students to encourage in participating in hardware contest. All the batches of students exhibit their finished projects in a common hall. This event will be conducted during evening times, for 3 or 4 days without disturbing the class work. Staff will act as judges to decide the winners. Before conducting the final CRUX event, students are given exposure to previously designed projects, soldering, electronic components, project selection etc. in Pre-CRUX.



## DEPARTMENT MISSION

- To educate the students with the state of the art technologies in Electronics and Communication Engineering to meet the ever growing challenges of the industry.
- To nurture the spirit of innovation and creativity in the faculty and students in order for them to carry out research in collaboration with research organizations and industry
- To provide ethical and value based education that promotes activities pertaining to societal needs.

## Dr. N. Udaya Kumar, HOD ECE, SRKREC was appointed as one of the members of BOS, JNTUK.

As per the official order from Director, Academics and Planning, JNTUK, Dr. N. Udaya Kumar, HOD ECE, SRKREC has been appointed as one of the Member of BOS of the JNTUK for UG programmes in the department of ECE for the next three academic years i.e., 2021-22, 2022-23, 2023-24. All the staff members of ECE department appreciated Dr. N. Udaya Kumar, HOD ECE for his achievement. SRKR Engineering College management and Principal are also conveyed their wishes and felt it as a proud moment for the department as well as for the college.



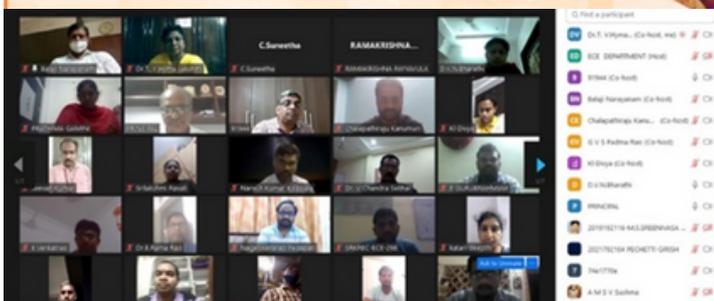
## A One Week Faculty Development Program on "Trends and Challenges in Advanced VLSI System Design"

COORDINATORS: Dr. T. V. Hyma Lakshmi, Dr. K. Bala Sindhuri, Assistant Professor

ORGANIZING COMMITTEE: Mrs. D. V. N. Bharathi, Sri K. Yugandhar, Mrs. K. Lakshmi Divya, Mrs.V. NagaValli, Assistant Professor

Resource Persons: Dr. Narayanam Balaji, Professor, Director, IQAC, JNTUK, KKD Sri. Nageswara Rao Pedapati, Manager (Semiconductors), BEL, Bangalore, Sri. Eswararao Potlathurthi, INTEL Bangalore, Sri. Srinivasarao Prudhivi, Engineering Manager, Intel Technologies Pvt Ltd, Bangalore, Sri N.Ramakrishna, Engineer Manager, Intel Technologies Pvt Ltd, Bangalore, Sri Voleti Siva Raghu Ram, Sr. Director, Western Digital, Bangalore, Sri. Rama Mohana Rao Bapanapalli, Sr. Director, INTEL, Bangalore

DESCRIPTION: A one week Faculty Development Program is organised by department of E.C.E. on TRENDS AND CHALLENGES IN ADVANCED VLSI SYSTEM Design from 21st To 26th February 2022. Dr. M. Jagapathi Raju, Principal and Patron graced the occasion. He welcomed the Chief Guest, Resource Persons, Deans, HODs, and Participants. He expressed his happiness for the 300 registrations from nearly 100 colleges and from 5 industries covering 5 States. Dr. N. Udaya Kumar, Professor & Head of the department welcomed the Principal, Chief Guest, Resource Persons, Deans, HODs, and Participants from all colleges to the program and given insights about the program. He expressed his happiness for the passion exhibited by alumni in developing the program to support their alma mater. He appreciated and congratulated all the resource persons of this FDP for their enthusiasm and Zeal towards conducting this FDP. Dr. N. Balaji, Professor in E.C.E Department, Director, IQAC, JNTUK addressed the participants about significance of the latest technologies.



## ABOUT OUR DEPARTMENT

The department of ECE was established in the year 1980 with an intake of 35 which was subsequently raised to 240 over a period of time. M. Tech course in Communication Systems was started in 2006. The department is presently offering 4-year B. Tech program in ECE, 2-year M. Tech in Communication Systems and Ph.D. program. The department has highly qualified, experienced and dedicated staff members. The department has dedicated technical and non-teaching staff members. The department has good infrastructure facilities. The department was accredited four times by National Board of Accreditation (NBA). The department has student chapters of professional bodies like IETE and college level ISTE, which conduct various student technical activities. Students of ECE participate in National level technical paper and hardware competitions being organized at various other colleges and some of them are awarded with prizes. They have been obtaining good scores in GRE, TOEFL and CAT. Students are placed in companies like TCS, Polaris, CTS, IBM, Infosys, Texas Instruments, BSNL, BEL, ISRO and DRDO. ECE department has been identified as research center by JNT University. The research center provides required facilities for carrying out research work for scholars. The department is associated with organizations like DRDO, NSTL, BEL, ISRO, BSNL, NRSA and RTTC. The department has MOUs with DS Reddy Consultancy, ETI Lab Pvt. Ltd., Salcit Technologies, Hyderabad and TCS for collaborative work and faculty improvement programs. Faculty published and presented about 512 research papers in technical journals and conferences.

## Guest lecture by Alumni (07-12-2021)

A Guest Lecture on "Semiconductor Nanotechnology and Career Guidance for Higher Education" was arranged in ECE department on 7th December, 2021 by the effort of ECE HOD Dr. N. Udaya Kumar. The speaker of this session is Dr. Sujan Kasani. He is the alumni of ECE department, SRKR Engg college, Bhimavaram. He received his Masters and PhD in Semiconductor Electronics from West Virginia University, USA. With knowledge and energy, he delivered his speech in a very attractive manner. For this session about 30 members of faculty from ECE and other departments and 60 students from all years of BTech ECE, were attended. He encouraged the participants for discussion. He answered all the queries from the participants. Finally, all are appreciated his speech and work.



## Skill Development Lab Inaugural

A new computer lab is established and inaugurated in ECE department with Rs. 1 crore expenditure on 9th December 2021. The management members Sri SV Ranga raju garu, secretary and correspondent, Sri S. Nishanth Varma, CEO and Prof. M. Jagapathi Raju garu, Principal inaugurated the computer facility Lab. On this occasion they talked about the department and lab utility. This lab having the seating capacity of 70 persons and dealt with MATLAB, Arduino and other Programming Software with 100 MBPS LAN speed. This computer lab is very useful to conduct online and off line workshops and seminars for everybody. Lab In-charge for this lab is Mr. P Krishna Kanth Varma, Assistant Professor, ECE department.



## Amazon job to Gayathri

ECE department proudly announce that our student Ms. GAYATHREE of final year ECE student (Roll No: 18B91A0449), got an internship offer from amazon with a stipend of Rs. 80,000 per month and her role is Software Development Engineer. ECE department congratulates her on account of her achievement. She said that by the support from her teachers and parents, she got a lot in achieving this. She thanked the department and the college for supporting her throughout her journey.



## Certification Course (05-12-2021)

Course Title: CCNA: Introduction to Networks

Duration of the course: 22nd may to 10th November 2021.

Coordinators: Mr. P Krishna Kanth Varma from ECE dept, Mr. K D V P K VARMA from CSE Dept.

Target Participants: ¾ ECE Students.

Certified Students: 60

The student has successfully achieved student level credential for completing course administered by the undersigned instructor. The student was able to proficiently:

Configure switches and end devices to provide access to local and remote network resources.

They are able to, configure routers to enable end-to-end connectivity between remote devices and create IPv4 and IPv6 addressing schemes and verify network connectivity between devices, explain how the upper layers of the OSI model support network applications, configure a small network with security best practices, troubleshoot connectivity in a small network.



**"THE AIM OF EDUCATION IS THE KNOWLEDGE, NOT OF FACTS, BUT OF VALUES." – WILLIAM S. BURROUGHS**



# ENCENDER-1

COORDINATOR: Dr. T. V. Hyma Lakshmi, Assistant Professor

NUMBER OF PARTICIPANTS ATTENDED: 148 ECE students

DESCRIPTION: IETE Student Forum (ISF) has conducted the event called “Encender1” to motivate the first-year students and to give guidelines regarding ISF activities, study of Engineering subjects, new technologies, higher studies, career etc. The Institution of Electronics and Telecommunication Engineers (IETE) Student coordinator Dr T.V. Hyma Lakshmi, Professors and faculty members have attended the Event.



## A One Week Online Student Development Program on “Exposure on Combinational Logic Optimization and HDL Programming”

COORDINATORS: Dr. G. NAGA RAJU, Assistant Professor, Mrs. S. SWATHI, Assistant Professor

ORGANIZERS: Sri N. KISHORE CHANDRA DEV, Assistant Professor, Sri Y. SRIRAMAM, Assistant Professor.

Beneficiaries: 2/4 ECE Students

Number of Participants: 200

ABOUT THE PROGRAM: VLSI design is the one of the core subjects for Electronics and Communication Engineering Students. This program is intended to get awareness on optimization techniques of digital logic circuits. Students get exposure on Xilinx VIVADO Design Tool. This program helps to design basic digital schematic circuits at transistor level. This program is very useful particularly for 2/4 ECE students. This program helps to carry out project work in VLSI domain. Dr. N. Udaya Kumar, Professor & Head of the department and convener for the program welcomed the Resource Persons, and Participants to the program and given insights as out the program. He expressed his happiness for the passion exhibited by in house Resource Persons in developing the sequence of objectives to support their students. He appreciated and congratulated all the coordinators and organizers of this SDP for their enthusiasm and Zeal towards conducting this SDP.



## Guest Lecture on “Internship Opportunities in Electronics and Software”.

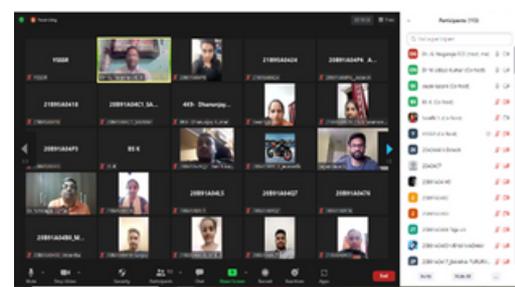
RESOURCE PERSON: Dr. SUJAN KASANI, CEO, Silicon Infotech, USA

COORDINATORS: Dr. G. NAGA RAJU, Assistant Professor, Mrs. S. SWATHI, Assistant Professor

Beneficiaries: 2/4 ECE Students

Number of Participants: 200

DESCRIPTION: Dr. Sujan Kasani, CEO, Silicon Infotech, USA has given the brief introduction of different internships offered by different companies and he analysed product-based and service-based ideologies to the students. He also gave an elaborative insight about the future after completion of bachelor degree. Later he interacted with the participants and answered their queries. He is the alumni of ECE department, SRKREC, Bhimavaram.

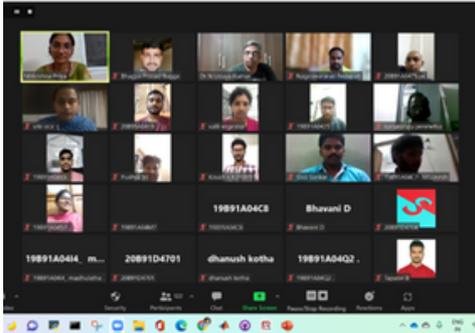


# A one week Student Development Program on, "Exposure on Fundamentals and Tools Usage for Project Implementation"



Number of Participants: 260

ABOUT THE PROGRAM: A one week Student Development Program is organised by department of Electronics and Communication Engineering (ECE) on, "Exposure on Fundamentals and Tools Usage for Project Implementation", from 21st To 25th March 2022. The program is exclusively conducted for Third year students of ECE to provide basic knowledge about project selection and various fields of research in Electronics. The program is conducted online on various topics of Machine learning, Signal processing and VLSI design. Head of the Department Dr. N. Udaya Kumar garu expressed his happiness over registrations of 262 and further extended his thanks to the alumni in developing the program to support their alma mater. He appreciated and congratulated all the resource persons of this SDP for their efforts and time in delivering knowledge to the students. Dr. Soma S Dhavala, Principal ML Scientist, Wadhvani Institute for AI has addressed the participants about the streaming fields of Electronics. Mrs. K Lakshmi Divya, Mrs. Nagavalli Vegesna, Assistant Professor are acted as Coordinators, Sri B. BHAGYA PRASAD, Mrs. D. BHAVANI, Sri B. TAPASVI, Sri. P. KANAKA RAJU, Assistant Professor are acted as Organizers for the program.



## Guest Lecture on "CAREER ASPIRATIONS and STRATEGIC PLANNING for GATE and PSUs".

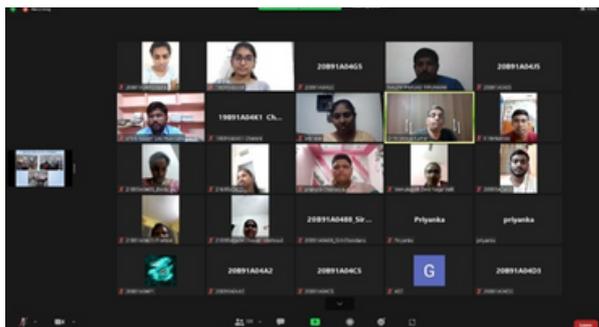


COORDINATORS: Mrs. PRATHIMA GAMINI, Mr. NALINI PRASAD.T, Assistant Professor

Beneficiaries: ECE Students

Number of Participants: 155

DESCRIPTION: A Guest Lecture is conducted by department of E.C.E. on "CAREER ASPIRATIONS and STRATEGIC PLANNING for GATE and PSUs" for 2nd ,3rd & final year Students by Mr. Anki Reddy Sai Praveen, GATE-2022 EXAM CRACKER, AIR-14 Alumnus of S.R.K.R. Engineering College (2017-2021 Batch) on 28th March 2022. ECE HOD Dr. N. Udaya Kumar, ECE Staff graced the Occasion. ECE HOD welcomed the resource person and student participants. Nearly 152 student participants attended for guest lecture from SRKR and also from some more colleges across two Telugu states. Resource Person Mr. Anki Reddy Sai Praveen first gave information about his first attempt (Got AIR-3933) not satisfied with that rank, he started preparation for second attempt (Got AIR-14) with some strategies, those strategies are explained to the students very well and also gave information about plan for preparation to the GATE exam. At the last he said that, his support will be continued to the interested students till they get good rank in GATE exam.



The IETE Team of the E.C.E. Department in SRKR Engineering college conducted the ENCENDER-2 Event on 07-04-2022 at 4:00 pm in the E.C.E. seminar hall. This Event is an orientation program for second-year students to know the real-world opportunities. The Head of the Department, Dr. N. Udaya Kumar, IETE Coordinator Dr. T.V. Hymalakshmi, addressed the gathering, followed by the PowerPoint presentations CORE METIER, CAREER IN SOFTWARE, to provide the awareness about the various opportunities in E.C.E. department. IETE EBM's Sri Vamsi, Bhanu Rekha, and Ganesh organized the event triumphantly. Based on the students' responses, the Event was motivational and very helpful to set their goals—the overall Event rating is 9.8/10. 150 students attended the program.

## ENCENDER-2



## Guest Lecture on “INTRODUCTION TO PERCEPTRON - A BUILDING BLOCK IN MODERN DEEP LEARNING”

Date: 29th April 2022

Details of the Coordinator: Smt. S. Swathi, Dept. of ECE

The resource person and his details: Dr. SOMA S DHAVALA, Principal ML Scientist, Wadhvani Institute for AI, Bangalore.

Objectives: Dr. Soma S Dhavala discussed about the importance of the field which is booming in recent years. He also suggested the application areas in which deep learning is used. and discussed about Difference between machine learning and deep learning, Deep learning and neural networks. The session was very interactive where the students posted some queries and the guest speaker clarified their doubts.

No of Participants/beneficiaries: 45 (Staff and Students)



## Guest Lecture on “DIVERSE CAREER OPTIONS”

Date: 30th April 2022

Details of the Coordinator: Smt. S. Swathi, Dept. of ECE

The resource persons and their details: Sri P. MUNIKUMAR, Wing Commander (Retd, IAF) Sr.Architect, BOSCH Global Soft. Tech, Bangalore

Objectives: Sri P. Muni kumar delivered a lecture on Career Options. Beginning with sharing his career/corporate experiences from different companies, and his life experiences, then he moved onto the topic of goal setting and career planning. Students were interacted and introduced how to set the goals and work towards achieving desired career in near future.

No of Participants/beneficiaries: 45 (Staff and Students)



## Felicitation of Alumnus, ECE for their Great Achievements.

Date: 15th July 2022

Details of the Recipients:

(a) Mr. John Irwin Palaparathi, Immigration Officer, Cochin International Airport, Cochin. And also, he, who bagged the Deputy Collector position in APPSC -2019 and he is the alumnus of ECE, S.R.K.R.E.C. (2005-2009).

(b) Nandipati Premanvitha, she, who bagged the MPDO position in APPSC -2019 and she is the alumnus of ECE, S.R.K.R.E.C.(2005-2009).

Felicitation: Done by Secretary and Correspondent Sri SRK Nishanth Varma garru.

Attendees: Vice President: Sri SV Rangaraju garu, Principal: Dr. M. Jagapathi Raju garu, ECE HOD: Dr. N. Udaya Kumar garu, and other 10 faculty members.



# TRANCE-2022 (A National Level Student Technical Symposium)

Date: 7th May 2022

Program Convener: Dr. N. Udaya Kumar, Head, Dept of ECE

Co-Convener: Sri G. V. S. Padma Rao, Professor, Dept of ECE

Faculty Co-Ordinators: Mrs. G. Prathima, Sri. B. Sanjay, Mrs. D. V. N. Bharathi, Assistant Professor, Dept of ECE

Program details: The symposium included six main events: Viz. Techno geek (coding skills contest), Revelant (poster presentation), Art Gallery (Art work & Collections), Nexus (Hardware expo & design), Conception (Quiz), Exposition (PPTs).

Objective of the Program: A National Level Technical Symposium "TRANCE-2022" was successfully conducted in the ECE department for engineering students on 7th May 2022. The objective of this symposium was to bring the students of various streams from different institutes onto a common platform to interact and share their innovative ideas, knowledge and to highlight new concepts in a variety of technologies.

No of Participants/beneficiaries: More than 140 students from various colleges have participated in this symposium



## Guest Lecture on "Career Development and usage of IDEA Lab".

Date: 7th May 2022

Details of the Coordinator: Smt. G. Prathima, Dept. of ECE

The resource persons and their details: Sri N. Hari Krishna Head, Strategy and Planning Department, GMR International Airport, Hyderabad

Objectives: Sri N.Hari Krishna started his talk by introducing himself and emphasized on the importance of right mix of knowledge, attitude and additional skills for a successful career. He focused on the career opportunities in various allied domains of engineering. He stressed on the presence of competition in the outside world and how the young architects need to be prepared for various challenges. The session was very interactive and students participated very enthusiastically.

No of Participants/beneficiaries: 107 (Staff and Students)



# Guest Lecture On “Digital Technologies for Older Persons and Healthy Ageing”

Date: 17th May 2022

Details of the Coordinator: Smt. G. Prathima, Dept. of ECE

The resource persons and their details: Sri.T.N.V.Mani Kumar, Sub Divisional Engineer (Enterprise Business), Bharat Sanchar Nigam Limited, Tanuku.

Objectives: Sri T.N.V.Mani Kumar started his talk by introducing himself. He has taken session on technical aspects, recent trends and global insights of Telecommunication. The talk provided the students a platform for sharing their thoughts and was endowed with proper guidance regarding all the aspects of career in the fields of telecommunication.

No of Participants/beneficiaries: 76 students of B.Tech first year ECE and 20 faculty members



# “Food and Stationary Distribution at Children’s Home”

Date: 8th June 2022

Details of the Coordinator: Smt. V. Nagavalli, Smt. K Lakshmi Divya, Dept. of ECE

Objectives: Food and Study related stationary distribution at Emmanuel Children’s home

No of Participants/beneficiaries: 30 Students



# MSME Innovation Scheme - 2022

Name of the Project: "Drones in Disaster Management"

Date: 2nd July 2022

MSME (Micro, Small & Medium Enterprises) Project Internal Guide (Mentor): Dr. N. Udaya Kumar/ HOD, Department of ECE, SRKR Engineering College, Bhimavaram.

Presentation By: - Bh. V N S S S R Maheedhar, B. T S N S Vivek, B. Sri Vamsi, D. Jayaram Ganesh, D. Eureka Varma  
¼ ECE, SRKREC

Objectives: Coming together is a beginning, staying together is progress, and working together is success. The student's idea form Department of ECE was selected and approved for funding under incubation scheme through "MSME innovation scheme 2022". The team of five students Bh V N S S S R Maheedhar, B. T S N S Vivek, B. Sri Vamsi, D. Jayaram Ganesh and D. Eureka Varma - under the guidance and mentorship of Prof. Dr. N Udaya Kumar (HOD of ECE department), the team is going to develop "Drone in Disaster Management". The idea got a funding of 8 Lakhs to develop the project.



## Guest Lecture On "Career Guidance for Group Services"

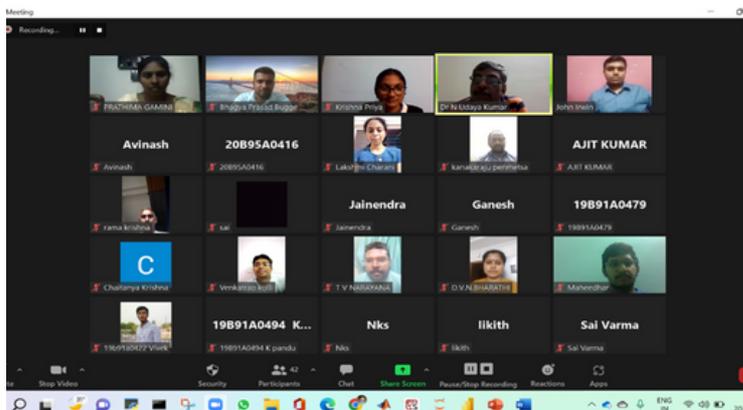
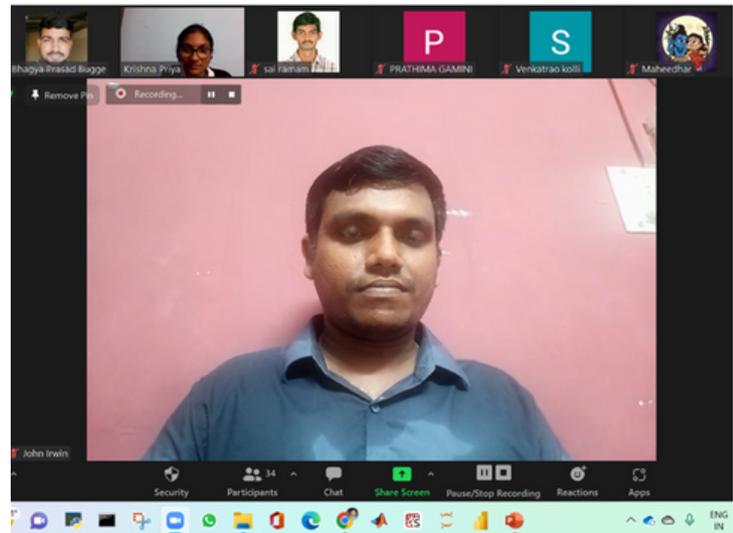
Date: 20th July 2022

Details of the Coordinator: Mr. B Bhagya Prasad, Assistant Professor, Dept. of ECE

The resource persons and their details: Mr. John Irwin Palaparathi, Immigration Officer, Cochin International Airport, Cochin. And also, he, who bagged the Deputy Collector position in APPSC -2019 and he is the alumnus of ECE, S.R.K.R. Engineering College (2005-2009).

Objectives: The Resource person Sri. Mr. John Irwin Palaparathi has taken session on guiding students on Civil and Group services as career option. He gave brief information regarding Civil and Group services preparation with inspiring lecture.

No of Participants/beneficiaries: 44 students of B. Tech ECE and 10 faculty members



# Certification Course, Course Title: "CCNA: Introduction to Networks"

Course duration: 23rd February 2022 to 31st July 2022

Details of the Coordinators: Mr. P Krishna Kanth Varma from ECE dept, Mr. K D V P K VARMA from CSE Dept.

Outcome of the course: The students have successfully achieved student level credential for completing course administered by the instructors. The students were able to proficiently:

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.
- Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices.
- Explain how the upper layers of the OSI model support network applications.
- Configure a small network with security best practices.
- Troubleshoot connectivity in a small network.

No of Certified Students: 56 (¾ ECE Students)

## MOU with SALCIT Technologies Pvt. Ltd, Hyderabad.

Date: 11th Aug 2022

The resource person and his details: SVN Narayana Rao, CEO, SALCIT Technologies Pvt. Ltd, Hyderabad.

Objective of the MOU: Mutual Research and Consultancy on Healthcare Solutions. In this work, audio signal pre-processing and the metric evaluation of various parameters is carried out.

Attendees: Vice President: Sri SV Rangaraju garu, Principal: Dr. M. Jagapathi Raju garu, Dean R&D Dean: Dr. PARK Raju garu, ECE HOD: Dr. N. Udaya Kumar garu, ECE Faculty: Dr. K. Bala Sindhuri, Sri K. Venkata Rao.



## Distribution of Academic Prizes

Date: 13th August 2022

Details of the Coordinator: Dr. N. Udaya Kumar, HOD, Dept. of ECE

The Batches who received the prizes: 18-19, 19-20, 20-21 Batches

About Program: Due to Corona, the program of distribution of Academic prizes for 18-19, 19-20, 20-21 Batches was not conducted. From the initiation of management, SRKREC, that program was conducted on 13th Aug 2022 and gone successful. At the end of the program, Prize winners interacted with the students.

No of Attendees: 50 (Staff, Students and Parents)







