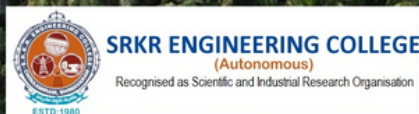


## This issue

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.

## An Industrial tour visit to Bangalore, Karnataka

**Date:** July 18th to July 21st, 2023.

**Visitors from SRKREC:** Along with Dr. N. Uday Kumar, Head of the ECE Department, three faculty members and VLSI honor students.

### Program Schedule:

**18th** - Visited Intel Technology India Pvt.Ltd-SRR3, SRR4 Bengaluru, Karnataka. It is one of the world's foremost semiconductor manufacturers. Met our alumni Mr N. Ramakrishna, Mr Subrahmanya Kumar, Mr Rammohanrao, Mr Prudhvi Srinivas and they have taken care in all aspects. The tour aims to foster a deeper understanding of the semiconductor industry's significance in modern technology and its impact on various sectors.

**19th** - Visited U R Rao Satellite Centre (URSC), Bengaluru. UR Rao Satellite Centre is the lead centre of the Indian Space Research Organisation (ISRO) responsible for the design, development, assembly and integration of communication, navigation, remote sensing, scientific and small satellite missions. Guided by alumna Mrs Harika, we explored ISRO's Clean Lab, witnessing meticulous satellite integration and learning about protocols ensuring precision. Her passion for space, detailed insights, and a comparison between Chandrayaan-2 and -3 left us inspired, and proud of our college's alumni shaping space research's future.

### CHIEF EDITOR

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

### SUB EDITORS

**Sri M. VIJAYA RAMARAJU,**  
**Dr. G. NAGARAJU,**  
**Smt. K.L. DIVYA**

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**V. GAYATHRI, 4th ECE**  
**U. SANTOSH KUMAR, 3rd ECE**  
**V.P.V. BRAHMA DATTA, 3rd ECE**

**20th** - Visited Heritage Centre and Aerospace (HAL) MUSEUM, Bengaluru. HAL Aerospace Museum is India's first aerospace museum located at Hindustan Aeronautics Limited premises, in Bangalore, established in 2001. The museum houses display of various aircraft and helicopters, Aircraft engine models, Flight simulators, a mock Air Traffic Control Tower and exhibit of Indian aviation history.

**21st** – Visited Indian Institute of Science -Electrical Communication Engineering (IISC-ECE) Labs. Visited to IISC and explored Quantum Electronics Lab, Visual Recognition Lab, Wicom Lab, Numerics of Integrated Circuits and Electromagnetics (NICE) Lab, Analog and RF System Lab, Signal Processing Lab, Next Generation Lab, Wireless Information System Lab, Code Design Analysis Lab, Embedded Sensing, Communications and Processing Lab, CeNSE houses a state-of-the art national nanofabrication centre (NNfC), micro nano characterization facility, Clean room, CENTRAL FOR PRODUCT DESIGN AND MANUFACTURING. Our alumni Mr Santhosh, Mr Uday, Mr Dinesh, Miss Varalakshmi Were with us and helped to explore the IISC labs.

## 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.*



## Participated in the finals of KAVACH 2023

**Dates:** August 8th,9th 2023.

**Details of the Organizers:** KAVACH 2023, a national wide Cybersecurity Hackathon competition jointly organized by MoE's Innovation Cell, AICTE along with Bureau of Police Research and Development (BPR&D) (MHA) and Indian Cybercrime Coordination Centre (I4C) (MHA).

**Participated Team:**

**Mentors:**

- P Krishna Kanth Varma, Assistant Professor, ECE, Dr. Suresh Mudunuri, Professor, IT Department

**Team Members:**

- S Dheeraj, ECE, Team Lead, R R K S Satwik, ECE, K Leela Sai Pavan, CSE, P Saisankar, ECE, R Gnana Prasanna, ECE, S Pavani Latha, ECE

**Objectives:** S.R.K.R. Engineering College team “The Militants” comprising of six students and two mentors have participated in the finals of KAVACH 2023, a national wide Cybersecurity Hackathon competition jointly organized by MoE's Innovation Cell, AICTE along with Bureau of Police Research and Development (BPR&D) (MHA) and Indian Cybercrime Coordination Centre (I4C) (MHA). A total of 3900 teams competed for 20 problem statements, out of which 106 teams were shortlisted for the finals conducted at 5 nodal centres on August 8th,9th 2023. Team “The Militants” is one of the 5 finalists participated at nodal centre AMC Engineering College, Bengaluru for the problem statement “Mesh Network App Detection”.



# OPPORTUNITIES IN VLSI DESIGN AND ROAD AHEAD

**Date:** 18th Aug 2023.

**Objectives:** The Center of Excellence in VLSI Design organized a guest lecture on "Opportunities in VLSI Design and Road Ahead" held on 18-08-2023 at 3:30pm Dr. Avinash Yadlapati, Senior Manager, Intel Penang, Malaysia takes over the session regarding. He gave an overview about opportunities and job roles in VLSI that are having after B. Tech. The session was very interactive, and students and students participated with very enthusiasm. A total of 60 students of 4/4 and 3/4 and faculty have attended the lecture.



## 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.

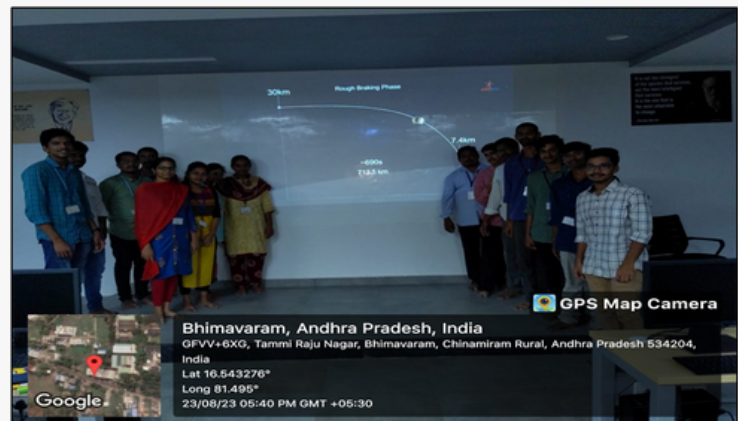
# CHANDRAYAAN-3 LIVE TELECAST

**Date:** Aug 23rd, 2023.

**Details of the Organizers:** IETE, student body chapter of ECE Department

**Objectives:** Chandrayaan3 Lander Module "Vikram" of the Indian Space Research Organisation's (ISRO) third lunar mission Chandrayaan-3, launched on July 14, made a successful landing on the Moon's surface on August 23 at 6.04pm IST. It was live telecasted in the skills development lab of ECE Department of Sagi Ramakrishnam Raju Engineering College. The student body chapter of ECE Department, IETE organised this telecast in the ECE Department with the cooperation of esteemed Head of the Department Dr. N. Uday Kumar garu and staff members.

Everyone gathered in the skills development lab to watch the excited moments of soft landing of Chandrayaan-3 mission on the moon surface by 5:10pm. Everybody enjoyed the live telecast and felt proud of the consistent efforts of ISRO to land on the southern part of the Moon. We are very glad for this milestone which recreated the Indian history. We wish the best results through this chandrayaan-3 mission. A total of 45 faculty and students have attended the program.



# DASARA POOJA (18-10-2023)

Sri Kanakadurgamma Pooja held on 18th October 2023 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.



## A ONE WEEK FDP ON "DESIGN CHALLENGES AND OPPORTUNITIES IN VLSI"

The Center of Excellence in VLSI Design has associated with I.S.T.E organized a One Week Faculty Development Program on "Design Challenges and Opportunities in VLSI" during 9th October to 13th October 2023, to promote research and development endeavours to address issues with cutting-edge VLSI (Chip) logic design and make in India initiatives and to encourage Make in India and Digital India by providing exposure and in-depth knowledge of the concepts, challenges and opportunities for research in VLSI design, experts from industry and engineering colleges acted as resource persons.

The inaugural session of the "Challenges and Opportunities in VLSI" event took place on 9th October 2023 in Hybrid mode. The session marked the commencement of an event dedicated to exploring the complex and dynamic landscape of Very Large-Scale Integration (VLSI) Technology. The session was attended by a diverse group of participants, including researchers, faculty and industry professionals.

The event began with a warm welcome note from Dr. N. Udaya Kumar, Professor and Head who emphasized the significance of the VLSI field. A total of 40 faculty and students have attended the program.

**Day1:** Mr. Nageswararao Pedapati had graduated from SRKR Engineering college in the year 2005, currently working as Manager for Bharat Electronics Limited, Bangalore. He delivered a wonderful lecture on "VLSI Collaboration with AI/ML".

**Day2:** Dr. K. Padma Vasavi is Professor and Head of the Department, Department of Electronics and Communication Engineering, Dean of Assistive Technology at Shri Vishnu Engineering College for Women. She given a lecture on "VLSI Architecture on Deep Learning".

**Day3:** Dr. N. Balaji, presently, he is working as Director of Internal Quality Assurance Cell, JNTUK, Kakinada. He delivered a lecture on "VLSI Implementation of AI Processor for Biomedical Signal Processing".

**Day4:** Dr. T. Rajani is working as an Assistant Professor at VNR Vignana Jyothi Institute of Engineering and Technology (VNRVJIET), Hyderabad. She taken a session on "Nano Technology in VLSI - A Bird's View".

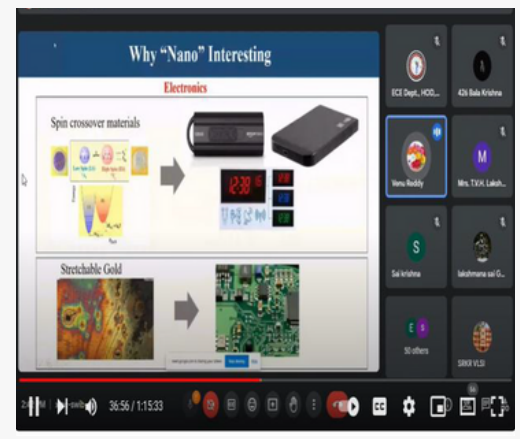
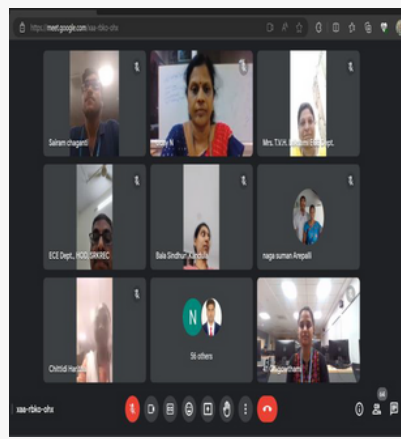
**Day5:** Dr. Venu Reddy, Professor in Department of Chemistry, S.R.K.R. Engineering College, Bhimavaram, also Dean to IQAC, S.R.K.R. Engineering College and as a Head for Nanotechnology Research, S.R.K.R. Engineering College. He delivered a lecture on the "Concept of Nanotechnology and its Applications".

Finally, Participants gained a deeper understanding of VLSI design, from fundamentals to advanced concepts.

- The FDP provided a platform for interdisciplinary knowledge sharing, promoting innovation and collaboration.
- Guest speaker and Resource Persons shed light on the current state and future trends in VLSI design.
- The event facilitated networking and future research collaborations among participants.

## 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.



## ENCENDER-2

Team IETE of ECE Department in SRKR Engineering college conducted ENCENDER-2 event on 10-11-2023, at 3:00PM in ECE seminar hall. The event is mainly for second years to make them to know the real world opportunities. The event started at 3:15PM. The Head Of the Department Dr.N.Udaya kumar, IETE Advisor Dr.T.V.Hymalakshmi were the honourable guests of the day. The Respected HOD and IETE Advisor addressed the gathering.

Two Executive Board Members (EBMs) stole the spotlight with the much-anticipated "CORE METIER" presentation. Their insightful exposition illuminated diverse opportunities within the core sector, sparking awareness and curiosity among students. The engaging presentation offered a deeper understanding of potential pathways, leaving an indelible mark and fostering eagerness to explore the promising avenues within the core industry.

The "CAREER IN SOFTWARE" presentation by two EBMs at IETE transformed students' perspectives on the dynamic software realm. It highlighted diverse opportunities for Electronics and Communication Engineering (ECE) graduates in telecom, embedded systems, electronics manufacturing, and IT. The presentation underscored the pivotal role ECE professionals play in shaping the future, whether designing communication systems, innovative devices, or contributing to the growing field of IoT. It hinted at the wide array of possibilities awaiting ECE graduates in

The "Exploring Career Opportunities After ECE" presentation by two EBMs at IETE was truly transformative for students, broadening their horizons beyond traditional career paths. This enlightening session explored diverse paths for Electronics and Communication Engineering (ECE) professionals, revealing opportunities beyond core industry roles. ECE graduates discovered avenues in competitive exams like GATE and UPSC, leading to research, public services, and academia. The presentation highlighted alternative career trajectories, emphasizing the adaptability of ECE qualifications across various industries and esteemed examinations.

The first fun round Get ready for the cinematic thrill of "Movie Maze"! With a mere 5 seconds to decode each movie name, participants face a pulse-pounding challenge that combines movie knowledge with a race against the clock.

The Second fun round "Guess the Dialogue"! Brace yourselves for a laughter-filled challenge as participants unravel the humor behind displayed memes by guessing the dialogue. It's a test of wit and quick thinking. The room is set to be filled with contagious laughter as participants compete to match the right words to those clever visuals. Get ready for a round of infectious fun and meme mastery!

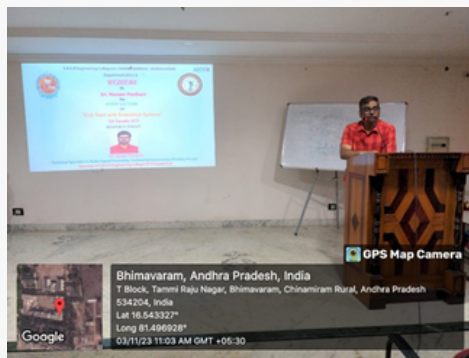
Our senior members of the IETE body took the initiative to interact with juniors, addressing their doubts after the ECE. Providing motivation to students creates a positive learning environment and fosters a sense of community within the academic setting. This kind of support can contribute significantly to the overall growth and well-being of students.

The event was concluded with a thanking note by Organizers of ENCENDER-2 Event.



# A Guest Lecture on the theme "Kick-Start with Embedded Systems"

A Guest Lecture was conducted in S.R.K.R Engineering College on the theme "Kick-Start with Embedded Systems" which is organized by the Department of Electronics and Communication Engineering. The guest lecture was delivered by Mr. Naveen Peethani, Technical Specialist in Radar Signal Processing, Continental Autonomous Pvt. Ltd. Alumnus of SRKREC 2019 Batch. The program was conducted on 03/11/2023 at 11.00Am in the ECE Seminar Hall. Dr. N. Udaya Kumar, Head of ECE Department has given opening remarks about the session. He addressed the students about the theme of the program. Along with the students some of ECE faculty members graced the function. Sri. N. Kishore Chandra Dev, Assistant Professor of ECE Department and Sri. K. Chalapathi Raju acted as event coordinators. G.S.S.S. Sriram of  $\frac{3}{4}$  B. Tech ECE and K. Sujatha of  $\frac{3}{4}$  B. Tech ECE acted as Student coordinators. The program has been hosted by Ch. Sairam of  $\frac{3}{4}$  B. Tech ECE and K. Sujatha of  $\frac{3}{4}$  B. Tech ECE has introduced the Resource Person. The Resource person Mr. Naveen Peethani explored on Opportunities in Electronics Engineering, Job roles in Electronics, Competitive High salaries in Electronics, During the workshop, the resource person provided valuable insights into kickstarting a career in embedded systems and highlighted the numerous opportunities available in this field. Participants gained a clear understanding of the fundamentals and potential job prospects associated with embedded systems, making it an informative and inspiring session for all attendees. A total of 98 number of ECE students from Second and Third years and few faculty members have attended the lecture. Finally, the program was closed with vote of thanks proposed by K. Chandana of  $\frac{3}{4}$  B. Tech ECE.



# A Guest Lecture on the theme "Diving into VLSI Design"

A Guest Lecture was conducted in S.R.K.R Engineering College on the theme "Diving into VLSI Design" which is organized by the Department of Electronics and Communication Engineering. The guest lecture was delivered by Mr. T. Naga Subrahmanayam, Digital Design Engineer, Texas Instruments, Bangalore, Alumnus of SRKREC 2019 Batch. The program was conducted on 03/11/2023 at 3.30pm in the ECE Seminar Hall. Dr. N. Udaya Kumar, Head of ECE Department has given opening remarks about the session. He addressed the students about the theme of the program. Along with the students some of ECE faculty members graced the function.

Sri. T. Nalini Prasad, Assistant Professor of ECE Department and Sri. Y.S.S. SriRamam acted as event coordinators. K. Pavani of  $\frac{3}{4}$  B. Tech ECE and K. Chandana of  $\frac{3}{4}$  B. Tech ECE acted as Student coordinators. The program has been hosted by Ch. Sairam of  $\frac{3}{4}$  B. Tech ECE and K. Sujatha of  $\frac{3}{4}$  B. Tech ECE has introduced the Resource Person. The Resource person Mr. T. Naga Subrahmanayam explored on Opportunities in Electronics Engineering, Job roles in Electronics, Competitive High salaries in Electronics, During the informative session, the resource person provided a comprehensive overview of diving into VLSI design and highlighted the abundant opportunities it presents in the job market. Attendees gained valuable insights into the exciting field of VLSI design and its relevance in today's technology-driven world, including the numerous career prospects it offers. A total of 104 number of ECE students from Second and Third years and few faculty members have attended the lecture. Finally, the program was closed with vote of thanks proposed by K.Chandana of  $\frac{3}{4}$  B. Tech ECE.



# Preparations for the NBA Visit

- The arrangements for NBA visit are being done at T-108 and T-404 in full fledge with specifically dedicated for the preparations of project Expo and Criteria files.
- The students are guided over their project fabrications and various prototype models are being built for display during the visit from 15th to 17th December 2023.
- T-108 has been the base for faculty discussions and filing of several Criteria related files that are to be presented to the expert team during the period of visit.
- Students are showing active participation in building working models to exhibit them to the team.
- Moreover, faculty have also showed extreme efforts to showcase their work in a more presentable way.



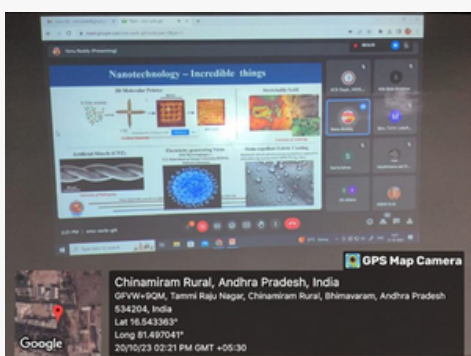
## A One-Week SDP on "DESIGN CHALLENGES AND OPPORTUNITIES IN VLSI"

A One-Week Student Development Program is organized by department of Electronics and Communication Engineering (ECE) on, "Design Challenges and Opportunities in VLSI", from 16th to 20th October 2023. The program is conducted for 3/4 & 4/4 B. Tech ECE students to provide basic knowledge about the various fields of research in VLSI. The program is conducted in Hybrid mode on various topics of AI/ML, Deep Learning, Bio Medical Signal Processing, Nano Technology for VLSI design. The Speakers are eminent in the field of VLSI.

Number of participants: 83

The Center of Excellence in VLSI Design has organized a One Week Student Development Program on "Design Challenges and Opportunities in VLSI" during 16th October to 20th October 2023, to promote research and development endeavours to address issues with cutting-edge VLSI (Chip) logic design and to exposure in-depth knowledge of the concepts, challenges and opportunities for research in VLSI design, experts from industry and engineering colleges acted as resource persons.

The inaugural session of the "Design Challenges and Opportunities in VLSI" event took place on 16th October 2023. The session was attended by a diverse group of participants, including researchers.



# Doctorate from ECE

Mrs Nagavalli Vegesna, Assistant Professor in Dept of ECE, SRKREC, qualified for the award of the Degree of Doctor of Philosophy (Ph. D) in Electronics and Communication Engineering from the Faculty of Engineering of Annamalai University, State University, Tamil Nadu, under the supervision of Dr. G Yamuna, Professor, Department of ECE, Annamalai University and Dr, T Sudheer Kumar, Associate Professor, Shri Vishnu Engineering College for Women, M. Tech from Aditya Engineering College, JNTU Kakinada. Her Ph. D thesis entitled "Investigations on Array Pattern Synthesis and Flexible Microstrip Antenna Design for Multiband Applications". In this thesis, an investigation is thoroughly done for beam forming techniques to obtain narrow beams with low sidelobes, reduced close-in side lobes and sector beams. To realize these, the state of the art algorithms Firefly, Enhanced Flower Pollination, Rao and Jaya algorithms are used for the design of several types of Arrays. A novel and compact flexible microstrip patch array antenna has been designed and fabricated with polyimide material. The radiation characteristics of the design has been measured and obtained the multiband characteristics with gain of 8.8 dB at 22 GHz, 13 dB at 28 GHz and 14.2 dB at 32 GHz. The antenna is flexible and conformal with respect to the host surface which can be used in 5G communications.



## యాంటీనాలపై పరిశోధన చేసిన నాగవల్లికి పిహెచ్ డి ప్రధానం



భీమవరం ఆక్టోబర్ 25 వచ్చి ఘోష ప్రసాది

ప్రకృతి సహజ నిర్మమైన మెటా మార్ఫింగ్ బిస్ట్రీట్ ఉపయోగించి అల్పరిధం ద్వారా యాంటీనా దిస్తే కిటి అన్వేషణకు కు ఎంతగానో అనుకూలం ఉంటుంది ఎన్ ఆర్ కే ఆర్ ఇంజనీరింగ్ కళాశాల ఊటీలో విభాగం అధ్యక్షుల డాక్టర్ వేణ్కటేశ్వర్ వాగవల్లి చేసిన పరిశోధనకు గాను అనుమతి విశ్వవిద్యాలయం ఊటీలో విభాగంలో పీహెచ్ డి ప్రధానం చేసినందుకు కళాశాల ప్రెసిడెంట్ డాక్టర్ కె.వి మురళి కృష్ణారావు చెప్పారు. ఈ సందర్భంగా నాగవల్లి కళాశాల సెక్రటరీ అండ్ కరస్పాండెంట్ సాగి రామకృష్ణ నిషాంత్ వర్మ యాజమాన్యం తరఫున ఘనంగా సత్కరించారు. ఈ సందర్భంగా కళాశాల డైరెక్టర్ డాక్టర్ ఎం జగదీశ్ రావు మాట్లాడుతూ ఇంజనీరింగ్ కళాశాలలో యువ అధ్యాపకులు పెద్ద సంఖ్యలో పీహెచ్ డి చేయటం అభినందనీయమన్నారు. నూతన విశ్వాసానికి అనుగుణంగా వస్తున్న మార్పులతో పాస్టేజీకి మించినా ఉపయోగపడే విధంగా పరిశోధనలు చేసిన నాగవల్లిని ఆయన అభినందించారు. ఈ సందర్భంగా డాక్టర్ నాగవల్లి మాట్లాడుతూ అనుమతి విశ్వవిద్యాలయం ఊటీలో విభాగం ప్రాధాన్యం రీ ఆయననా, శ్రీ విష్ణు మహాలా ఇంజనీరింగ్ కళాశాల ఆసోసియేట్ ప్రొఫెసర్ డాక్టర్ డి సుధీర్ కుమార్ ల పర్యవేక్షణలో తాను అందించిన పరిశోధనలకు గాను యూనివర్సిటీ పీహెచ్ డి ప్రధానం చేసినందుకు. ఈ సందర్భంగా జరిగిన కార్యక్రమంలో ఊటీలో డిప్యూటీ డి. డాక్టర్ ఎన్ ఉదయ్ కుమార్ తదితరులు పాల్గొన్నారు. నాగవల్లిని ఊటీలో డిప్యూటీ స్టాఫ్ అండ్ స్టాఫ్ అభినందించారు.

## ASSISTANT PROFESSOR OF SRKR RECEIVES PH.D

MV SYAM SUNDAR BHIMAVARAM

NAGAVALLI Vegesna, Assistant Professor in the department of Electronics and Communication Engineering received Ph.D from Annamalai University, said college Principal Dr KV Murakrishnam Raju on Wednesday.



Speaking on the occasion, Dr Nagavalli said that she worked on "Investigations on array pattern synthesis and Flexible Micro strip antenna design for multi-banded applications" under the guidance of Annamalai University ECE professor Dr G Yamuna and Sri Vishnu Engineering College for Women, ECE Assistant Professor Dr T Sudheer Kumar. She added that synthesis of array antenna using nature inspired meta heuristic algorithms are used to obtain beam forming techniques

with reduced side lobe levels and close inside lobes in this proposed banded antenna is suitable for 5G Applications. The college Secretary and correspondent Sagi Rama Krishna Nishant Varma felicitating Dr Nagavalli for receiving Ph.D from Annamalai University, College Director Dr M Jagapati Ratu and ECE Head of the department Dr N Uday Kumar participated in the programme.

## యాంటీనాలపై పరిశోధన చేసిన నాగవల్లికి పిహెచ్ డి ప్రధానం

భీమవరం, (సోనియో) దావం న్యూస్) : ప్రకృతి సహజ నిర్మమైన మెటా మార్ఫింగ్ బిస్ట్రీట్ ఉపయోగించి అల్పరిధం ద్వారా యాంటీనా రూపొందిస్తే కిటి అన్వేషణకు ఎంతగానో అనుకూలం ఉంటుంది ఎన్ ఆర్ కే ఆర్ ఇంజనీరింగ్ కళాశాల ఊటీలో విభాగం అధ్యక్షుల డాక్టర్ వేణ్కటేశ్వర్ వాగవల్లి చేసిన పరిశోధనకు గాను అనుమతి విశ్వవిద్యాలయం ఊటీలో విభాగంలో పీహెచ్ డి ప్రధానం చేసినందుకు కళాశాల ప్రెసిడెంట్ డాక్టర్ కె.వి మురళి కృష్ణారావు చెప్పారు. ఈ సందర్భంగా నాగవల్లి కళాశాల సెక్రటరీ అండ్ కరస్పాండెంట్ సాగి రామకృష్ణ నిషాంత్ వ యాజమాన్యం తరఫున ఘనంగా సత్కరించారు. ఈ సందర్భంగా కళాశాల డైరెక్టర్ డాక్టర్ ఎం జగదీశ్ రావు మాట్లాడుతూ ఇంజనీరింగ్ కళాశాలలో యువ అధ్యాపకులు పెద్ద సంఖ్యలో పీహెచ్ డి చేయటం అభినందనీయమన్నారు. నూతన విశ్వాసానికి అనుగుణంగా వస్తున్న మార్పులతో పాస్టేజీకి మించినా ఉపయోగపడే విధంగా పరిశోధనలు చేసిన నాగవల్లిని ఆయన అభినందించారు. ఈ సందర్భంగా డాక్టర్ నాగవల్లి మాట్లాడుతూ అనుమతి విశ్వవిద్యాలయం ఊటీలో విభాగం ప్రాధాన్యం రీ ఆయననా, శ్రీ విష్ణు మహాలా ఇంజనీరింగ్ కళాశాల ఆసోసియేట్ ప్రొఫెసర్ డాక్టర్ డి సుధీర్ కుమార్ ల పర్యవేక్షణలో తాను అందించిన పరిశోధనలకు గాను యూనివర్సిటీ పీహెచ్ డి ప్రధానం చేసినందుకు. ఈ సందర్భంగా జరిగిన కార్యక్రమంలో ఊటీలో డిప్యూటీ డి. డాక్టర్ ఎన్ ఉదయ్ కుమార్ తదితరులు పాల్గొన్నారు. నాగవల్లిని ఊటీలో డిప్యూటీ స్టాఫ్ అండ్ స్టాఫ్ అభినందించారు.



THE FUTURE BELONGS TO THOSE WHO BELIEVE IN THE BEAUTY OF THEIR DREAMS