



E-BRAINS

VOLUME-1



* **NEWSLETTER** *

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**JULY-DEC
2018**

VISION OF THE DEPARTMENT

To produce technically competent Electronics & Communication Engineers with a motive to meet the needs of the industry and evolving society through advanced research, professional ethics and lifelong learning.

MISSION OF THE DEPARTMENT

- To enrich the technical skills of the students through effective teaching-learning practices, continuous assessment methods and eminent faculty.
- To continuously enhance creative thinking, research ability and innovative skills of students through training on core and multidisciplinary technologies and skill enhancement programs.
- To inculcate leadership qualities, ethics, social responsibility and gratitude through outreach programs.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- PEO_1: Attain the global and local opportunities and reach greater heights in their chosen profession by demonstrating technical expertise.
- PEO_2: Gain recognition by exhibiting problem solving expertise for addressing significant problems of industry and society.
- PEO_3: Become good leaders with ethics and support, contribute and encourage diversity and inclusiveness in their workplace and society

PROGRAM SPECIFIC OUTCOMES (PSOS)

- PSO_1: Responsive to ideas: Apply the knowledge on core Electronics and Communication Engineering in order to develop skills to analyze, design and develop innovative solutions for the real world problems.
- PSO_2: Domain Expertise: To develop interpersonal skills to demonstrate proficiency using the latest hardware and software solutions by maintaining professional and societal responsibilities.

JULY-2018

CAREER GUIDANCE PROGRAMME



Career Guidance program on “Civil Services” was organized on 09.07.2018, by Mr. B. Manjunath, Director, Narayana IAS Academy, Hyderabad.



CIRCUIT CLUB INAUGURATION



INDUSTRIAL VISIT TO NIPPO



- Industrial Visit to Nippo Batteries, Tada by III ECE students on 28.07.2018.
- The visit was arranged to give students a glimpse into the core industrial life beyond academics and to bridge the gap between academics and corporate for the successful transition of students into capable employees

- The department has inaugurated “Circuit Club” on 28-07-2018 with an objective to cater various needs to keep students in pace with evolving field of electronics.
- It aims to teach and help students understand the seemingly incomprehensible electronic gadgets in the world today, and also assists students in developing their own devices
- Event Resource Person Details: Mr. D. Hari Krishna, Divisional Engineer, BSNL Kavali.



BRIDGE COURSES



MATLAB Programming guest lecture to II ECE By Mr.B.Sukumar, Assoc.Prof, ECE, on 06-07-2018



MEMS & Microsystems guest lecture by Dr.P. Sreenivasulu to III ECE students on 11-07-2018



Guest lecture on Embedded Systems by Mr.M. Veeraiah, Assoc. Prof, dept. Of ECE to IV ECE students on 10-07-2018



ANTI-RAGGING



Anti-ragging awareness program on 27-07-2018 in association with II-Town Police station, Gudur.



WEBINAR ON “RTL DESIGN AND FUNCTIONAL VERIFICATION”



- Webinar on “RTL Design and Functional Verification” has been conducted on 13-07-2018 in association with Maven Silicon Softech Pvt Ltd., Bangalore.



- The webinar covered overview about VLSI Design, RTL design-HDL's, Functional verification.
- Also focussed on Indian Semiconductor industries present, the job opportunities offered in the VLSI designing and how to get trained in VLSI etc.

GATE PROGRAMME



- GATE-2019 awareness program was conducted by the department on 27-07-2018.
- Principal Dr.CH.V.S Parameswara Rao hosted the program for final year students and GATE aspirants.
- The program was organized to aware students regarding Gate Examination, and its direct and indirect benefits.



AUGUST-2018

- The principal explained the importance of the Gate examination and its advantages. He also explained future opportunities after clearing the Gate examination.

WORKSHOP

TREE PLANTATION



- The college NSS Unit organized “Tree Plantation” Program on 28-07-2018.
- Students of the department actively participated in the programme. Principal, Dept HOD's, faculty, NSS Volunteers, students plant saplings in our college premises.



ఎంబెడెడ్ సిస్టమ్స్ తో మానవాళికి ఎంతో ఉపయోగం

గూడూరు రూరల్, ఆగస్టు 16 ప్రభాత వార్త

ఎంబెడెడ్ సిస్టమ్స్ మానవాళికి ఎంతో ఉపయోగమని ఎడ్జేట్ టెక్నాలజీ టీమ్కు చెందిన అప్లికేషన్ ఇంజనీర్ ఎం.డి. ఆనీష్ హుస్సేన్ పేర్కొన్నారు. గూడూరు పట్టణం లోని నారాయణ ఇంజనీరింగ్ కళాశాలలో ఎలక్ట్రానిక్స్ అండ్ కమ్యూనికేషన్ డిపార్ట్మెంట్లోని అధ్యాపకులకు ఎంబెడెడ్ సి-ప్రో గ్రామింగ్ ఆన్ టీఎం4సి ప్రాసెసర్ అనే అంశంపై గురువారం ఒక్కరోజు జరిపాడు పర్యవేక్షకు నిర్వహించినట్లు మేనేజింగ్ సెక్రటరీ పై.వి.నాగేశ్వరరావు తెలిపారు. ఈ పర్యవేక్షకు జరిపిన ఎడ్జేట్ టెక్నాలజీ ప్రవేశం లిమిటెడ్ అధ్యక్షులలో నిర్వహించారు. ఈ కార్యక్రమంలో ఎడ్జేట్ టెక్నాలజీ టీమ్కు చెందిన అప్లికేషన్ ఇంజనీర్ ఎం.డి. ఆనీష్ హుస్సేన్ టీఎం4సి ప్రాసెసర్ యొక్క అవశ్యకతను గురించి వివరించారు. టీఎం4సి ప్రాసెసర్ పై రెస్పాన్సివ్ మిక్రుప్ సిగ్నల్ ప్రాసెసర్ అని మిగతా వాటి కన్నా ఎంతో రెట్టింపుగా ఇది పనిచేస్తుందన్నారు. దీనిని సులువుగా ఉపయోగించవచ్చున్నారు. దీని ఇన్పుట్ వేస్, కోడింగ్, ప్రోగ్రామింగ్పై అధ్యాపకులకు అవగాహన కల్పించారు. ఎలక్ట్రానిక్ అండ్ కమ్యూనికేషన్ ఇంజనీరింగ్ విభాగాధిపతి ఆ. చార్లస్ ఎస్. మునిరత్నం మాట్లాడుతూ ఎంబెడెడ్ సిస్టమ్స్ మన దైనంది సీయ టీవీలో భాగమైందన్నారు. బిల్డింగ్ ఆటోమేషన్, హ్యామన్ మెషిన్ ఇంటర్నెట్ మొదలగు అప్లికేషన్లలో ఉపయోగిస్తారని తెలిపారు. ఈ కార్యక్రమం ప్రాసెసర్ సిపెడ్. పరమేశ్వరరావు, అధ్యాపకులు, బోధనాతర సిబ్బంది పాల్గొన్నారు.



- A Three-Day workshop on “Embedded C-Programming on TM4C processor” has been conducted from 16.08.2018 to 18.08.2018 in association with Edgate Technologies, Bangalore.
- The workshop was divided into two parts: The tutorial sessions were devoted to use cases and hands-on practices on various aspects. This enabled the participants to gain exposure in their academic and research endeavors through the knowledge transfer.

INDUSTRIAL VISIT TO SHAR



- Industrial Visit to SDSC SHAR, Sriharikota by II ECE students on 14.08.2018.
- Industrial visits are an essential part of the academic curriculum in most of the Graduate and Post-graduate courses. Being a part of interactive learning, such educational visits give students a major exposure to real working environments along with a practical perspective of a theoretical concept relevant to their domain
- Industrial Visit to National Atmospheric Research Laboratory(NARL), Gadanki by III ECE students on 17.08.2018.



I have not failed.I've just found
10000 ways that won't work

NIKOLA TESLA

CERTIFICATE COURSE ON PCB AND FABRICATION



- Certificate Course on “PCB Design and Fabrication” has been conducted from 3rd to 7th Aug 2018 in association with Technotran Solutions, Nellore.
- The objective of the program is to train the students on the design and manufacturing of a Printed Circuit Board (PCB) and to provide an insight into the basics of PCB design, as well as some knowledge about more advanced topics.



WORKSHOP



- A one day Workshop on “Unmanned Area Vehicle(UAV)” has been conducted on 30th Aug 2018 in association with Fopple Technologies, Vijayawada, under Industry Institute Interaction Cell(IIIC).



- The workshop covered different types of UAVs, use of precision agricultural drones in India, emerging trends and opportunities in drone industry, etc

NSS



- An awareness program on “Social Hygiene” has been conducted by department NSS Unit on 04.08.2018 at ZP Girls High School, Neltur and Chennur



- In this program NSS volunteers participated voluntarily to give awareness to school children Social Hygiene. This program was held to create awareness among the students regarding Cleanliness and its benefits



SEPTEMBER – 2018

A SEMINAR ON “RADAR & APPLICATIONS”



- A seminar on “Radar & Applications” has been conducted on 29.09.2019 for the IETE student members and IV B.Tech students.
- IETE executive committee member, Mr. A. Vaidhyathan, Scientist/Engineer-SF, SDSC, SHAR, Sriharikota, was the resource person. The program was organized under IETE student Forum (ISF).

WORLD HEART DAY

- “World Heart Day” was conducted on 29th September, 2018 at Dept of ECE, NEC, Gudur.



- On this occasion, Dr. K. Chandras, M.B.B.S., F.A.I.M.S, M. Sc. (Psy) was invited to give an awareness talk. He has given valuable suggestions and advices related to Heart and he told World Heart Day was created to inform people around the globe that heart disease and stroke are the world's leading cause of death and covered preventive measures.



OCTOBER 2018

TEACHER'S DAY



- In India, 5th September is celebrated as “Teachers’ Day” as a mark of tribute to the contribution made by teachers to the society. 5th September is the birthday of a great teacher Dr. Sarvapalli Radhakrishnan, a staunch believer of education and a well known diplomat, visionary, statesman, scholar, President of India and above all a perfect Teacher.



- The department students celebrated Teacher's Day on 05-09-2018 to express their gratitude for the contribution put forth by their teachers towards their development.

NATIONAL UNITY DAY



- The department NSS unit celebrated “National Unity Day” on 31.10.2018 on the occassion of Sardar Vallabhai Patel's Birth anniversary.



- Rashtriya Ekta Diwas (National Unity Day) was introduced by the Government of India and inaugurated by the Prime Minister, Narendra Modi in 2014. It is celebrated on 31 October every year as annual commemoration of birthday of the Iron Man of India, Sardar Vallabhbbhai Patel, one of the founding leaders of Republic of India.

NOVEMBER-2018

WOMEN'S HEALTH-FITNESS



- On the occasion, Essay writing competition was conducted and prizes were distributed



- Women's Forum, of the department has conducted an Awareness Program on "Women's Health-Fitness" on 05-11-2018.
- The program was conducted in association with Area Hospital, Gudur, and Nellore District.
- The resource person for the program was Dr. M. Uma, Superintendent, Area Hospital, Gudur.

GUEST LECTURE ON "MEMS & MICRO SYSTEMS"



- Guest Lecture on "MEMS & Micro Systems" by Prof. G. Sai Krishna Santosh, KL University, Vijayawada on 25.10.2018.



DECEMBER-2018

PSYCHOLOGICAL COUNSELING



- Awareness Program on “Psychological Counseling “on 05-11-2018 by Dr. Subramanyam, Area Hospital, Gudur as part of psychological counselling to students and to give them motivation to excel in life.



FDP



- Faculty Development Program on “Internet of Things” has been conducted from 22.12.2018 to 28.12.2018 in association with Star Technologies, Chennai.



- The Faculty Development Programme (FDP) is planned to deliver key understanding and hands on to learn real world application scenarios of IOT along with its social and economic impact using various case studies. As a part of the FDP, industry and academia luminaries shall share best practices and techniques to help realize the potential of these technologies.