

SPARKLE

DEPARTMENT OF ELECTRONICS AND **COMMUNICATION ENGINEERING**

VOLUME 15 FEBRUARY 15, 2024

HEARTY CONGRATULATIONS TO THE ELECTRONICS & COMMUNICATION ENGINEERING STUDENTS PLACED DURING THE CAMPUS RECRUITMENT 2023-24



CADANCE

NISHA RAI

RKINFO

SOLUTION





PRASEEDA M IWAVE SYSTEMS



PRATHEEKSHA B C



THEJASWI N R **RKINFO** SOLUTION



VAIBHAV BHARADWAJ R K INFO SOLUTION



VIDHISHA BHAT ALGOSHACK TECHNOLOGIES

SPORTS ACHIEVEMENT

MS. VIDYA C S OF 3RD YEAR SECURED 2 PLACES HALF MARATHON

Ms. Vidya C S of 3rd year student won 3rd place in Kodagu mansoon half marathon (21.1KM) event with cash price of ₹. 12,500 held at KALS Gonikoppa, Kodagu, on 24th Sep 2023.

Ms. Vidya C S of 3rd year student won 1st place and a cash award of ₹. 15,000/in half marathon (21.1KM) event held at Mangalore.





MR. SOMANNA M D HAS BEEN SELECTED TO SOUTH EAST ZONE INTER **UNIVERSITY HOCKEY CHAMPIONSHIP**

Mr. Somanna M D of final year ECE has been selected to south east zone inter university hockey championship to be held at Bharathidasan University, Tiruchinapalli from 24th to 30th Dec 2023.

Mr. Somanna M D and Mr. Vaibhav Nannaiyah of final year ECE has participated in VTU Mangalore Zone Hockey Tournament hel at NMAMIT Nitte and secred 2nd place.

CHAMPIONSHIP TROPHY IN VTU MANGALORE ZONE KABADDI TOURNAMENT

Mr. Vignesh, Mr. Shravan Kumar, Mr. Umesh & Mr. Gurucharan of final & 3rd year ECE has participated and won championship trophy in VTU Mangalore Zone Kabaddi Tournament held at St. Joseph Engineering College, Mangalore on 18th Feb 2024.





2ND PLACE IN VTU STATE LEVEL VOLLEYBALL CHAMPIONSHIP

Mr. Chinthan and Mr. Rithesh Kumar of final year ECE has participated and secured 2nd place in VTU State level Volleyball Championship held at SDMIT, Ujire on 22nd Feb 2024.

VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Chief Editor

Prof. Shrikanth Rao S. K.

Editor Mrs. Nisha G.R.

Associate Editor Mr. Rajesh A. B.

NATIONAL BOARD OF ACCREDITATION(NBA)

Department of Electronics and Communication got Accredited from National Board of Accreditation(NBA) up to 30.06.2026.

UNIVERSITY RANKS FOR THE AY 2022-23

Depatment of ECE got 2 university ranks for the AY 2022-23. Ms. Jagruthi Nayak, received 4th rank with CGPA of 9.59 and Ms. Divyashree S received 7th rank with CGPA of 9.58.



MISSION

VISION

To produce compre-

creative and socially responsible engineers

nation's imprint on the

cation engineering

M2:To impart quality

education on par with

industry requirements

through state of art

infrastructure, highly

qualified and compe-

M3: Build cutting

edge technology hub adding to understud-

ies making progress

M4: To collaborate

association with gov-

society, alumni to

promote entrepreneur-

M5: Develop student

centric methodology

by creative teach-

ing-learning environ-

industry,

tent faculty.

ernment,

ship

trained,

technicompetent,

hensively

innovative,

contributing

world

stage.

field.



Mr. Shivaprasad, Asst. Professor, Dept of ECE has given hands on session on "Internet of Things" on 2nd Jan 2024 and 5th Jan 2024 for MCA students of VCET.

HANDS ON SESSION ON INTERNET OF THINGS

TECHNICAL TALK TO MBA STUDENTS

STAFF ACTIVITIES

Mr. Shivaprasad, Asst. Professor, Dept of Electronics & Communication Engineering has given a talk on "Emerging" Technologies in Business Decision Making" for final year MBA students on 27th Feb 2024.



TECHNICAL TALK TO MBA STUDENTS



A session on "Hands on session on Basic Electrical circuits" was conducted on 22nd Nov 2023 by Mrs. Sowmya Anil for the students of the first sem Computer Science. During this session, the basics of DC and AC electrical circuits were covered. A few experiments involving lamps, protective devices, and DC circuits

were demonstrated to help students get a better understanding of how they work. Additionally, the cross-section of machines was shown to illustrate the workings of DC and AC machines.

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STAFF ACTIVITIES

SESSION ON SIMULATION ON BASIC ELECTRICAL CIRCUITS USING PSPICE



A workshop on "Simulation on Basic Electrical circuits using **PSpice**" was conducted on 5th Jan 2024 by Mrs. Sowmya Anil and Mrs. Prabha GS for the students of the first sem Computer Science and Electronics and Communication. During this session, the basics of DC and AC electrical circuits were covered and a few circuits on basic electrical circuits were simulated using PSpice.

SESSION ON SIMULATION ON BASIC ELECTRICAL CIRCUITS USING PSPICE

A workshop on "Simulation on Basic Electrical circuits using **PSpice**" was conducted on 3rd Jan 2024 and 5th Jan 2024 by Mrs. Sowmya Anil and Mrs. Shreyas H for the students of the first sem Computer Science and Electronics and Communication. During this session, the basics of DC and AC electrical circuits were covered and a few circuits on basic electrical circuits were simulated using PSpice.



WORKSHOP ON ARDUINO UNO AND ITS APPLICATIONS



Department of Electronics and Communication Engineering, Vivekananda College of Engineering and Technology, Puttur in coordination with Association of Electronics and Communication Engineering and ICIoT LAB, VCET organized a workshop on "Arduino Uno and its applications" on 17th Jan 2024 in ICIoT lab, VCET Puttur. Prof. Shreyas H, Prof. Shivaprasad, Prof. Mahabaleshwar Bhat and Prof. Akshay S P have conducted the workshop. Around 66 students

ECE got benefited from this workshop. Students were divided into batches and training was given to them in batches so that they will be focused on hands on experience. The workshop mainly focused on real world applications of IoT with Arduino Uno micro controller. Students have learnt various experiments like LED glowing with switch, working of IR sensors etc.

WORKSHOP ON SCHEMATIC AND LAYOUT DESIGN

Dr. Mahantesh R choudhari, Ms.Rajani Rai B and Ms.Sowmya Anil conducted VLSI workshop on "Schematic and Layout Design" on 19th Dec 2023 for final year EC students.



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ALUMNI TALKS

The Department of Electronics and Communication Engineering in association with AECE Vivekananda College of Engineering and Technology, Puttur, organized a Talk on "Higher Studies in Foreign University", on 21st Feb 2024. The session was conducted by Mr. Nagendra Hegde, BE(MS), Alumnus ECE(2015-2019). Mr. Nagendra Hegde shared valuable information about higher studies at abroad. Students of third year ECE had participated in the talk.



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ALUMNI MEET

Department of Electronics and Communication Engineering in Association with Alumni Cell organized Virtual Alumni meet on 29th Dec 2023. During the session many alumnus gave the suggestion for the betterment of the department, discussed about current opportunities of electronics field. Pre final year students interacted with the alumnus about placement and core companies. Prof.Shrikanth Rao, HOD of ECE department and Faculty members interacted with the alumnus. A small video was shown during the session to recall their engineering life. Mr. Jeevith of 5th sem welcomed the gathering and Ms. Harshithashree of 5th sem did the vote of thanks.



STUDENT ACHIEVEMENTS

Ms. Dhanya P, Ms. Harshitha K. and Mr. Shravan H salian of 6th sem students got selected for intership, through the SETUVE program of IEEE Mangalore subsection in NITK, Surathkal.

Mr. Thanmaya H Rao, Mr. Vishwajith Rao and Ms. Shama B E of final year students project "Smart power monitoring system using IOT" got selected for exhibition of 46th series of KSCST, which held at Alvas college of engineering and technology, moodabidire on 11-12th of Aug 2023.

STUDENT ACTIVITY

Talk on ADOLESCENCE AND BEHAVIORAL CHANGES



Sathwik V Nayak, Ashwath P S Gowda, Harshithashree M, Likhitha K, Roopa of 3rd year IEEE student branch organized a talk on "Adolescence and Behavioral changes" by Smt. Nagashree Aital, councilor in psychology for the parents of government higher primary school, Anadka. And also organized a workshop on Vedic Mathematics, computer basics and demonstration

of science experiments for the students of class 6 and 7 on 30th Oct 2023. Prof. Rajani Rai B, Branch advisor coordinated the event.

FOOD FEST

The Department of Electronics & Communication Engineering organized a Food fest "VCET Bhojanam" on 20th Dec 2023 for first, second- and third-year students. Chandraprakash Naik Ashwath P S Gowda, of 3rd year conducted the event. Prof. Mahabaleshwar Bhat and Prof. Nirupama K coordinated the event.





HERITAGE WALK

Second year students of ECE has visited various heritage places on 27th Feb 2024 under Social Connect and Responsibility.