

SPARKLE

DEPARTMENT OF ELECTRONICS AND **COMMUNICATION ENGINEERING**

VOLUME 16 AUGUST 11, 2024

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











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SHREYANKA B N **ADVANCED STRCTURES** INDIA PVT. LTD.



AVON BUILDING SOLUTIONS PVT.

VISION

To produce compre-

creative and socially responsible engineers

nation's imprint on the

MISSION

unique academic envi-

ronment to enable the

students to face the

challenges of the elec-

tronics and communi-

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-

M4: To collaborate

association with gov-

society, alumni to

promote entrepreneur-

M5: Develop student

centric methodology

by creative teach-

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M1: Establish

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innovative,

contributing

world

stage.

field.

SPORTS ACHIEVEMENTS



Ms. Vidya C. S. of final year ECE won Bronze medal in VTU state level 10k Cross-Country and also selected for All India Inter-university. Gold Medal in 20km Race-walk, Silver Medal in 10000mtr running and 4*400mtr relay, Bronze Medal in 21.1km Half-marathon in VTU state level inter-collegiate athletic meet. Silver medal in 5km marathon in red ribbon Run-Youth for HIV with a cash award of 3500 rupees.



Mr. Sanmith of 3rd year ECE participated in VTU 25th inter collegiate state level, athletic meet held at Visvesvaraya Technological University, Regional Centre, Mysore from 26th to 29th June 2024 and secured third place in 110mts hurdles.

ALUMNI TALKS



TALK ON "PLACEMENT READINESS"

The Department of Electronics and Communication Engineering in association with AECE, Vivekananda College of Engineering & Technology, Puttur, organized a talk on "Placement Readiness" on 4th May 2024. The session was conducted by Ms. Divyashree S HP Enterprise, Bangalore.

TALK ON "PLACEMENT OPPORTUNITIES FOR EC STUDENTS AND CERTIFICATION COURSES"

The Department of Electronics and Communication Engineering in association with AECE, Vivekananda College of Engineering & Technology, Puttur, organized a online talk on "Placement opportunities for EC students and Certification Courses" on 23rd July 2024 by Ms. Lakshmi Devi N, Alumna, ECE Batch 2021.



TALK ON "INTRODUCTION TO IT INDUSTRY AND **INTERVIEW PROCESSES"**

The Department of Electronics and Communication Engineering in association with AECE, Vivekananda College of Engineering & Technology, Puttur, organized a technical talk on "Introduction to IT industry and interview Processes" for 3rd year EC on 26th July 2024 by Mr. Veekshith Rai, Alumus, ECE Batch 2015.



VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR

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Chief Editor Prof. Shrikanth Rao S. K.

Editor Mrs. Nisha G.R. Associate Editor Mr. Rajesh A.

FACULTY DEVELOPMENT PROGRAMME

The Department of Electronics and Communication Engineering in association with AECE and Entuple Technologies has organised 3 days FDP titled "VLSI and ASIC **Design**" on 8th, 9th and 10th May, 2024. Mr Priyanshu Datta, Field Application Engineer, Entuple Technologies, Bengaluru gave a brief insight on custom IC Design, Test Bench Creation, Generation of GDSH and RTL Synthesis using Genus Synthesis Solution

STAFF ACHIEVEMENTS AND ACTIVITIES

Mr. Shivaprasad, Asst. Professor, Dept. of ECE, for the paper titled "Design & Development of Virtual Laboratory using the Python Web framework Django to carry out experiments in the stream of ML, DSP & Digital Communication" has been awarded as best paper in the "International Conference on Intelligence Systems in Computing and Communication"(ISCComm-2023) organized by Mangalore Institute of Technology & Engineering, Moodabidri, India in association with Springer on 8th and 9th December, 2023.

SESSION ON "ARDUINO UNO AND ITS APPLICATIONS"



A session on "Arduino Uno and its applications" was conducted on 06th June 2024 and 24th June 24 by Prof. Akshay S P and Prof. Nithin for the students of the second sem AI and CD. During this session, the basics of Arduino Uno board, Arduino programming and its application was discussed.

ALUMNI TALKS

TALK ON "HIGHER STUDIES IN FOREIGN UNIVERSITY"

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 February 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 3rd year ECE had participated in the talk.

TALK ON "PLACEMENT PREPARATION"

The Department of Electronics and Communication Engineering in association with AECE, Vivekananda College of Engineering & Technology. Puttur, organized a talk on "Placement Preparation" on 20th April 2024 The session was conducted by Mr. Apeksh Shetty who is working in Silica Design, Bangalore.





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STUDENT ACTIVITIES FOR THE ACADEMIC YEAR 2023-24



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TRAINING PROGRAM ON "PLACEMENT" BY MR. TAJUDDIN SHAIK

The Department of Electronics and Communication Engineering in association with AECE, Vivekananda College of Engineering & Technology, Puttur, organized a training program on "Placement" on 24th June to 28th June 2024. The session was conducted by Mr. Tajuddin Shaik Bangalore. Students of 3rd year ECE had participated in the training program.

WORKSHOP ON "ARDUINO UNO AND ITS APPLICATIONS"



The Department of Electronics and Communication Engineering in association with AECE, and ICIoT LAB, organized a workshop on "Arduino Uno and its applications" on 17th January 2024 in ICIoT lab, VCET Puttur. Prof. Shreyas H, Prof. Shivaprasad, Prof. Mahabaleshwar Bhat and Prof. Akshay S P have conducted the workshop.

TALK ON "PLACEMENT TRAINING"

The Department of Electronics and Communication Engineering in association with AECE, Vivekananda College of Engineering & Technology, Puttur, organized a talk on "Placement Training" on 17th May 2024. The session was conducted by Mr. Avinash Rathore Q-Spider, Bangalore.



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TALK ON "PLACEMENT PREPARATION"

The Department of Electronics and Communication Engineering, in association with AECE, Vivekananda College of Engineering & Technology, Puttur, organized a talk on "Placement Preparation" on 22nd May 2024. The session was conducted by Ms. Dhanya P Cadence Design Systems, Bangalore and Ms. Praseeda M. iWave Systems, Bangalore.

TALK ON "CAREER GUIDANCE"

The Department of Electronics and Communication Engineering, in association with AECE, Vivekananda College of Engineer-ing and Technology, Puttur, organized a Talk on



"Career Guidance". The session was conducted by Commander Murali Gopa Kumar (Indian Navy). He spoke about opportunities in Indian navy and selection process. Students of third year ECE had participated in the talk.

TECHNICAL TALK ON "SEMICONDUCTOR OVERVIEW AND ECOSYSTEM"



The Department of Electronics and Communication Engineering in association with AECE, organized a technical talk on "Semiconductor Overview and Ecosystem" for 6th sem EC students on 13th July 2024. The session was conducted by Mr. Rajesh Rao, Mr Sujay Kumar, Mr. Sandesh Kumar, Karmic Design Private Ltd. Manipal.

TALK ON "CHALLENGES IN CORPORATE WORLD"

The Department of Electronics and Communication Engineering in association with AECE, organized a talk on "Challenges in corporate world" for 6th sem EC students on 18th July 2024. The session was conducted by Ms. Vachana Jayaram Trainer-Human Resources, Puttur (D.K.)





A SESSION ON "HOW TO BUILD AN EFFECTIVE RESUME"

The Department of Electronics and Communication Engineering in association with AECE, Vivekananda College of Engineering & Technology, Puttur, organized a session on "How to build an effective resume" on 12th June 2024. The session was conducted by Mr. Avinash V K. He spoke about how to write effective resume and he also discussed about attractive highlights that should be included in student resume. Students of 3rd year ECE had participated in the talk.

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TECHNICAL TALK ON "5G ADVANCED LEADING TO 6G" BY MR. ANINDYA SAHA The Department of Electronics and Communication Engineering, in association with IEEE VCET branch Puttur, organized a technical talk on "**5G advanced leading to 6G"** on 29th June 2024. The session was conducted by Mr. Anindya Saha, Chair of IEEE ComSoc, Bangalore Chapter. He spoke about wireless communication, its history, how it developed into the present 5G technology and how we are advancing into the 6G. He also informed students of the job opportunities and related topics that they have to be strong in communication. Students of 3rd year ECE had participated in the program.



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TRAINING PROGRAM ON "DATA STRUCTURE ALGORITHMS"

The Department of Electronics and Communication Engineering in association with AECE, Vivekananda College of Engineering & Technology, Puttur, organized a training program on "Data Structure Algorithms" on 19th June to 22nd June 2024. The session was conducted by Ms. Kavya Q-Spider Bangalore. Students of second year ECE had participated in the training program.

SESSION ON "SIMULATION ON BASIC ELECTRICAL CIRCUITS USING PSPICE"

A session on "Simulation on Basic Electrical circuits using PSpice" was conducted on 13th June 2024 by Mrs. Prabha G S and Mr. Nithin for the students of the second sem AI and CD. 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.



TECHNICAL TALK ON "INTRODUCTION TO LINUX NETWORK NAMESPACES AND NeST"

The Department of Electronics and Communication Engineering, in association with IEEE VCET branch Puttur, organized a technical talk on "Introduction to Linux Network Namespaces and NeST" on 29th June 2024. The session was conducted by Mr. Mohith P Tahiliani, Bangalore. In this talk he in-formed how to connect network namespace using virtual Ethernet pairs and Linux bridge as well as how to connect the host to these names



virtual Ethernet pairs and Linux bridge, as well as how to connect the host to these namespaces, thereby enabling network communication and isolation. Students of 3rd year ECE had participated in the program.

Jeevith S of 3rd year EC has participated in the IEEE Branch Councelor Meet-1, 2024, organized by IEEE Bangalore Section Student Committee in association with IEEE North Karntaka Subsection held on 23rd March 2024 at VTU, Belagavi.

Chandraprakash, Apeksha, Varna, Sujeesh, Deviprasad, Jeevith, Sathwik V Nayak of 3rd year EC attended a project Exhibition "**Dhristi-2024**" on 24, 25, 26th May 2024 at Atria Institute of Technology, Bangalore.

Dhanush P, Keerthesh D N, Shravan K Poojary, Pavan Kumar, Kiranraj, Vachan J shetty, Yashas N, N S Sudeep Shivaram, Jeevan A, Sanmith of 4th sem EC has participated in **I2Connect-2024** an Industry Institute Conclave on Electronics, Computational and Communication Technogolies at VCET Puttur on 31st May 2024.

G A Aheesha Shabaraya, Manjuprasad M G, Karthik K, Bhavishith K of 6th sem EC has participated in **I2Connect-2024** an Electronics, Computational and Communication Technogolies at VCET Puttur on 31st May 2024.

Mr. Jeevith S and Sathwik V Nayak of 3rd year EC has successfully completed the One Month Summer Internship in "Embedded System Design and Internet of Things" organized by Electronics & ICT Academy Indian Institute of Technology, Guwahati from 01st July 2024 to 30th July 2024.

Mr. Sathwik V Nayak and Jeevith S of 3rd year EC has actively participated and successfully cleared all the rounds of "PRIMED THE Placement hackathon", organized by student Activities Committee IEEE Mangalore Subsection, at Canara Engineering College, Sudhindra Nagar, Benjanapadavu, Bantwal on 8th June 2024.

