



ACCREDITED BY NAAC B++

**Department of Computer Science
and Engineering**

Accredited By NBA (2021-2024)

Tech Byte

EDITION

JULY 2022

HIGHLIGHTS

- Three day student development activity on Data Structure in real time.
- Organized webinar on 5G technology for 6th semester students.
- Department organized climate change awareness program .
- Conducted Empowering Senior Citizen social outreach program.
- Department conducted parents teacher meet on 06/08/2022.
- Inaugurated IEEE student branch on 13/07/2022.
- Dr. Arjun U , Promoted as a HOD, Department of Computer Science and Engineering

Vision

To be a leader in providing education with skilled technical knowledge imbining professional ethics to the students in the field of Computer Science and Engineering

Mission

Imparting quality education to students by ensuring a learning environment through qualified faculty and good infrastructure. Empower students to attain strong technical and ethical skills for a successful career in industry, academics, research and entrepreneurship through active engagement with all the stakeholders.

Vibrant CSE Department

Computer Science & Engineering department imparts high quality technical education to its students with the help of its state of the art computing facilities and highly qualified teaching and supporting staff. It keeps pace with the latest technological developments and thus helps students stand in good stead in their professional life.

HOD Message

The department has well qualified and dedicated faculty. The department strives to Impart knowledge and training of the highest standard. The objective of the department is to prepare students for a successful career in Industry, Research and Academics to meet the needs of growing technology.



PSOs

PSO1: Interpret the fundamental concepts and methodologies of computer science

PSO2: Apply the mathematical concepts to crack problems using suitable mathematical analysis, data structures and algorithms.

PSO3: Develop ability to grasp the software development lifecycle and methodologies of software systems. Possess competent skills and knowledge of software design process. Familiarity and practical proficiency with a broad area of programming concepts and provide new ideas and innovations towards research.

DEPARTMENTAL ACHIEVEMENTS

- Dr. Manu A P published a paper on "Cloud Service Scrutinization, Estimation and Selection Framework (CSESF) using KNN Cosine Metrics" in IJCSE.
- Dr. Chethan L S published a paper on "PDT treatment techniques using nano-composite material" in Elsevier proceedings.
- Dr. Chethan L S published a book on "Fundamentals of Embedded Programming" ,Publisher - Notion Press.
- Mr. Sunil Kumar H R presented a paper on "Severity And Disease Affected Area Measurement In Paddy And Maize Crop Leaves Using Image Processing Techniques" in ICRTST-2022.
- Mr. Ranjan V , Published a paper on "Intelligent barrier for face mask and body temperature detection" in IJERCSE.
- Two final year projects received grants from KSCST - 45th series project program.
- Ujwal Kumar and team from 8h Sem Awarded 2nd prize in project exhibition organized by ABVP .

Department of CSE organized a three days online SDP on Data Structure in Real Time . Mr. Ramprasad , Head of academics and operations at 10 sec Pvt. Ltd Bangalore, was the resource person for this workshop. A total of 148 students attended in this program.

OBJECTIVE

The objective of this work is aimed at providing an opportunity for participants to enrich their knowledge and skills about advance C program and Data structure in the developing various solutions for solving engineering problems in the society. This SDP serves as a platform for students to understand how real world problems can be solved using types of data structure.



ABOUT THE WORKSHOP

DAY 1

First day the resource person has given brief introduction ADT array, C program examples for placement preparations, ADT Stack, Queue, list, real time applications on array, Stack, Queue, Linked List

DAY 2

On day 2 he discussed about ADT tree and binary tree. He also delivered information about application of search tree and Real time applications on Binary Tree, Search Tree

DAY 3

Hands-on session on C program on Memory management with suitable examples for tree and graphs.

SDP Coordinators:

Dr. Sunitha B S, Associate Professor, Dept. of CSE.
Mr. Rajesh T H, Assistant Professor, Dept. of CSE.

Webinar on 5G Technologies

JULY 2022 | 9TH

Resource Person : Dr. S. Balaji is a technologist turned academician with a blend of academic and industry experience and expertise in successfully executing and managing R&D intensive projects. While he has considerable experience in developing mission and safety critical applications and cutting edge products in embedded and mobile computing, he also brings vast experience at senior management levels thanks to his stint in ISRO Satellite Centre, country's premier space research organization.

Topics Covered

- How does 5G work?
- Who invented the fifth generation network?
- What is the advantage of the 5G network over the 4G network?
- How fast is a 5G network?
- How will 5G change everything?
- How will 5G shape future technology?
- How is 5G going to help in transport?
- 5G and smart factories
- Benefits for business



Climate Change Awareness

Objective

This program aims to bring the awareness about the consequences of the climate change to the human kind and the mother earth.

Raising awareness and thereby understanding of the effects of climate change on health will facilitate both behavioral change and societal support for the actions needed to reduce greenhouse gas emissions.



Resource Persons:

Shri Sharath and Smt Bridgit Varghese from Shivamogga Smart City Ltd.

Dr. Shripathi from JNNCE, Shivamogga.

Shri Sharath and Smt Bridgit Varghese delivered information about climate change, climate change consequences, and various factors that affect climate change.

Dr. Shripathi has given complete information about consequences happened due to climate change with statistics.

Dr. Nagaraja R, CCA, PES Trust and Dr. Chaithanya Kumar M V, Principal, PESITM were present in the event.

Empowering Senior Citizen

Department of CSE organized empowering senior citizen program on 03/01/2022. More than 40 senior citizen were participated in the event. Dr. Chaithanya Kumar M V, Principal, PESITM, addressed the gathering and Dr. Chatrapathy K, HOD, CSE, has given brief overview of the program.



The program aim is to give awareness to digital application like phone pe, google pay, online medical application, where they can fulfill their daily needs.

Students from 6th and 8th semester CSE have given complete information about necessary applications. Finally the students have conducted some fun activities to senior citizens.

Parents Teacher Meeting (PTM)

Department of CSE organized parents teacher meeting on 06-08-2022 at CSE seminar hall. Total 20 parents participated in the PTM. The department conduct parent teacher meeting once in a semester. Dr. Arjun U, HOD, Dept. of CSE, welcome all the parents who gathered in seminar hall. His presentation starts with brief overview of the department, activities conducted and planned, placement statistics and results, finally HOD introduced all the faculties of the department.

AIM The main objective of the meeting was to create a common platform, where teachers and parents come together to discuss student's performance and devise ways to enrich their learning experience. The parents were intimated about the meeting well in advance through Coordinators and Mentors.



IEEE Student Branch Inauguration



The Inauguration of IEEE Student Branch PESITM was scheduled on 13-07-2022 at 3:30PM in CSE Seminar hall. The guests of the event are Dr.Poornalatha, IEEE MSS Chair 2022 was the chief guest, Mr U C Niranjana, IEEE MSS Chair 2020 was the guest of Honor, Mrs Ashwini Holla V R, Member IEEE MSS, Dr Chaitanya Kumar M V, Principal, PESITM was the President.. Dr.Likewin Thomas, IEEE Branch Counsellor Welcome the guests and IEEE students and gave a brief report on the past achievements of Student Branch PESITM.

The president of event Dr Chaitanya Kumar expressed his happiness for having IEEE Student Branch in PESITM and their participation and gave information on various awards got from IEEE and encourage students to actively participate in the upcoming events.



YASHWI JRAI
6TH SEM



SUSHMITHA
6TH SEM



PADMASHREE
6TH SEM



SNEHA

Student Forum

WELCOME

Department level Volley Ball Tournament



Department of CSE organized department level volley ball tournament between teams from 2nd, 3rd and 4th year students. Mr. Rajesh T H and Mr. Sunil M E are the coordinators for the event.

Shreedhar and team 8th semester, B Section won the final against rakesh and team from 6th semester.

Dr. Chatrapathy K , presented a memento and congratulate the winners.

Department of CSE conducted Fun Cricket on 01.03.2022 at Abdul Kalam stadium, Akash and team won the final.



ALUMNI INTERACTION



Mr.Hitesh Kumar , Software Engineer , BETSOL , Mr.Ajay Shankar , Software Engineer(R&D), Mavenir and Miss .Soudha Siddhique , TCS. interacted with pre final year students and share their industry experience and also provide information about industry expectation from students.

Placement



Career Development Centre

Congratulations

For all the students getting placed in TCS



Deepthi S | CSE | Jahnavi UM | CSE | M Khayum | CSE | Aishwarya | CSE | Abdul Rahman | CSE
Akhil S V | CSE | Hemanth K U | CSE | Niyaz Ahmed | CSE | Sanjay P | CSE | Varunraj B R | CSE

Students Placed in TCS

Congratulations

All the students for getting placed in CAPGEMINI

CTC: 4 LPA



DEEKSHITHA - CSE | DEEPIKA K B - CSE | LAVANYA DS - CSE | SHRIGOWRI S - CSE
NEHA BHARATH - CSE | PRIYADARSHINI H M | ROSHAN FARDEEN I | MITHUN HS - CSE

Students Placed in Capgemini

Department Placement Coordinators
Mr. Ranjan V
Mrs. Manisha K M

Top Companies



CONGRATULATIONS

ALL THE STUDENTS FOR GETTING PLACED IN INFOSYS

CTC:3.6



ABDUL RAHMAN | CH KIRAN KUMAR | CHETHAN MAKALLI



GURUPRASAD R | MANOJ KUMAR N | SHRAVYA



SNEHA B | SHRIGOWRI S | SANJAY P

Students Placed in Infosys

Department achieved 100% placement on eligible students with multiple offers

EDITORIAL TEAM

Dr. Arjun U, Dr. Chethan L S, Dr. Likewin Thomas, Mr. Ranjan V, Mr. Rajesh T H, Mr. Pramod (8th Sem), Mr. Preetam (8th Sem)

CALL FOR NEWSLETTER

- Articles for future edition are important.
- We would like to invite everybody to submit a short story/article/announcement that can fit in the following structure:
- News items and announcements - (1/2 Page)
- Short, topical, news oriented technical/ non-technical topics. (3/4 Page)
- Paintings, sketches, comics, poems, dag-writings, short stories etc. (1/2 Page)
- Major and minor technical articles are also accepted. (1/2 Page)
- Jokes, Punch dialogues, quotes of your own could be included. (1/4 Page)
- All of above said matters could be accepted in English or in Kannada