



**Department of Computer Science  
and Engineering**  
**Accredited By NBA (2021-2024)**

# Tech Byte

**EDITION**  
**JAN 2022**

## **HIGHLIGHTS**

- NBA team visit on 22-10-2021 to 24-10-2021 and accredited for 3 years.
- Pre final and final year students celebrated a freshers day for second years students.
- Department of computer science and engineering organized an orientation program to first year students (2021 Batch).
- Conducted a Latex Hands-on workshop to final year students.
- Various placement assistance program conducted by inhouse faculty.
- Department of CSE conducted a five days online SDP on "Cloud Technologies".
- Department of computer science and engineering organized parents teacher meet on 11-12-2021.

### **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

PESITM, SHIVAMOGGA



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

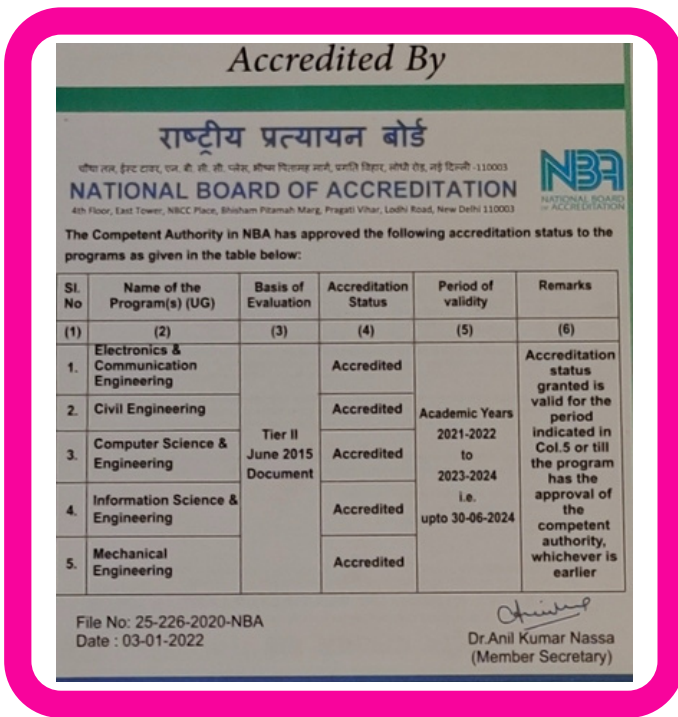
**PSO1:** Interpret the fundamental concepts and methodologies of computer science

**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

- CSE department got NBA accreditation for 3years (2021-2024)
- Dr. Chethan L S published a patent on an IOT and WSN based secure data communication for health sector.
- Dr. Manu A P reviewed a paper from springer journal.
- Mr. Ranjan V and Mr. Puneeth B H registered Ph.D in VTU university.
- Dr. Likewin Thomas published a paper on "An Ameliorate Analysis of Cryptocurrencies to Determine the Trading business with Deep Learning Techniques", ERCICA-2021, Nitte Menakshi Institute of Technology, Bangalore.



# Five Days online SDP on Cloud Technologies

AUG 2021 | 16TH TO 20TH

Department of CSE organized a five days online SDP on cloud technologies . Mr. Sanjay Punde, Founder & CEO, CloudKali , was the resource person for this workshop. A total of 148 students attended in this program.

## OBJECTIVE OF WORKSHOP

The objective of this work is aimed at providing an opportunity for participants to enrich their knowledge and skills about VMware, Vcloud, MSAzure and Amazon-AWS cloud computing platforms in the developing various solutions for solving engineering problems in the society. This SDP serves as a platform for students to interact AWS Cloud services and tools.

## ABOUT THE WORKSHOP

### DAY 1

First day the speaker has given brief introduction about cloud computing , cloud computing models, services and security policies.

### DAY 2

On day 2 the different cloud service and deployment models are discussed. Students gain knowledge about public, private, community, and hybrid cloud models.

### DAY 3

Introduction to Amazon Web Service have been discussed. Students have gain importance of AWS, AWS analytical service in cloud platform.



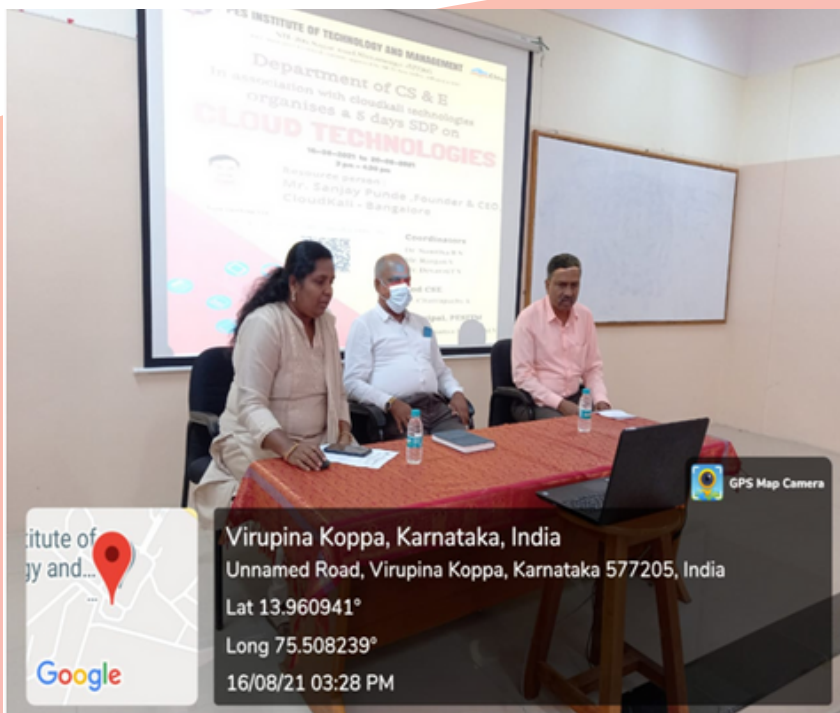
### DAY 4

The concept of virtual private cloud, subnet network access control list, security group have been discussed.

### DAY 5

On day 5 conducted hands on session on creation of AWS account, creation of AWS buckets, load data and analyze data.

On valedictory, Dr. Chatrapathy K, HOD, Dept. of CSE, has appreciate the effort and time of the speaker and finally Dr. Sunitha B S , Associate Professor, Dept. of CSE, proposed vote of thanks.



**SDP Coordinators:**  
**Dr. Sunitha B S, Associate Professor,**  
**Dept. of CSE.**  
**Mr. Devaraj F V, Assistant Professor,**  
**Dept. of CSE.**  
**Mr. Ranjan V, Assistant Professor,**  
**Dept. of CSE.**

# EXPERT TALKS AND WORKSHOPS

## One Day Workshop on Latex

Dr. Manu A P, Professor department of CSE and Dr. Likewin Thomas, Associate Professor, department of CSE conducted hands-on workshop on tool Latex.

### About the event

**The aim of this event is to train students to learn latex tool. LaTeX is a high-quality typesetting system, it includes features designed for the production of technical and scientific documentation. The advantages of latex tool are to prepare documents in well structured way.**



### Topics Covered

- Installation of Latex.
- Document class, setting margins.
- Inserting images, creating tables.
- Work with sample latex document.

## Talk on "Plan Your Project"

Dr. Manu A P, Professor department of CSE has delivered a talk on " Plan your Project" to final year students.

***The objective of this talk is to guide students to plan their project in structured manner and implement the project in modular way. He delivers information about project report writing, dividing large project in to modules, basic prerequisite to be learn and defining a problem statement.***



Shivamogga, KA, India

Shivamogga, Shivamogga, 577204, KA, India

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# Department Events

## Parents Teacher Meeting (PTM)

Department of CSE organized parents teacher meeting on 11-12-2021 at CSE seminar hall. Total 45 parents participated in the PTM. The department conduct parent teacher meeting once in a semester. Dr. Chatrapathy K , 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** A parent-teacher meet is a great opportunity to share academic progress and growth based on classroom observations, testing data, assessments and assignments. Learn from parents or guardians so you can be better informed about students' strengths, needs, behaviors, and learning styles.



## Orientation to First Year students

Department of CSE organized Orientation program to First Year students to welcome them and provide briefing about the college and department.

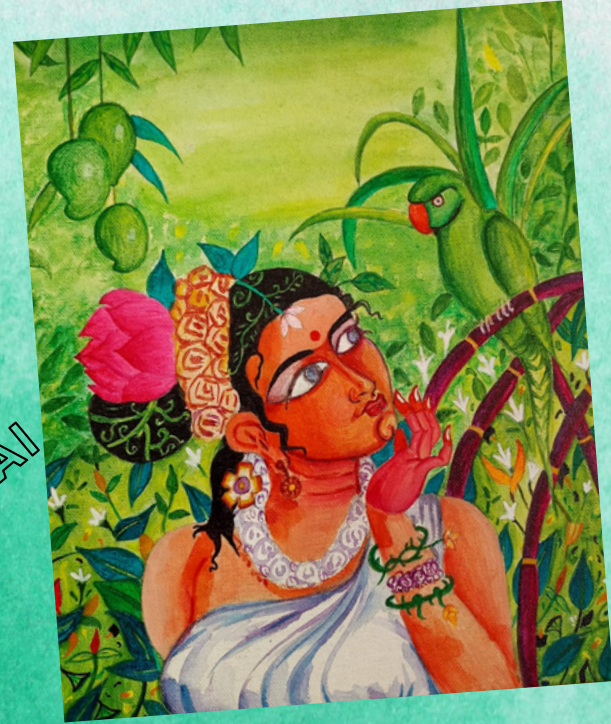


Student orientation is the period prior to the start of the academic year at a college or university where a variety of events are held to welcome and acclimate new students.

HOD starts with brief introduction about the department, college facilities and infrastructure. Dr. Manu A P, Dr. Likewin Thomas and Mr. Ranjan V , faculties of CSE, interacted with students and provide information about curriculum, exam procedures, information about career development cell (CDC), importance of CIE and semester flow. After the presentation students are visited central facilities like library, canteen and bus bay. Finally HOD wishes the students for their future endeavors .



Painting By  
**YASHWI JRAI**  
3RD SEM



Painting By  
**SAHANA SR**  
7TH SEM



**ART IS NOT WHAT YOU SEE,  
BUT WHAT MAKES OTHERS TO SEE**



# Co-Curricular Activities

## Freshers Day

"Quality of life is determined by its activity"



Department of CSE organized a fresher's day program to all 3rd semester CSE students to welcome them to the department.

Program started with HOD's Speech to brief about department strengths, introducing faculties and infrastructure and facilities available in the department, followed by many cultural activities like singing, dance and fun games. Mr. Puneeth B H assistant professor, Dept. of CSE and Mr. Rajesh T H, assistant professor, Dept. of CSE coordinated this event.



## Ethnic Day



Department of CSE conducted Tug of war event on 27.10.2021 at Abdul Kalam stadium.

# Placement Activities

## Placement Assistance Program on C and OOPS

Mrs. Prathibha S, Assistant Professor Department of CSE conducted Placement assistance program to final year students.



### Topics Covered

- Data Structures,
- Object oriented Concepts
- Data base management System
- Classes and Objects
- Constructors and Destructors
- Data Abstraction
- Data Encapsulation
- Inheritance
- Polymorphism

## CONGRATULATIONS



### Students Placed in TCS

## 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

## Placement Statistics

- TCS : 19
- WIPRO : 14
- ROBOSOFT : 2

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

## EDITORIAL TEAM

Dr. Chatrapathy K., Dr. Chethan L S, Dr. Likewin Thomas, Mr. Ranjan V, Mr. Rajesh T H, Mr. Pramod (7th Sem), Mr. Preetam (7th Sem)