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Achutha Rao
Professor in CSE

COORDINATORS

Prof. N. Santhosh
Ramchander &
Prof. B. Mahalakshmi

Further details contact.
9573386692 & 9989994207
REGISTRATION LINK

https://forms.gle/1fbD5qD1TrjDDWNq5

Note: No Registration Fee

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Mr.V.Vijayabhaskar Reddy,CSE

A Two-Week Skill Development Program on "Data Structures using C"

From 14th – 26th June, 2021

[Time: 5:00 PM – 6:30 PM]

ORGANIZED BY

DEPARTMENTS OF CSE, CSE (AI&ML) & CSE (DS)

SREYAS

INSTITUTE OF ENGINEERING AND TECHNOLOGY

ABOUT THE COLLEGE

Sreyas Institute of Engineering & Technology was established in the year 2011 under the aegis of Sreyas Educational Society. The Institute endeavors to impart high quality, competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society. The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH.

DEPARTMENT PROFILE

The Department of Computer Science and Engineering since its inception in the year 2011 offers programme keeping in pace in technological advancements. Currently Department offers Undergraduate course B.Tech in CSE with an intake of 240 students, AI and ML with an intake of 120 and also Data Science with an intake of 120 students. Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The state-of-the-art Computer Center has more than 1000 computers with 100 Mbps internet connectivity. The department has highly qualified and well experienced faculty to offer both class room teaching and practical instructions. The department has established Industry ready training academies such as Google Cloud, CISCO, AWS (Amazon Web Services), Oracle, Robotics Process Automation etc., It has an excellent track record of the placements, More than 80% students are placed in well reputed Multinational Companies. The Department motto is **"Step into Learn and Step out to Serve"**.

RESOURCE PERSONS

N Ramchander Rao
Project Lead, Capgemini

Prof. A V Srinivas,
Department of CSE

WHAT IS DATA STRUCTURE?

Data Structure is a way of collecting and organizing data in such a way that we can perform operations on these data in an effective way. Data Structures is about rendering data elements in terms of some relationship, for better organization and storage.

WHY DATA STRUCTURES?

❖ To unravel the real-world complex problems.

❖ To improve analytical skills.

❖ To be implemented for various applications.

❖ To crack the interviews and obtain into product-based companies.

APPLICATIONS OF DS

❖ Operating System Functionalities

❖ Compiler Design

❖ Artificial Intelligence Applications

❖ Robotics

❖ Data Base Management Systems

❖ GPS etc..,

WHY SHOULD YOU ATTEND?

❖ Fully Hands-on and interactive Learning.
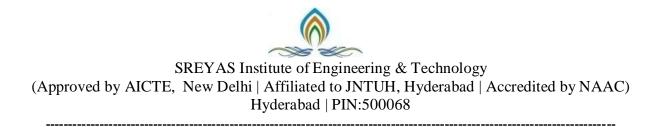
❖ To gain confidence in writing code.

TOPICS

❖ Types of Data Structures, Operations on Data Structures.

❖ Stacks.

❖ Queues.

❖ Circular Queues.

❖ Linked Lists.

❖ Trees.

❖ Graphs.

SALIENT FEATURES

❖ 100% Hands-on Training

❖ Participant-centered learning Material (Softcopy)

❖ Regular Programming Exercises & Assignments will be given.

❖ Assessment test will be conducted after the workshop.

❖ E- Certificate will be provided to the eligible participants (80% of attendance & 60% of marks in the assessment tests)
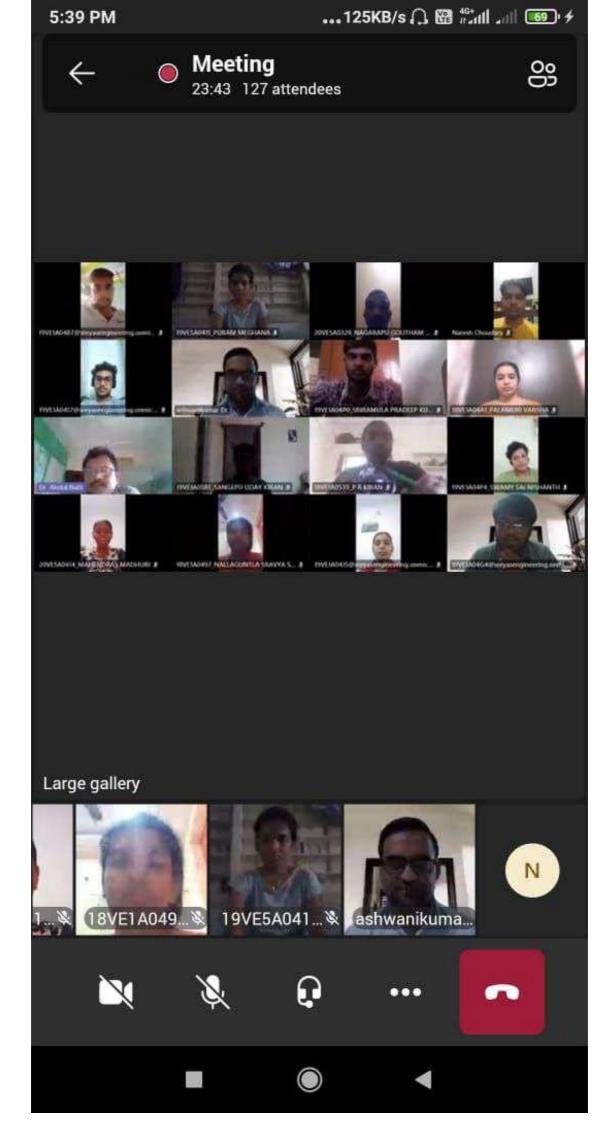
WORKSHOP OBJECTIVE

❖ Provide functionalities of various Data Structures to Design & Develop real-world applications.

❖ Helps to crack problem statements in various online coding platforms.

SUMMARY REPORT ON

SKILL DEVELOPMENT PROGRAMME ON DATA STRUCTURES USING C

A Skill Development Programme on Data Structures using C has been conducted for students of CSE,ECE, Mechanical branches from 14th June to 26th June,2021. This SDP was conducted by the Department of CSE. A total of 350 students were registered for the SDP from all the branches. Mr.A.V.Srinivas ,Asst.prof.,CSE Dept. conducted the lectures for 2 weeks on different concepts like Stacks,Queues,Linked lists , Graphs and Trees. Theory as well as Hands on lab sessions were conducted on all the topics in C language. This Programme is conducted for enhancing the programming skills of the students.

SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

Affiliated to JNTU Hyderabad, Approved by AICTE, New Delhi
(Accredited by NAAC)

Certificate of Participation

This is to Certify that Mr./Ms. **DHANDU CHANDANA** bearing Roll

Number **19VE1A05D2** has participated in A Two-Week Skill Development

Program on **"DATA STRUCTURES USING C"** from **June 14, 2021** to **June**

26, 2021 Conducted by Department of CSE, CSE(AI/ML), and CSE(DS)

Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India.

Dr. Ashwani Kumar	**Dr. Shaik Abdul Nabi**	**Dr. S. Sai Satyanaraya Reddy**
Convener	**Professor**	**Patron**
HOD-CSE AI/ML	**HOD-CSE**	**Prof. of CSE & Principal**