

Guest Lecture on Trie Data Structure, real life use cases & its analysis

DATE: 21/04/2023

Event Coordinator(s)

1. Prof. Vijay Jumb

Student Coordinator(s)

1. Aditya Patel

2. Shreya Malvankar

Time & Place:

8:45 am – 10:45 am,

Computer Center, XIE

Department:

Computer Engineering

No of participants: 30

The guest lecture on Analysis of Algorithms was conducted in the Computer Center on 21st April, 2023 from 8:45 am onwards, organized by Prof. Vijay Jumb for the second year students of the department of Computer Engineering to gain deeper insights on the topic of “Trie Data Structure, real life use cases & its analysis”.

The lecture was conducted by Mr. Danyl Fernandes, Frontend Engineer – Intern, 2586 Labs, Bangalore. His knowledge and command over the topic covered, captured the attention of all students, and made them want to dive in deeper and research more about the topic and the related content.

During the lecture, speaker covered several key points related to Trie data structure. He started by providing an introduction to Trie and its applications in computer science. He then discussed how Trie can be used for efficient string searches and storing dictionaries. He explained the basic operations of Trie, including insertion, deletion, and search. He gave examples of how Trie is used in popular applications such as spell checkers, auto-complete features, and search engines.

The lecture overall was deeply informative and helped students clear their concepts and provide a detailed explanation for the concepts studied. These topics, were content beyond syllabus, providing students an additional platform to research and develop interest in various topics apart from the usual course. The lecture was considered very helpful, and the feedback was taken from students regarding the same.

Student Feedback and Benefits


The overall response of event was positive. Students were able to access content beyond their usual syllabus easily.

Overall, the guest lecture by Mr. Danyl Fernandez was a highly informative and engaging event that provided valuable insights into the Trie data structure. The event was positive feedback from the students.

Prof. Vijay Jumb,
Assistant Professor,
Department of Computer Engineering





 **GPS Map Camera**

Mumbai, Maharashtra, India

2R8M+RQ4, PL Kale Guruji Marg, Friends Colony, Dadar

West, Dadar, Mumbai, Maharashtra 400028, India

Lat 19.017028°

Long 72.834429°

21/04/23 09:51 AM GMT +05:30

