

DAYANANDA SAGAR UNIVERSITY



SCHOOL OF
ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY

Pre-Placement Training

Event Name: Pre-Placement Training

Resource Person: Ms. Pranita D, Software Engineer, Dell Technologies

Date: 25th -May-2024 (Saturday)

Time: 08:00 PM – 09:00 PM

Brochure:

 **DAYANANDA SAGAR UNIVERSITY**
COMPUTER SCIENCE & TECHNOLOGY
ORGANIZING
PRE-PLACEMENT TRAINING BY ALUMNI
FOR 6TH SEM CST STUDENTS

 **PRANITA D**
SOFTWARE ENGINEER
AT DELL TECHNOLOGIES

25-05-2024 **JOIN LINK AT 8:00 PM** 

Summary:

The Department of Computer Science & Technology has organized the third session of the Pre-Placement series for 6th-semester students. The training was organized by Prof. Baskar Venugopalan, Associate Professor, CST and Prof. Ramandeep Kaur, Assistant Professor, CST. This training is started as a series where the alumni of CST department share their experience with current students and provide them with necessary knowledge about the training. The third session of this training was delivered by Mr. Ms. Pranita D, Software Engineer, Dell Technologies.

The training started at 08:00 pm with a welcome note to Ms. Pranita D by Prof. Ramandeep Kaur. Student Sohana introduced Ms. Pranita D and handed over the session to the speaker. Ms. Pranita D started her session with a small interaction with students and later she explained how to prepare for placement and why it is important.

Pranita discussed the comprehensive hiring process for pre-placement, beginning with the registration phase where candidates submit their initial applications. This is followed by shortlisting, where applications are reviewed and selected based on predefined criteria. The shortlisted candidates then undergo a series of online tests designed to assess their foundational knowledge and problem-solving abilities. Additional evaluations, including APUC and SLAD tests, are conducted to further filter the candidates. The process culminates with a technical interview, focusing on technical expertise, and an HR interview to assess cultural fit and soft skills. Successful candidates receive a job offer, detailing the role, salary, and benefits, followed by the final acceptance and joining phase. This detailed breakdown helps in understanding the expectations and steps involved in the pre-placement journey, allowing for better preparation and anticipation of the process.

The session highlighted crucial subjects to focus on for a successful pre-placement experience. Emphasis was placed on data structures and algorithms, covering fundamental concepts such as arrays, linked lists, stacks, queues, and trees, as well as sorting and searching algorithms. Object-Oriented Programming (OOP) principles, including inheritance, polymorphism, and encapsulation, were discussed along with design patterns. Proficiency in programming languages like C, C++, Java, and Python was underscored, with a particular focus on writing clean, efficient, and optimized code. Understanding these subjects deeply is instrumental in clearing technical interviews and excelling in coding assessments, making this session invaluable for pre-placement preparation.

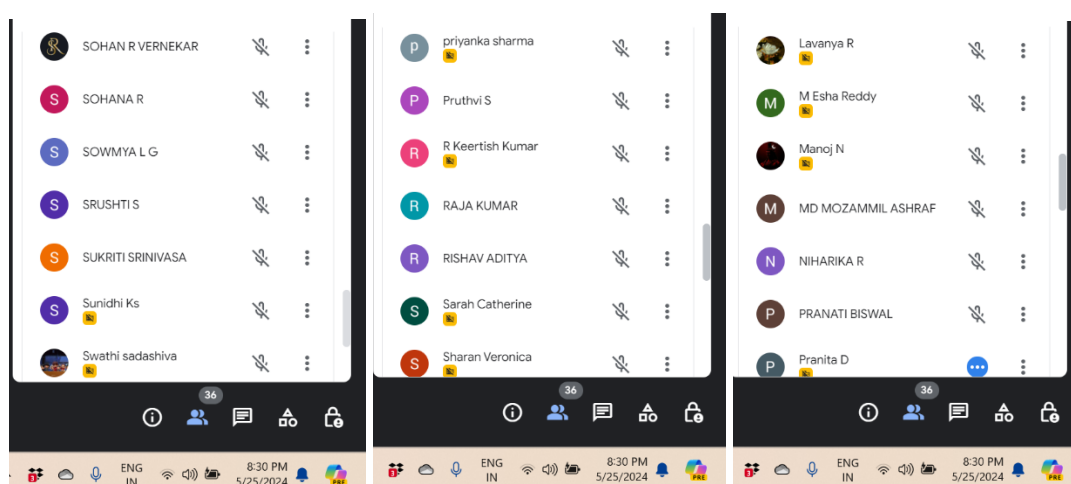
Web technologies were also a significant topic of discussion, where participants were guided through the basics of HTML, CSS, and JavaScript, along with an understanding of web development frameworks. Additionally, the session touched upon general knowledge of emerging technologies, including machine learning, artificial intelligence, blockchain, and cybersecurity. This comprehensive coverage ensures that candidates are well-versed in both foundational and modern technological concepts, which is crucial for a well-rounded pre-placement preparation.

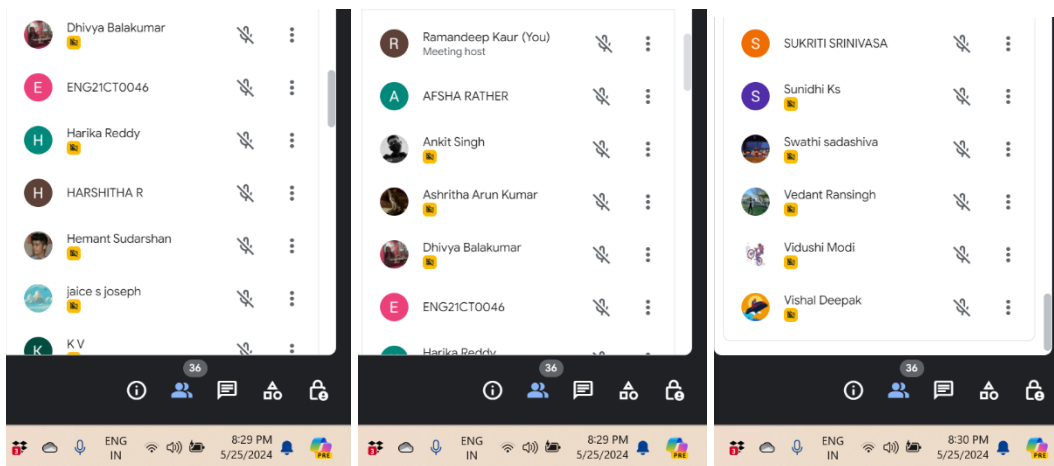
Furthermore, the session provided valuable insights into preparing for competitive coding. It stressed the importance of mastering the basics by choosing one or two programming languages and studying data structures and algorithms thoroughly. Participants were encouraged to stay motivated, maintain a consistent study routine, and utilize additional resources such as books, YouTube, and MOOCs. Key concepts like time and space complexities, recursion, and iteration were highlighted, along with the importance of using online platforms like HackerRank, CodeChef, GeeksforGeeks, and LeetCode for practice. This structured approach to competitive coding preparation is essential for excelling in coding contests and interviews, making the session highly beneficial.

Lastly, practical tips for enhancing the pre-placement process were discussed. Participants were advised to prepare a strong resume, focusing on core subjects and relevant projects. The importance of practicing coding and participating in mock interviews on platforms like InterviewBit was emphasized. Effective communication, including email writing and documentation skills, along with building a professional network, participating in group projects, and being selective about job roles and companies, were all underscored as crucial strategies. These tips collectively aim to build a strong foundation for candidates, ensuring they are well-prepared and confident in their pre-placement journey.

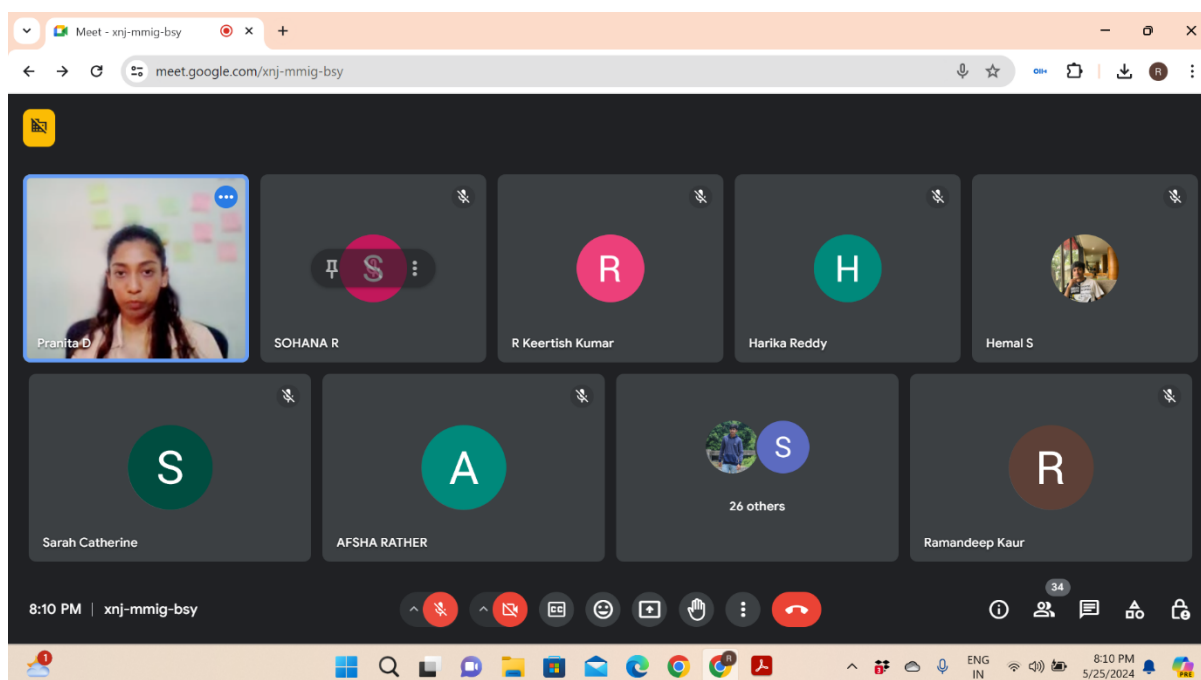
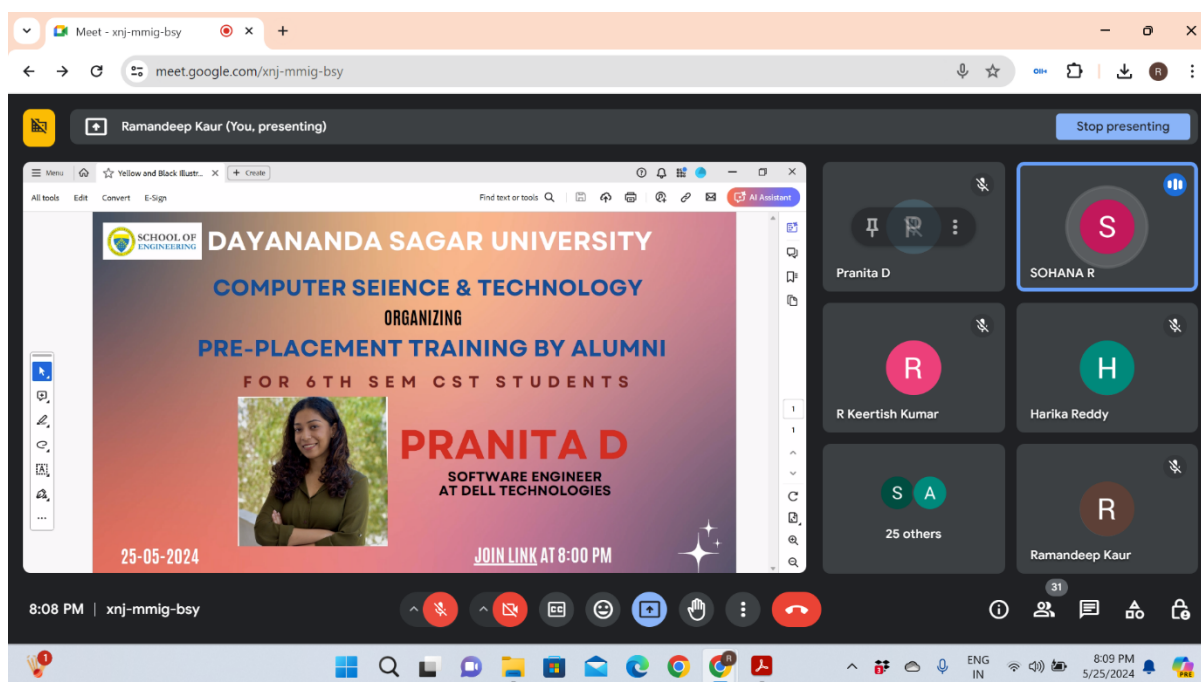
A total of 33 students attended this training and gave very good feedback about the training and the topics covered in it.

Attendance:





Glimpses:



Meet - xnj-mmig-bsy

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P Pranita D (Presenting)

Hello !

I'm Pranita, a graduate from the 2022 batch of Computer Science and Technology. Currently, I am working as a Software Engineer at Dell Technologies.

Feel free to connect with me in case of any queries
<https://www.linkedin.com/in/pranita-d-00b60170/>
pranita.23d@gmail.com

Pranita D, SOHANA R, R Keertish Kumar, Harika Reddy, Sarah Catherine, AFSHA RATHER, Hemal S, 26 others, Ramandeep Kaur

8:10 PM | xnj-mmig-bsy

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Pranita D (Presenting)

CAMPUS PLACEMENTS

Campus placements is a process where companies visit educational institutions to recruit students who are in their final year of study. These placements provide students with opportunities to secure employment before they graduate. There are two types of companies that come for these drives:

- Product based
- Service Based

These placement drives usually result in students getting 2 types of offers:

- Full time employment
- Internship + Full time employment

Pranita D

33 others

Ramandeep Kaur

People

Mute all Add people

Contributors 36

- Ramandeep Kaur (You) Meeting host
- AFSHA RATHER
- Ankit Singh
- Dhivya Balakumar
- ENG21CT0046
- Harika Reddy

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Pranita D (Presenting)

HIRING PROCESS

Registration Shortlisting Online tests Additional tests

Technical Interview HR Interview Job Offer Acceptance and Joining

Pranita D

34 others

Ramandeep Kaur

People

Mute all Add people

- Ramandeep Kaur (You) Meeting host
- AFSHA RATHER
- Ankit Singh
- Ashritha Arun Kumar
- Dhivya Balakumar
- ENG21CT0046
- Harika Reddy

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Pranita D (Presenting)

IMPORTANT SUBJECTS

Data Structures and Algorithms

- Fundamental concepts such as arrays, linked lists, stacks, queues, trees, graphs.
- Sorting and searching algorithms.
- Time and space complexity analysis.

Programming Languages

- Proficiency in languages like C, C++, Java, and Python.
- Ability to write clean, efficient, and bug-free code.

Database Management Systems (DBMS)

- Concepts of relational databases, SQL queries, normalization, transactions, and indexing.
- Understanding of NoSQL databases can be an added advantage.

Object-Oriented Programming (OOP)

- Principles of OOP such as inheritance, polymorphism, encapsulation, and abstraction.
- Design patterns and their applications.

Web Technologies

- HTML, CSS, JavaScript, and basics of web development.
- Understanding of web frameworks and libraries can be useful.

General Knowledge of Emerging Technologies

- Basic understanding of areas like machine learning, artificial intelligence, blockchain, and cybersecurity.

8:16 PM | xnj-mmig-bsy

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Pranita D (Presenting)

PREPARING FOR COMPETITIVE CODING

Understand the Basics

Choose one or two programming languages, study data structures and algorithms.

Stay Motivated

Consistent efforts and healthy routine will yield better outcomes.

Review and Reflect

Analyze mistakes, optimization and discussion.

Utilize Additional Resources

Books like "Introduction to Algorithms", "Cracking the Coding Interview". Also youtube and MOOCs can be helpful.

Learn and Practice Key Concepts

Concepts like time & space complexities, recursion & iteration, basic problems.

Use Online Platforms

Start with hackerrank, codetree, geeksforgeeks, leetcode.

Follow a Study Plan

Participate in Competition and Join Study Groups

Coding contests and College competitions, Peer learning and coding clubs will help encourage and motivate.

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Pranita D (Presenting)

TIPS FOR PLACEMENTS

03

8:27 PM | xnj-mmig-bsy

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Pranita D (Presenting)

04 MY EXPERIENCE

8:37 PM | xnj-mmig-bsy

Pranita D, SOHANA R, R Keertish Kumar, Harika Reddy, SOWMYA L G, Sarah Catherine, Ashritha Arun K..., 26 others, Ramandeep Kaur

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Pranita D (Presenting)

TIPS

- Prepare A Strong Resume
- Strengthen your knowledge about core subjects.
- The most important aspect is to build technical skills by practicing coding and working on relevant projects
- Use platforms like interview bit to practice mock interviews and practice writing code.
- Prepare for common questions about yourself and be prepared to answer questions on anything mentioned in your resume.
- Regular practice of aptitude tests and staying updated on relevant current affairs will give you an upper hand.
- Communicate clearly work on email writing and documentation skills.
- Building your network with peers, professors and industry professionals will go a long way in your career.
- Participate in group projects and competitions to enhance your collaboration skills.
- Be selective about the job role and the company before beginning your application process.

8:29 PM | xnj-mmig-bsy

Pranita D, Ramandeep Kaur, 33 others

People

Mute all, Add people

Ramandeep Kaur (You) Meeting host, AFSHA RATHER, Ankit Singh, Ashritha Arun Kumar, Visitor Dhivya Balakumar, ENG21CT0046

8:29 PM | xnj-mmig-bsy

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Pranita D

SOHANA R, R Keertish Kumar, Harika Reddy, Sarah Catherine, Ashritha Arun Kumar, RISHAV ADITYA, 21 others, Ramandeep Kaur

8:50 PM | xnj-mmig-bsy

In-call messages

Let everyone send messages

Unless they're pinned, messages can only be seen by people in the call when the message is sent. All messages are deleted when the call ends.

yes

Dhivya Balakumar 8:48 PM
no questions maam

Pruthvi S 8:48 PM
How to build ats friendly resume

Pruthvi S 8:49 PM
What kind of projects on resume will add more weightage

Send a message

Feedback:

Please find the link for the feedback.

https://docs.google.com/spreadsheets/d/1koGqnNmJgaLNPKiz_MwpgzKmp1vaDUnpKgd_sQS7Zt7U/edit?usp=sharing

Chairperson Signature