



CTAE Coders Carousel

Official Programming Club, CTAE Udaipur.



Session- 5th

Date- 21/10/2023

We are pleased to present a comprehensive report on the latest Programming Club session, which took place this Saturday, October 21st. The event garnered an impressive turnout of enthusiastic students, all eager to enhance their skills in the world of programming and technology.

Throughout the session, our dedicated coordinators poured their knowledge and passion into their respective domains, ensuring that every student had the opportunity to grasp valuable insights and develop practical expertise. We are thrilled to provide you with an overview of the session's activities, accomplishments, and the positive impact it had on our students. Around 120 students attended the session in total.

At the end of the session, we gave the students a short test on what they learned in each domain. This test helped us check their understanding and how well they absorbed the information.

The session was managed by Mohammed Imran, 3rd year CSE and Ishika Agrawal, 3rd year CSE with other coordinators of programming club and facilitated by Mrs. Anshita Dharmawat Madam and Mrs. Garima Jain Madam, who ensured a smooth and enjoyable learning experience.



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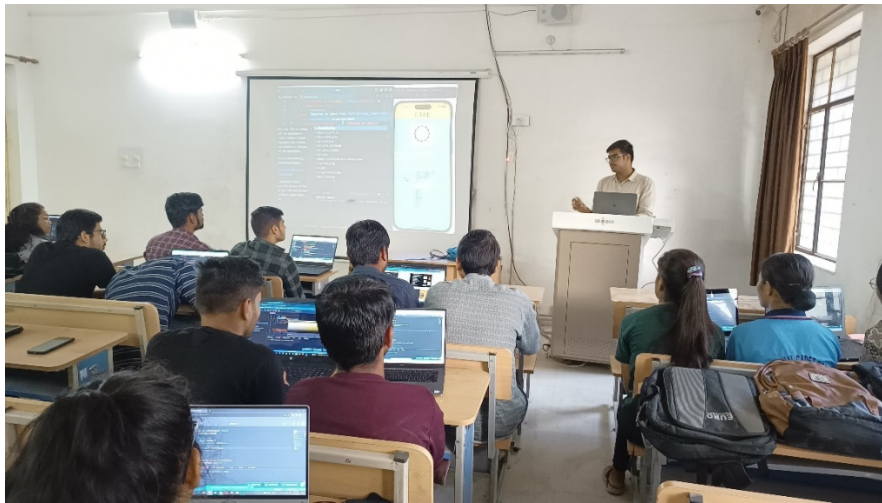
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Here is the list of topics covered in the particular domain:

1) App development:

In the App Development session, we covered app graphics design, introduced Flutter widgets for cross platform development, and created a basic app named "ctae_folio" with CTAE details. We assigned a task to each participant to further improve the app, due by Thursday. This practical exercise allows students to apply their learning and be creative in enhancing the app.



2) Competitive Programming:

In the Competitive Programming domain, we began with a basic introduction, covered number conversions, and delved into bitwise operators. This provided students with a comprehensive understanding of C++ fundamentals.





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3) Web development:

In the Web Development session, we focused on practical elements such as tables and forms. Students had the opportunity to learn about creating structured web content through tables and how to design interactive user interfaces with forms. This session enabled them to acquire hands-on skills that are essential for building web applications.



4) Artificial Intelligence and Machine Learning:

In the AI-ML domain, we followed a systematic approach to learning. We began with the basics of Python, ensuring a strong foundation for students. Subsequently, we progressed to cover loops, which are crucial for iterative processes, and concluded the session by delving into conditional statements. This structured approach equipped students with essential programming skills and concepts that are pivotal in the field of Artificial Intelligence and Machine Learning.





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5) Graphic Designing:

The session commenced with an in-depth exploration of fundamental graphic design concepts, laying a strong foundation for our journey. We then delved into the practical application of these principles in various applications and websites, gaining valuable insights into the dynamic world of visual communication. As we progressed, the session seamlessly transitioned into the realm of UI-UX design. This phase enabled us to appreciate the unique design considerations and strategies crucial for crafting user-friendly digital interfaces. The comprehensive approach ensured that participants left with a holistic understanding of design principles.



Special Thanks: -

We extend our sincere appreciation to our dedicated faculties for their unwavering support and seamless coordination. Their commitment has ensured well-maintained classrooms and modern laboratories, complete with operational projectors and computers, providing us with valuable learning environments.

Mr. Naveen Choudhary Sir, HOD CSE Department.

Mrs. Kalpana Jain Madam, Assistant Professor CSE Department.

Mrs. Anshita Dharmawat Madam, Event Facilitator and Incharge CSE Department.

Mrs. Garima Jain Madam, Event Facilitator and Incharge CSE Department.

Faculty and Lab Assistant, CSE Department.



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