

DEPARTMENT OF COMPUTER APPLICATIONS

Innovations by the Faculty in Teaching and Learning

MCA department students participated in ProtoSem, an experiential learning program by Forge Academy that fosters innovation and real-world problem-solving skills.

- Students are grouped into various cohorts, such as Web Development, Artificial Intelligence, Data Science, Augmented Reality (AR), and Virtual Reality (VR), with skill enhancement activities like workshops conducted for them. These cohorts promote collaboration, real-world projects, and industry-led sessions, enhancing technical and problem-solving skills. This hands-on approach equips students with expertise in emerging technologies and prepares them for industry challenges.



Comprehensive DevOps Training Program Organized by Web and Software develop program from 24.12.2024 to 27.12.2024.



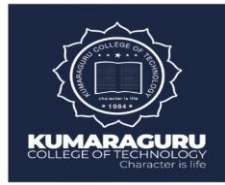
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Cybersecurity Cohort hosted the "Coimbatore Chapter Combined Meetup" on December 21, 2024.





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The three-day Faculty Development Program titled “Accelerating Edge AI: From Concept to Deployment with Jetson Nano”, organized by the IoT, Edge & UAV Cohort 21.12.2024.

- As part of our curriculum, the events like Blockchain yatra was conducted to explore the captivating Blockchain Story and its impact.



Bharat Blockchain Yatra on September 25, 2023,

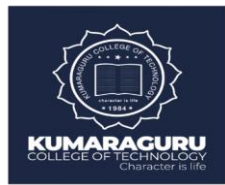
- The department is having MOUs with industries and frequent events like seminars and Hackathons are conducted as part of it.

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MoU signed with Wise Work on 8/11/2023!

- Students free to discuss problems by interacting with faculty through online platforms.
- Engineering Clinics – Students actively engage in multidisciplinary projects, collaborating across various engineering domains to apply theoretical knowledge, develop innovative solutions, and gain hands-on experience in real-world problem-solving.
- Students are encouraged to pursue certification courses to enhance their skills and broaden their knowledge in relevant domains.
- ICT tools are effectively integrated into the teaching and learning process to foster innovation and enhance educational outcomes.



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The screenshot shows the Microsoft Teams interface for a channel named 'E23-24-P20CAT2003-R21-DATA I...'. The 'Class Materials' section is active, displaying a list of folders representing different units. The table below summarizes the data shown in the screenshot:

Name	Modified	Modified By
Unit-I	February 26	JAYAKANTHAN N
Unit-II	February 27	JAYAKANTHAN N
Unit-III	March 8	JAYAKANTHAN N
UnitIV	March 31	JAYAKANTHAN N
Unit-IX	May 12	JAYAKANTHAN N
UnitIV	April 22	JAYAKANTHAN N
Unit-VI	May 7	JAYAKANTHAN N

Posting the teaching materials to facilitate flipped classroom mode.

The screenshot shows the Microsoft Teams interface for the same channel, with the 'Assignments' section active. It displays a list of assignments with their due dates and scores. The table below summarizes the data shown in the screenshot:

Assignment Title	Due Date	Score
Data Intensive Computing Quiz	Due May 29th	62/62
Assignment-II	Due May 27th	62/62
Assignment - I	Due Mar 28th	62/62

Posting of assignments and manage the submissions online



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Sujithra S R . 20MCA041

Chat

Shared



6/10/21 9:58 PM

Welcome ma



June 11, 2021

Sujithra S R . 20MCA041 6/11/21 12:43 PM



Good afternoon sir, In K means problem ... most of the students got only 2 iterations . But I got 3 iterations and also i took different cluster centers.. whether my solution is correct or not sir ?

Interacting with students

- Faculty incorporate real-world case studies into the curriculum, allowing students to analyse practical situations, apply theoretical knowledge, and develop problem-solving skills relevant to industry challenges.
- Faculty design instructional activities around realistic scenarios, encouraging students think critically, make informed decisions, and apply concepts to practical problem-solving.