KUMARAGURU
college of technology
character is life

EVEN SEM 2023-2024

OFFICIAL NEWSLETTER

DEPARTMENT OF INFORMATION TECHNOLOGY, KCT

Catalogue

Editorial board

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Vision:

The department of Information Technology aspires to become a school of excellence in providing equality, education, constructive research and professional opportunities in Information Technology.

Mission:

- To provide academic programs that engage, enlighten and empower the students to learn technology through practice, service and outreach
- To educate the students about social responsibilities and entrepreneurship
- To encourage research through continuous improvement in infrastructure, curriculum and faculty development in collaboration with industry and institutions.

PEO’s

PEO1: Graduates will demonstrate career progression in Information and Communication Technologies by acquiring higher qualifications or industry certifications and advancing in professional roles

PEO2: Graduates wil| be leaders in their chosen field.

PE03: Graduates will utilize the acquired technical skills and knowledge for the benefit of society..

Teaching methodologies

Blended learning

The initiative aims to equip first-year students with foundational knowledge of emerging technologies and domain specific applications, preparing them for innovative problem solving and future ready learning, Through a structured value-added program, students gain exposure to current and future market trends, benefitting from industry insights, collaborative learning and enriched online resources.

Teaching methodologies

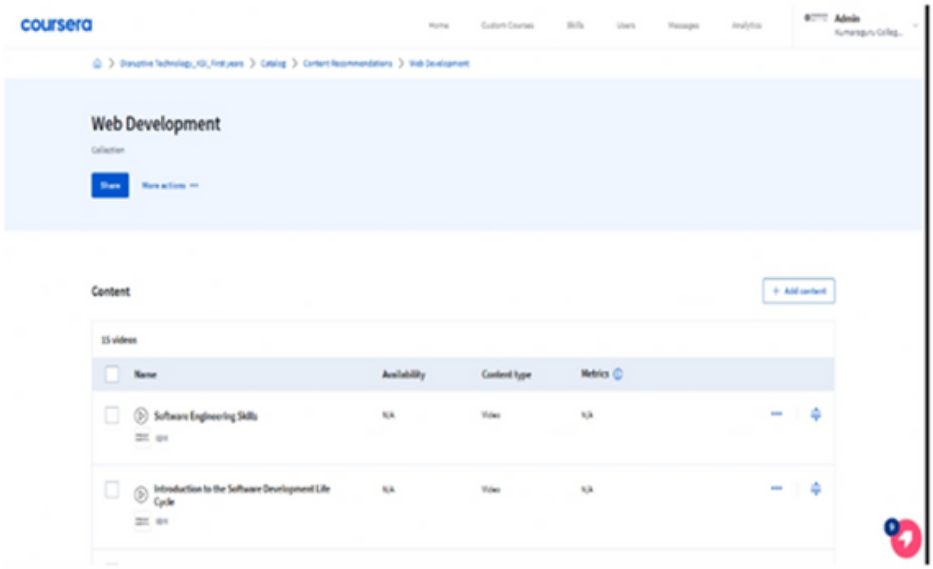
Domain addressing from industry expert

Domain specific addressing was given by industry experts covering diverse fields such as gaming technologies, healthcare, defence, automation, autonomous vehicles, edtech, smart agriculture, and healthcare like AI diagnostics and patient care etc...

Teaching methodologies

Curriculum and learning hours

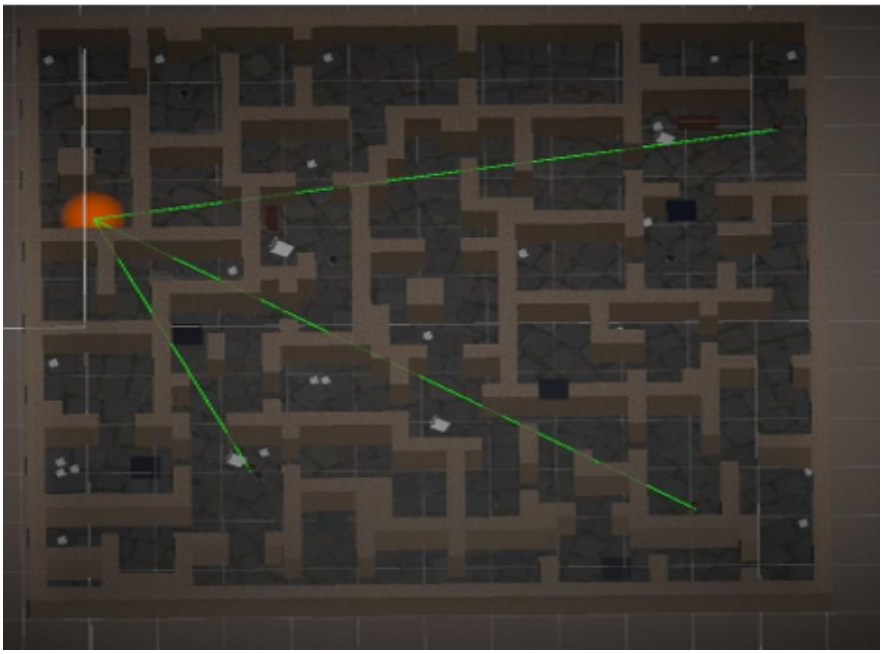
- Students complete 30 hours of instructor led session
- augmented learning was facilitated through course era featuring 30 hours of curated content that teaches various technologies and domains and give a solid foundational knowledge to the students regarding various domains.



Teaching methodologies

Cohort based learning

- Students were exposed to cohorts based on technology domains, including Web Development, Extended Reality (XR), Internet of Things (IoT), Artificial Intelligence (AI), and Data Science (DS).
- Here are the key outcomes for the described cohort-based learning activity:
- Domain-Specialized Knowledge: Students gained in-depth knowledge in their chosen technology domains (Web Development, XR, IoT, AI, DS), building expertise in specific areas of interest.
- Real-World Application Skills: Weekly sessions emphasized real-world applications, enabling students to connect theoretical concepts to practical use cases in industries like agriculture and healthcare.
- Awareness of Market Trends: Students learned about future market trends and emerging technologies, preparing them for industry demands and career opportunities.



Student Projects

Students are encouraged to discuss and implement solutions for a problem identified and present the solutions to all to bring a brainstorming on strength and weakness of the solution. By participating in hands-on implementation of solutions and presentations, students could learn well

S.No	Batch	Roll No	Name	Project Title	Field projects / internships / students projects
1	1	20BIT004	Bala rupesh B S	Lip reading AI	Students project
2		20BIT056	M Sriram		
3		20BIT021	Jayashimman M G B		
4	2	20BIT006	Deepak Kumar M	Student Academic and Wellbeing Monitoring System	Students project
5		20BIT045	Saaivignesh S		
6		20BIT047	Sanjith S		
7	3	20BIT002	Akash Kumar M S	Large document summarization and cross lingual question answering	Students project
8		20BIT022	Kabileesh G		
9		20BIT052	Shrivathsan G		
10	4	20BIT018	Harihara Roopan C T	Vident Behaviour detection using Smart Surveillance	Students project
11		20BIT020	Hiran S V		
12		20BIT058	Subhash Y		
13	5	20BIT024	Karthikeyan M P	Automatic papwer Corrector System	Students project
14		20BIT027	Kevin Samuel C		
15		20BIT055	Sindhu S		
16	6	20BIT016	Hari Krishna Prasath S	ResuMatch:Automated Resume Parsing & Ranking Application Resume Parser	Students project
17		20BIT031	Logendar V S		
18		20BIT050	Sharvesh Kumar S		
19	7	20BIT062	Vinoth T	Artistic Fusion	Students project
20		20BIT023	Kalaivanan M		
21		20BIT032	Lokesh C		
22	8	20BIT003	Akil D S	Food Donation and Redistribution System	Students project
23		20BIT049	Sathana Kamala E		
24		20BIT051	Shree Mithraa M		

Placements batch 2019-2023

The 2019-2023 batch has successfully secured placements in top companies with competitive salary packages. Some highlights include:

- 19BIT011 Arul Murugavel B - 11.1 LPA
- 19BIT026 Jayashakthi Vishnu P - 11.1 LPA
- 19BIT030 Ranjith M - 7LPA