The teaching-learning process focuses on student-cantered methods to enrich educational experiences. A combination of traditional and modern approaches is employed, blending teacher-led instruction using tools such as chalkboards and PowerPoint with hands-on activities and field visits. The integration of ICT tools enhances student engagement through workshops and additional learning resources, creating a dynamic educational environment.

Simulation techniques are used to train students in professional skills, foster collaboration, and improve problem-solving abilities while promoting active learning. The exploratory teaching method encourages open-ended discussions, facilitating deeper understanding and the development of critical thinking skills. Experiential learning is emphasized through internships and industry exposure, in collaboration with organizations like Infosys, Cisco, PALS, E Yantra, IIT Bombay, EMC2, UAV Technology Centre, ZOHO, WIPRO, ETTISOFT, and INTEL.

Participative learning involves group discussions, role-playing, and workshops to strengthen critical thinking and communication skills. Students are encouraged to engage with professional societies such as IEEE, ISTE, IETE, IIF, IEI, CPC, CII, and CMA. Interactive methods, including question-and-answer sessions and fieldwork, further enhance student involvement. Problem-solving methodologies challenge students to apply critical thinking to real-world problems through projects and dissertations.

Finally, project-based learning enables students to work on innovative projects, bridging the gap between academic knowledge and practical application.

10/12/24

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Project based demonstrative learning

Virtual Simulation learning

Experiential/Hands on training learning

Peer group learning

Exploratory Learning

ICT enabled video animation Learning

Flipped classroom Learning

Project based learning

Experimental Learning