

### **2.3.1 Student-centric methods, such as experiential learning, participative learning, and problem-solving methodologies, are used for enhancing learning experiences using ICT tools:**

East Point College of Engineering and Technology stands out for its innovative and student-centric approach to engineering education. By integrating modern technology with strategic insights, the college creates an immersive learning environment that prepares students for the dynamic engineering field.

#### **Quiklrn: Learning Management System**

Central to our educational transformation is Quiklrn, a cutting-edge cloud-based platform that simplifies course management and revolutionizes content delivery. Quiklrn provides students with seamless access to comprehensive course materials, lesson plans, session plans, attendance records, and quizzes. Additionally, it streamlines feedback sharing, making it an invaluable tool for enhancing the overall educational experience. This platform ensures that students and faculty can efficiently manage and access essential resources, fostering a more effective and engaging learning environment.

Link: <https://quiklrn.com/user/>

#### **Smart Classrooms for Engaging Discourse**

Each classroom features smart boards, transforming traditional lessons into interactive hubs. These smart classrooms enhance engagement and comprehension through visual aids, multimedia, and real-time annotations, creating a dynamic and accessible learning environment.

#### **Enriching Events**

The college hosts various events, including webinars, technical talks, seminars, workshops, and Student Development Programs (SDPs). These events, often streamed on YouTube, provide insights into the latest engineering trends and connect students with industry experts, extending learning beyond the campus.

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| Bengaluru 560 049   |                      |                         |
| Karnataka, India.   |                      |                         |

## **Bridging Academia and Industry**

East Point College emphasizes strong ties with industry through visits, training programs, and internships. This exposure to the practical aspects of engineering bridges the gap between theory and application, equipping students with essential professional skills.

## **Project-Based Learning**

Project-based learning is central to our educational approach, pushing students to address real-world problems through both in-house defined problem statements and creative explorations. To nurture these skills early, lower-semester students undertake mini-projects, while final-year students engage in comprehensive capstone projects. To further develop these competencies, we host "Project Expo-Vibrations," an inter-college event where students present their innovative projects. This event provides participants with practical experience, equipping them with the skills and confidence needed to tackle future career challenges and seize emerging opportunities.

## **Online Courses**

The college offers flexible online courses through platforms like NPTEL, Coursera, Infosys-Springboard, and Udemy. Students and faculties are encouraged to engage in NPTEL courses offered through our college's NPTEL chapter, with several faculty members achieving the prestigious NPTEL Discipline Star recognition.

## **Participative Learning**

A culture of participative learning is promoted through events such as Hackathons, Ideathons, technical events, conferences, and project exhibitions. Our students have actively participated in hackathons, demonstrating their creativity, problem-solving abilities, and technical skills in competitive environments.

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## **Innovative Teaching Methods**

East Point College adopts modern teaching methods to create an engaging and effective learning environment. Our approach includes online quizzes, YouTube lectures, virtual labs, flipped classrooms, dynamic presentations, animations, and hands-on sessions using ICT tools. Faculty continually update their skills to ensure students receive a contemporary education.

In summary, East Point College of Engineering and Technology combines technology and strategic initiatives to create an immersive, forward-thinking educational environment, equipping students to excel in the evolving field of engineering.



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