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Affiliated to Visvesvaraya Technological University (VTU) Belagavi | Recognized by Govt. of Karnataka | Virgo Nagar, Bengaluru-
560049 Ph:080 2847 2999, email:principal.epcet@eastpoint.ac.in

2.6 STUDENT PERFORMANCE AND LEARNING OUTCOME

(2.6.1. Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on the website.)

OUTCOME-BASED EDUCATION PROCESS

Outcome-based education is a student-centered approach that focuses on assessing student performance through clearly defined outcomes, encompassing knowledge, skills, and attitudes. This method involves aligning individual courses with Program Outcomes (POs) and Program Specific Outcomes (PSOs). There has been a significant transition from traditional education to an emphasis on imparting expert knowledge and competencies, prioritizing "learning to learn" and promoting lifelong learning.

PROGRAM OUTCOMES (POs)

Program Outcomes (POs) are concise statements that describe what students are expected to know and be able to do upon graduating from an engineering program. These POs are integrated into the curriculum of all courses, ensuring a comprehensive educational experience. Additionally, Course Outcomes (COs), are mapped to these POs to ensure that each course contributes to the overall program goals. Efforts have been made to ensure that all Program Outcomes (POs) are achieved. If any outcomes are not met, training sessions are conducted to address them, aiming to fill gaps and implement necessary corrective actions. This process not only enhances the quality of education but also ensures that graduates meet industry standards and societal expectations.

PROGRAM SPECIFIC OUTCOMES (PSOs)

Program Specific Outcomes (PSOs) describe what students are expected to know and be able to do in a specialized area upon graduation. Each program specifies 2-4 PSOs, which go beyond the general Program Outcomes (POs). The institution maintains transparency and accessibility regarding its educational objectives. Program Outcomes (POs) and Course Outcomes (COs) for

all programs are prominently displayed on the website and made available in various resources such as manuals, blue books, classrooms, libraries, and laboratories. This transparency helps students, faculty, and stakeholders understand the expected learning outcomes and align their efforts towards achieving them.

Course Outcomes (COs)

Course Outcomes articulate specific learning objectives for each course, focusing on the knowledge, skills, and behaviours that students are expected to acquire by the course's completion. The detailed procedure for attaining COs, along with Program Outcomes (POs) and Program Specific Outcomes (PSOs), is explained in the additional information section. Targets for various attainments are set, and student achievement levels are assessed on a batch-wise basis. These achievement levels serve as inputs for gap analysis. Once gaps are identified and analysed, corrective measures are implemented to address and bridge these gaps.

In conclusion, our Outcome-Based Education model ensures that students develop both technical knowledge and essential skills and attitudes necessary for professional success. We meticulously align our curriculum with defined outcomes and implement rigorous assessment and improvement strategies. Our goal is to provide a transformative educational experience that equips students to excel in the global workforce.



M. Letta
Prof. Mvithyunjaya V Letta
PRINCIPAL
EAST POINT COLLEGE OF
ENGINEERING & TECHNOLOGY
BANGALORE- 560 049.