

Innovative Practices
A.Y 23-24 ODD SEM

	Innovative practices	Impact on Process
Curricular Aspects	<p>Proficiency enhancement through value-added skill-based courses in the emerging areas of Information Technology and by promoting MOOCS. (Introduced Cloud Computing based professional skill courses)</p> <p>SE Scheme & Syllabus Changes as per Autonomy</p>	<p>Curriculum enrichment through industry design courses.</p> <p>Due to Autonomy flexibility in design Syllabus</p>
Teaching-Learning & Evaluation	<p>Faculty members have implemented different pedagogies e.g. Role play, quizzes, mind map, case studies at secondary and tertiary level in their subject</p> <p>Regular progress review of project conducted on monthly basis.</p> <p>IE & ISEIII are conducted on every module on continual basis for effective academic learning among students</p>	<p>To augment the teaching-learning experience</p> <p>To monitor students project progress</p> <p>To monitor students understanding module wise and continual evaluation</p>
Research, Innovations & Extension	<p>Project ideas for RBL/PBL selected from broad areas</p> <p>Participation in various workshops, webinars, and in events</p> <p>To improve research Paper Quality Department has conducted session on Paper Writing.</p> <p>11 Papers Quality Paper Publication (Springer Journal & Scopus indexed) 4 patents are granted, 3 patents filled</p> <p>Domain wise activities</p>	<p>Provide solutions for societal problems, the output after two years (publication in renowned journals / IPR / Start-up / Consultancy)</p> <p>Strategizing to improve overall quality publication in the dept.</p> <p>Quality Publication To Improve IPR Training & Consultancy</p> <p>To orient students about domains offered by the department and strengthen the domain activities.</p>

Infrastructure & Learning Resources	<p>Use of G suite account, Zoom licenses, GCR, MS Team, ICT and digital infrastructure for teaching learning. Provide pen tablets to faculty for teaching subjects of mathematical nature.</p> <p>To keep a record of infrastructure & Learning resources made provision in Monthly QA Sheet.</p> <p>Use of Digital Trainer Kit for demonstrating and performing digital electronics experiment at SE</p>	<p>The interactive teaching-learning process with Digital Infrastructure.</p> <p>To maintain phase-wise record of budget utilization</p> <p>Better understanding of electronics based experiments and easy to execute</p>
Student Support & Progression	<p>Professional body activity- ACM, Alumni interaction</p> <p>Students working on projects with social relevance</p> <p>Different technical events conducted at Zephyr 2023</p> <p>Local Industrial visit arranged for SE students</p> <p>Parents Teacher Meeting</p>	<p>To meet applicable standards with continued motivation for research and development</p> <p>To improve Co-Curricular activity.</p> <p>To aware students about latest technologies and industry need</p> <p>Interact with parents regarding students progress</p>
Governance, Leadership & Management	<p>Program Assessment & quality improvement committee (PAQIC)</p>	<p>Assess attainment of Program Outcomes (PO), Program Specific Outcomes (PSO), and achievement of Program Educational Objectives (PEOs) and recommend action plans for improvement of quality. Effective grievance redressal addept. level</p>