

Freshman Engineering Department

Quality Circles Impact

A. Y. – 23-24

S. No.	Name of the Quality Circle	Dept.	Impact																								
1.	Language Enhancement Quality Circle	FED	1) 386 students completed STEP course offered by The Hindu 2) 714 students complete Edx course in English 3) Soft Skills development program was organized for all the students during Induction Program. 4) ECHO club events were enhanced.																								
2.	Innovation and Entrepreneurship Enhancement Quality Circle	FED	1) A team of 66 I B. Tech. students has exclusively designed and organized a program titled Avinya Imprenditori - 2K24. As a part of this program various events were hosted: <ul style="list-style-type: none"> ➤ Eco- Savvy ➤ Eternal Pearls ➤ Kalamkari Kalalu ➤ Fruity Fusion ➤ Juggling Challenge ➤ Shark Tank ➤ Entrepreneurs Walk and Talk ➤ Franchise Frenzy ➤ Glossy Motiff Students approached various sponsors and collected an amount of Rs. 1, 02, 111/-. All the expenses of this event were borne by this sponsorship amount. 2) Increased participation from students in events organized by EDC & IIC. 3) 4 students who participated in this event have been selected for University Innovations Fellows by Stanford D. School, USA.																								
3.	Research Quality Circle	FED	1) 5 faculty members received seed money – 1.72 L 2) 3 patents were published 3) Publications <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Publications</th><th>2021-22</th><th>2022-23</th><th>2023-24</th></tr> </thead> <tbody> <tr> <td>Scopus</td><td>12</td><td>20</td><td>28 (25 + 3)</td></tr> <tr> <td>Others</td><td>11</td><td>7</td><td>6</td></tr> <tr> <td>Total</td><td>23</td><td>27</td><td>34</td></tr> </tbody> </table> 4) Papers presented in conferences <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Conferences</th><th>2021-22</th><th>2022-23</th><th>2023-24</th></tr> </thead> <tbody> <tr> <td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Publications	2021-22	2022-23	2023-24	Scopus	12	20	28 (25 + 3)	Others	11	7	6	Total	23	27	34	Conferences	2021-22	2022-23	2023-24				
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			International and National	17	19	18																										
4.	Academic Quality Circle	FED	1) Result <table border="1"><tr><td></td><td colspan="2">2023-24</td></tr><tr><td></td><td>SEM -1</td><td>SEM-2</td></tr><tr><td>No. of Students Registered</td><td>753</td><td>745</td></tr><tr><td>No. of Students Passed</td><td>490</td><td>513</td></tr><tr><td>Pass %</td><td>65.07%</td><td>68.86%</td></tr></table> 2) Certification courses offered and done by students <table border="1"><tr><td>Name of the Course</td><td>No. of Certifications</td></tr><tr><td>STEP</td><td>386</td></tr><tr><td>Edx.</td><td>714</td></tr><tr><td>Programming for problem solving using 'C'.</td><td>719</td></tr><tr><td>Total Certifications</td><td>1, 819</td></tr></table> 3) Organized Industrial visits to all I B. tech. students. Students were taken to CIPET, Surampally, Rautech Ceramics, KCP Sugar Factory, and Railway Wagon Workshop. Also students were taken to HEAL orphanage. 4) Remedial classes and Backlog classes are conducted to support slow learners.						2023-24			SEM -1	SEM-2	No. of Students Registered	753	745	No. of Students Passed	490	513	Pass %	65.07%	68.86%	Name of the Course	No. of Certifications	STEP	386	Edx.	714	Programming for problem solving using 'C'.	719	Total Certifications	1, 819
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5.	Green Quality Circle	FED	1) The initiatives organized by the Green Quality Circle collectively fostered greater awareness of holistic health, mental well-being, sustainable living, and digital responsibility. They promoted healthy lifestyle choices, encouraged mindfulness through yoga and meditation, and enhanced technical and environmental consciousness among staff and students. The programs also contributed to personal growth, professional development, and a more responsible and eco-conscious campus culture. 2) A team of II Year students have won first prize in 'Idea Presentation Competition' organized by ISTE Student chapter, PVPSIT. Topic: Food waste, Smart Business.																													

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