

Freshman Engineering Department

Quality Circles Impact

A. Y. - 24-25

| S. No. | Name of the Quality Circle | Dept. | Impact | | | | | | | | | | | | | | | | |
|----------------------------|--|-------------|--|--------------|---------|---------|---------|--------|----|-------------|-------|--------|-------|----------------------------|-----|-------|-----|-----|----|
| 1. | Language Enhancement Quality Circle | FED | 1) 715 students completed STEP course offered by The Hindu. 2) ECHO club events were enhanced. 3) Organized Freshman Literati Fest. -24, An Inter - Collegiate event. Total Participants: 512 Host Institute: 466 Other institutes: 46 | | | | | | | | | | | | | | | | |
| 2. | Innovation and Entrepreneurship Enhancement Quality Circle | FED | 1) A team of 72 I B. Tech. students has exclusively designed and organized a program titled 'Udyavishk - 2K25'. As a part of this program various events were hosted: Creative Crew, Treasure Trackers, Chill Mates, Spotlight Squad, Color Fusion, Visionary Vanguarders, Brain Spark, Rising Icons Students approached various sponsors and collected an amount of Rs. 1, 08, 500/-. All the expenses of this summit were borne by this sponsorship amount. 2) Increased participation from students in events organized by EDC & IIC. 3) 2 students went to IIT Bombay for Idea presentation | | | | | | | | | | | | | | | | |
| 3. | Research Quality Circle | FED | 1) 4 faculty members received seed money - 3 L 2) 1 faculty member has received Doctorate degree 3) 6 patents were published 4) Publications <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Publications</th> <th>2022-23</th> <th>2023-24</th> <th>2024-25</th> </tr> </thead> <tbody> <tr> <td>Scopus</td> <td>20</td> <td>28 (25 + 3)</td> <td>20</td> </tr> <tr> <td>Others</td> <td>7</td> <td>6</td> <td>9</td> </tr> <tr> <td>Total</td> <td>27</td> <td>34</td> <td>29</td> </tr> </tbody> </table> | Publications | 2022-23 | 2023-24 | 2024-25 | Scopus | 20 | 28 (25 + 3) | 20 | Others | 7 | 6 | 9 | Total | 27 | 34 | 29 |
| Publications | 2022-23 | 2023-24 | 2024-25 | | | | | | | | | | | | | | | | |
| Scopus | 20 | 28 (25 + 3) | 20 | | | | | | | | | | | | | | | | |
| Others | 7 | 6 | 9 | | | | | | | | | | | | | | | | |
| Total | 27 | 34 | 29 | | | | | | | | | | | | | | | | |
| 4. | Academic Quality Circle | FED | 1) Result <table border="1" style="margin-left: 20px;"> <thead> <tr> <th></th> <th colspan="2">2023-24</th> <th colspan="2">2024-25</th> </tr> <tr> <th></th> <th>SEM -1</th> <th>SEM-2</th> <th>SEM -1</th> <th>SEM-2</th> </tr> </thead> <tbody> <tr> <td>No. of Students Registered</td> <td>753</td> <td>745</td> <td>828</td> <td>818</td> </tr> </tbody> </table> | | 2023-24 | | 2024-25 | | | SEM -1 | SEM-2 | SEM -1 | SEM-2 | No. of Students Registered | 753 | 745 | 828 | 818 | |
| | 2023-24 | | 2024-25 | | | | | | | | | | | | | | | | |
| | SEM -1 | SEM-2 | SEM -1 | SEM-2 | | | | | | | | | | | | | | | |
| No. of Students Registered | 753 | 745 | 828 | 818 | | | | | | | | | | | | | | | |

| | | | | |
|------------------------|--------|--------|--------|--------|
| No. of Students Passed | 490 | 513 | 635 | 669 |
| Pass % | 65.07% | 68.86% | 76.81% | 81.78% |

2) Certification courses offered and done by students

| Name of the Course | No. of Certifications |
|--|-----------------------|
| STEP | 715 |
| Programming for problem solving using 'C'. | 827 |
| Total Certifications | 1,542 |

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. Increased awareness in students on the work style in industry.

4) Mathematics foundation course was conducted to all students in both the semesters to strengthen basics in Mathematics. Result in Mathematics has improved.

| A. Y. | 2023-24 | 2024-25 | IMPACT |
|-------|---------|---------|--------|
| SEM-1 | 88.45 % | 92.75 % | 4.3 % |
| SEM-2 | 72.89 % | 88.02 % | 15.13% |

5. Green Quality Circle FED

1) The One Week FDP on Health, Happiness and Wellbeing for Women faculty has created an awareness on maintaining a healthy and happy work life balance in women.

2) YES+ workshops by the Art of Living were conducted, to all students in CE and ME after which an improvement in students' concentration levels was observed. The increased pass percentage compared to previous years reflects this positive impact.

| | 2023-24 | | 2024-25 | |
|----|---------|-------|---------|--------|
| | SEM -1 | SEM-2 | SEM -1 | SEM-2 |
| CE | 753 | 745 | 828 | 66.67% |
| ME | 490 | 513 | 635 | 38.60% |

3) T. Durga and Jagadeesh and B. Eeswari from I year have been selected for JNTUK Men and Women team on International Yoga Day – June 21st, 2025.