

PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA -7
(AUTONOMOUS)

Freshman Engineering Department

RQC: Research Quality Circle

Action Plan for the A. Y. 24 -25

- 1) To conduct research meetings regularly.
- 2) To motivate faculty to publish papers in quality journals.
- 3) To motivate faculty to apply for funded projects.
- 4) To motivate faculty to take up research projects.
- 5) To motivate faculty who haven't registered for Ph. D. Program to register and who have registered to complete the program.
- 6) To motivate faculty to participate in seminars, workshops, conferences etc.

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Research Quality Circles

4. WHY?

The quest for knowledge is the basic principle behind research. The quality of research work is directly proportional to the quality of teaching and learning in the classroom, thereby benefiting the students, the society and the country. Academic research has the power to alter how a particular subject is viewed and expands the teacher's knowledge and competencies of the subject which in turn expands the horizons in teaching. Taking this into consideration research circles have been formed for Physics, Chemistry, Maths, English and ES.

5. AIM:

The main aim of Research Quality Circle is to explore new avenues of knowledge, encourage and promote research culture in the department. Besides, faculty members are encouraged to pursue their research and publish their findings.

6. EXPECTED OUTCOMES:

The expected outcomes are to increase the number of publications in scopus indexed journals in the respective subjects and the participation of faculty in conferences, seminars, workshops etc.

7. TEAM:

Convener: Dr. M. Srilakshmi, Professor of English & HOD - FED

Faculty coordinators: All First Year Faculty

2024-25

EVENTS ORGANISED

- 1) Periodic research circle meetings
- 2) Muffle furnace established in Nano Technology Research Lab for faculty to pursue research work.

Outcomes

- 1) 4 faculty members received seed money -3 L
- 2) 1 faculty member has received Doctorate degree
- 3) 6 patents were published
- 4) 2 faculty members have registered for Ph. D. program
- 5) Dr. P. Pavani received a project funding of \$ 2000USD from ANETARA LLC, USA, for her research on Nano Bio fertilizer. She has completed the project.

1) Publications

S. No.	Journal Type	Number of Papers
1.	International Journals	1
2.	Scopus Indexed	20
3.	Sci Indexed	7
8.	E-Sci	1
9.	Books/ Book Chapters	3

2) Papers presented in conferences

S. No.	Conference Type	Number of Papers
1.	International Conference	18
2.	National Conference	2