

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

Freshman Engineering Department

RQC: Research Quality Circle

Action Plan for the A. Y. 23-24

- 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 to publish patents

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Research Quality Circles

1. 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.

2. 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.

3. 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.

2023-24

TEAM:

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

Faculty coordinators: All First Year Faculty

EVENTS ORGANISED

- 1) Periodic research circle meetings
- 2) 2 faculty are pursuing Ph. D. in Nano Technology Research Lab
- 3) A seminar on Research funding, patents, publications in science and technology was organized to all the faculty of Physics, Chemistry & ES on the occasion of National Science day.

Outcomes

- 1) 5 faculty members received seed money - 3.12 L
- 2) 3 Patents Were Published
- 3) Dr. Pavani Peddi received a project funding of \$2,000 USD from ANETARA LLC, located at 123 W Stableford Dr, Duncan, SC, 29334, USA, for her research on Nano Bio Fertiliser. The amount of 1, 65, 925 rupees was credited on June 4, 2024.
- 4) Publications

S. No.	Journal Type	Number of Papers
1.	International Journals	4
2.	Scopus Indexed	26
3.	UGC	3
4.	Conference proceedings	4
4.	Book Chapters	4

- 5) Papers presented in conferences

S. No.	Conference Type	Number of Papers
1.	National Conference	1