

Research Promotion – Management Initiatives

QUALITY POLICY- ISO

To impart quality education in Science, Engineering and Technology, nurturing right attitudes towards scholarship, research and entrepreneurship, enabling students to meet the challenges of industry, society and environment

Achieved by

1. **Providing excellent infrastructure and conducive learning environment**
2. **Building a harmonious working culture and motivating every member to bring out the best in them.**
3. **Inculcating ethical values, environmental awareness and developing competence and soft skills in every student.**
4. **Encouraging faculty and students to engage in Research activities.**
5. **Committing to comply with leading requirements and continuously improving effectiveness of Quality Management System.**
6. **Associating with leading Industries and Institutions.**
7. **Responding promptly to changes in Technology**

Research Objectives of ISO

1. The number of quality papers published in National and international journal should be equal to 20% of total faculty strength, in every year.
2. The number of Research proposals submitted to various funding agency should be 30% of total faculty strength, in every year.
3. Receiving at least one externally funded project by every eligible department, every year.
4. Mentoring at least two graduate students from each department to do research and subsequently publish at least two papers in journals, every year.

The College is conducting two major annual research events like (i) **Students' Research Day** on every third week of March (ii) **Faculty Research Day** on every third week of April. The same planned and the event dates are printed in College Calendar

Management encouraging Research Activities

- (i) [Incentives for Papers published in UGC journals and Anna University list of National/International Journals](#)

Guidelines to award incentive for paper publication

Category I - Papers with students (one or more, as co-authors) of the SVCE Departments and the same listed in Anna University List of Journals or have prominence to the highest standard (SCI), as decided by members of the committee - incentive Rs. 5000/-

Category II - Papers with students of the SVCE Departments and published in UGC listed journals or having less prominence as decided by the members of the committee - incentive Rs. 2000/-

Category III - Papers without students of the SVCE Departments and listed in Anna University list of Journals or have prominence to the highest standard as decided by members of the committee - incentive Rs. 2000/-

Category IV - Papers without students of the SVCE Departments and published in UGC listed journal with impact factor or having less prominence - incentive Rs.1000/-

- (ii) [Performance based incentive for PhD qualified Faculty.](#)

Guidelines to Distribute Incentive for PhD qualified faculty

Category I : Incentive for the Professors and Associate Professors

1. Mentoring Research Scholar from Anna University (20%)

Members of the faculty are eligible to get 20% of incentive if they guide/supervise either part-time or full time research scholars registered through SVCE research centers. Role of joint supervisor is not eligible.

2. Proposal submission two per year (5%)

A minimum of two proposals are to be submitted for external funding in a Academic year.

3. External funded projects received (10%)

Eligible to receive 10% of incentive if the members of faculty get funded projects from external agencies.

4. Patent (15%)

Obtaining Patent rights for innovative ideas/products will sanction 15% of incentive.

5. External grants received to conduct Conferences/seminar/WS/FDP (5%)

External grants received to conduct conferences/Workshop/seminar/FDP with any one of the above mentioned activities will entitle 5% of incentive.

6. Research papers presented in Conferences (5%)

Research papers presented in conferences will entitle 5% of incentive.

7. Publication of paper (5%)

5% of the incentive will be given to members of faculty who publish papers in National/International journals of repute.

8. Research awards (10%)

Members of faculty who received Awards for research contributions from recognized bodies like AICTE/UGC/State govt./central govt. organization are eligible for 10% of incentive.

Category II : Incentive for the Assistant Professor

1. PhD qualification (10%)

Members of the faculty are eligible to get 10% of incentive for PhD qualification. (Provisional degree mandatory)

2. Mentoring Research Scholar from Anna University (20%)

Members of the faculty are eligible to get 20% of incentive if they guide/supervise either part-time or full time research scholars registered through SVCE research centers. Role of joint supervisor is not eligible.

3. External funded projects received (10%)

Eligible to receive 10% of incentive if the members of faculty get funded projects from external agencies.

4. Patent (15%)

Obtaining Patent rights for innovative ideas/products will sanction 15% of incentive.

5. External grants received to conduct Conferences/seminar/WS/FDP (5%)

External grants received to conduct conferences/Workshop/seminar/FDP with any one of the above mentioned activities will entitle 5% of incentive.

6. Research papers presented in Conferences (5%)

Research papers presented in conferences will entitle 5% of incentive.

7. Publication of paper (5%)

5% of the incentive will be given to members of faculty who publish papers in National/International journals of repute.

8. Research awards (10%)

Members of faculty who received Awards for research contributions from recognized bodies like AICTE/UGC/State govt./central govt. organization are eligible for 10% of incentive.

SVCE- Best Practices in Research

Our institution is having dedicated team of research committee in all departments headed by Dr.R.Muthucumraswamy, Dean(Research) and it is very active in guiding both faculty and students to pursue research in leading edge technologies. Research Dean may constitute a research advisory committee at the college level with outside experts. A senior teaching faculty member in the department will be nominated as Research Objective Leader to represent the department research related issues to management
Impact of the recommendations of research committee:

- Departments developed its own research lab facility to expedite research activities
- Many faculty members and students encouraged to attend national / international conferences
- Departments sponsored good number of faculty members for a national /international level technical events, workshops, FDPs, Seminars etc.,
- A good number of National / International Conferences, Workshops, FDPs are regularly being organized to update our knowledge on par with industry standards

- Cash award provided for research publication by faculty members for both national / international journal publication
- Guided the faculty members for getting the funded project and the required motivation is given for implementing the funded projects
- Sabbatical leave is provided with full motivation for the faculty members to pursue doctoral studies
- Regular technical talks / interactions are being organized in latest research topics by Dean-Research for involving younger faculty members to pursue research
- Entertaining faculty Members for industrial consultancy projects in their field of expertise through Industry Institute Interaction Cell
- Maintaining the research status from Anna University by publishing at least 2 quality research papers in national or international journal.
- Working to receive at least one externally funded project per department
- To attend at least one research seminar/symposia/workshop by every member of the faculty
- To mentor at least 2 graduate students to do research and subsequently to publish at least 2 papers in journal.
- To guide research scholars in line with university requirements
- Annual research event conducted for Students titled “Student Research Day”, in the month of March every year to exhibit their innovative models/ideas
- Annual Research event conducted for Research scholars and faculty titled “Faculty Research Day”, in the month of April to present their research findings in respective departments.
- Management sponsored registration fee to file patents in Intellectual property rights
- Annual incentive is also paid regularly by the Management based on the research performance of the PhD qualified faculty.
- **One additional increment is granted for the faculty receiving PhD degree.**
- Intramural grant Rs.2,00,000 is sanctioned by the Management for UG/PG students projects(each one lakh UG and PG)
- A proportionate amount is awarded to the Principal Investigators who is carrying out a funded project