RESEARCH PROMOTION POLICY



MOUNT ZION
COLLEGE OF ENGINEERING AND TECHNOLOGY
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Vision & Mission

Vision

- To be the preferred choice of students who aspire to become Engineers of the highest calibre.

Mission

- Provide world-class physical and digital infrastructure and learning environment.
- Develop the competencies of students to make them job-ready and entrepreneurs.
- Facilitate mental, physical, emotional and spiritual development of students and ensure their holistic development.
- Preserve the environment through the implementation of eco-friendly and sustainable practices.
- Serve the community through skill development and other need-based services.
- Establish sustainable partnerships with industries and R&D laboratories for mutual benefit.

1.INTRODUCTION

Research is the creative and systematic work undertaken to increase the stock of knowledge. It builds state of the art facilities, undertake the research in newly emerging frontier areas of Engineering and Technology, promote research publications and funding, provide eco-system for innovation and entrepreneurship, provide support for consultancy and enhances the general research capability of budding technocrats by way of participating in conferences, seminars, workshops, project competitions, etc. Taking these into considerations, Mount Zion College of Engineering and Technology framed and implemented its research policy.

1.1 Research and Development Cell

Research and Development Cell in Mount Zion College of Engineering and Technology aims to cultivate a research culture in the college by promoting research in newly emerging and challenging areas of Engineering, Technology, Science and Humanities. It encourages the students and Faculty to undertake the research in newly emerging frontier areas of Engineering, Technology, Science and Humanities including multidisciplinary fields. This enhances the general research capability of budding technocrats by way of participating in conferences, seminars, workshops, project competitions, etc...

1.2 Aim

- To create a vivacious environment of research among faculty members and inculcate research skills among students.
- To make research and development activities on par with industries.
- To promote multidisciplinary research in the thrust areas of research having social relevance.
- To improve the Research Papers Publication / Presentation in referred journals and conferences
- To develop Institute- R&D Organization - Industry Collaboration

2.OBJECTIVES

- To establish a Research and Development Centre with state of the art facilities.
- To create awareness and make research culture among the students and faculty members in every department.
- To frame a research team by connecting leading researchers and technically sound students and making them involved in interdisciplinary and multidisciplinary research activities.
- To promote faculty members and students to publish their technical papers in reputed National and International journals and Conferences.
- To encourage faculty members and students to submit their novel ideas as proposals to the reputed funding agencies as a measure of embarking on new ventures.
- To guide faculty members and students to visit nearby core industries, get technical problems faced by the industries and provide appropriate expert options and solutions to them as consultancy.
- To establish an Incubation Centre and encourage the students to build new products which are the needs of society and make them entrepreneurs.

3.DESCRIPTION OF POLICY

3.1 Research Promotion for Students

- Students are encouraged to participate in workshops, seminars, paper presentation and project competitions.
- They are motivated to undertake both in-house and industry based projects.
- Guest lectures, workshops and industrial visits are regularly arranged to focus on thrust areas.
- Financial assistance is given for developing the experimental setups for the innovative/socially relevant project work.
- Students are encouraged to submit research proposals under Student Project Scheme to External Funding Agencies on selective topics.

3.2 Research Promotion for Faculty

- This Institution is extending financial assistance for incurring expenditure by the Faculty under registration fees, TA/DA, etc, for participation in National & International conferences (India and Abroad), Workshops, Seminars, FDP, etc.
- Faculty members are sponsored to pursue higher studies.
- Incentives for publishing papers and journals.
- Incentive to Faculty for receiving research grant from external funding agencies of the Government of India.
- Faculty members are encouraged for interacting with the outside world such as chairing Technical session/keynote speakers in National/International Conferences, Seminar, Workshop and Guest lecture
- Management extends financial assistance for procuring required things/articles to carry out the research activities.

3.3 Guidelines for Financial Assistance

- The financial assistance for participation (paper presentation) in the International Conference (Abroad) will be considered subject to the approval of the research paper by the domain experts and also the credibility of conference and its organizers.
- In the case of international conference abroad, a faculty is eligible for sponsorship only once in the block period (i.e., once in three years). In case of conferences in India, the financial assistance is extended twice in a year.
- A faculty must submit proposals requesting financial assistance at least three months before in case of International Conference (abroad) and three weeks before in case of conference / Training Programmes / FDPs within India.
- The financial assistance is on reimbursement basis subject to the production of vouchers for registration fee, travel tickets, other bills and the report on the outcomes of the Conference / programme attended.

3.4 Code of Ethics in Research

- To ensure the quality of all research activities of the college and to observe the highest standards of ethics and integrity in conduct of research, all researchers/faculties are supposed to follow research ethics without deviation.

3.5 Expected Outcome of Research

The outcome of the research as follows

- Funded projects
- Patents
- Journal paper
- Conference paper
- Books
- Book Chapter
- Technical Reports
- Product development
- Case study

3.6 Scope for Future Development

- Institute encourages PhD holders to pursue post-Doctoral research in reputed foreign Universities and research collaborations with industry and Institution.

4.PERSON RESPONSIBLE

The Programme Officer,
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