

# **RESEARCH POLICY**

**2021-2022**

**(Revised)**



## **MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**

UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad). Accredited 2<sup>nd</sup> time by NAAC with 'A' Grade, Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad Telangana State – 500100 [www.mrec.ac.in](http://www.mrec.ac.in)

**July-2021**



## MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

(UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad). Accredited 2<sup>nd</sup> time by NAAC with 'A' Grade, Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad  
Telangana State – 500100 [www.mrec.ac.in](http://www.mrec.ac.in)

# RESEARCH POLICY

Malla Reddy Engineering College (MREC) was established with a vision, 'To be a premier center of professional education and research'. The Institute has developed excellent facilities, both in terms of infrastructure and scholastics. MREC encourages faculty members and students to undertake sponsored research projects with a commitment to serve the society. Research is the foundation of knowledge that brings new energy, builds state of the art facilities, promotes research publications, develops collaborations and becomes part of active community that shares the mission objectives. Taking these into considerations, MREC framed and implemented its Research Policy.

### 1. Purpose

The purpose of the Research Policy is to create a vibrant atmosphere of research among faculty and inculcate research aptitude among the students. The policy shall serve as an overall framework within which research activities may be carried out. It also aims to identify thrust areas of research having social relevance and thereby supplementing the vision and mission of the college. The Research policy also emphasizes contribution towards society and to the nation at large.

### 2. Scope

This Research Policy forms the basics of the research ethics of the college and is implemented in all the departments and it serve as the guidelines for the functioning of the Research council of the college.

### 3. Custodian of the Policy

The implementation and updating of the research policy is carried out by the R&D Coordinator. The Research Policy shall have a Research and Development Committee to function under the Principal, MREC and Academic Council, to assist and advise in matters related to research within the college.

### 4. Objectives of Research Policy

The Principal objectives of the Research Policy are as follows:

- a) To develop desired awareness regarding research in the faculty of MREC.
- b) To establish a right kind of research culture through various research initiatives and programs.
- c) To encourage faculty members to publish research papers and undertake various research projects of social and academic importance.
- d) To create awareness in the society through various research initiatives and by giving due publicity to the socially useful research projects that will be undertaken by the college.
- e) Conduction of Research Meetings at least once in a semester and whenever required.

#### **5. Research and Development (R&D) Centre:**

To achieve high quality research ambience in the Institute, a Research & Development Centre is set up with the objective of developing the strategic plan for scientific and technology research and ensuring the implementation of such plans. The R&D Centre provides specialized administrative and managerial support for the operation of academic research, sponsored research, consultancy and other R&D related activities of the Institute. This Centre is available round the clock for faculty and students for research work.

#### **6. Committee for Promotion of Research**

To assist the young researchers, R&D committee is established. Responsibilities of the committee include giving awareness to faculties in securing research grants, publication support and coordinate the college R&D activities.

#### **7. Incentives for Publications**

In order to motivate the faculty members towards research and publishing their research findings in reputed journals with impact factor, incentives are given to faculty members.

| <b>S.No</b> | <b>Nature of Publication</b>      | <b>Honorarium Amount (Rs.)</b> |          |
|-------------|-----------------------------------|--------------------------------|----------|
| <b>1</b>    | SCI Journals                      | 15,000/-                       |          |
| <b>2</b>    | SCOPUS/Web of Science             | 12,500/-                       |          |
| <b>3</b>    | Text Book Publishing with ISBN No | 15,000/-                       |          |
| <b>4</b>    | Book Chapter Publishing           | 7,500/-                        |          |
| <b>5</b>    | Patent Publishing                 | National                       | 7,500/-  |
|             |                                   | International                  | 10,000/- |
| <b>6</b>    | Awards                            | 5,000/-                        |          |

|   |  |  |
|---|--|--|
| 7 | Proceedings in <b>IEEE/ASME/ASCE/SPRINGER/ELSEVIER/SCOPUS</b> Indexed Conference organized by reputed institutions/organizations (IISc./IIT/NIT, etc.) | 7,500/-  |
| 8 | International level conferences/Seminars/Workshops organized by reputed institutions/organizations (IISc./IIT/IIT/NIT, etc.)                           | Upto a maximum of Rs.3000/- towards registration fee and maximum of Rs. 2,500 towards TA/DA.   |
| 9 | International level conference/workshop organized at outside India   | <ul style="list-style-type: none"> <li>i. No financial support for the mere participation.</li> <li>ii. For presenting a paper, the financial support will be paid to cover TA, DA.</li> </ul> |

#### 8. Sponsored Research

- i. Full autonomy has been given to the faculty members to carry out the research as per terms and conditions given by funding agencies.
- ii. All the appointments related to projects (Junior research fellow/Senior research fellow/Research Assistants/Institutional Fellow) will be contractual and on the basis of consolidated monthly emoluments prescribed by the Sponsoring Agency or the institute.
- iii. The tenure of appointment of a project staff will be for the duration of the project.
- iv. The selection of project staff shall normally be made as per the guidelines provided by the sponsoring agency and with the approval of Principal through the Coordinator (R&D).

#### 9. Financial Supports for Sponsored Research

- i. Within the framework of a sponsored project, PIs shall be permitted to have consultancy fee/honorarium, if the sponsor so approves.
- ii. Depending on availability of funds under Travel head and with the approval of the Principal, expenses (TA, DA, Registration Fee, etc.) for presenting papers in National Conferences in fields relevant to the project shall be given to PIs/Co-PIs from the project fund.
- iii. On recommendations of PIs and with the approval of Principal, project staff and students in the projects may be permitted to present papers in conferences. If funds are available under Travel head, then TA, DA and Registration Fee support may be provided.

## **10. Research by Seed Funding**

The college provides seed grant to support research in all frontier areas of Science, Engineering, Technology and Management studies by its faculty members. New faculties are encouraged to apply. Details of the seed money policy are given on page no. 7.

## **11. Consultancy and related Services:**

The college encourages its faculty members to carry out consultancy. On completion of the work, the honorarium on approval of the Principal may be distributed on a case by case basis. Details of the consultancy policy are given on page no. 9.

## **12. Faculty Development & Research Interactions:**

To get expertise in specific domain and promote the research interest, MREC (A) is providing financial help (Registration/course Fee and TA/DA) to faculty members attending International Conference/Seminar/Research Workshop in abroad and in India. A faculty can avail these benefits once in an academic year. TA/DA and Honorarium is allowed for the experts coming to MREC (A) for Research Interactions and Collaborative Research works.

## **13. Ethics in Research**

With a focus on integrity and accountability, the college has well defined rules for all research activities. Details of the research ethics policy are given on page no. 10.

## **14. Intellectual Property**

- i. The college aims at strengthening its research leading to filing patents.
  - ii. Incorporating institutional affiliation is mandatory for submission of Patent claims/proposals.
  - iii. The college incentivizes its faculty members for filing application.
  - iv. In case of commercialization of the patent, the revenue so generated is shared by the college and the researcher on a ratio fixed from time to time.
- 15.** This policy stands recommendatory but not sacrosanct pertaining to incorporating dynamic changes and need based modifications.

  
**DIRECTOR**  
**DIRECTOR**  
Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
Post Via Kompally, Sec bad-500 100

## SEED MONEY POLICY

MALLA REDDY ENGINEERING COLLEGE RESEARCH PROMOTION SCHEME (MRECRPS) provides grant to support research in all frontier areas of Science, Engineering, Technology and Management studies by its faculty members. The scheme provides research support to the active faculty researchers. It encourages individual centric competitive mode of research for funding.

**Objective:** The scheme provides research grant to interested faculty researchers to take-up research work.

**Eligibility:** Faculty of every department can apply for seed money who is interested to take up research and convert innovative ideas into a product. New faculties are encouraged to apply.

### Selection Criterion:

- The scheme provides research support to an individual or two faculty researchers who act as PI and Co-PI.
- The funding is provided for equipment and consumables not exceeding two lakh rupees.
- Only one proposal can be applied by an applicant during a year.
- Faculty should not have any on-going project.
- Any proposal technically rejected should not be resubmitted without any substantial revision.
- Project proposals related to societal needs are encouraged.

### Terms and Conditions:

- Out of the total sanctioned amount, 50% would be released after project sanction and remaining after evaluation of the progress report.
- For the PI whose project got sanctioned is leaving the college, he/she shall obtain NOC and submit the same to the college.
- The host department shall maintain the details and progress of the project from time to time.
- The department shall ensure the project grants to be utilized only towards the research project for which it is been sanctioned.
- The grant released for the project if unutilized is to be surrendered to the college.

  
DIRECTOR


DIRECTOR

Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
Post Via Kompally), Sec'bad-500 100

## CONSULTANCY POLICY

The College has capability in various research areas to offer knowledge and scholarly inputs which are of significance to the industry and other organizations. It encourages its faculty to carry out consultancy work. Following guidelines will be used for engaging in any consultancy work:

1. A consultancy project/work is one where faculty and research staff provides knowledge and intellectual inputs to industry, primarily for their purposes.
2. All payments for consultancy work must come in the name of the Principal, Malla Reddy Engineering College.
3. The requirement originates from the industry concerned.
4. The industry person is expected to approach the head of the institution.
5. The head of the institution will convene the meeting of the college consultancy committee and direct the work to the concerned department heads for further action.
6. HoDs will analyze the technical nature of the consultancy work and identify suitable investigator from the faculty members based on the specialization, experience etc.
7. Departments may also approach the industry through proper channel for carrying out the consultancy work.
8. The faculty is expected to estimate the time and cost required to accomplish the task.
9. Based on the needs of the client and circumstances, the college may permit commencement of work with payment to be made as per agreed upon milestones.
10. After completion of the project, final report should be submitted to the industry.
11. Consultancy assignments may be taken up and implemented provided they do not have any adverse impact on the ongoing academic, research and related activities.
12. The services of employees of the college may be utilized for the execution of the consultancy projects provided it does not affect their primary functions and responsibilities to the College. Such work by employees may be compensated by suitable honoraria.
13. Travel out of the campus on account of consultancy activities should be undertaken with intimation to the Head of the Department.
14. Publication arising from consultancy work shall include the faculty affiliation of the institute and acknowledge for the facilities used.

  
**DIRECTOR**  
Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500 100.

# RESEARCH ETHICS POLICY

MALLA REDDY ENGINEERING COLLEGE (MREC) is steadfast in promoting and maintaining high values of integrity and accountability in the conduct of academic research and is dedicated to embed and endorse a culture of honesty and transparency in all its institutional activities. This document provides recommendations on good practice in academic research at MREC. In addition, it educates and monitors faculties and students conducting research to ensure a high ethical standard. Following are the ethical guidelines:

1. Researchers should have mutual trust and understanding for free exchange of ideas.
2. Researchers should discuss and agree upon the result/publication credit throughout the research process to acknowledge the contributions.
3. There should be honest reporting of facts and findings.
4. Scholarly opinions should be collaborated with scientific knowledge and respected.
5. Research should be conducted with a sense of responsibility and the process/results should stand the legal norms.
6. Results should be published in journals/conference proceedings to make it widely available for the research community.
7. Faculties are encouraged to create an environment of mutual cooperation for furthering the mission and vision of the college.
8. Faculties are encouraged to attend training programs/workshops to enhance their research capabilities.
9. Researchers must not involve themselves in any form of academic misconduct such as misinterpretation, plagiarism, violations of intellectual property rights, deviation from college rules etc.
10. Project thesis should be submitted for anti-plagiarism check for the quality and if the similarity information is less than 24%, then only thesis will be accepted for submission.
11. Investigation of research misconduct shall be carried out by the Research Ethics Committee.
12. Based on the investigation report and recommendations of the Ethics Committee, appropriate actions may be initiated after duly listening to the respondent.

  
**DIRECTOR**  
**DIRECTOR**  
Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
Post Via Kompally), Sec'bad-500 100