MUTHAYAMMAL COLLEGE OF ART AND SCIENCE

RESEARCH POLICY

Introduction:

The research policy of Muthayammal College of Art and Science is designed to foster a culture of inquiry, innovation, and scholarly pursuit among its faculty and students. Recognizing the evolving landscape of research and academia, this policy aims to provide a structured framework that aligns with national research standards while catering to the unique needs of our institution.

1. Paper Publication and Incentives:

The college strongly encourages faculty members and students to actively contribute to the academic discourse by publishing original research papers in recognized and reputable journals. To recognize and reward the efforts of faculty members, the institution will provide publication incentives for their published work. (*For detailed information refer Publication Policy*)

2. Patent Filing:

The institution supports and promotes innovation by encouraging faculty members and students to file patents for their innovative research work. Financial support will be extended to facilitate the patent filing process.

3. Research Seed Money:

To facilitate and enhance research endeavors, the college shall offer financial aid to faculty members for their research initiatives. Additionally, individuals will be encouraged to seek external funding from prestigious agencies like UGC, DBT, DST, and other relevant bodies. (*For detailed information refer Seed Money Policy*).

4. Innovation and Product Development:

Encouraging the development of innovative products with commercial potential, the college will support, facilitate and incubate faculty members and students engaged in such endeavors.

5. Research Methodology for PG Students:

Ensuring alignment with contemporary trends, the institution will revise and update research methodologies curriculum recommendation for postgraduate students.

6. Guidance for PhD Scholars:

Faculty members will be encouraged to actively mentor and guide PhD scholars. Financial assistance shall be provided for faculty members and students attending workshops and seminars relevant to their research interests.

7. Acknowledgement Protocol for Research Outputs:

Faculty members and students utilizing college facilities or funds are required to acknowledge the support received in their research outputs, including publications, on platforms such as journals and Google Scholar.

It is mandatory to express gratitude by acknowledging the funding agency, DST FIST, for providing internal instrumentation facilities, and acknowledging the college for its support. This acknowledgment should be prominently featured in all research outputs, including publications and listings on platforms like Google Scholar.

8. Research Infrastructure:

The college is committed to offering cutting-edge infrastructure to bolster and sustain research activities across various disciplines. Faculty members and students are encouraged to leverage these resources effectively for their scholarly pursuits. The state-of-the-art infrastructure includes but is not limited to:

Laboratories: Equipped with modern apparatus for specific disciplines such as:

- Molecular biology and biotechnology lab

- Chemistry lab with advanced spectroscopy and analysis instruments

- Physics lab with specialized equipment for experimental research

- Computer labs with high-performance computing facilities

- Centralized Instruments – HPLC, UV Spec, FTIR, Gel Doc, RTPCR, Animal House

Research Libraries: Access to comprehensive databases, digital resources, and subscriptions to prominent journals and publications both in print and electronic formats. Plagiarism software access Turnitin and Urkund.

Research Support available to assist in operating complex instruments, Research fund raising guidelines to assist faculty and students in navigating external funding opportunities and grant applications.

9. Workshops, Seminars, and Research Events:

The institution actively promotes and facilitates engagement in a spectrum of intellectual gatherings such as workshops, seminars, and conferences tailored to various research domains. These events serve as platforms for scholarly discourse, knowledge dissemination, and networking opportunities for faculty members and students alike. The institution encourages active participation, both as attendees and presenters, fostering an environment that nurtures intellectual growth and academic advancement.

Furthermore, the institution shall provide support in terms of logistical assistance, funding for registration fees, travel grants, and resources necessary for hosting such events within the college premises. This support aims to encourage the organization of intra-institutional and inter-institutional events, ensuring a vibrant academic environment conducive to research exchange and collaboration.

10. Collaboration (MoU) and Institution Visits:

Faculty members and students are strongly encouraged to cultivate collaborations with other esteemed research institutions/industries and actively participate in reciprocal visits. Such collaborations foster an exchange of ideas, methodologies, and expertise, thereby enriching the intellectual landscape and promoting interdisciplinary learning.

The institution facilitates these collaborations by providing networking platforms, establishing Memorandums of Understanding (MoUs) with other institutions/industries, and allocating resources to support collaborative projects. This initiative aims to encourage cross-pollination of ideas and methodologies, nurturing a culture of shared learning and innovation.

11. Transition to Full-time Research:

Recognizing the aspirations of faculty members seeking to transition into full-time research roles, the institution offers a structured framework to facilitate this career transition. Support mechanisms include mentorship programs, career counseling, and financial aid designed to assist individuals in pursuing their research aspirations.

Financial support may encompass research grants, sabbatical opportunities, and fellowships aimed at enabling faculty members to dedicate their time and efforts towards research activities. Additionally, professional development programs and access to research infrastructure are provided to aid in the successful transition from teaching-focused roles to full-time research endeavors. (*For detailed information refer to the Research Policy for MCAR*).

Conclusion:

This policy is a testament to our commitment to promoting a vibrant research ecosystem within Muthayammal College of Art and Science. It aims to empower and support our academic community in their pursuit of scholarly excellence and innovation.