RESEARCH POLICY

&

RESEARCH ETHICS POLICY



JAMAL MOHAMED COLLEGE
(*Autonomous*)
Accredited (3rd Cycle) with 'A' Grade by NAAC
(Affiliated to Bharathidasan University)
Tiruchirappalli – 620 020, Tamil Nadu.

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I. RESEARCH POLICY

Research policy provides a broad framework to guide and carry out research activities for faculty members and students. The reputation of any educational institution depends on research productivity and innovation. The present research policy of our college, aims to have rich research culture on the campus and encourage innovative research activities to faculty members and scholars towards the betterment of the institution and society.

1. Research Objectives

The objectives are significantly contingent upon the orientation of the faculty with all the aspects of research initiatives that have been undertaken in the college. The primary purpose of the research policies are as follows:

- To integrate research activities in basic and applied research relating to societal and career development.
- To create transparent, effective, and efficient systems for innovative research and outcomes.
- To motivate the faculty members, research scholars, and students to undertake quality research and to publish quality research articles in well-reputed national and international journals.
- To create awareness of Intellectual Property Rights (IPR) among the faculty members, research scholars, and students and encourage them to get patents and copyrights.
- Assistance also given to get externally funded projects offered by central and state government funding agencies.

2. Formulation of Research Committee

The research committee is formulated by the college management committee under the chairmanship of Principal. The committee constitutes of external members and Deans of Arts and Science, Bursar, IQAC Coordinator, Dean of Research, Research coordinator and teacher representatives. The research committee is the regulatory body of the college to formulate policies and guidelines and effectively implement the practices towards enhancement of research activities.

3. Seed Money grant for promotion of research

The college supports and encourages the faculty members through seed money grant to carry out novel and innovative research. The faculty members, both men and women are solicited to get research advisorship in their area of specialization from the university.

The college provides financial assistance to faculty members through seed money Scheme to start innovative research project in their specialization. Monetary incentives are given to the research guides for their research study, guidance and supervision of M.Phil., and Ph.D. scholars pursuing both full-time and part-time research work. Cash incentives are provided to authors who have published their original research articles in UGC/ Scopus/ Web of Science indexed journals and publication of books with International standard book number (ISBN). In order to encourage the research activity among the faculty members, they are honoured with 'Best Research Award' along with cash prize. This is given separately to faculty members of Arts, Science and women category. Further, the college provides financial support to faculty members to present their research findings in national and international conferences/seminars, participation in skill development training/workshops, and become annual or life time members in provisional bodies.

4. Responsibilities of Principal Investigators (PIs) to sponsors

The legal agreement for a research project (Both minor and major) is carried out between sponsoring/ funding agency and the Jamal Mohamed College. The overall responsibility for managing a project within funding limitations rests with the PIs. Funds must be utilized judicially to remain within the restriction of the contract of grant. Suppose any overdraft should occur or a change of head is requested, PIs must get prior approval from the college administration and the sponsoring agencies. PIs must submit progress and completion reports to funding agencies at periodic intervals as indicated in the sanction order. The actual work plan should be completed within the stipulated time, and expenditure statements or utilization certificates must be submitted as per the budget allocation. Acknowledgment to the funding agencies is mandatory in all publications and other outputs. The final copy of project reports (soft and hard copy), utilization certificate, project completed certificate from respective funding agency should be submitted to Dean of Research office of our college.

5. Responsibilities of research supervisor/guide

The research guides have to lead the research to be carried out by the student's/ research scholars. They oversee scholar's research ethics and provide social and moral advice and guidance. Research supervisors must provide quality research trainings to students/scholars

and socially relevant projects. They should take all the realistic steps to verify the details of procedures and the soundness of the data or observations reported by members of the groups, including periodic reviews of primary data.

6. Responsibilities of research scholars

Each and everyone's contribution is very essential for the growth and success of the college research activities. Students who cleared Ph.D. qualifying entrance examination are eligible to join as a research scholar in our college. The scholars are free to choose their research supervisor/guide and to identify the research problems in their respective field. They should spend time with research supervisor periodically to discuss their research activities and resolve the research problems in a timely and accurate manner. In addition, the scholars have the responsibilities to present their findings in the national and international conferences/seminars and communicate their research manuscripts in well reputed peer reviewed journals. Further, the scholars have the responsibility to assist PIs to submit the annual/final progress reports to central and state government funding agencies.

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II. RESEARCH ETHICS POLICY

Jamal Mohamed College recognizes numerous justifications for upholding ethical standards in research. Promoting high-quality research in the pursuit of knowledge and truth is prominent among them. Our college believes that all researchers understand and abide by local legislation relating to their research. However, all researchers should be aware of the latest status of all research ethics-related laws which are relevant to subject specific research. In this regard, our college research ethics' policy provides a standard framework on Intellectual Properties Rights (IPR), transfer and handling of bio resources and hazardous material, usage of testing animals, microbes, confidentiality of trustworthy information collected from human beings, prohibition of the artificial construction and falsification or misrepresentation of research data. It is crucial for ensuring the trustworthiness of science and humanities with the general public and depends on maintaining the highest ethical standards in research.

1. Objectives

1. To ensure that every research conducted in the college complies with accepted ethical standards and legal requirements.
2. To offer guidelines that will ensure collaborative work may be done without being hampered by conflicts of interest.
3. To protect the rights of human, animal and microbial communities if they are involved in the research.
4. To describe the obligations between research supervisors and scholars.
5. To prevent plagiarism.

2. Formulation of Research Ethics Committee

The research ethics committee is formulated by the college management committee under the chairmanship of the Principal. The committee constitutes of external members and Deans of Arts and Science, Dean of Research, Coordinator of Innovation and Incubation Centre and teacher representatives. The research ethics committee is the regulatory body of the college to formulate policies and guidelines and effectively implement the aims of research such as knowledge, truth and avoidance of error.

3. Environment and lab safety

Research techniques used by the researchers should not violate the established professional ethics, pertaining to health, safety, piracy and other personal rights of human beings or to the infliction of injury or pain on animals. All researchers are expected to incorporate safety and environmental concerns into their research practices. Researchers must follow the environmental guidelines, regulations, laws and appropriate licenses/ permits and clearances should be obtained for the handling, storage or disposal of hazardous materials. The college, research supervisors and scholars are responsible for ensuring the workplace culture secure and that the group's research techniques do not harm the research team, outside participants, or the general public at risk in experimental laboratories.

4. The use of animals in experiments

Any experiment involving the use of animals, researchers must collaborate with the institute possessing IAEC (Institutional Animal Ethics Committee), which operates in accordance with the CPSEA's (Committee for the Purpose of Control and Supervision on Animals).

5. Plagiarism

Authors must use their own words in constructing sentences in research publications. Therefore, if there is a word for copying beyond a short phrase of six or seven words of someone else's text, it should have been cited as an infraction of the law by infringing on a copyright held by the original author or publisher.

6. Fabrication

The researcher should not misuse data, including presenting falsified data in a manuscript, presentation or source for a citation. Research results should be published along with sufficient data based on pertinent observations. The negative impacts are also to have been indicated in the publications.

7. Research outsourcing and acknowledgments

Researchers should acknowledge external service providers for their study, including field study contributors, laboratory and instrumentation facilities utilized at universities/colleges, and third-party hiring.

8. Ownership and access to data

The data obtained during the course of the research at the college belongs to the college property and not the researcher. The discovery of a study that may be patentable should be filed in an invention disclosure form. Every investigator is responsible to the general scientific community to assist by sharing data.

9. Authorship and other publication matters

The research findings should have been published for the benefit of other researchers. Therefore, authorship has been awarded only to the researchers who have contributed to the conceptual design, execution and interpretation of the published one.

10. Duplicate publication

Researchers should publish their results only in one journal. The same data should not be submitted to other journals.

11. Conflict of interest

The research results obtained by the researchers must be submitted to their organization before they leave, particularly the patentable inventions (both soft and hard copies).

12. Obligation to report

Reporting suspected research misconduct is the collective and solemn conscientiousness of all academic community members.

13. Amendment

The research ethics committee reviews its ethics policy in consultation with the college management committee and Principal. The college management reserves all rights to modify the policy to suit the new amendments/guidelines updated by the University Grants Commission, Ministry of Education, Tamil Nadu Government Higher Education Department, and Bharathidasan University.

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