



Shri.Gopinath Mahadeo Vedak Pratishthan's
G.M.VEDAK COLLEGE OF SCIENCE

(Affiliated to University of Mumbai)
Accredited "B+" Grade by NAAC

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Research Policy

Preamble:

To achieve high quality research culture, college makes the objectives for research initiatives, innovations and research productivity. The research of this college looks forward for exploring new ideas, invention in humanities, science and technology and ensure to undertake quality research within the legal framework. The guidelines and provisions of the research policy shall prepare such that it demonstrates a continuous commitment to maintenance of academic standards and quality of research. College makes efforts to create awareness among all stakeholders regarding importance of quality research for society and has been working consistently to create awareness of research specially among the teachers and students.

The Roles and responsibilities of the committee shall have to review the research proposal and finalize the topic of research, to guide the research scholar to develop the study design and methodology of research and identify the course(s) that he/she may have to do, to periodically review and assist the research scholar in the progress of the research work.

Aims of the policy:

This policy shall be implemented along with all other relevant policies approved, revised and published by the college from time to time. Research in G. M. Vedak College is undertaken for pursuit of excellence and accuracy of end results. Therefore, research policy provides guidelines on good and ethical practices in the conduct of research to achieve highest standards.

The research policy looks ahead to creation of conducive research environment by creating focused research group in international standards. This policy also focuses on utilizing the outcome of the research for benefit of society. College aims at promotion of research culture in accordance with the academic standards, legal framework, good governance and ethical practices. This policy looks upon to support research work with high standards and provide a strategy on how to achieve research goals. Some other points are also focused as below.

1. To find out potential research areas for different departments and planning of research activities to develop scientific tempore among faculty members and students.
2. To provide a guideline for the publication in reputed journals.
3. To provide necessary infrastructure to motivate and support research work in our college research centre.
4. To encourage researcher to apply research grants for projects and fellowship from external funding agencies and to provide necessary infrastructure to motivate and support their Principal Investigator in our college for smooth work of research.
5. Promote scholarship/fellowship schemes for researchers

6. To establish linkages between other research institute college will provide required services.
7. To provide financial, infrastructure and human resources to develop and enhance institutional research.
8. Raise the quality of research and the college research profile
9. Enhance external funding for research through different scheme available time to time.
10. Encourage research under MoUs and linkages.

Guidelines to the Researchers:

Since the college affirms its policies to inculcate research culture through various schemes and scholarly efforts. The college strives hard to support research in every manner to provide facilities and protect the interests of college and students.

Following are some guidelines to the researcher.

1. The research conducted at our college should be as per guidelines of UGC.
2. Faculty can select any UGC notified reputed journal for the publication of their work in peer reviewed and UGC listed journals.
3. Authors must make affiliation of G. M. Vedak College when publishing any research papers.
4. Research techniques used by the researchers shall not violate established professional ethics, pertaining to the health, safety, privacy, and other personal rights of human beings or to the infliction of injury or pain on animals.
5. It is mandatory for a teacher researcher to mention name of college as author's affiliation
6. For research papers published under various scheme of UGC/INCOIS/DBT/DST, the author's need to mention name of funding agency in the Acknowledgement section.

Code of Ethics:

The college shall undertake the same Ethical values as our present university/affiliated university i.e. G. M. Vedak College as below:

Academic and Research work in view of constitutional Rights:

It shall be a prime responsibility of the academic community of college to adhere to the following norms in view of constitutional rights while undertaking research work. It shall reflect both the letter and spirit of the constitutional provisions. The right to:

- Equality and non-discrimination
- Human dignity
- Life
- Freedom of religion, belief and opinion
- Freedom of expression
- Access to information
- Just administration

Promoting research-based learning is an important part of the college's academic endeavours. The college constituted a research committee to imbibe a research culture. The college receives funding for five minor research projects and two major projects, while several research papers have been published in national and international peer-reviewed journals. Our faculty members are inculcating scientific thinking in students by guiding them in the Avishkar Research Convention and promoting scientific activities among students through Science Open Day. Our faculties are also engaged in collaborative research and consulting activities. The Research and Development Cell has adopted a multi-pronged strategy to enhance the research achievements of the institution, resulting in a notable increase in research output. There have been 65 publications, including 30 in Scopus/Web of Science/UGC CARE listed journals, 19 indexed papers in peer reviewed journals, 03 book publications, and 16 book chapters. Two Indian patents registered in the subject of Zoology. The Department of Chemistry has been recognized as a Research Centre by the University of Mumbai. Ten faculty members have doctoral degrees, and four serves as research guides.

The college has created a Research Development Cell for promoting innovation and entrepreneurship activities. Students participate in various research-oriented events such as Conference, Workshop, Symposium, Avishkar and Shodh Vedh organized by University, State and National level. Faculties encouraged to participate in various skill enhancement programs and also share their knowledge with students via various invited talks, project works, dissertations and lectures. College has recruited qualified and research-oriented staff. They serve as mentors to channelize the young minds. The college has an academic research committee to motivate the faculty members about research and promote submission of research projects to various funding agencies. Research and Development Cell also helps to create research culture among faculty members and students. Apart from this, faculties are promoted to participate and organize seminars, workshops, orientations, refresher courses, etc. college has developed research linkages with various renowned colleges and institutions. Faculties are also promoted to channelize their ideas into patents. The Research Development Committee aims to reach the Vision and Mission of the college and is functioning under the Principal. Under his able-guidance and advice, the college has received Major Research Project to Department of Zoology more than Rs. **25.23** Lakhs for the Financial Year 2018-21 and for the 2022-26 of Rs. **36.00** Lakhs from Indian National Centre for Ocean Information Services, (INCOIS) Ministry of Earth Sciences, Govt., of India and University sanctioned the minor research project to Department of Chemistry and Department of Zoology of Rs. **1.05** lakhs.

The research policy expresses the ethical values of all those engaged in academic and/or research activities of the college.

- Uphold the values of freedom, democracy, equality, human dignity and respect for diversity and rights of all stakeholders.
- Strive for distinguished merit and excellence in teaching, reputable research and innovation through leading, challenging, creating and exploring knowledge.
- Put intellectual capital to work by offering access to a wide spectrum of vocational and academic programmes.
- Accomplish the above through individually, collective effort and partnership
- Promote human well-being.
- Promote ethical values and fulfil all academic/research activities according to such values.