

P.G.K. Mandals Haribhai V. Desai College, Pune-411002

Research Policy

The committee composition

The college has four research centers viz., Physics, Microbiology, Environmental Science and Commerce. Research coordinators of all individual research centers form a college research committee. Following are the members of college research committee.

Microbiology:

Dr. Mrs. Rajashree Patwardhan, Professor & Head, Department of Microbiology

Environmental Science:

Dr. Mrs. Pragati Abhyankar, Professor, Department of Microbiology

Commerce:

Dr. Yashodhan Mithare, Professor, Department of Commerce

Physics:

Dr. Sagar S. Jagtap, Head, Department of Physics and College Academic Research Coordinator (ARC)

Background

In addition to education, extension activities, the reputation of any academic institution depends on quality of research. The number of quality publications in peer reviewed reputed journals, their citations and utility of patents are commonly used metrics for maintaining the quality of research. The number of research publications in UGC CARE list/Scopus, number of citations and patents, contributes to the academic reputation of the institution. Academic performance index (API) as advised by the University Grants Commission (UGC) also has research publications as a major component in the faculty

selection, promotions, increment. Therefore, maintaining the quality of research becomes very essential.

Main aim of research is to build a research culture for developing and promoting scientific temper and research aptitudes among the teachers and students. It helps to realize the vision and missions of the institution and for contributing to national development.

Objectives of the Research Policy

Creating and administer a research fund for supporting and facilitating research initiatives and projects of faculty members and students

Developing rules, procedures and guidelines for granting research support, and supporting all other related activities

Providing a modality of for proper coordination of all research activities of the college and aligning these to the vision and missions of the University and national development goals.

Guide faculty members in the effective integration research projects with the regular curriculum implementation and curriculum enrichment activities

Identifying and informing researchers about the appropriate research opportunities announced by different academic, research, industry or government organizations

Promoting interdisciplinary research and establishing modalities for preparing and undertaking joint research projects covering more than one knowledge domain as well as policies for involving external agencies/experts in such projects

Enabling framework for researchers to obtain sponsorships for research projects and which makes the participating researchers responsible for the successful implementation of the project

Developing and promoting linkages with the various state, national and international academic and research institutions through research activities and programmes

Identifying and establishing linkages including MOU s for long term relationships with national and international research organizations for widening the scope of research opportunities and funding options available to the teachers and students.

Encouraging and facilitating the publication of the research work/projects in reputed peer reviewed and UGC CARE/Scopus listed journals

Encouraging and facilitating the presentation/communication of the research work/projects as well as their findings and recommendations through academic events such as workshops/seminars/guest lectures etc.

Compiling data on all the research work/projects undertaken by the teachers and students in to a database for easy monitoring and analysis of the six monthly progress report.

Developing and administering rules and procedures to ensure the compliance of all researchers to the research quality assurance framework, the research code and all the applicable rules and regulations.

Publication ethics

A committee of senior professors should develop a module of about four lectures on Publication Ethics, which should be part of library orientation course, pre-PhD course, research methodology or similar courses under every faculty.

Important circulars regarding research publication ethics and guidelines timely circulated and undertaking obtained from PhD guides and the research students, stating that he/she has understood the guidelines and violating them can lead to appropriate actions by the University.

As a good publication practice, manuscripts proposed to be published as research articles, thesis, dissertation may preferably go through screening by individual Departmental Research Committee consisting internal and external experts. All such research manuscripts should be scanned through reputed anti-plagiarism software like Urkund, Turnitin, which our University has subscribed.

Creating awareness about predatory publishers and importance of publication ethics through expert talks so that faculty and students are encouraged to do high quality rigorous research.

Quality of any publication can be best judged after considering amount of work, methodology, novelty etc, which can be evaluated by external experts in the field in an anonymous manner.

These guidelines and comprehensive faculty-wise lists of Journals in each subject published in the College Annual Report and prominently displayed on the College website for creating awareness and dissemination of information.