

**M.G. V's, ARTS, SCIENCE AND COMMERCE COLLEGE MANMAD
DIST: NASHIK (M, S,) INDIA 423104**

RESEARCH POLICY



Research Policy Drafting Committee

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1.Introduction

Mahatma Gandhi Vidyamandir's Arts, Science and Commerce College, Manmad Dist: Nashik is, established in 1969 with strength of 120 students with just two traditional courses on offer has reached a milestone with 2500 students on roll under 06 under-graduate, 05 post graduate and some PhD courses in various classical and interdisciplinary courses in Humanities, Social Sciences, Commerce, Life Sciences, and Mathematics, to name a few.

Arts, Science and Commerce College, Manmad is permanently affiliated to the Savitribai Phule Pune University (SPPU). Through visionary leadership of parent body headed by a renowned Politician Dr. Prashant Hiray and the hard-work of our Co-Ordinator. Dr. Apoorva Hiray and Principal Dr. Arun Patil, the college took a stride forward especially after getting 2f and 12B status from the University Grants Commission, New Delhi, which made the college eligible for receiving central grants. The college has been accredited with highly prestigious **A grade from** the NAAC Bangalore. With very supportive management, this college has become a well-known Educational Institution in a span of 50 years. During this the college has received different coveted awards instituted by SPPU, Best College Magazine in District and at university level. Such accolades have encouraged us to take more efforts and to remain at the forefront of higher educational scenario in Nashik District. One more achievement we are proud of is that Ministry of Education, Government of India has honored us with a District Green Champion award for excellence in Energy Management and Greenery management.

The main element that makes the College a real learning institute is our student community. Our goal is to create and develop "Modern" youth as responsible citizens with multidimensional personalities by inculcating a blend of cultural awareness, compassionate and progressive attitude, scientific insights and time-tested traditional values among our learners.

We have started different skill development course to supplement their class-room teaching and also to make our students employable. We welcome backward students and we provide enabling environment to differently abled students as well. The striking feature is appr.30% of the total student strength belongs to Schedule Caste.

The college in its journey towards excellence adopted various policies for overall and sustainable improvement in the research activities. The concerning body of management sensitized, encouraged and supported the faculty members for developing and submitting research proposals to various funding agencies for extramural support. The parent body has made a provision of providing incentives for the research aspirants. Consequently, more than 10 extramural research projects have been completed by the faculty members and have received research grants in the tune of Rs. 50 lakhs from various funding agencies like University Grants Commission B.C.U.D. Savitribai Phule Pune University. The college has made a remarkable growth in developing academic and industrial collaborations. College is in place for collaborative research and student and faculty exchange. All these steps have resulted in a great impact on development of a research environment in the college with various noteworthy achievements. One of the striking features of the college is that more than 500 under-graduate and 100 post-graduate students have undertaken independent research projects so far in last 5 years. The students and faculty members have substantial number of publications in research journals of repute besides being able to file patents.

We have qualified and experienced faculty members. The college takes initiative for the development of teaching and non-teaching staff. The teaching staff members are encouraged to participate in Orientation Programs and Refresher Courses conducted by different Higher Education Institutes and Universities. Our teachers are engaged into research projects have also published research papers in International and National Journals of repute and one of our teachers has been granted a patent. As the faculty members are encouraged for pursuing research,

We boast 12 faculty members being the Ph.D. holders and over five staff members are pursuing their doctoral research currently. The teachers of the college have individual and departmental collaborations with national and state level research institutes. The staff members are encouraged to attend different seminars, conferences and to learn from their peers in their respective areas. The college is a member of the Higher Education Forum that works on the best policies in Higher Education in India.

Our stakeholders would be happy if their expectations of infrastructure match. So, we have consciously upgraded our physical infrastructure. We have ICT enabled classrooms, well equipped Laboratories, hi-tech Computer Laboratories, well-stocked Library also a Digital Library with internet facility, a computerized Administrative Office. Such state-of-the-art infrastructure enables the college to provide learner-centric environment. This physical infrastructure has been supplemented with an aesthetic touch by having greenery, a Botanical Garden to add to the natural scenic background. We have installed Solar Green Energy Project to use non-conventional energy resources and to reduce our carbon foot-print.

The college has made a memorable journey so far and has established itself as an excellent Centre for higher education in Nashik District. However, we are keen to do even better and in-sync with the national policies providing students necessary training and skills to convert their project ideas into products to benefit the society and initiate the start-ups.

The College has developed a perspective research plan, with special attention given to the developing a research and innovative environment in the college.

1. Vision and Mission

Vision

The College Envisioned to Become a Leading Centre for Collaborative and Innovative Research.

Mission

Nurturing the research in natural sciences, humanities and commerce disciplines with contemporary and social relevancies. The college is committed to provide necessary support, infrastructure and training for promoting the high-quality research with maintaining the highest ethical values and responsibilities.

2. Research Objectives

Objectives

M.G. V's, Arts, Science and Commerce college Manmad. is committed to build on its strengths to create and maintain a healthy research environment which will:

- Promote the research and innovation with contemporary relevance and useful for the society and ultimately for nation-building
- Encourage, foster, promote the research activities and sustain the excellence
- Enhance existing research areas and develop expertise in emerging fields.
- To provide incentives and encouragement to the budding researchers
- To encourage and facilitate the inter-disciplinary and multi-disciplinary research
- To develop collaborations and research partnerships with academic and research institutes in India and abroad and industries
- Develop required research infrastructure and to provide research framework and guidelines to faculty, research scholars and students
- To ensure integrity, quality and Code of ethics in research
- To inspire socially useful research with potential for commercialization.

Strategies

In order to strengthen the research culture in the college, following activities are planned:

- Involvement of more and more students in research activities
- To apply for funding support for our research activities to funding agencies.
- To establish new research centers and to strengthen the existing ones
- Organization of workshops, interactive sessions and hands-on-training programs for teachers
- Establishment of interdisciplinary research center with Central Instrumentation Facility
- Encouraging faculty and students to attend national/international conferences/symposia.
- Organization of national/international conferences/symposia/workshops
- Development of linkages and collaborations with academia and industries
- Encouragement for research paper publication in authentic and genuine research journals preferably covered in Web of Science/Web of Social Science and/or Scopus databases
- To emphasize on the collaborative research
- Provision of incentives to promote quality research outcomes

3. Guiding Principles

The college has formulated the following guiding principles that reflect the dedication of the college to the quest of research excellence. Since research outputs have the tremendous potential to impact the society, directly or indirectly by underpinning the advancement of knowledge, and can be expressed as social, economic, environmental, or cultural benefits, the college has adopted the research guiding principles as follows:

- Engagement of students in research activities provides them opportunities of interactive-learning, learning-by-doing and builds their research skills
- Generate ideas to pursue both curiosity-driven and solution-based research to address the current problems
- Innovations in scientific, social and pedagogical areas through the development of new technologies

- Research motivates students for creativity, inculcates scientific temper and supports the socio-economic, cultural development of the community
- Research and teaching-learning are intrinsically linked and complementary
- Research engagement supports professional development of faculty and helps them in curriculum development

4. ‘Code of Ethics’ and ‘Biosafety’

M.G. V’s, Arts, Science and Commerce college Manmad. strictly adheres-to and follows the code of ethics and biosafety rules and regulations as laid by the concerned bodies and S. P. Pune University. The college has established a ‘Board of Research and Innovation’ along with a ‘Ethical and Biosafety Committee’. Following rules and regulations are conveyed to all the students and research guides/project investigators engaged in the research activities:

Responsibilities of a Research Investigator/Research Guide

The project investigator/coordinator or research guide must not only put together the research students but also try to assemble an adequate financial and administrative structure to support the research. A supervisor not only provides guidance and advice to individual students in the research but also make them aware of responsibility for the scientific integrity of the whole research activity.

Data / Reports

Research Guides and Project Investigators are directed to take the necessary steps to check the details of experimental procedures and the validity and authenticity of the data or observations reported by them or by the research scholars working under their supervision, including periodic reviews of primary and secondary data as well as reports prepared by the scholars. The reports of the research outcome must be checked for the accuracy of the recorded data or observations, failing to which would be considered as a breach of research integrity. The data must be authentic and be based on the outcome of original activities of researcher and not from other sources, or with proper credit sharing or citations wherever necessary. Any intentional or

reckless disregard for the truth in reporting observations may be considered to be an act of research misconduct. The university guidelines are made available to all the researchers:

http://www.unipune.ac.in/uop_files/Report-Guidelines_20-5-15.pdf

Ethical policy of UGC on dissection of animals

The college has a clear policy that every researcher must follow ethical policy on animal dissection as prescribed by the University Grants Commission (UGC):

https://www.ugc.ac.in/pdfnews/6686154_guideline.pdf

and the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA):

http://cpcsea.nic.in/Content/55_1_GUIDELINES.aspx

Originality and acknowledgement of sources

The research work must be original and come from research outcome of the respective researchers. If help is taken from other sources, should be acknowledged properly.

Disclosure and conflicts of interest

Researchers may use institutional resources including staff, equipment, information or confidential information with prior permission of Principal or Academic research Coordinator. Researchers should strictly use the institutional resources for any purpose other than related to the teaching, research or service by the Institution, unless prior permission has been obtained by the Academic research Co-Ordinator and/or the Principal.

Duplication of Publication

Research articles should preferably be published in UGC notified journals or the journals covered in Web-of-Science/Web-of-Social Science databases. Researchers should not publish the same research outcome in two different places to avoid duplication.

5. Plagiarism Policy

The college strictly follow and is adhere to the plagiarism policies decided by UGC and Savitribai Phule Pune University, Pune, available at the following links:

https://www.ugc.ac.in/pdfnews/8864815_UGC-Public-Notice-on-Draft-UGC-Regulations,-2017.pdf

http://unipune.ac.in/administration_files/pdf/Plagiarism_Policy_University_14-5-12.pdf

The college aware researchers about these policies. All the research guides are instructed to submit the project reports and theses only after plagiarism check using appropriate software.

6. Research Initiatives

The authorities of the parent body Mahatma Gandhi Vidyamandir, the CDC/LMC, Principal and IQAC of the college are very keen and proactive in promoting a vibrant research culture amongst the faculty and students. College has instituted a Board of Research and Innovation, which in coordination with the IQAC of the college takes care of the requirements for the research work carried out in the college. The committee has recommended few reforms such as providing incentives for research projects, improvement of existing research facilities, purchase of instruments as well as good research journals and books.

- a) The IQAC encourages the faculty members to submit project proposals to funding agencies and provide them all necessary support.
- b) College facilitates effective implementation of the sanctioned research projects, timely auditing and submission of utilization certificate and reports to the funding authorities.
- c) College has taken efforts for submitting research proposals to various funding agencies including SERB, DAE-BRNS, UGC, ISRO, SPPU, DBT and DST.
- d) The college has made a provision of providing incentives for budding researchers.
- e) College has made a noteworthy progress in introducing research projects at undergraduate levels, a culture widely appreciated by the authorities of DBT, Government of

India.

- f) The funds were properly utilized for generating and upgrading the research facilities following the norms of funding agencies strictly.
- g) Research ambience is upheld via establishing the linkages and collaborations with academic and research institutes, in India and abroad.
- h) The college is keen on starting new as well as smooth running of the recognized research centers in departments.
- i) The College has formed the Board of Research and Biosafety and Ethical Committees as per UGC and SPPU's guidelines for following proper code of ethics. The committee governs the day to-day research requirements for the smooth functioning of research endeavors.
- j) The college encourages and sponsor the faculty as well as students to attend research events and to publish research articles in peer reviewed journals.
- k) The college organizes scientific events viz. conferences, seminars and workshops to provide sound platform to researchers of the college to update their skills, present their findings and interact with external experts and participants.
- l) Lectures of well-known experts are arranged regularly and staff and students are stimulated to interact with them.
- m) Teachers are encouraged and motivated by the IQAC to undertake research activities like projects and participation in AVISHKAR, a state level science competition.
- n) Students sent to National Research Centers like NCL, NCCS, ARI for completing their research projects.
- o) The college IQAC take keen interest and efforts in sensitizing the students and faculty members for developing a research environment in the college. The students are encouraged towards learning-by-doing and hands-on-approaches and accordingly various programs are arranged on campus.

- p) Various activities including ‘Science Exhibition’, and ‘Research Induction’ workshops are organized regularly by the college.
- q) Adequate support is provided for the consultancy and collaboration.

The efforts made by the Research Board and IQAC has shown beneficial results, such as:

- a) The college has played a leading role in establishing the ‘IQAC Cluster’ amongst several colleges from the state for exchange of innovative ideas, use of infrastructure and exchange of students for summer/winter training programs.
- b) College has recognized research centers in 2 departments
- c) College has received research projects worth Rs. 50 lakhs.
- d) Notable increase in the number of national and international conferences /seminars/and workshops organized by the institute, research publications in reputed research journals with high impact factors, high h-indices and faculty participation in conferences and seminars.
- e) Up-gradation of Laboratory facilities
- f) Computer and internet facilities for all the departments.
- g) LCD projectors, smart boards, interface experiments and sensors are made available.

7. Research Themes

S. No.	Name of the MPhil/PhD Guide	Name of the Department	Research Areas
1.	Prin. Dr. Arun Patil	Electronics	Semiconducting gas sensors
2.	Dr. J.D. Vasait	Zoology	Fisheries Science, Entomology
3.	Dr. B.S. Deasale	Chemistry	Physical Chemistry
4.	Dr. J.Y. Ingle	Hindi	Dalit Sahitya
5.	Dr Pramod Ambekar	Marathi	Mahanibhav Sahitya
6.	Dr. R.D.Bhosale	Economics	Agriculture Economics
7.	Dr. G.L. Shendge	Economics	Rural Economics

8. Research Centers

M.G. V's Arts Science and Commerce College has following Recognized Research Centers of S. P. Pune University:

1. Marathi
2. Economics

Remaining subject guides viz, Physics, Zoology, Chemistry and Hindi are associated with neighboring Research Centre at M.S.G. College of Institutes located at Malegaon Camp, Nashik. Guides are sanctioned duty and /or study leave whenever necessary for their student's research work.

10. Collaborations and Linkages

1	Department of Marathi, Banaras Hindu University
2	Gokhale Education Society's R. H. Sampat College of Engineering, Management Studies and Research Nashik
3	Lanete Dadaji Patil Shikari Bank Ltd. Lasalgaon
4	Shree Venkatesh Co-operative Bank Ltd. Malegaon
5	Bhagya Laxmi Nagari Sahakari Patsantha, Manmad
6	Spectrum Academy Nashik
7	Study Circle Yeola
8	Career Academy Nashik
9	Copper Track Industries MIDC Ambad, Nashik
10	PAUL HEBERT CENTRE FOR DNA BARCODING AND BIODIVERSITY STUDIES DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD

Proposed Activities and Collaborations

1. To develop research environment in the college and to reach out to students and allfaculty members across the faculties
2. To start with conducting ‘Research Induction Programs for Teachers’ from all three faculties
3. To have issue-specific institutional objectives of research work
4. To identify ‘One Institutional Research Theme’ every year and to invite, help and assist teachers to take research work related to the theme and to take the outcomes to the components of the society
5. The members of the Research Board may have the sub-committees in their respective faculties to help and assist teachers for research
6. Steps to be taken for popularization of research and incentives and appreciation of achievers including creation of a separate webpage on college website as well as a separate YouTube Channel.