

Jaywanti Haksar Government Post Graduate College, Betul (MP)

RESEARCH

POLICY



जयवन्ती हॉक्सर शासकीय स्नातकोत्तर महाविद्यालय, बैतूल (मप्र)

Jaywanti Haksar Government Post Graduate College, Betul (MP)

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1. Preamble

JaywantiHaksar Government Post Graduate College is envisioned as a learning institution in Madhya Pradesh, and it is anticipated to reflect the state's efforts to create national linkages and foster bilateral relationships with national institutions to promote academic activities. The college has a glorious history and it nurtured as well as supported a repertoire of educational and research activities since its inception in 1957 shepherded by visionary leaders. The college has established a separate "Research & Development Cell" under the guidance of the Principal – to promote the research ambience, create and sustain a research culture, motivate staff and students to engage in research activities.

2. Vision and Mission

JaywantiHaksar Government Post Graduate College, Betul aims at developing into an institution dedicated to the excellence in teaching and research, and to promote among its students as well as faculty members genuine scholarship.

Vision

To develop a society with knowledge and technology and non-communal brotherhood that would create human values in students so that they could become the ideal citizens of our country.

Mission

College has a mission of the total development of the personality students of deprived sections of the society particularly of tribal students, by developing academic excellence and social responsibility particularly responsibility towards their own society. This mission statement can be denoted by 4 Es: Equity, Excellence, Extension and Employment.

3. Research Objectives

JaywantiHaksar Government Post Graduate College, Betul 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 seed money 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.
- To create an awareness about patents and Intellectual Property Rights and motivate them to apply for patents.
- To create an ecosystem for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.
- To facilitate community-oriented research initiatives and to transfer the research findings for the social and economic development of the community.
- To take initiative for granting study leave, sabbatical leave, duty leave etc to deserving faculty members for advanced research.

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 a multidisciplinary 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 UGC Care List/Web of Science/Web of Social Science and/or Scopus databases.
- To emphasize the collaborative research.
- Provision of incentives to promote quality research outcomes.

4. 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.

5. ‘Code of Ethics’ and ‘Biosafety’

JaywantiHaksar Government Post Graduate College, Betul strictly adheres to and follows the code of ethics and biosafety rules and regulations as laid by the concerned bodies and Raja Shankar Shah University, Chhindwara. 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.

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 Heads of the Departments. 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 head of the department and/or the Principal.

Duplication of Publication

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

6. Plagiarism Policy

The college strictly follows and is adhere to the plagiarism policies decided by UGC and Raja Shankar Shah University, Chhindwara, available at the following links:

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

These policies were made known to researchers by the institution. All research guides are instructed to submit project reports and theses only after they have been checked for plagiarism using appropriate software.

7. Research Initiatives

The authorities of the parent body Janbhadhari Committee, the Principal, IQAC and Research and Development Committee of JaywantiHaksar Government P. G. College, Betul are very keen and proactive in promoting a vibrant research culture amongst the faculty and students. College has instituted a Research and Development Cell, which in coordination with the IQAC cell 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 seed money for research projects, improvement of existing research facilities, purchase of instruments as well as good research journals and books.

- a) IQAC Cell 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 ICSSR, DST, UGC, CISR, DoE and DBT etc.
- d) The college has made a provision of providing seed money for budding researchers.
- e) Research ambience is upheld via establishing the linkages and collaborations with academic and research institutes, in India and abroad.
- f) The college is keen on starting new as well as smooth running of the recognized research centers in departments.
- g) The college encourages the faculty as well as students to attend research events and to publish research articles in UGC CARE listed/ peer reviewed journals.
- h) The college organizes scientific events viz. conferences, seminars, webinar 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.
- i) Lectures of well-known experts are arranged regularly and staff and students are stimulated to interact with them.
- j) The college's Research and Development Cell, Research and Development Committee and 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.

k) Adequate support is provided for the consultancy and collaboration.

The efforts made by the Research and Development Committee, Research and Development Cell and IQAC have shown beneficial results, such as:

- a) College has recognized research centers in 7 departments.
- b) College has received research projects worth Rs. 19.71332 Lakh (Indian Rupees)
- c) 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.
- d) Up-gradation of Laboratory facilities.
- e) Computer and internet facilities for all the departments.
- f) LCD projectors, smart boards, interface experiments and sensors are made available.

8. Research Themes

S.No.	Name of the PhD Guide	Name of the Department	Research Areas
1.	Dr. Rakesh Kumar Tiwari	Economics	Indian Economy, Tribal Economy
2.	Dr. Vijeta Choubey	History	Social Transformation in Central India
3.	Dr. Anita Soni	Hindi	Hindi Literature and Poetries
5.	Dr. Alka Pandey	Botany and Microbiology	Medical Mycology
6.	Dr. Meenakshi Choubey	English	Indian Writing in English
7.	Dr. Sukhdev Dongre	Zoology	Labeo-ronita in Sapna Reservoir
8.	Dr. Subhash Khatarkar	Physics	Synthesis and Characterization of Magnetics
9.	Dr. Gopal Prasad Sahu	Chemistry	Multidisciplinary Approach of Electro methods in arena chemistry

9. Research Centers

Jayawanti Haksar Government PG College, Betul has following Recognized Research Centers of Raja Shankar Shah University, Chhindwara:

1. Economics Department
2. History Department
3. Hindi Department
4. English Department
5. Botany Department
6. Chemistry Department
7. Mathematics Department

10. Collaborations and Linkages

1. Raja Shankar Shah University, Chhindwara
2. Barkatullah University, Bhopal
3. Institute for Excellence in Higher Education (IEHI), Bhopal, M.P.
4. Rani Durgavati University, Jabalpur
5. Smt Radhabai Arts, Commerce and Science College, Anjangaon, Amrawati, Maharashtra
6. Fungal Disease Diagnostic and Research Center, Jabalpur
7. Government Holkar Science College Indore, M.P.

11. Proposed Activities and Collaborations

1. To develop research environment in the college and to reach out to students and all faculty members across the faculties.
2. To have issue-specific institutional objectives of research work.
3. 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.
4. The members of the Research Cell may have the sub-committees in their respective faculties to help and assist teachers for research.
5. Steps to be taken for popularization of research and incentives and appreciation of achievers including creation of a separate webpage on college website.