

BUAT Research Policy -2022



***Directorate of Research
Banda University of Agriculture and Technology,
Banda (U.P.)***

***A.M.**
Director Research
B.U.A.T., Banda-210001 (U.P.)*



BUAT Research Policy -2022

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1. Introduction

Research is an integral part of Indian education system particularly in the field of agriculture and allied sectors. Research helps to increase knowledge and understand the causes of happenings and solving the problems. There are two broad categories of research viz., fundamental or basic or exploratory research and applied or adoptive research. The first one is exercised to enhance our knowledge and skill by finding out the innovative tools, techniques or products for wider adoptability whereas the second one is a kind of validation of pre-existing technologies/ideas for specific agro-climatic and socio-economic conditions. As the consequence of productive research outcomes, India has realized many revolutions in science and technology including agricultural sciences during past few decades. The Higher Education Institutes (HEIs) has played a pivotal role in creation and dissemination of knowledge and information. Revolutionary developments in Indian agriculture are a result of versatile research outcomes of Indian Council of Agricultural Research (ICAR) and Agricultural Universities. The end users of research outcomes of agricultural universities/institutes are farming community, the most vulnerable section of the society. Therefore, it is imperative for the universities/institutes to exercise development of technologies through their research in which knowledge is applied for common people of the society and the nation.

2. Purpose

The Research Policy of the University is necessary to establish an administrative structure to support the planning, execution and application of research under certain code of conduct. The purpose of research policy is also to facilitate the administrative processes for smooth execution. This would also enhance research activities in the Banda University of Agriculture and Technology and improve the overall quality of research.

3. Scope

This policy will enable to restrain all the faculty members, scientists and students of Banda University of Agriculture and Technology involved in independent or collaborative research involving different departments, institutions or organizations funded either from university or external agencies under a common code of conduct for more transparency and honesty in research.

4. Research Mandates of the University

1. To develop innovative agricultural technology to make Indian Agriculture globally competitive.
2. To apply all possible sources of scientific interventions to the solution of the technical and practical problems of agriculture.
3. To boost up basic research to accelerate the progress of agriculture with input of fundamental knowledge.
4. To solve the specific agriculture related problems being faced by farming community.
5. To formulate specific package of practices for optimization of farmers' income of different holding sizes viz., large, medium, small and marginal.

5. Research Planning, Execution and Monitoring

The prioritization, planning, deciding policy matters and reviewing the progress in research will be done by a statutory body 'Research Council' in the University.

5.1 Research Council

The 'Research Council' will be the nodal body for identification of priority areas of research, deciding policy matters and planning for research. It will confer advisory to the University for execution and implementation of research programmes in the view of regional, national and global problems/needs. All the policy matters in research are to be approved by Research Council. The composition of Research Council will be as under:

1.	Vice Chancellor, BUAT Banda	Chairman
2.	Eminent Scientists of ICAR Institutes/SAUs as External Experts	Member
3.	Director Seeds & Farms, BUAT, Banda	Member
4.	Deans, Colleges	Members
5.	All the Head of Departments, BUAT Banda	Members
6.	Two Professors of BUAT Banda nominated by Chairman	Members
7.	Director Research, BUAT Banda	Member Secretary

5.2 Directorate of Research

The Directorate of Research is nodal unit for implementation and monitoring of research activities in the University. The Director Research is the chief executive officer of Directorate of Research. The main responsibility of Directorate of Research is to provide technical and financial assistance to research units e.g. Research Stations, Research Centres and Incharges of AICRPs and *ad hoc* projects, monitoring the research programmes and briefing the progress report to Vice Chancellor. Present composition of Directorate of Research in BUAT is as under:

S.N.	Designation	Number
1.	Director Research	One
2.	Associate Director Research-cum- Director Seed & Farm	One
3.	Associate Director Research (RKVY & other <i>ad hoc</i> projects)	One
4.	Assistant Director Research	Three
5.	Assistant Director Seed & Farm	One
6.	Associate Director/Incharges, Regional Agricultural Research Stations	Three
7.	Associate Director/Incharges, Crop Research Farms	Two

5.3 College Research Advisory Committee

The College Research Advisory Committee (CRAC) will be constituted in the Chairmanship of Dean of concerned college. All the Head of Departments of that particular college will be the member and senior-most Head of Department will be Member Secretary of CRAC. The CRAC is basic statutory body for research need assessment, technical scrutiny of research

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experiments, monitoring and evaluation of research programmes including students' research. The CRAC is also supposed to recommend/propose the policy matters related the concerned college to Research Council for consideration/approval.

In addition to above bodies, the Vice Chancellor may constitute mid-term research monitoring team for on spot appraisal of research experiments. Overall appraisal of experimental findings and technical programme will be done in pre-rabi and pre-kharif workshops organized by the Directorate of Research.

6. Implementation of Research Projects

The technology development programme in the University will be executed under long and short-term through externally funded projects as well as Institutional/inhouse projects (seed money for research) involving dedicated research scientists, teaching faculties and the post graduate and doctorate students.

6.1 Collaborative research

The University will also seek collaboration with reputed national and international Institutes/Universities/Organizations for undertaking research projects, exchange research materials/facilities and capacity building programmes on credit sharing basis.

6.2 Sponsored research

There will be provision for accepting short term projects sponsored by private sector industries for evaluation of specific products/materials on the basis of specified fees.

6.3 Consultancy Projects

The faculty members/scientists working in the University can also confer research consultancy to any other non-government sector agencies under the norms specified in BUAT Consultancy Policy document.

6.4 Research Projects

Research projects have specified research objective (s), technical programmes, targeted outcomes and financial provisions. Extramural funding is inevitable for supporting research in University and all the research grants/funds will be utilized in consonance with the university, government and funding agency rules as amended from time to time. However, university may also support the faculties/ scientists with seed money for research in the form of inhouse projects in competitive mode on emerging regional/national/global issues depending upon the financial health of the university but it will not be obligatory.

6.5 Principal Investigator/Project Incharge

Principal Investigator/Project Incharge (P.I.) is a faculty member/scientist with a prime accountability to execute the project, achieving the physical and financial targets and reporting the progress to funding agency. The P.I. of a research project is the person who has been in nodal role during genesis of project proposal. The P.I. will also keep records of his/her project (s) for future reference.

6.6 Co-Principal Investigator/Co-Project Incharge

The faculty member (s)/scientist (s) involved in a research project with specific responsibilities related to project activities. The Co-P.I. is liable to execute the works assigned by P.I. for achieving the targets. In the absence of P.I., the Co-P.I. (in case of two membered team) or senior most Co-P.I. (in case of multi-membered team) will lead the

project. Generally, team of the research project should be constituted at the time of formulation of project proposal. However, the size of project team may be increased or decreased as per the need and nature of works. In normal circumstances, the team of P.I. & Co-PIs once constituted shall not be changed during the project period. However, need-based replacement/modification can be made by competent authority in the interest of smooth functioning of project activities and better outcomes.

6.7 Institutional Charges under externally funded *ad hoc* projects/ Sponsored Research

The decision on institutional charges under externally funded *ad hoc* projects or Sponsored Research are a matter of discretion of the Research Council of University. The Research Council of the University is empowered to decide and modify the rate of Institutional (Overhead) charges from time to time. However, in case of *ad hoc* projects funded by Government Agencies, Institutional charge is a subject of provisions existing with the funding agency.

7. Research Data, Research Materials and Property

Research data would mean facts, materials or physical items or articles, artefacts, observations, experiences, responses to questionnaires *etc* collected by researcher which are used for making inferences or drawing conclusions and on which an argument, theory or test is based. Data may be numeric, descriptive, visual or virtual. Data may also be raw or processed, experimental or observational. Data will also include all kinds of laboratory and/or field notebooks, maps, photographs, audio-video recordings, reports or any other thing collected or generated by researcher. Research material in addition to hardware and equipment would include books, consumables, apparatus, computer, digital media and other facilities. Provenance information such as how, when, where the data were collected and the means of collection, the software code and license used to generate, annotate or analyze the data are also included in research material and property. All these will always belong to the university.

8. Security of Research Data

8.1 Research data that involves confidential/restricted information such as trade secrets *etc.* must be adequately secured and kept confidential.

8.2 In the event of disclosure or exposure of confidential/ restricted data is noticed, it must be immediately reported to the university.

9. Access to Research Data

9.1 The university has all rights to access or keep in custody the research data that is performed at the university or under its auspices using its facilities.

10. Intellectual Property Right (IPR) Issues

All the research outcomes in the form of novel technologies, products, protocols, processes, genetic stocks, varieties, breeds, innovations *etc.* are the subject of University IPR and University has discretion of legal protection to the same. Any novel outcome/finding/innovation out of the research programmes, will be first reported to Vice Chancellor and none has right to disclose it without permission of Vice Chancellor. In the case of collaborative research, the IPR issues will be settled with collaborating institution through separate MoUs/Agreements. The researchers will also be abiding to the following rules:


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- 8.1 The researcher will have the right and responsibility of accurate reporting of research outcomes to scientific and academic community by choosing an appropriate mode of publication or presentation of data and results.
- 8.2 Researchers can publish the research outcomes or methods/processes/technologies developed. They can also file patent or claim its intellectual property right in any other form, through the proper channel in university along with mention of affiliation with university/acknowledgement at appropriate place(s) for carrying out research.
- 8.3 The university has right to restrict a researcher from putting anything related to a research in public domain.
- 8.4 Any transfer of copyright having a financial implication will have to be executed only upon permission from the Vice Chancellor.
- 8.5 The university will hold the right in the intellectual property generated from research and it will take necessary decision in all cases of transfer of IPR for any productive purpose. However, the university may take decision on sharing the pecuniary benefits to researcher (s) out of the income realized through the sale of IPRs.
- 8.6 If any financial income arises out of a research, the income distribution will be in accordance with the Consultancy Policy of BUAT.

11. Incentivization to Researchers

With view to promote the research, the University will make provisions to incentivize the faculty members involved in active research and who have shown remarkable achievements in research by awarding appreciation certificate/medals or through other ways as decided by university from time to time.

12. Dispute Redressal and Resolution

All cases of dispute arising due lack of clarity on any issue, or any ambiguity in interpretation, will be resolved by the Vice Chancellor whose decision will be final and binding. At any point of time, Vice Chancellor may call for amendment or revision in this policy document as deemed appropriate.

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