



**Policy Document
on
Promotion of Research**

Foreword

By purpose and definition of the term, *research* aims at such variety of objectives and takes such different and irregular paths that are difficult to segregate in any small group of methods. And yet it is desirable to consider some of the means by which creative activity and advanced knowledge may be aided. Promotion plays a significant role in the dissemination of research to people beyond the academic community. It makes research accessible to policymakers, businessmen and entrepreneurs, researchers in other subject areas, and the public at large.

Promotion of research is one of the best practices of the university which has contributed to its emergence as an eminent institution in India in a short duration of time. Developing research capabilities is intrinsic to its vision of imparting comprehensive and interdisciplinary education. The strong culture of research along with academic rigor enables SVVV to work towards the dissemination of knowledge and contribute to national development.

Academic institutions are expected to perform four-fold activity which involves teaching, training, research and extension. Research helps the institution to achieve excellence in various disciplines of education. As per National Education Policy, research needs to be integrated in the course of study from graduation level. It helps in creating new avenues of knowledge and promotes innovation and also enhances better learning among faculty and students. Research is an important activity of knowledge that brings new energy, facilitates to build state of the art facilities, promotes research publications and develops collaborations. Hence, faculty are encouraged to indulge in systematic research, because this is the route to better wisdom.

Taking these points into consideration, SVVV has framed and implemented its Research Policy for the benefit of various stakeholders.

Dr. Upinder Dhar
Vice-Chancellor

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Introduction

Universities are as much the place for creation of knowledge as for the decimation of knowledge. In practice, the growth of the university is measured in terms of the knowledge created. Thus, research becomes an important component of the university and distinguishes the university from other institutes engaged in only decimation of knowledge or in other words engaged only in teaching.

Growth of any academician is closely linked to the amount of his/her research and research also makes the academician a continuous learner which is a prerequisite for guiding the students. Since research promotes original thinking, a good researcher will be able to inculcate this habit in the minds of the students to realize their intellectual potential.

SVVV is carrying out research in diverse subjects. Several research groups are working in the area of Science, Engineering, Management and Humanities. SVVV has a Plasma Research Centre in Science sponsored by Department of Atomic Energy.

The Research in the university is considered to be one of the important functions. SVVV undertakes various activities to promote research, which include students pursuing research in various disciplines strictly in conformity with the guidelines of the UGC. It also covers faculty improvement programs, projects funded by the university itself and also external agencies such as UGC, AICTE, DST, ICHERS, ICSSR etc. Further, the research includes teachers' participation in seminars, symposia and workshops. In order to promote research related activities and facilitate the research scholars, the university has established Faculty of Doctoral Studies and Research headed by the Dean (FDSR). The FDSR is working as per the provisions of ordinance related to the research and

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development.

This Research Policy of SVVV has been put in place to provide guidelines for promotion of research. The IQAC has prepared the document based on the recommendations of the expert committee constituted for the purpose. The Policy for Promotion of Research facilitates the university to conduct various research activities without any hassle. The major objectives of this document are to promote quality research at various levels.

The FDSR is responsible for promotion of excellence in research and development and research training related activities of the university. This includes the development, review and monitoring of achievements under the Research & Development, and the research plans.

The research policy has been framed to have a clear vision about the enhancement of research in all the fields and also augment funds from various funding agencies to carry out research. The policy also aims to establish a close link between the industry and the university through sponsored research projects which are of interest to the industries. The university endeavors to focus on the regional problems both in science and social science in planning research programs of relevance.

Objectives

Research in all subjects have a few common objectives to focus on research of quality and relevance:

1. Facilitate the quality research activities useful to the university and the society.
2. Establish rational, transparent, objective based decision making systems for the allocation of financial support and other support for researchers.
3. Inclusion of research component into the UG and PG curriculum.

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4. Encourage the faculty members to become research supervisors.
5. Motivate the core faculty members to undertake minor and major research projects funded by the external agencies viz. MHRD, UGC-DEB, ICSSR, CSIR, DST, RCI, CIIL, IAS, CSSS, CSGS etc.
6. Research problems to be identified after an extensive survey of Regional and National needs especially in the area of Engineering, Management, Commerce, Science and Social Sciences.
7. In science, problems of global relevance like climate change, e-waste management, alternative energy sources, sustainable agriculture etc. will be part of the research programs of the university.
8. Limitation of agricultural land and a fast rate of population growth necessitate development of innovative technologies for enhancing the yields of crops. Besides the conventional breeding and molecular breeding, non- invasive new technologies like Magneto-biology and Plasma-biology will be part of the research program.
9. Development of research laboratories in all subjects with advanced equipment to conduct quality research.
10. Encourage students right from graduate level to find innovative methods through research projects to solve the existing problems as well as the predicted problems of the future.
11. Advancement of science and technology, especially with respect to automation, are expected to create hitherto unknown social problems. Researchers in social sciences will be encouraged to focus on these problems and make the students aware of these predictable changes in the society which may need different types of solutions.
12. Encourage multidisciplinary and interdisciplinary research activities in the university.

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13. Encourage research paper publication, patent filing and transfer of technology.
14. Monitor research output through Faculty of Doctoral Studies and Research.
15. Ensure ethics and integrity in research.

Faculty of Doctoral Studies and Research

Faculty of Doctoral Studies and Research shall focus on research in various disciplines and interdisciplinary areas. Ph.D. program shall be offered in regular mode in compliance with UGC Regulations. The FDSR shall devise broad guidelines for Ph.D. program providing details about admission, course work, research supervision and evaluation, anti-plagiarism measures, award of degree, uploading of thesis on INFLIBNET-Shodhganga.

The Research Scholars will be governed by the Ordinance/ Regulations/ Guidelines of the University. The FDSR shall conduct orientation program for the newly admitted research scholars. They will be introduced to the Research Regulations/ Guidelines and course work.

Research Programs

Research Component in Curriculum: All the departments are encouraged to include research component in the curriculum of the post graduate programs. Projects or dissertations shall be introduced in the final year of study.

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Doctor of Philosophy (Ph.D.)

Doctor of Philosophy (Ph.D.) is the degree at the highest academic level, awarded following a course of study. The University strongly believed that its reputation shall accelerate through quality research conducted by the students leading to the award Ph.D. degree. The university shall encourage the faculty to undertake theoretical and empirical research in interdisciplinary areas. Ph.D. program shall be offered in various disciplines on a regular basis. SVVV shall:

- Encourage the faculty members to obtain Ph.D. degree.
- Persuade the faculty members to become Research supervisors.
- Motivate faculty members with Ph.D. to further pursue post-doctoral degree.
- Embolden post graduate students to take up doctoral research.

Research Projects

Teachers shall undertake major and minor research projects in their prioritized research areas and their expertise is available with the institution in such areas. A tough focus on the flow of theoretical ideas on practical implementation is the principle objective of research projects. Research projects shall also enable the principle investigators to conduct exploratory and diagnostic studies on the subject concerned. The University therefore shall encourage the faculty members and students to take up research projects. It recognizes the importance of research activities for systemic growth and development. In this connection, the University shall:

- Encourage faculty members to submit research proposals to government/ research institutions viz. MoE, UGC-DEB, ICSSR, CSIR, DST, RCI, CIIL, IAS, CSSS,

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CSGS etc. for their projects.

- Institute shall encourage minor research projects to inculcate research aptitude among the faculty members.
- Provide required facilities to faculty members to conduct research projects.
- Reward suitably the faculty members who have successfully completed minor/major research projects.
- Conduct workshops/seminars to provide information about research projects.

Conferences/ Seminars/ Symposia/ Training Programs/ Workshops

The University shall encourage the faculty members to organize conferences, seminars, symposiums, training programs and workshops by availing grants from the regulatory bodies and also GOs and NGOs and other funding agencies. These conferences, seminars, symposiums, training programs and workshops shall provide a significant opportunity to the participants to abreast themselves with the latest developments in their core areas and professional interests. The invited resource persons and professionals/ consultants in the country and abroad shall share their experience and ideas with academia and scholars. The participation of teachers in the conferences/seminars/symposia, etc. held in the country and abroad is an important activity for growth. The University shall facilitate the teachers by:

- Sanctioning 20 days of duty leave in an academic year shall facilitate the faculty members to participate in the conferences, seminars, workshops, training programs and symposiums.
- Providing travel grants (to and fro), registration fee and DA within India and abroad upto Rs. 50000/- (maximum upto 1 Lacs in every two years) for

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- participating in conferences/seminars/ symposiums/workshops/training programs. Providing travel grants, registration fee, per diem dearness allowance, visa charges and admissible expenses to the core faculty members whose research papers are accepted by the program host outside India.
- Providing financial assistance for arranging conferences, seminars, symposiums, workshops, and training programs based on merit of proposal.
- The University shall also conduct workshops and training programs on contemporary issues.
- The University shall provide financial assistance to take up membership in any professional body.

Research Output

The research activities undertaken by faculty members result in various forms of research output such as;

Publication: Publication represents the accumulated knowledge in a field in refereed journals.

Patent: A patent is an exclusive right granted for an invention, which is a product or a process that provides, in general, a new way of doing something.

Copy Rights: Copyrights for books and study material to avoid plagiarism.

SVVV shall encourage faculty members to pursue research and come out with suitable research output. This will be done by:

- Providing financial, technical and procedural assistance for filing patents by establishing Intellectual Property cell.
- Publishing books under the aegis of the university.
- Providing free plagiarism checking facility.

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- Allocating funds to Constituent Institutes and Centres of Excellence for bringing out journals/ periodicals.
- Encouraging collaboration with industry for research.
- Encourage collaboration for research with other universities and institutes within and outside India.

Implementation of the Policy

Faculty of Doctoral Studies and Research shall monitor the implementation of research policies of the University. The University has already initiated a few steps on the lines of the stated policies as listed below:

1. The University has earmarked research fund of Rs. 50,000/- per year for each faculty member for participation in National/International Conferences.
2. The University has developed a method of screening of the research papers to be presented in National Conferences by an internal panel to ensure the quality of papers.
3. The University sets up a panel including an external member for screening the quality of paper to be presented in any International Conference.
4. The University organizes an inter-disciplinary presentation in a monthly program entitled “Udbhavana” for the faculty members and Heads of the Institutes/Departments to understand the developments in various disciplines.
5. The Institute of Science arranges research seminars in Science for faculty members with the aim to promote development of inter-disciplinary research projects.
6. The University has established Plasma Research Centre in Physics with research funds from Department of Atomic Energy. An inter-disciplinary research project in Plasma-Biology has recently been funded by BRNS [Board of Research in Nuclear Science] of DAE.
7. The University has been organizing conferences in all the subjects with the aim of promoting research.
8. The University has been organizing expert lectures in various subjects to

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promote research. Similarly, presentations are organized on the works of Noble Laureates.

9. The university has established various Centres of Excellence to promote research and extension activities in certain niche areas.

