



Jagadguru Sri Shivarathreeshwara University Mysuru

Innovation Policy

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Policy Implementer	Registrar, Jagadguru Sri Shivarathreeshwara University, Mysuru, Karnataka.
Responsible division	Office of the Registrar, Jagadguru Sri Shivarathreeshwara University, Mysuru, Karnataka.
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Innovation Policy

1 Preamble

As a well recognized University in India , driven by its pursuit of knowledge and innovation, with a unique institutional culture based upon the values the University espouses, the Jagadguru Sri Shivarathreeshwara University, Mysuru, has adopted this Innovation Policy on 7th December 2008.

2 Aim

The aim of the innovation policy is to assure quality and to provide the framework for research and innovation management at Jagadguru Sri Shivarathreeshwara University (JSSU).

3 Scope

This policy relates with the University's Strategic plan and supports JSSU to produce high-quality, relevant and focused research, supplying innovative solutions to challenges faced by the scholarly community. Furthermore, as stated in the Strategic Plan, the JSSU strives towards becoming a balanced academic - research university with commercialization and making a significant impact through community engagement.

4 Policy Statement

It is the policy of JSSU that research is executed in identified Research Entities which promote innovative research and innovation for the economic development of the community, country and the world.

The research and innovation model creates an institutional identity while at the same time allowing differentiation within the capabilities and capacity of constituent colleges and University departments. The research entity model is geared towards increasing research and innovation quality, research and innovation participation and productivity, development and funding. The research and innovation management model encourages, facilitates and stimulates research and innovation on all campuses. Each constituent college and University department will develop and manage its own Research Entities. Participation will primarily be limited to researchers from a specific college, open to collaboration with other colleges and departments.

5 Definitions

Research Niche Area

A Research Niche Area is a small research group with a clear focus which is identified by the campus and is part of the overall strategic plan of the university and colleges with local research impact. The campus must offer degrees approved by University Grants Commission/ Department of Ministry of Higher Education at a minimum of Masters Level in the disciplines which form the primary focus of the Niche Area.

Research Focus Area

A Research Focus Area is a research group with a clear focus which is identified by the colleges and is part of the overall strategic plan of the university and colleges linked to national priorities with regional research impact. At least 30-40% of the research income of a Focus Area should come from external sources of funding. Masters and Doctoral students must be trained through involvement in the Focus Area.

Research Unit

A Research Unit is significant with recognized, longer-term multidisciplinary and trans-disciplinary research activity. A clear focus is identified by the constituent colleges and departments and is part of the overall strategic plan of the University linked to national priorities. Masters and doctoral students should be directly linked to the research entity. Research income is obtained from a variety of sources including industry and sources. There must be evidence of significant research output within the Research Unit and participation of doctoral students.

Research Centre of Excellence

A Centre of Excellence is nationally recognized with longer-term multidisciplinary and trans-disciplinary research activity. The Centre should have a clear focus which is identified by the colleges and University departments and is a part of the overall strategic plan of the university linked to national priorities with national and international research impact. At least 50% of its research income should be derived from external sources of funding. The Centre should have substantial research output with doctoral student involvement.

University's Research Entity:

Research Section/Division is a research and innovation entity that functions under the leadership of a Director (Research). The Entity typically hosts a research programme of regional and national importance with long term financial support from public and private funding bodies and conducts research and innovation activities commensurate with doctoral program. The Research section of JSSU works across institutional boundaries, with the focus is on innovation output lower in the innovation value chain.

Commercial Research Entity:

A Commercial Research Entity is an innovation entity that functions under the leadership of a Coordinator-Center for Innovation and Entrepreneurship. The activities within the entity are primarily aimed at implementing expertise, operates on business principles and all funding is obtained from internal and external sources. The vast majority of activities are focused on product development, services and products aimed at specialized industry/society needs. The quality provisions for research and training are applicable as well as Industry accepted quality standards for products and services.

Research and innovation output is defined as the following:

Research output of Jagadguru Sri Shivarathreeshwara University recognized for rating/ranking/ accreditation purposes by Government Bodies:

- 1) Staff qualification improvement on doctoral (equivalent) level.
- 2) Doctoral qualifications awarded to students.
- 3) Post Graduate projects and outcome.
- 4) Articles published in national and international journals (peer reviewed journals);
- 5) Presentations made to national and international conferences.
- 6) Patents filed and granted at national or international level.
- 7) R&D-related downstream activities, characterized by successful technology transfer.
- 8) The number of research through centers of excellence, innovative projects, niche areas allocated to JSSU by funding agencies.
- 9) Regional/ national/international awards received by the researchers and inventors.
- 10) Participation in selected performances/exhibitions and the delivery of artistic products.

6. Rules

The rules guiding research and innovation are defined within the following categories:

Research and Innovation Governance

- 1) Board of Management governs and approves innovation policies.
- 2) The Institutional Research and Innovation Committee communicates on the strategy, plans and Quality of Research and Innovation of the University.

The University's Research Committee has the responsibility to evaluate the research undertaken within the Research Entities at JSSU and make recommendations to the Board of management

Research and Innovation Strategy

- 1). The Vice-Chancellor assumes the overall responsibility for the policy and strategy of Research and Innovation at the University. Director (Research) is responsible for research and innovation and assumes the overall responsibility for the management of research and innovation at the constituent colleges and University Department.

Research and Innovation Structures

- 1) Research and innovation are performed within the defined Research Entities as categorized in the Institutional Strategy. All research entities are linked to faculties.
- 2) It is the responsibility of the directors or heads of research entities to manage in fenced-off cost centers within the policies of JSSU.
- 3) The relevant Director, after consultation with the Innovation and Entrepreneur Office and the relevant coordinator, may recommend the formation of spin-off companies.

Research and innovation Management

- 1) Research is managed according to the guidelines set in the Institutional /University Strategy
- 2) Research and innovation is funded in accordance with the Institutional / University Strategy.
- 3) The Research Committee devises the strategies necessary to attain, promote, monitor and review innovative activities within the Faculty.

Research and Innovation Support

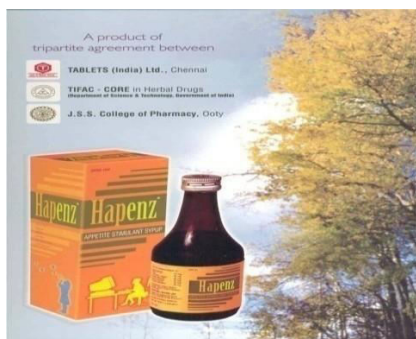
- 1) The office of the Director Research advises colleges and departments and faculties on the protection of intellectual property rights, patents applications and professional indemnity, related to research and innovation activities.
- 2) The office of the Director Research facilitates and evaluates all project proposals submitted to research funding agencies; supports the effective and optimal appropriation of the University's funds, including applications and allocation of funds, as well as the continuous monitoring and reporting of all research funds of the University; Manages the administration of all government subsidized research and the handling of all such subsidy claims and facilitates the effective evaluation of research, internally by the Institutional Research Support Committee .
- 3) Research and innovation performance is evaluated or assessed by way of research and innovation performance indicators and an annual Research and Innovation Report. Measurements will include:
 - Measurement and benchmarking of the output.
 - The extent by which the university can earn and leverage funding for research and innovation activities.

7. Procedures

JSSU will ensure the provision of effective, efficient and equitable support for researchers, through the Research management structures. The overall process for research and innovation is captured in the Strategic Plan of the Institution and University.

**HERBAL PRODUCTS DEVELOPED AND COMMERCIALISED BY
TIFAC CORE, JSS COLLEGE OF PHARMACY, OOTACAMUND,
Constituent College of Jagadguru Sri Shivarathreshwara University**

As per the mandate entrusted to us by TIFAC, Department of Science and Technology, Govt. of India, the major objective of the TIFAC CORE in Herbal Drugs is to undertake research programmes for the Indian industries engaged in manufacturing Herbal Drugs/Traditional Medicinal Products in addition to meet the specialized demands of human resource requirements of these industries. In this context, M/s. Tablets (India) Ltd., Chennai, who were looking to introduce Herbal drugs and Nutraceuticals in the market, approached the CORE for developing the required technology for some of the herbal products. The CORE, therefore, decided to work on two herbal products namely, a natural appetite stimulant and memory enhancer for children and sleep formula for insomnia and other sleep disorders for adults. These herbal products were selected based on the inputs from the industry and also based on our own market survey. The two herbal based products, namely Hapenz, the appetite stimulant and memory enhancer for children and NSF-3, a fixed dose combination for treatment of insomnia and other sleep disorders, were developed and commercialized by TIFAC CORE, JSS College of Pharmacy, Ootacamund (a constituent college of Jagadguru Sri Shivarathreshwara University, Mysuru). These products are presently marketed by M/s. Tablets (India) Ltd., Chennai.



HAPENZ



NSF-3