

College Incubation and Research Development Policy

Session: 2023-2024

1. Preamble:

This policy lays out the structure and objectives for the establishment of a multi-disciplinary research incubation center within our college. It is designed to promote a vibrant research culture, fostering innovative thought, and nurturing entrepreneurial initiatives within our academic community. This policy aligns with the values of the New Education Policy 2023, emphasizing multidisciplinary learning, critical thinking, creativity, and a focus on local and traditional knowledge systems.

2. Vision:

To create a collaborative and nurturing environment that encourages multidisciplinary innovation, knowledge creation, and entrepreneurial spirit across various academic disciplines. In line with the New Education Policy 2023, the vision is to cultivate a culture of research and innovation that is comprehensive, inclusive, and has a local-global interface, thereby nurturing responsible, ethical, and adaptive learners.

3. Objectives:

- To provide a platform for multi-disciplinary research and innovation.
- To support entrepreneurial activities based on academic research.
- To engage with local community issues through focused research themes.

4. Structure of the incubation Center:

I Natural Sciences Research Center:

a) Physical Sciences Research Section:

- Department of Physics
- Department of Chemistry

b) Biological Sciences Research Section:

- Department of Botany
- Department of Zoology
- Department of Environment

c) Earth Sciences Research Section:

- Department of Geology
- Department of Geography

d) Mathematical Sciences Research Section:

- Department of Mathematics

II Information & Technology Research Center:

- Department of Computer Science
- Department of BCA

III Social Sciences & Humanities Research Center:

a) Economic & Political Sciences Research Center:

- Department of Economics
- Department of Political Science

b) Societal & Administrative Sciences Research Center:

- Department of Sociology
- Department of Public Administration
- Department of Psychology

c) Historical & Philosophical Studies Research Center:

- Department of History
- Department of Philosophy

d) Communication and Media Studies Research Section:

- Department of Journalism & Mass Communication

IV Languages, Literature & Music Research Center:

- Department of English
- Department of Hindi
- Department of Sanskrit
- Department of Music

V Business & Commerce Research Center:

- Department of Commerce
- Department of BBA

VI Creative Arts & Physical Education Research Center:

- Department of Physical Education

6. Labs and facilities:

Our Incubation Center will house a variety of workspaces designed to support different research needs. These include common labs, work areas for collaboration, conference rooms for discussions and presentations, and quiet spaces for focused work. The facilities will also include advanced IT infrastructure and software tools to facilitate research, collaboration, and data analysis. (to be uploaded in the website)

7. Research Themes for session 2023-2024:

The incubation center will initially focus on two key research themes:

1. Traditional Knowledge Systems:

This theme involves studying and preserving indigenous knowledge systems and may involve following departments:

- Languages, Literature, Communication & Music Research Center: The study of traditional literature, folklore, music, linguistic practices etc.
- Social Sciences Research Section: Examination of traditional social structures, political systems, and economic practices. philosophical, historical, and cultural aspects of traditional knowledge systems.
- Biological Sciences Research Section: Study of traditional Botanical and Zoological knowledge, and traditional environmental practices.

1. Shimla's Natural Resources: Conservation and Regeneration

This theme involves studying the Spring system in the Shimla city especially the rejuvenation of springs. May involve following departments:

- Earth Sciences Research Section Geology, Environment Science and Geography departments could investigate the physio-chemical characteristics of the spring systems. This will include analysing the quality of spring water, understanding the geological structures influencing the springs, and studying the topography and hydrological patterns related to these water sources.
- Biological Sciences Research Section: The departments under this section will study the impact of the springs on the local biodiversity, ecology, and the environment. This includes researching how changes in the spring systems might affect local fauna and flora, and how these living organisms interact with the springs.
- Under Social Sciences & Humanities Research Center: The departments in this center will research the human interaction with the spring systems. This will include studying how urbanization and human activities impact these springs, the role of community engagement in the preservation of these water sources, and how local governance and policies can support the conservation and rejuvenation of the spring systems.