

2022

KLE Society's
Raja Lakhamagouda Science Institute (Autonomous), Belagavi
Research & Development Cell (RDC)

RESEARCH & DEVELOPMENT POLICY
RLSI - IQAC

KLE Society's Raja Lakhamagouda Science Institute (Autonomous), Belagavi

Research & Development Cell

National Education Policy (NEP) 2020 envisages the promotion of quality research within the Higher Education System. Research, innovation and development are important aspects to enhance quality education by the Higher Education Institutions (HEIs). Societal challenges of our country can only be addressed by having a strong and vibrant higher education ecosystem with an emphasis on research, innovation and technology development. The integration of Research, Innovation and Technology Development is the foundation of Atma-Nirbhar Bharat (Self-reliant India).

The establishment of Research & Development Cell (RDC) in HEIs will enable attainment of targets of Atma-Nirbhar Bharat and is expected to play a pivotal role in catalyzing research culture mandated in NEP 2020. The purpose of these guidelines is to put in place a robust mechanism for developing and strengthening the research ecosystem within HEIs, aligned with the provisions of NEP-2020.

The essential elements of such an ecosystem, viz., generation of knowledge and facilitation of research, innovation and technology development for industrial & societal benefits, are addressed by human resource, intellectual capital, governance and financial resources, information management system, research promotion & guidance, Integrity and ethics, capacity building and research monitoring. The Guidelines are to create a conducive environment for enhanced research productivity; to encourage collaboration across industry, government, community-based organizations, and agencies at the local, national, and international levels and to facilitate greater access to research through mobilization of resources and funding.

Purpose

The purpose of the Research & Development Policy is to create a vibrant atmosphere of research and inculcate research aptitude among the faculty and students. The policy shall serve as an overall framework within which research activities may be carried out. It also aims to identify thrust areas of research having social relevance and thereby supplementing the Vision and Mission of the college. The Research policy also emphasizes contribution towards society and to the nation at large.



Scope

This Research & Development Policy forms the basics of the research ethics of the college and is implemented in all the departments and it serve as the guidelines for the functioning of the Research council of the college.

This policy shall apply to all the researchers of the college and for the purpose of this policy 'researchers' are defined to include:

1. All staff who are active in teaching, research, administration and provision of any form of support to the core functions of the college;
2. All students registered with the college;
3. All mentors, guides, external experts and sponsors associated with any of the research activities of the college
4. All academic and administrative departments of the college;

This policy shall apply to all the research and related activities of the college and will inter alia include:

1. Research activities including basic, strategic and applied research undertaken either for fulfilling the requirements of academic degrees or for solving problems.
2. Scholarly activities intended to expand knowledge boundaries by analysis, synthesis and interpretation of ideas and information by making use of rigorous methodologies.
3. Knowledge compilation and communication initiatives for keeping abreast of academic developments in any knowledge domain such as writing of textbooks, chapters of textbooks, monographs; developing/updating curriculum, etc.
4. Creative activities involving the generation of new ideas, innovations, hypotheses, images, performances or artefacts, including design in any field of knowledge which leads to the development of new knowledge, understanding or expertise.
5. Research projects of students undertaken as part of the curriculum or for enriching it.
6. Publication, presentation and communication of the research outcomes and related activities.



Objectives of the Research & Development Policy

- To strengthen the institutional capacity for strategic, technical and operational planning, budgeting and control of all research activities of the college.
- To create and administer a research fund for supporting and facilitating research initiatives and projects of faculty members and students.
- To develop rules, procedures and guidelines for granting research support, instituting awards, and supporting all other related activities.
- To develop rules, procedures and guidelines for granting study leave, sabbatical leave, duty leave, reduction in workload, etc. for faculty members undertaking research activities.
- To provide a modality of for proper coordination of all research activities of the college and aligning these to the vision and missions of the college and national development goals.
- To prepare and regularly update the research agenda of the college outlining the preferred focus areas and priorities of research activities to be supported.
- To guide faculty members in the effective integration research projects with the regular curriculum implementation and curriculum enrichment activities.
- To identify and inform researchers about the appropriate research opportunities announced by different academic, research, industry or government organizations.
- To promote interdisciplinary research and establish modalities for preparing and undertaking joint research projects covering more than one knowledge domain as well as policies for involving external agencies/experts in such projects.
- To define an enabling framework for researchers to obtain sponsorships for research projects and which makes the participating researchers responsible for the successful implementation of the project.
- To identify and establish linkages including MOU s for long term relationships with national and international research organizations for widening the scope of research opportunities and funding options available to the teachers and students of the college.



- To identify and establish linkages including MOU s for long term relationships with industry bodies and individual companies for creating opportunities for teachers and students of the college to involve themselves in real life research projects and obtaining sponsorships.
- To encourage and facilitate the publication of the research work/projects in reputed academic journals.
- To encourage and facilitate the presentation/communication of the research work/projects as well as their findings and recommendations through academic events such as workshops/seminars/guest lectures or the media.
- To compile data on all the research work/projects undertaken by the teachers and students in to a database for easy monitoring and analysis of the progress being made by them from year to year.
- To provide a mechanism for ensure that academic staff attain the desired mix of teaching, research and consultancy outputs so as to achieve the level stated in the College mission.
- To draw up and adopt a research code, which informs all researchers about the ethical and legal norms and principles to be followed in the conduct of research.
- To prepare and implement a research quality assurance mechanism for ensuring that all research activities of the college conform to standard quality specifications.
- To develop, prescribe and administer rules and procedures to ensure the compliance of all researchers to the research quality assurance framework, the research code and all the applicable rules and regulations.



Research & Development Cell (RDC)

The organizational structure of RDC comprising of various committees for specified functions may be as under:

Research & Advisory Council

1. Principal - Chairperson
2. One Teacher - Convenor
3. One Teacher - Member (Finance & Infrastructure)
4. One Teacher - Member (Research Policy & IPR)
5. One Teacher - Member (Collaboration)
6. One Teacher - Member (Innovation & Entrepreneurship)

Research & Advisory Council may be expanded with the inclusion of more members as necessary.

Research Policy Implementation Mechanism

The RDC of the college shall be responsible for implementing this research policy of the college by working closely with the college management. The specific roles and functions of the RDC will be as follows

1. Facilitate the faculty in undertaking research and will work with the college administration to set up a research fund for providing seed money.
2. Provide research facilities in terms of laboratory equipment, research journals and research incentives etc. required by the faculty.
3. Encourage and promote a research culture (eg. teaching work load remission, opportunities for attending conferences etc.).
4. Encourage the faculty to undertake research by collaborating with other research organizations/ industry.
5. Create suitable procedures for giving due recognition for guiding research.
6. Organize workshops/ training programs/ sensitization programs by the institution to promote a research culture on campus.
7. Prepare budgets for supporting student research projects.
8. Encourage and promote an industry sponsored research projects.



9. Approach National and international organizations such as UGC, ICSSR, ICHR, ICPR, DST, DBT, UNESCO, UNICEF to fund major and minor research projects undertaken by the faculty / students
10. Make efforts to improve the availability of research infrastructure requirements to facilitate research.
11. Develop and implement an official Code of Ethics to check malpractices and plagiarism in research.
12. Facilitate Interdepartmental / interdisciplinary research projects.
13. Institute research awards.
14. Create incentives for the faculty who receive state, national and international recognition for research contributions as well as research awards and recognition from reputed professional bodies and agencies.
15. Encourage and promote the publication of research articles by the faculty in reputed/ refereed journals.
16. Create and maintain a database of research work and research projects undertaken by the faculty and students as well as collect data by metrics such as Citation Index, Impact Factor, h-index, SNIP, SJR, etc.
17. Publicize the research expertise and consultancy capabilities available in the college.
18. Facilitate the provision of consultancy services to industries / Government / Non-Government organizations / community/ public.
19. Prepare Rules & Guidelines for Grant of Research related leave and other remissions.
20. Prepare Guidelines for design and evaluation of curriculum-oriented research projects.
21. Prepare a college research agenda with relative priorities.

