

Research and Development Cell

Swahid Peoli Phukan College, Namti

Research and Development Cell, Swahid Peoli Phukan College has been established in response to the directive of University Grants Commission (Vide letter No.F.1-5/2021 (NEP/Desk-Parl.) and in strict adherence to the guidelines formulated by the statutory body to promote quality research in HEIs. The erstwhile mechanism developed for planning, executing and coordinating all research endeavours undertaken by the institution has been overhauled in the formation of this Cell in tune with the changing orientations towards research in NEP 2020 which emphasizes on innovative, multidisciplinary and translational research.

Vision: to offer significant contribution towards attainment of goals of Self-Reliant India with innovative quality research.

Mission:

- To create a robust research ecosystem in the institution, aligned to the provisions of NEP 2020
- To undertake collaborative research
- To facilitate research endeavors through mobilization of resources and funding
- To integrate research, innovation and technology development

Objectives:

The RDC has been established to realize the following objectives:

- To create a vibrant, conducive atmosphere of research and build a strong research culture
- To strive towards advancement of **research and innovation as two distinct entities.**
- To devise an organizational structure with role-based functions for effective execution of quality research
- Identification and prioritization of thrust areas of research, based on criteria like social relevance, potential usefulness and availability of resources
- To formulate strict rules, norms and principles to ensure effective and ethical conduct of research engagements
- To facilitate research by proper collaboration with other institutions, organizations and agencies
- To foster and mobilize human, knowledge, infrastructural and financial resources to optimize quality in research
- To contribute to society and the nation at large with dissemination and utilization of research outputs.

Governance:

The RDC has formed a governance mechanism to create a conducive research atmosphere for smooth and effective functioning of research activities by ensuring functional autonomy, transparency, accountability and effective interlinkage. The Research and Governance Cell comprises a **Research Advisory Council (RAC)** as the apex body headed by the Principal, and five committees, viz **Finance & Infrastructure, Research Program, Policy Development, Collaboration and Community, Product Development, Monitoring and commercialization, IPR, Legal and Ethical Matters entrusted** with clearly stipulated functions and responsibilities. The principal nominates a senior faculty with extensive research experience and expertise as the Director of the Research and Development Cell. The Director will

coordinate among the various committees to drive the governance. The members of the committees will be nominated by the Director and approved by the RAC.

The constitution of the **Research Advisory Council (RAC)** is as follows:

Chairperson: Dr. Dhruvajyoti Nath, Principal

Members: Dr. Nilakshi Phukon Borgohain, Academic Officer

Mr. Ramen Baruah, Coordinator, IQAC

Mr. Bidyut Bikash Baruah , Librarian

Conveners, RDC

Director, RDC

The Research and Development Council

Director: Dr. Tanuja Bora, HOD, Dept of English

Committee 1: **Finance & Infrastructure**

Convener : Dr. Biman Chandra Das, HoD, Dept of Political Science

Members: Syed Abdur Rohman, HoD, Dept. of Economics.

Dr.Navajyoti Dutta , Assistant Professor, Dept of Mathematics

Committee 2: **Research Program, Policy Development**

Convener : Dr. Biman Ch. Borah, Assistant Professor, Dept of Education

Members: Dr. Beejata Das, HoD, Dept of Geography

Dr. Abdul Mubid Islam, Assistant Professor, Dept of English

Committee 3: **Collaboration and Community**

Convener: Dr. Sahiuz Zaman Ahmed, Assistant Professor, Dept of History

Members: Dr. Umakanta Hazarika, Assistant Professor, Dept of Political Science

Dr. Papu Kumar Ngate, Assistant Professor, Dept of Sociology

Committee 4: **Product Development, Monitoring and commercialization**

Convener: Bidyut Bikash Baruah , Librarian

Members: Dr. Mukul Bora, Coordinator, KKHSOU & DODL, SPPC Centre.

Dr.Mousumi Rekha Khaund, Assistant Professor, Dept of Assamese

Committee 5: **IPR, Legal and Ethical Matters**

Convener: Dr. Jagmohan Boro, Assistant Professor, Dept of Political Science

Members: Dr. P.C. Tuboi , Assistant Professor, Dept of Sociology

Dr. Shiromani Baruah, Assistant Professor, Dept of History

Action Plan

The Research and Development Cell has an elaborate action plan for realizing the objectives. The action plan specifies the initiatives and measures to be adopted during various stages of research cycle from motivation and orientation to effective conduct of research and dissemination and utilization of research outcomes.

The major concerns of the action plan are as follows:

Administration:

The RDC will -

- Formulate rules and a policy framework for planning, implementing and monitoring of research activities.
- Adopt a strategy to integrate multiple functional units to support institutional research under a single window operational system
- Keep a close contact with Ministry Innovation Cell to make use of various innovative plans for facilitating researchers.

Research Ecosystem/ Collaboration

The RDC will –

- Build a sustainable research ecosystem to provide meaningful thrust for sustainable research and innovation
- Promote collaboration between government, universities, research institutes and industries, associations and NGOs.
- Act as a facilitator for networking and collaborative research with other national and international institutions working in inter-disciplinary, trans-disciplinary and multidisciplinary research areas.
- Develop a connection with the RDCs of already established HEIs for gaining guidance and insights for quality research
- Strengthen resource sharing (human, financial, infrastructural) with institutions, organizations and funding agencies.

Research Information Management System

- The RDC will put in place a Research Information management system (RIMS) to collect and manage research oriented information, database, publications, research projects, collaborations, thrust areas, innovations etc of the institution.
- The RIMS will provide a platform for accessing resource centric information pertaining to human capital (Expertise), physical capital (State-of-art Research Laboratories and sophisticated Instrumentation Facility), and knowledge capital (Digital library & information, Intellectual Property Facilitation, Quantitative Methods & Data Analysis, Analytical and Consultancy Services)
- A blog or portal will be created for institutional Research Information and Institutional Repository and an MoU with UGC- INFLIBNET will be signed to access and upload the research information through *Shod Ganga, Shodh Gangotri, Shodh Sindhu, Shodh Shuddhi and Shodh Chakra*.

- It will attempt to implement the Innovation Management (ISO: 56002: 2019) as a common framework to develop and deploy innovation capabilities, evaluate performance, and achieve intended quality outcomes.

Research Promotion, Guidance, Capacity building and Recognition

The RDC will-

- Undertake research promotion activities aligned with the mandates of various National Missions, SDGs, Start-up India leading to a Self –Reliant India.
- Provide research guidance to encourage faculties to conceive ideas through enhanced industry-academia interactions and prepare research proposals for funding from various agencies.
- Organize capacity-building programmes and specific research-theme-based workshops and research Internships to motivate the end-users to actively participate in the process of ideation and innovative research in emerging areas.
- Identify and prioritize the thrust areas for research considering the societal needs and availability and attainability of key resources.
- Organize workshops, training programmes, seminars/ conferences for building the capacity of research community to enable them to undertake research problems in line with the latest advances in diverse disciplines.
- Incentivize achievements in quality research in triggering and catalyzing research among scholars and faculties.
- Develop a unique Research Career Ladder for strengthening the mission of research

Finance:

The RDC will facilitate resource mobilization by-

- Creating a Corpus for research and development from government, industry and other funding agencies
- Channelizing Corporate Social Responsibility funds for sustenance and advancement of research activities.
- To provide seed funding for freshly recruited faculty for research facilities, publications etc.

Code of Conduct for Research Ethics:

The RDC will-

- Ensure that researchers maintain honesty and integrity and comply with ethical codes of research and publishing practices at institutional, national and global levels
- Implement a standard plagiarism check and make the requisite software accessible to all researchers
- Sensitize the research community about dubious research and publishing practices and predatory journals.

Research Regulation and Monitoring

The RDC will –

- Formulate and adhere to specific quality benchmarks to ensure the global standards
- Conduct quality review (SWOC Analysis) or internal evaluation of the research papers and suggest Scopus indexed, Web of Science or UGC- CARE recognized journals for appropriate publications.
- Monitor and oversee research progress

- Do timely review of research activities for completion of the projects as per schedule
- Manage and facilitate research by optimization of resources.

The RDC, with insights, guidance and suggestions from the RAC will formulate the rules, strategies and policy frameworks and implement these by coordinating, supervising, monitoring and facilitating research activities. The various committees will work as task groups and be entrusted to perform various concerns of the action plan. The Director will coordinate among the various committees to integrate multiple functional units into one operational system.

The policy and action plan of the RDC will be updated or amended as and when necessary according to the directives of National Education Policy and other National policies, rules and norms of the affiliating university and regulatory bodies like University Grants Commission.

Principal

Swahid Peoli Phukan College, Namti