

## **Research and Development (R&D) Cell**

### **Objectives**

#### **1. Promote Research Culture:**

- Encourage faculty and students to engage in high-quality research activities.
- Cultivate scientific temper and critical thinking among the academic community.

#### **2. Support Evidence-Based Practice:**

- Facilitate research that contributes to evidence-based nursing care and improved patient outcomes.
- Encourage the application of research findings into clinical practice and nursing education.

#### **3. Capacity Building:**

- Organize workshops, seminars, and training programs on research methodology, biostatistics, and scientific writing.
- Provide mentorship and guidance for students and faculty in research projects and publications.

#### **4. Facilitate Research Projects and Grants:**

- Identify and disseminate information about research funding opportunities.
- Assist in proposal writing, submission, and management of funded research projects.

#### **5. Encourage Interdisciplinary and Collaborative Research:**

- Promote collaboration with other departments, institutions, industries, and healthcare organizations.
- Support multidisciplinary research initiatives addressing public health issues and nursing challenges.

#### **6. Ethical Research Practices:**

- Ensure all research conducted adheres to ethical guidelines and standards.
- Support the functioning of the Institutional Ethics Committee (IEC).

**7. Enhance Publication and Dissemination:**

- Encourage publication of research findings in reputed peer-reviewed and indexed journals.
- Support participation in conferences, symposiums, and academic forums to share research outputs.

**8. Develop Innovation and Patents:**

- Promote innovation in nursing education, clinical practice, and community health.
- Facilitate the process for intellectual property rights (IPR), patents, and prototypes.

**9. Monitor and Evaluate Research Activities:**

- Maintain a database of ongoing and completed research projects.
- Periodically review the progress and impact of research and innovation efforts.

**10. Contribute to Institutional Development:**

- Align research activities with the institutional vision, mission, and national health priorities.
- Support the institution's ranking, accreditation, and quality assurance through research excellence.