

## **Research & Development Cell (RDC)**

### **The Apollo University, Chittoor- Andhra Pradesh**

#### **Introduction:**

The National Education Policy (NEP) 2020 emphasizes the promotion of quality research within the higher education system, recognizing research, innovation, and development as crucial for enhancing education quality and addressing societal challenges.

The Apollo University is committed to aligning with this vision by establishing a Research & Development Cell (RDC). The RDC aims to create a dynamic and vibrant research ecosystem that integrates research, innovation, and technology development, thus contributing to the vision of a self-reliant India (Atma-Nirbhar Bharat). By fostering a multidisciplinary and translational research culture, the RDC will play a pivotal role in advancing the university's research capabilities, encouraging collaboration across various sectors, and facilitating access to resources and funding. This initiative underscores the university's dedication to producing reliable, impactful, and sustained research outputs that benefit both industry and society. The Apollo University contributes significantly to the national research landscape, fostering innovation and addressing societal challenges through impactful research.

#### **Vision**

- To establish a robust mechanism for developing and strengthening the research ecosystem within The Apollo University, aligned with the provisions of NEP-2020.

#### **Mission**

- 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.
- To facilitate greater access to research through mobilization of resources and funding.

## Constitution of Research Advisory Council

SI No.	Name of the Member	Remarks
1	Dr. Vinod Bhat Vice Chancellor	Chairman
2	Dr. Ramaiah Itumalla Dean, SoM	Member
3	Dr. C. Sunil Kumar Dean, SoT	Member
4	Dr. K. Bhaskar Reddy Dean, AIPS & SoHS	Member
5	Dr. A. Sethuramsubbiah Dept. of SW, SoSS	Member
6	Dr. R. Satyanarayana HoD, Dept of BMS, SoHS	Member
7	Dr. Praveen Hoogar Research Coordinator	Member
8	Dr D. Jagadeesan, Professor & Chairman, IIC	Member
8	Prof. M. Potharaju Registrar	Member Secretary

### Roles and Responsibilities of the RDC

The RDC at The Apollo University will have a structured set of roles and responsibilities to ensure the effective promotion and management of research activities within the institution. RAC will meet quarterly (four times )in a year . These roles and responsibilities include:

#### 1. Policy Formulation and Implementation

- Establish comprehensive research policies that align with national and institutional goals.
- Formulate guidelines for research conduct, ethical considerations, and intellectual property management.

#### 2. Research Promotion and Facilitation

- Promote a culture of research and innovation among faculty and students.
- Identify and disseminate information about funding opportunities from various national and international agencies.
- Encourage faculty and researchers to obtain funding form various funding agencies by submitting research proposals.
- Ensure appropriate allocation of resources, including infrastructure, equipment, and financial support for research projects.

### **3. Collaboration and Networking**

- Foster collaborations with industry, government bodies, research organizations, and other academic institutions.
- Establish research clusters and consortia to address multidisciplinary research challenges.
- Act as a bridge between researchers and funding agencies, facilitating proposal submissions and compliance with funding requirements.

### **4. Capacity Building and Training**

- Organize workshops, seminars, and training programs to enhance the research skills of faculty and students.
- Establish mentorship programs to guide young researchers in their projects and career development.
- Maintain the Research Management System (RMS) for sharing the status of ongoing/completed research projects, expertise, and resources

### **5. Research Administration**

- RDC provides strategic leadership for research
- Oversee the management of research projects, ensuring timely progress and compliance with objectives.
- Implement systems for the regular monitoring and evaluation of ongoing research projects.
- Maintain detailed records of research activities and outcomes, preparing periodic reports for internal and external stakeholders.

### **6. Dissemination of Research Outcomes**

- Encourage the publication of research findings in indexed journals and filing of patents for innovative work.
- Organize conferences, symposiums, and exhibitions to showcase the research achievements of the university.
- Develop platforms for the dissemination of research knowledge, including institutional repositories and research information systems.

### **7. Ethics and Integrity**

- Ensure that all research activities adhere to high ethical standards, including obtaining necessary bioethical clearances.
- Promote research integrity by establishing protocols for the responsible conduct of research and addressing any instances of research misconduct.

### **8. Innovation and Entrepreneurship**

- Facilitate the establishment of startups and spin-offs based on research outcomes.
- Provide incubation services, including mentorship, funding support, and business development for innovative projects.
- Enhance coordination among other cells/centers dealing with University-Industry Linkages, consultancy, Incubation, Innovation and Entrepreneurship Development.

- Assist researchers in managing intellectual property rights, including patents, trademarks, and copyrights.

These roles and responsibilities will ensure that the RDC at The Apollo University fosters a thriving research environment, driving innovation and excellence in line with the institution's mission and vision.

