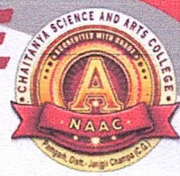


Guidelines for the Establishment of the Research & Development Cell (RDC)

*In accordance with UGC Guidelines for Autonomous Colleges and
NEP-2020*

Chaitanya Science and Arts College

Pamgarh, Janjgir-Champa, Chhattisgarh Affiliated to Shaheed
Nandkumar Patel Vishwavidyalaya, Raigarh



ESTABLISHMENT OF THE RESEARCH & DEVELOPMENT CELL (RDC)

(In accordance with UGC Guidelines for Autonomous Colleges and NEP 2020)

Introduction

In alignment with the vision of the National Education Policy (NEP) 2020, the University Grants Commission (UGC) recommends the establishment of Research & Development Cells (RDCs) in Higher Education Institutions (HEIs), including autonomous colleges. These RDCs aim to promote high-quality research, innovation, and collaborative work, thereby enhancing academic excellence and contributing to national development goals.

Chaitanya Science and Arts College, Pamgarh, as an autonomous institution, commits to the establishment of a structured and strategic Research & Development Cell to nurture a sustainable and impactful research culture.

Objectives of the Research & Development Cell

The RDC of the college will pursue the following objectives:

Organizational Structure

To ensure systematic functioning, transparency, and efficient implementation of research initiatives, the Research & Development Cell at Chaitanya Science and Arts College, Pamgarh will be established with a well-defined hierarchical and functional organizational framework. The structure will delineate clear roles, responsibilities, and reporting mechanisms, fostering accountability and operational clarity across all research activities.

Governance and Composition

The RDC will function under the overall supervision of the Principal, who shall be the Chairperson of the Cell. The following composition is proposed:

A. Research Advisory Council (RAC)

- **Chairperson:** Dr. V.K. Gupta, Principal of the College
- **Vice-Chairperson:** Dr. Narendranath Guria, RDC Coordinator
- **Members:**
 - Head of Departments,
 - Science: Dr. Veenapani Dubey,
 - Arts: Dr. (Mrs.) Shaily Ojha
 - Commerce : Mr. Ashok Singh Yadav

- One external expert from a reputed research institution or university:
Dr. (Mrs.) Garima Tiwari, Associate Professor, Department of Forestry and Wildlife, Guru Ghasidas Central University, Bilaspur, Chhattisgarh.
- One representative from local industry or community:
Shri. Shailendra Tiwari, NTPC, Raipur, Chhattisgarh.
- IQAC Coordinator
- Librarian

Functions:

- Provide strategic guidance and direction to the RDC.
- Approve research policies and annual research plans.
- Evaluate performance and outcomes of RDC activities.
- Ensure alignment with UGC guidelines and NEP 2020 objectives.

Functions of DRCs:

- Encourage faculty and student research at the departmental level.
- Review and recommend research proposals for funding.
- Identify thrust areas and interdisciplinary opportunities.
- Promote ethical research practices and ensure compliance with institutional policies.

Publication and Review Committee

- **Purpose:** To screen research publications, ensure academic integrity, prevent plagiarism, and guide faculty and students toward publishing in reputed and indexed journals such as those listed in UGC-CARE, Scopus, and Web of Science.
- **Chairperson:** Dr. V. K. Gupta, Principal
- **Coordinator:** Dr. Narendranath Guria, Asst. Prof.
- **Member:** Dr. (Mrs.) Shaily Ojha, Asst. Prof.
- **Subject Expert:** Dr. (Mrs.) Garima Tiwari, Associate Professor, GGU Bilaspur

Activities of the RDC

1. Research Policy Development:

Formulate comprehensive research policies to support faculty recruitment, student involvement, and transparent financial management for research activities.

2. Collaboration Promotion:

Facilitate linkages with government agencies, research institutions, and industry to promote joint research and funded projects.

3. Capacity Building:

Organize training sessions, workshops, and FDPs (Faculty Development Programs) to enhance research skills and methodology understanding.

4. Research Monitoring:

Monitor ongoing research for quality, ethical standards, and alignment with institutional goals.

5. **Innovation Facilitation:**

Encourage innovation, patent filing, and the commercialization of research outputs.

6. **Resource Mobilization:**

Create a dedicated research fund through institutional budget allocation, government grants, and industry sponsorship.

7. **Community Engagement:**

Address local and regional challenges through participatory, community-based research projects.

Implementation Strategies


1. **Engagement of Experienced Researchers:** Engage senior academicians and visiting scholars to mentor junior faculty and students in research activities.
2. **Infrastructural Development:** Develop modern laboratories, libraries, ICT tools, and access to digital journals/databases (e.g., INFLIBNET, Shodhganga).
3. **Capacity Building Programs:** Conduct regular orientation programs, skill-based training, and student research internships.
4. **Regular Review Mechanisms:** Implement internal auditing and review systems for research proposals, ongoing projects, and post-project evaluations.
5. **Promotion of Research Culture:** Recognize outstanding contributions through annual research day celebrations, publications, and community dissemination of findings.

Monitoring and Reporting

- Maintain documentation of research output (publications, patents, conferences, etc.).
- Encourage publication in UGC-CARE listed journals and international journals with high impact factors.

Conclusion

The establishment of a well-structured Research & Development Cell at Chaitanya Science and Arts College, Pamgarh, under UGC's visionary framework, will significantly contribute to building a research-oriented academic environment. This initiative will empower faculty and students, enhance the institution's reputation, and address societal and national development challenges through impactful research and innovation.


Principal
Dr. V.K. Gupta
PRINCIPAL
Chaitanya Science And Arts College
Pamgarh, Distt. Janjgir-Champa(C.G.)