

Research and Development Cell
Government Degree College, Anantnag.
Khanabal, Anantnag – 192101 (J&K)

No: DCA/ 101/1261 RDC .

Dated: 15/07/2026

Policy document (Vision and Mission), aligned with provisions of NEP 2020.

1. Vision

To establish a transformative, deeply inclusive, and **multidisciplinary research ecosystem** that ignites critical inquiry, fosters disruptive innovation, and anchors itself in ethical responsibility. By bridging the gap between traditional wisdom and cutting-edge technology, the Institution aims to cultivate a generation of problem-solvers who will drive India's transformation into a **global knowledge superpower** as envisioned in the **National Education Policy (NEP) 2020**.

2. Mission

- **Cultivate Multidisciplinary & Interdisciplinary Synergies:** Break down departmental silos by integrating the sciences, technology, engineering, humanities, social sciences, arts, and vocational streams to address complex systemic challenges.
- **Accelerate Innovation, Translation, and Entrepreneurship:** Create a vibrant pipeline from "mind to market" by establishing state-of-the-art incubation centers, intellectual property (IP) support cells, and strategic industry-academia clusters.
- **Embed Institutional Equity, Diversity, and Inclusion (EDI):** Democratize research pathways by engineering targeted financial, infrastructural, and mentorship lifelines for women, socio-economically marginalized groups, and differently-abled scholars.
- **Empower Human Capital and Capacity Building:** Cultivate a world-class community of researchers through continuous professional development, advanced pedagogical training in research methodologies, and global mentorship networks.
- **Revolutionize Digital Architecture and Open Science:** Leverage emerging technologies, Artificial Intelligence (AI), data analytics, and decentralized repositories to make institutional research visible, accessible, and globally impactful.
- **Revitalize Indian Knowledge Systems (IKS):** Champion rigorous scholarly inquiry into indigenous technologies, traditional sciences, arts, literature, and sustainability models, positioning local knowledge within a global framework.

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- **Expand Global Footprint and Strategic Collaborations:** Forge high-impact credit-sharing, co-authoring, and resource-pooling alliances with leading national and international universities, research laboratories, and think tanks.
- **Enforce Uncompromising Research Integrity and Ethics:** Mandate absolute transparency, accountability, and biosafety/bioethics compliance across all research verticals, eradicating predatory publishing and academic malpractice.

3. Comprehensive Mapping with NEP 2020 Mandates

NEP 2020 Key Provision	Core Mandate & Institutional Strategy	Target Outcomes
Multidisciplinary & Holistic Learning (Sec. 11)	Dissolve disciplinary boundaries by creating cross-departmental research clusters and offering flexible, credit-based research electives to undergraduate and postgraduate students.	Grand challenge projects; joint-degree research pathways.
Equity, Inclusion & Socio-Economic Mobility (Sec. 6)	Allocate dedicated seed funding, extend age limits for internal grants, and provide assistive technology infrastructure for underrepresented groups.	Parity in research output; high retention of diverse scholars.
National Research Foundation (NRF) Alignment (Sec. 17)	Establish a specialized NRF Liaison Unit to align institutional project proposals with national thematic priorities, maximizing state and central funding acquisition.	40% increase in peer-reviewed external grant funding.
Technology Integration & Open Science (Sec. 23 & 24)	Deploy an institutional AI-powered research ERP system, subscription to premium digital discovery tools, and open-access research repositories.	Accelerated literature mining; enhanced citation metrics.

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NEP 2020 Key Provision	Core Mandate & Institutional Strategy	Target Outcomes
Promotion of Indian Languages, Arts & Culture (Sec. 22)	Provide active institutional translation grants and fund fieldwork-heavy research exploring regional arts, indigenous agriculture, and ethnomedicine.	Bilingual research publications; documentation of dying heritages.
Global Citizenship Education & SDGs (Sec. 8)	Mandate that institutional seed-grant applications prove alignment with at least one UN Sustainable Development Goal (SDG) or climate action initiative.	High ranking in global impact indices (e.g., Times Higher Education Impact Rankings).

4. Strategic Objectives & Operational Framework (2026–2031)

Pillar 1: Infrastructure and Ecosystem Development

- **Establish Transdisciplinary Research Hubs:** Set up three flagship institutional clusters focusing on:
 - *AI and Digital Humanities:* Evaluating the socio-ethical impacts of automation on learning.
 - *Sustainable Systems and Green Technology:* Developing local solutions for clean energy and waste circularity.
 - *Center for Indian Knowledge Systems (CIKS):* Scientifically validating traditional ecological and medicinal practices.
- **Launch an Institutional Tech-Incubation and IP Cell:** Establish a single-window clearance office for patent filing, technology transfers, and student/faculty-led startups, ensuring regular patent-law training.

Pillar 2: Human Capital & Capacity Amplification

- **Mandatory Research Induction and Continuous Training:** Implement an annual, credited 4-week Faculty Development Program (FDP) focusing on data analytics, advanced research design, grant-writing masterclasses, and mixed-method approaches.



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- **Undergraduate Research Opportunities Program (UROP):** Introduce structured research components in early higher education. Provide micro-grants for undergraduate dissertations to spark interest in academia early.

Pillar 3: Funding, Inclusivity, and Resource Allocation

- **NEP-Aligned Diversity Fellowships:** Create specific institutional stipends and research support funds earmarked exclusively for female researchers returning after career breaks, SC/ST/OBC scholars, and differently-abled researchers.
- **Internal Seed Grant Mechanism:** Restructure the institutional budget to allocate an annual corporate-backed fund for competitive, peer-reviewed seed grants to support early-career faculty.

Pillar 4: Digitalization & Dissemination

- **Institutional Repository & Metadata Harvesting:** Build an open-access platform compliant with international standards to host all institutional theses, working papers, datasets, and preprints.
- **AI Tool Integration & Ethical Guidelines:** Standardize the use of authorized AI tools for grammar, syntax, and formatting editing, while building strict compliance checks to prevent AI-generated plagiarism.

5. Governance, Monitoring & Quality Assurance

Executive Structure

- The **Research & Development Committee (RDC)** will be steered by a Dean/Director of Research, supported by five specialized sub-committees: Grant Management, Intellectual Property & Incubation, Ethics & Compliance, International Collaborations, and Capacity Building.

Monitoring & Auditing Protocols

- **Bi-Annual Milestones:** The RDC will conduct formative evaluation reviews of all internally funded projects every six months.
- **Annual Institutional Research Audit:** An annual performance audit report detailing total citations, cumulative h-index shifts, active patents, external grant conversions, and equity metrics will be presented to the Academic Council and Governing Body.

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- **Plagiarism & Malpractice Oversight:** The Institutional Ethical Committee (IEC) will run strict checks using high-end detection software. Confirmed cases of predatory publishing or structural data falsification will face immediate disciplinary action, including the revocation of research privileges.

6. Conclusion

This extended **Vision, Mission, and Operational Framework** shifts the institutional focus from siloed, passive academic publishing to an agile, values-driven, and high-impact innovation engine. Completely synchronized with the core tenets of **NEP 2020**, this policy balances technological advancement and global competitiveness with deep-rooted inclusivity, social equity, and a proud reclamation of Indian intellectual heritage.

Submitted by:



Dr Abida

Convenor,

Research and Development Committee