GOVERNMENT OF GOA
DIRECTORATE OF HIGHER EDUCATION
&
GOA STATE HIGHER EDUCATION COUNCIL

Guidelines for Research & Development Cell (RDC) of HEIs in Goa

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Introduction to RDC .....

The UGC launched an initiative to establish a Research and Development Cell (RDC) in Higher Education Institutes (HEIs) with the mandate for promoting quality research that contributes meaningfully towards the goal of a self-reliant India, aligned with the provisions of NEP-2020. The RDC would help creating a research ecosystem for reliable, impactful, and sustained research output. The essential elements of such an ecosystem, viz., generation of knowledge and facilitation of research, innovation and technology development for industrial & societal benefits, are addressed by human resource (researcher & faculty), intellectual capital (knowledge & skills), governance (regulation & policies) and financial resources (funding & grants).
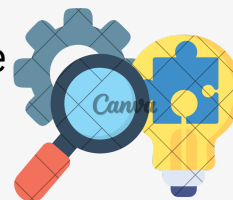
Goa State Higher Education Council at Directorate of Higher Education initiated step of establishing "Research & Development Cell (RDC)" in all HEIs in the state of Goa. It is well known fact that the best teaching and learning processes at higher education level occur in environment of strong culture of research and knowledge creation. Thus in order to transform the quality and quantity of Research at HEIs in Goa, the RDC cells of colleges shall prepare roadmap and shall conduct well planned annually outcome based activities, so as to achieve the objectives of RDC.
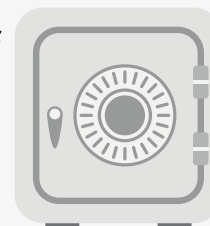
Responsibilities of Research & Development Cell (RDC) of HEIs in Goa

1. The development and enhancement of the Institute's research profile.

2. The protection and commercialization of the Institute's intellectual property following the IPR norms and regulations.

3. Creating awareness among faculty and staff members about various research funding schemes and their sources .

4. Promoting projects and research that can be easily identifiable with the public and helpful to the local community and community at large.

5. Developing a conducive environment for the motivating and engaging staff with a knack for innovations and research.

6. Building research capacity and mentoring researchers.

Responsibilities of Research & Development Cell (RDC) of HEIs in Goa

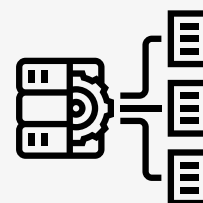7. Setting up systematic procedures for the administration of research programs.

8. Monitoring the mobilization of research funds and ensuring that they are properly utilized and accounted for.
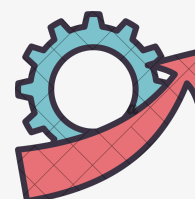
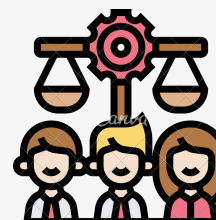9. Encouraging multi-disciplinary research across departments and colleges

10. Monitoring the performance in research and development of individual researchers, departments through a structured database .

11. Monitoring and enhancing the quality of research projects, programs and infrastructure within College, including the training of research scholars.

12. Overseeing that code of ethics in research is followed at all levels in the Colleges.

What should we include in RDC activities .....

1 Research Information Management System (RIMS)

2 Human Resources Development and Training

3 Research Promotion activities

4 Organizing Weekly Research Consortia or Seminars

5 Initiatives for the Establishment of Incubation centre and Start up

6 Capacity Building and develop mechanism for Sharing of Research Infrastructures

7 Encouraging PhD guideships to guide PhD Students

8 Research Monitoring: Formulate quality benchmark for research

9 Preparation and Submission of Annual Progress Report

Indicator to Monitor Annual Progress of RDC of your College

- Level of faculty engagement with research activity & Quality of research output

- Collaborative research initiatives undertaken or led by faculties

- Number of Research funding applications

- External Funding Levels

- Growing evidence of research impact/quality publication in Sciences, Arts and Humanities, Languages etc.

- Number of Enrollment of students for PhD admission

- Improvement in Ranking of HEIs in Goa: NIRF

Annual Performance Checklist

- Increase in number of quality publication every year (1 per faculty)

- At-least 2-5 project shall get sanction (every year) and one sponsor project with each faculty.

- PhD. registration opportunities for faculties (at least 3-5 in college every year)

- Application for PhD guide-ship under cluster program affiliated to Goa University.

We shall conduct evaluation activities and use success or performance indicators to measure their progress.

Additional Guidelines

1) UGC website: Guidelines for Establishment of Research & Development Cell In Higher Education Institutions.

https://www.ugc.gov.in/e-book/6347789_RDC-Guideline.pdf

2) UGC website: Academic Integrity and Research Quality

https://www.ugc.gov.in/e-book/Academic%20and%20Research/mobile/index.html

3) UGC website: Good Academic Research Practices (GARP)

https://www.ugc.gov.in/e-book/UGC_GARP_2020_Good%20Academic%20Research%20Practices.pdf

4) UGC website: Quality Mandate for Higher Education Institutions in India

https://www.ugc.gov.in/e-book/Quality%20Mandate%20E-BOOK/mobile/index.html

5) UGC website: Consortium for Academic Research and Ethics CARE

https://www.ugc.gov.in/e-book/CARE%20ENGLISH.pdf