DHENKANAL AUTONOMOUS COLEEGE, DHENKANAL

RESEARCH AND INNOVATION POLICY

INTRODUCTION

The Research and Innovation Policy of DAC stands as a guiding beacon, illuminating the path toward a vibrant tapestry of research endeavors. It crafts a blueprint, adorned with principles of competitiveness, innovation, ethics, and social responsibility, nurturing a culture where scholarly pursuits flourish ethereally. Within this luminescent framework, DAC strives for both quantitative rigor and qualitative finesse, all in the pursuit of sustainable progress.

In the symphony of academia, DAC pledges unwavering support to every scholarly endeavor. It echoes with a resolute commitment to foster and propel the frontiers of knowledge, casting its benevolent gaze across diverse disciplines. Through the art of discovery, dissemination, and application, DAC endeavors to enrich the fabric of education, weaving strands of wisdom into the very essence of its vision and mission.

2. The Research and Innovation Policy of DAC lays out a plan for everyone involved— stakeholders, management, and academic staff to understand their part in fostering research and innovation at DAC. The main goals of this policy are to:

(a) Make DAC better at research, consulting, and teaming up with others to share knowledge.

(b) Get different subjects and areas to work together on research projects, both here and in other countries.

(c) Strengthen the bonds between DAC, businesses, and society, working together more closely.

(d) Work harder to make money for DAC by getting projects and patents for important research findings.

3. SCOPE

This policy covers all processes related to the implementation and management of research, research output, scholarly activities, collaborations, knowledge dissemination and consultation at DAC.

4.0 POLICY STATEMENT

To make DAC a leading institution of higher learning at the state, national and international level in research, innovation, teaching, and social service learning. The College believes in taking a significant step to develop a culture of competitive research and innovation among faculty and students in order to enrich our academic practices and social responsibility while demonstrating adherence to recognized standards of quality assurance.

8.0 RESEARCH ETHICS

Faculty and students of the College who conduct research must have high ethical standards in accordance with the guidelines stipulated in by the DAC Ethics Committee and Utkal University

1. It is a basic assumption that researchers are committed to the highest standards of ethical and professional conduct in undertaking and supervising research. They have a duty to maintain the highest standards of probity in research applicable to their discipline and thus protect and enhance standards of excellence in research.

8.1 IPR and Plagiarism

Recognising and responding to the ethical dimension of research is a fundamental part of the College governance. The College needs to procure plagiarism software for plagiarism detection to avoid deceitful practices. In this connection, DAC takes the responsibility to use software like grammarly, Plagiarism detector, plagiarism, scribber etc.

8.2 Intellectual Property Rights

Intellectual property rights are the rights protected by specific laws that allow the owner of the Intellectual Property to exercise exclusive control over the exploitation of such rights usually associated with commercial gains

8.3 RESEARCH INTEGRITY

1. Research integrity describes the responsibilities of researchers and the research community. It involves, above all, a commitment to intellectual honesty and personal responsibility for one's actions and to a range of practices that characterize responsible research conduct. These practices include:

a) Honesty and fairness in proposing, performing, and reporting research;
b) Accuracy and fairness in representing contributions to research proposals and reports;
c) Proficiency and fairness in peer review;
d) Collegiality in scientific interactions, communications and sharing of resources;
e) Disclosure of conflicts of interest;
f) Protection and confidentiality of human subjects in the conduct of research;
g) Humane care of animals in the conduct of research;
h) Adherence to the mutual responsibilities of mentors and trainees.

3. SAFETY:

The institution and research workers have a responsibility to ensure the safety of all those associated with research. It is also essential that the design of projects conform to relevant ethical guidelines stipulated by the institution, the affiliated state university, the research guides and the DAC Research Ethics committee.

The Need to Conduct Research

In an effort to achieve the set vision, the College undertakes the following approach:

(a) All faculties must conduct research and scholarly activities as well as to publish the outcome in and high impact factor journals like Scopus indexed, web of science, UGC care listed journals etc and also patent their innovations.

(b) All researchers must make themselves eligible to apply for research funds to finance their research.

(c) Conducting research is essential in the career development of faculty as well as undertaking academic and administrative responsibilities.

(d) In the Recent competitive world it is imperative to hone, guide and nurture future talents to get sustainable and innovative environment.

4.1 MANAGEMENT OF RESEARCH

1) DAC Research Committee

2) DAC IQAC- Internal Quality Assurance Cell

3) DAC Academic Audit team

4) Heads of Research Monitoring Departments (All Departmental Heads)

5) Research mentors

6) Scholar coordinators

5.1 DAC MANAGEMENT SUPPORT:

Provide with Infrastructural and human resources to develop and enhance institutional research

(a) Provide Infrastructural support like Dedicated Research Rooms and Research Lab for researchers to engage in high quality, internationally competitive sustainable research activity.

(b) Initiate research mentorship concept for attracting young researchers.

(c) Felicitation and Recognition for the well motivated and research oriented academic staffs.

6.0 RESEARCH FINDINGS (OUTPUT) AND PERFORMANCE INDICATORS

Research output and performance indicators for the research include publications, intellectual property rights, research reports, research funds, and supervision and consultancy services.

7.0 SYNERGY IN TEACHING AND RESEARCH

To implement pedagogy which involves a research influenced teaching.

4 .Ethics Committee: Role and responsibility

A Research Ethics committee comprises a group of faculty from multi-disciplines appointed to review research proposals in order to assess formally if the research is ethical. This means the research must confirm to recognized ethical standards, which includes respecting the dignity, rights, safety and well-being of the people who take part. Importantly, the committee recommends research integrity and moral responsibility to respect the intellectual property rights and avoid malpractices.

Standards for Research and Publications

All persons to whom these Guidelines apply must be very careful in using material from other authors and ensure that it is properly acknowledged. The deliberate copying of other people's work and the presentation of it as one's own constitutes plagiarism, which is unacceptable to the institution. Those who use material which is not produced by them have a responsibility to make its status and origins quite clear to those to whom it is presented. It is a fundamental principle of academic life that individuals can claim credit for and make material use of only those works or parts of work to which they have a legitimate claim.

Principal 02.05.24

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