RESEARCH POLICY

"To promote research expertise among the faculty members, postgraduate students and research scholars, research clusters with specialization domains are formed that will lead to quality research articles and patent publications and execution of externally funded projects"

RESEARCH DEVELOPMENT CELL

The department has a research advisory committee to strengthen research facilities in the department, improve the quality of research publications and to enhance chances of getting external funded projects.

R&D Promotional Factors

1. Encourage the members of the faculty to attend the International / National level

conferences, Workshops, Seminars to enrich their knowledge in the recent advancements

in research.

2. Faculty members are encouraged to publish their research works in the peer reviewed

journals.

3. Faculty – Student collaborative research publications are promoted.

4. Encourage faculty to collaborate with other researcher inside/outside the institution to

enhance the research.

5. Department will conduct Seminars/research talks by eminent researchers to enrich the

research culture within the teachers and students.

6. Encourage faculty members to write projects and apply for external/internal funds.

Research Cluster

A Research Cluster is a formally recognized group of researchers whose research expertise is applied either to a common area, field, or theme, or who are involved in a collaborative research project, or set of related projects.

Purpose Research Clusters exist to:

Bring together, and provide a supportive and stimulating collegial context for researchers, postgraduate students, and research scholars working on topics of common or related interest, with the aim of increasing the research outputs of the university and thus to contribute to the society.

Attract internal and external research funding for collaborative research, with the aim of being upgraded to a Research Theme or a Research Centre.

Generate, and promote awareness of, research opportunities for potential postgraduate students, and for research collaborations with staff and students within the university or other universities.

Objectives and Intended Outputs

The research cluster seeks to provide:

- A forum where scholars can share their research and works-in-progress, and learn of and from the work of others
- Resources and learning opportunities for scholars to develop new aspects of their research
- Possibilities for collaborative and interdisciplinary work within CU and with other institutions/organizations.

Criteria for Formal Recognition

Recognition as a 'Research Cluster' requires the approval of the Head of the department, based upon a detailed application. In appraising applications, HOD will constitute a Research Committee and they will use the following guidelines:

1. There must be a minimum of three researchers working on a common theme, or in a common area of study. Members of a Research Cluster may be individual scholars pursuing independent projects in a related field, or scholars pursuing collaborative research as part of a team.
2. All researchers listed in the Research Cluster must have a record of research outputs that would qualify them to be classified as "Active Researcher' under the DoDS&S
3. The cluster must have one or more research projects or programmes that will result in research outputs — especially in the form of quality-assured research publications, and the attraction of postgraduate research students to topics that relate to the theme or field of the cluster

Management of Research Clusters

Information about Research Clusters (membership, research, publications, activities, etc.) will be featured in the Research section of the Department of Data Science and Statistics and a copy will be forwarded to the Consultancy division and research department of the university.

Performance Review

At the end of each semester members in the research Cluster must provide a report on the activities and research outcomes to HOD, who will review the report.

The report should include descriptions of (1) The Cluster's collaborative research activities and achievements; (2) Directions of future collaborative research; (3) Successes of collective funding applications.

Research clusters
1. Wellness
   Wellness has personal, familial, and social aspects and plays an integral role in how we live our lives.
   Wellness not only relates to physical activity, physical literacy, healthy eating, and dealing positively with stressors, but also to mental health, comprehensive health programming, financial responsibilities, and social decisions
2. Food adulteration
3. Retail and logistics management
4. Chemical
5. Materials and Energy
6. Water and Air quality management
7. Urban Sustainability & Environmental Health
8. Cyber Security
9. Marine and Oceanology
10. Arts and Culture
11. Primary, higher and International education
12. Animals and Birds
13. Bioinformatics
14. Parallel Processing and Cloud Computing
15. Quantum Computing