

RESEARCH, CONSULTANCY

The Research and Innovation Centers of ISO Degree college is a new and promising department and is steadily growing and doing to achieve the high quality standards in all sphere of research activities. The Research and Innovation department aims at providing the necessary guidance and motivation to ensure that every individual is able to contribute their ideas and go ahead with their research work in a professional and organized manner. Research and Innovation Centers of Excellence emphasizes on active involvement of young and enthusiastic researchers to contribute to the society in the fields of Information Technology, Sciences, Management and Commerce.

VISION

To be recognized as a creative and innovative world class Research center in Science, Technology and Management

MISSION

Strengthening research culture through quality service delivery based on latest technology

OBJECTIVES

- To create an ambience in which new ideas, research and scholarship flourish, and from which the leaders and innovators of tomorrow emerge.
- Research serves to inspire, inform, and support the educational mission, from the recruitment of faculty who are leaders in their profession to the opportunities for experiential learning in leading-edge laboratories, centers, and studios.
- To collaborate with other academic and research institutes around the world to strengthen the education and research ecosystem.
- Provide a professional management, coordination and quality service in order to successfully carry out research activities

Research and Innovation Centre (RIC)

The Research and Innovation Centre of ISO focuses on innovative practices and outcomes in research. The RIC turns innovative ideas into successful new products and technologies to make this world a better place. ISO focus on research and innovation in the fields of science and technology, foster entrepreneurial culture in the college and will provide a platform for the students to pursue entrepreneurial activities. Further this cell promotes innovation and entrepreneurship by converting and translating technology ideas in various disciplines of science, commerce and management into products, processes and services for commercial exploitation and the benefit of the society.

2. Science and Technology Centre:

The ISO Science and Technology Centre promote Scientific and technology Research among the young scientists and students. Key areas of research includes

- a. Conducting Science and technology workshops/Conferences and exhibitions
- b. Providing field based projects to the students in the emerging areas of Artificial Intelligence, Nanotechnology, Internet of Things(IOT), Data Sciences etc

3. Research Quality Parameters

Maintain high Quality of Research

Fulfillment of ethical stands in research activities/projects

Encourage research to find societal issues/problems

Adopt scientific research process and execution in projects

Undertaking research in contemporary technologies

Publication of excellent quality papers

National/International conferences/Seminars/Workshops/FDPs

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Explore research projects/consultancy to industry/Government

MOU's/Collaborations

Patents achievement

Start-up achievement

Research Committee will have the following composition

1. Principal – R&D Chairperson
2. HOD's – Advisory Board members
3. One senior professor – Central R&D Coordinator
4. One senior faculty from each Department – Department R&D Coordinators

Rules & Regulations of R & D Cell

ISO Degree College's

- Policy on Promotion of Research ISO Degree College, Commerce, Management & Technology Centre promotes quality research which supports and strengthens the basic foundation of knowledge, and infrastructure, catering to the needs of society through research and innovation. The Research & Development cell was established in 2023 guide and implement objectives for the development of research and innovation within the college.

Establishment of Research and Development (R & D) cell:

a) The Research and Development (R&D) Cell was established in 2014 as per the decisions taken by the Governing Body office college.

b) The R&D Cell comprises with following members

- (i) Chairman Principal of the College
- (ii) Members- Senior Faculty member, nominated by the Principal as Director R&D
- (iii) Members- Senior Faculty members, nominated by the principal
- (iv) Nominee from the National Institutes
- (v) Nominee from the University
- (vi) Nominee from industry

2. The main objectives of this Cell are

a) To encourage the Faculty

i. Pursue research, higher degrees like MBA & MCA /Ph.D

ii. Publish research data in reputed / refereed journals with an impact factor, articles in magazines and newspapers.

iii. Participate in National & International symposia, seminars, workshops, and conferences.

b) To advise on infrastructure facilities required for in-house research activity.

c) To identify various opportunities for Consultancy

d) To promote collaborations and MoU's with Universities and Research institutes.

e) To promote submission of research proposals for extramural funding from Government and nongovernmental funding agencies.

Terms of Office .

Members of the R&D cell serve a term of up to five years. . An appointed member may be reappointed to serve for additional terms as per the approval of the Governing Body of the college.

Quorum

The quorum for meetings of the R&D cell shall be the nearest whole number above 50% of the membership of the R&D cell, for decisions.

Schedule of the meeting

The R&D cell will meet at least two times per year. The Chairman/Director will be responsible for determining the need for holding more meetings.

Reporting

The R&D cell will report to the Governing Body through the Chairman and also by way of its minutes.

Policy for Research, Innovation and Collaboration: Development principles

- Monitoring and enhancing the quality of research programmes, projects and research infrastructure within college.
- Training of research scholars/faculty by organizing seminars, workshops, hands-on training, and skill development all orientation programmes.
- Promoting emerging areas of research and development.
- Fostering the development of multi-disciplinary research endeavours across faculties and departments
- Disbursement of College research funds to established researchers, both individually and in groups, including institutional research overhead funds
- Encouraging promotion of research in the college by providing seed money, incentives to attend workshops /conferences/seminars, on duty permission to carry out research and by felicitating researchers for their achievements.
- Seed grant for researchers for their research initiatives across the departments
- Monitoring the research funds to ensure that the funds are properly and formally accounted.

Conducting scientific auditing i.e. in term of usage of research facilities and number of publications made by utilizing these facilities.

- Monitoring laboratory waste management for biological waste disposal • Monitoring the implementation of the Code of Ethics in research by students and faculty members of the college.

APPROVAL OF RESEARCH PROPOSALS

- Prior approval by competent governmental agencies and R&D cell is mandatory for Undertaking research work involving human subjects, experimental animals, pathogenic organism, recombinant living systems and hazardous chemicals.
- Researchers are advised to ask for institutional overheads which could be utilized for maintenance of equipment. while seeking extramural funding/ sponsored research.
- Faculty / students should declare that their research has complied with the Code of
- Research Ethics of the College in their publications, reopens, mini-dissertations, dissertations and thesis.