

Research promotion policy

Research involves a systematic investigation aimed at describing, explaining, predicting, and controlling observed phenomena. It also seeks to innovate new materials, effective drugs, methods, technologies, and processes to advance knowledge and benefit humanity and their environment.

Undergraduates, postgraduates, students of other courses, PhD scholars, staff, and faculty at Institute of Dental Sciences are encouraged to engage in research activities. All departments are well equipped with modern and advanced technologies to facilitate research initiatives. The research and thrust areas for undergraduates and postgraduates are determined and overseen by the respective Director/Dean/Principal of the college. For PhD scholars, staff, and faculty, the selected research areas will be monitored by the Research Committee of the Institute of Dental Sciences. Qualified staff and faculty members will assist the undergraduates and postgraduate students to support their research work and will be encouraged to produce high-quality research.

By providing academicians and students with knowledge through conferences, workshops, seminars, and training, IDS will promote its research protocol. The goal is to offer a research atmosphere, resources and direction through mentors and conduction of multidisciplinary, basic and clinical research with the goal of applying the findings for patient care.

1. Purpose: The Research Policy aims to foster an inductive and conducive research environment for IDS faculty and researchers. The policy will act as a broad framework that permits research activities to be conducted.
2. Governing bodies for Review of Research and Composition:

2.1 Institutional research committee (IRC): The procedures' scientific content and viability for teachers, postgraduates, and undergraduate students are examined by the committee.

2.2 Institutional Ethics Committee: (IEC) • This committee's main objective will be to guarantee the safety, well-being, and protection of the rights of study participants and to the whole population.

2.3 Board of Studies (BOS): The board comprises of the Dean and Head of the Departments. The titles and synopsis of postgraduate dissertations and other research projects are checked, examined, and approved by them.

3 Objectives:

- To establish an atmosphere for research at the institute to promote a scientific culture and offer the necessary assistance through research guidelines and frameworks.
- To guarantee a high degree of effectiveness and efficiency in the support system to help researchers and instructors with their research.
- Ensure publications in high quality journals, indexed in pubmed, Scopus/Web of Science and/ or with high impact factor.
- To foster an atmosphere for conducting research that has potential for commercialization and is beneficial to society.
- To organize workshops, conferences and CDE's on research methodology, intellectual property rights (IPR), Good Clinical Practices, research grant writing and research article writings etc.
- To increase research financial support from both internal and external sources to improve research capabilities.

- Align the institute's research focus with the national thrust areas by integrating the research efforts of undergraduate, postgraduate, and doctorate students.
- To promote and enable research collaborations with other universities and research organizations of various institutes.
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4 Resources and facilities for research purposes

- The college is equipped with the basic infrastructure required to conduct research.
- Clinical and preclinical labs are available in every department to support faculty and student research.
- High-end equipments are available for both in vitro and in vivo research. These are kept up to date, and continuously improved to facilitate and support research.
- There are active MOUs with different institutions for the use of innovative equipment in research.

The Institute works to establish a setting for doing research in particular fields, improve infrastructure in specialized fields, and develop into centers of excellence. Cellular and molecular biology, regenerative medicine, natural remedies, nanotechnology, sustainable rural health, translational and clinical research, and more are some of the fields covered.

5. Books and Journals: IDS library has an exhaustive collection of books and journals. It also has online access to national, international journals and several databases. Each department is also equipped with the specialty books and journals, which are updated on regular basis.

6. Utilizing and sharing of Research Outcomes:

- Publication : Faculty and students are required to publish their research findings in peer-reviewed journals that are listed in the UGC care list, Scopus, Web of Science, and PubMed.
- Faculty and students are urged to present the findings of their study as papers or posters at different scientific conferences in related fields.
- Research findings are presented at symposia, conferences, and other similar forums in order to exchange research findings, get feedback and recommendations from colleagues in various fields, and establish partnerships with distinguished academics outside the Institute.
- publishing books, monographs, or book chapters to gather developments in a particular field of study and distribute them to selected audiences.

7. Monitoring and tracking: Monitoring of the research projects is done by the IRC and IEC. A timely progress report of the ongoing research projects is submitted to the research committee. All the randomized clinical trials are registered under Clinical trials registry (CTRI) of India and the document is submitted to the research committee. After the research is finished, all project-related documentation is kept in the appropriate departments for five years, and yearly audits are conducted.