

Research and Development Policy

- Identifying the thrust areas of research in all the disciplines of Pharmacy
- Contribute to the patents, publications and/or presentation of results.
- Plan and organise day-to-day site research activities and resolves procedural and logistical problems as appropriate to the timely completion of research objectives.
- Maintain a broad knowledge of state-of-the-art research techniques, technology, equipment, and/or systems.
- Develop methods of analysis, lay down specifications and work out quality assurance norms in relation to all the above activities.
- Review daily and periodic laboratory reports for information, compliance & corrective actions.
- Design and synthesize chemical compounds to meet the Research Centre's requirements, by utilizing a various advanced synthetic organic technologies
- Identify, collect, process, analyse and catalogue chemical data, specimens, and/or samples according to established protocol, procedures & standards, as appropriate to the specific objectives of the research study.
- Analytical method development for new drugs as well the combination of the drugs in their dosage forms and validation
- Stability indicating methods
- Bioanalytical methods
- Screening of new molecules and herbal products for pharmacological activities
- Formulation and bioavailability studies



Research Rules & Regulations

All research is required to be conducted in accordance with the rules and regulations of the Institute in compliance with all the obligations of the Institute, meeting any other ethical and contractual obligations.

- All research involving genetically modified organisms (GMO)/ living modified organisms (LMO) and recombinant DNA (rDNA) materials shall be conducted in compliance with “Rules for the manufacture, use/import/export and storage of hazardous microorganisms/ genetically engineered organisms or cells, 1989” (herein referred to as Rules, 1989) notified by the Ministry of Environment and Forests (MoEF) Government of India under the Environment (Protection) Act, 1986, Recombinant DNA (rDNA) Safety Guidelines, 1990 and other guidelines issued by DBT from time to time. Such research will be undertaken with the approval and oversight of the statutory Institutional Biosafety Committee (IBSC) set up at the University level to ensure compliance with the Rules, 1989, Recombinant DNA (rDNA) Safety Guidelines, 1990 and other guidelines issued by Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India (See Guidelines and Handbook for G-53 10 Institutional Biosafety Committees, 2nd revised edition, 2011).
- All research involving use of animals for research shall be conducted as per the guidelines issued by Committee for the Purpose of Control and Supervision on Experiments on Animals (CPCSEA) under the supervision of Institutional Biosafety Committee (IBSC) constituted as per the laid down norms (See CPCSEA Guidelines For Laboratory Animal Facility).
- Research involving human subjects or any biological material from humans will be conducted as per the guidelines laid down by Indian Council of Medical Research (ICMR),

DGCI , Ministry of Health and any other ministry/ department of Government of India under the oversight, approval and supervision of Institutional Ethics Committee (IEC) for Human Research constituted as per the laid out norms (See Guidelines for preparing Standard Operating Procedures (SOP) for Institutional Ethics Committee for Human Research).

- Stem cell research will be conducted as per the guidelines laid down by Indian Council of Medical Research (ICMR), DGCI , Ministry of Health and any other ministry/ department of Government of India and Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India under the oversight and following approval of Institutional Committee for Stem Cell Research and Institutional Ethics Committee (IEC) for Human Research (See National Guidelines for Stem Cell Research).
- All research involving radioactive material will be conducted in accordance with the provisions of the Atomic Energy Act, 1962, Atomic Energy (Radiation Protection) Rules, 2004 and Atomic Energy (Safe Disposal of Radioactive Waste) Rules, 1987 and various standards issued there under by Atomic Energy Regulatory Board, (AERB) Government of India after registration from AERB.