

Ethical Guidelines in Research followed in the University of Delhi

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Tue, Aug 17, 2021 at 1:59 PM

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Dear Colleagues

This is in continuation to my email dt June 22, 2019

I wish to share with you **Ethical Guidelines in Research followed in the University of Delhi** available on <http://du.ac.in/index.php?page=academic-integrity-and-ethical-guidelines>

All faculty members should follow the same wherever necessary in their research and suitably advice and seek permission from the competent authority.

with regards

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----- Forwarded message -----

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From: **IQAC Deen Dayal Upadhyaya College, Univ of Delhi** <iqacdducollege@gmail.com>
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Dear Colleagues

I wish to share with you [Ethical Guidelines in Research followed in the University of Delhi](http://www.du.ac.in/du/index.php?page=academic-integrity-and-ethical-guidelines) available on <http://www.du.ac.in/du/index.php?page=academic-integrity-and-ethical-guidelines>

Scientific research involves the cooperation and coordination of different people to achieve goals that have impact on society and are essential for overall development in all areas. Research requires experimentation, data analysis, writing research papers and grant proposals and educating future scientists. Thus, it is essential that research is carried out in ways that are ethically correct. Guidelines for research ethics are laid in such a way that concerns of research institutions and individuals are simultaneously addressed. Also, it is important to adhere to these ethical guidelines in order to preserve the dignity, rights and welfare of researchers and research participants. Based on area of research and subjects involved, guidelines for carrying research has been defined by various agencies. These guidelines can be found on WEBSITE of various government agencies. All the researchers at University of Delhi are expected to follow the Ethics of research as described in the guidelines.

Research Council ensures that the ethics guidelines mandated by the funding agencies are followed. Some of the guidelines are given below:

- **Biomedical Research on Human Participants:** The Nuremberg Code formulated in 1947, was the first international statement on ethics of medical research using human subjects. Over the years, various international and national advisory bodies have revised and laid down principles for scientific research involving human beings. Clinical research is required for better understanding of science and developing drugs, vaccines, diagnostics, instruments and materials which can enhance quality of human health. However, it is important to give credit to individuals who volunteer to participate in biomedical research. To protect the interest of participants in biomedical research, ethical guidelines are established. In India, the Indian

Council of Medical Research (ICMR), Govt. of India, sets ethical guidelines for biomedical research involving human participants. Research on human subjects follows the principles of essentiality of the research, voluntariness, informed consent, non-exploitation, confidentiality, accountability and transparency. The guidelines can be found at: cmr.nic.in/ethical_guidelines.pdf

- **Working with Laboratory Animals:** In India, the Committee for the Purpose of Control and Supervision on Experiments on Animals (CPCSEA), has laid down guidelines to assure quality maintenance and humane care of laboratory animals while conducting scientific experiments. These guidelines also set rules for proper procurement, quarantine and rearing of laboratory animals. Every department of University of Delhi which has animal house and involve animals in research should have committee which examine and approve all the proposals of research involving animals. The guidelines can be found at: cpcsea.nic.in/Content/55_1_GUIDELINES.aspx and www.cpcsea.com
- **Working with Chemicals:** The Bureau of Indian Standards, Govt. of India, recommends a code of safety for all chemical laboratories in India. It involves guidelines for recognizing potential chemical hazards and employing corrective actions in order to expeditiously minimize accidents. Every researcher at University of Delhi is expected to follow the guidelines especially with the hazardous chemicals. Details can be found at: images10.newegg.com/UploadFilesForNewegg/.../is.4209.19871453376681588.pdf
- **Radiation Safety:** These guidelines set by the Department of Atomic Energy, Govt. of India, apply to practices adopted and interventions applied while working with radiation sources in Indian laboratories. They ensure that the ionizing radiation and nuclear energy does not cause any risk to the health of researcher and the environment. Close monitoring by institutional radiation safety committee helps in ensuring compliance to these guidelines so that the exposure to all sources of ionizing radiation should be 'as low as reasonably achievable'. <https://www.aerb.gov.in/index.php/english/regulatory-facilities/radiation-facilities/application-in-medicine/nuclear-medicine1>
- **Recombinant DNA Technology and Bio-contaminants:** Recombinant DNA technology is the most popular method of introducing gene or related material in microorganism, plants and animals. Department of Biotechnology has given guidelines for research work in this area. The details can be found at: www.dbtindia.nic.in/.../Draft-Biosafety-Regulations-and-Biocontainment-Guidelines-2017

All faculty members should follow the same wherever necessary in their research and suitably advice and seek permission from the competent authority.

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