

GURUNANAK INSTITUTE OF TECHNOLOGY

Approved by A.I.C.T.E., New Delhi
Affiliated to MAKAUT, West Bengal



Supporting Document Policy on Code of Ethics for Research (w.e.f session 2016-2017)

Guru Nanak Institute of Technology
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Approved by BOG
Date 17/12/2016
Under Agenda No. 12

Ref. Number GNIT/PRIN/R&D/2016/31	Compiled & checked by: Dean R & D Sig. <u>Sujas</u> Date <u>19.12.2016</u> Dean - R & D GURUNANAK INSTITUTE OF TECHNOLOGY Kolkata-700114	Approved by: Principal Sig. <u>Sujas</u> Date <u>19/12/16</u> Principal Guru Nanak Institute of Technology
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Code of Ethics in Research

This Code of Ethics is intended as a deterrent of malpractices and plagiarism in Research works carried out by the faculty members, scholars and students at Guru Nanak Institute of Technology, Kolkata. The principles of this Code of Ethics are with the noble purpose of guiding researchers to an ethical course of action enriched with the values and mission of Guru Nanak Institute of Technology (GNIT).

Preamble

The faculty members, scholars and students of GNIT are committed to the pursuit of truth, honesty and integrity, to uphold the vision-mission of our institution, to safeguard and promote public interest during our research activities.

Principles

The principles mentioned below bind the researchers of GNIT to the strictest measure of integrity and the highest ethical standards:

1. Principle of Integrity and honesty

- a) Research Integrity. Research integrity may be defined as active adherence to the ethical principles and professional standards essential for the responsible practice of research. By ethical principles we mean honesty and **high regard** for the scientific record.
- b) Conduct all research activity in accordance with the research standard of our institute.
- c) Ensure that only correct data, information and research results are reported in journal, conferences and any of the collaborative work.
- d) Citation of others research data in the present work.

In case more than 20 words but less than 100 words are taken together from any published work, citation of reference becomes essential.

When more than 100 words are taken together from any work, the content should be quoted under inverted commas.

In case the referred Citation is from any open internet site, 30% common content is considered as plagiarism and the work will not be considered for publication/ further proceeding.

Authors are mandated to cite reference in case of any content adopted from any source.

- e) Give proper acknowledgement or credit to funding agency or any other laboratory hired for research work. Even acknowledge any individual persons effort if not listed in authors list in the acknowledgement head.

2. Principle of Justice:

- a) Respect the confidentiality and proprietary rights of peers, colleagues and students whose materials were reviewed for possible publication or applied for a grant.



b) Credit of others' contribution, resources, and materials utilized in research:

Grant authorship in accordance with the significance of collaborators' contribution in the research.

c) Recognition of intellectual property rights (i.e., copyright, patents): Distribute fairly the legal ownership of the research and/or its products among the stakeholders.

Citation Policies

Authors should ensure that where material is taken from other sources (including their own published writing), the source is clearly cited and that where appropriate permission is obtained.

Authors should not engage in excessive self-citation of their own work.

Authors should not copy references from other publications if they have not read the cited work.

Authors should not preferentially cite their own or their friends', peers', or institution's publications.

Authors should not cite advertisements or advertorial material.

Anti-Plagiarism Policy

Plagiarism is not acceptable in research.

Reuse of text that is copied from another source must be between quotation marks and the original source must be cited. If a study's design or the manuscript's structure or language has been inspired by previous studies, these studies must be explicitly cited.

GNIT use the industry standard anti-plagiarism software Drillbit to check for text duplication.

3. The Principle of Safety and Beneficence

a) Responsible dissemination of scientific knowledge to the community of scientific knowledge pertaining to human practices, attitudes, events, and other phenomena that present unequivocal and significant risk or benefit to human welfare

b) Refrain from causing harm, stress or pain to any animal in any contribute any substantial benefit to human society that has not been discovered already.

c) Ensure that laboratory wastes are properly disposed or treated, and our research activities do not result in environmental degradation


Principal
Guru Nanak Institute of Technology

Tasks of the Ethics Committee

- To provide advice and guidance GNIT faculty members on all matters pertaining to academic research ethics
- To advise the Academic Council on compliance with the 'Code of Ethics in Academic Research' of the various academic activities at the GNIT

to provide guidance and academic support to teaching, research and other academic activities. On an entirely voluntary basis, researchers may ask the Ethics Committee for consultation on ethical aspects of their research.

- to confirm to external parties on behalf of the respect of research projects undertaken
- to advise the Academic Council of any policies that may be required in relation to accepting funds from particular sponsors of research
- to act as an investigative/consultative body for any disputed matter concerning research ethics and conduct.

Appointment and Composition of the Research Ethics Committee:

The Research Ethics Committee is appointed by the Academic Council upon nomination by the Principal.

The Committee shall be composed of

- Principal, Chairman
- Dean of Research, Convener
- All Dept. Heads
- Two Senior faculty members



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Revision in Code of Ethics for Research

Updated and approved by Academic Council on 05/12/2019 – Agenda no. – 09 sl no. 2 and BOG on 12/05/2020 – Agenda no. – 09

The Policy for Code of Ethics for Research has been amended in Academic Council on 05/12/2019 – Agenda no. – 09 sl no. 2 and BOG on 12/05/2020 – Agenda no. – 09

which is to be read as

Research & Publication Ethics
Research methodology course work
Ref: DO No. F-1/1/2018 (Journal/CARE) December 2019

As per the guidelines of UGC Ref: DO No. F-1/1/2018 (Journal/CARE) December 2019, about publication ethics and publication misconduct following course to be added as the Research methodology course in the M.Tech second year Curriculum provided in the Annexure.

The title of the course is “Research Methodology and IPR” in M.Tech first year Curriculum provided in the Annexure (w.e.f 2020-2021 academic year).

Ammended & Approved By Academic Council
Dated...05/12/2019...
Under Agenda Number...09...

ANNEXURE

Course Name: RESEARCH METHODOLOGY AND IPR

Course Code :MLC101

Contact hours: 2:0:0

Total Contact hours: 24

Credits: 2

Course Outcomes:

At the end of the course, students will be able to

CO1. Understand research problem formulation

CO2. Analyse research related information

CO3. Follow research ethics and understand the ultimate importance of ideas, concept and creativity

CO4. Importance of IPR for individuals and nations

CO5. Appreciate that IPR protection provides incentive to inventors for further research work

Syllabus Contents:

Module I (6L)

Meaning of research problem, Sources of research problem, Criteria and characteristics of a good research problem, Errors in selecting a research problem, Scope and objectives of research problem. Approaches of investigation of solutions for research problems, data collection, analysis, interpretation, necessary instrumentations.

Module II (6L)

Effective literature studies approaches and analysis Plagiarism, Research ethics

Module III (6L)

Effective technical writing, how to write report, Paper Developing a Research Proposal, Format of research proposal, a presentation and assessment by a review committee

Module IV (6L)

Nature of Intellectual Property: Patents, Design, Trade and Copyright, Process of Patenting and Development: technological research, innovation, patenting, and development. International Scenario:



International cooperation on Intellectual property. Procedure for grants of patents, Patenting under PCT.

CO-PO Mapping:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	2									2
CO2	3	3	3	2	2	1	-	-	-	-	-	2
CO3	2	3	3	3	2	2	3	2	1	-	2	3
CO4	3	3	3	3	3	2	-	-	2	2	-	3
CO5	2	3	3	3	3	1	-	3	-	-	2	3


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