



BANNARI AMMAN INSTITUTE OF TECHNOLOGY

An Autonomous Institution Affiliated to Anna University - Chennai • Approved by AICTE • Accredited by NAAC with 'A+' Grade

SATHYAMANGALAM - 638401 ERODE DISTRICT TAMILNADU INDIA

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Code of Ethics for Research Standards & Integrity

This Code of Ethics document sets forth the principles, standards, and operational guidelines governing all research activities conducted by personnel, affiliated researchers, and collaborator institutions. It ensures that all investigative work maintains the highest levels of honesty, rigor, accountability, and respect for human rights and welfare.

1. Core Ethical Principles

All researchers are required to adhere strictly to four foundational ethical imperatives throughout every phase of the research life cycle:

- **Integrity and Honesty:** Ensuring truthfulness in project proposals, methodology design, data collection, analytical procedures, and public reporting.
- **Objectivity:** Minimizing personal bias, political influence, or commercial conflicts of interest in experimental design, analysis, and peer review.
- **Carefulness and Rigor:** Eliminating negligent errors through methodical examination, systematic documentation, and robust recordkeeping.
- **Respect and Protection:** Safeguarding the rights, dignity, privacy, and autonomy of human participants, alongside the humane treatment of non-human subjects.

2. Scientific Integrity & Research Misconduct

Research misconduct severely compromises the scientific record and institutional trust. Misconduct includes, but is not limited to, the following prohibited practices:

Violation Type	Definition	Prohibited Actions
Fabrication	Making up data or research results and recording or reporting them.	Creating dummy datasets, falsifying experimental runs, or inventing survey respondents.
Falsification	Manipulating research materials, equipment, or processes, or omitting data.	Altering images/graphs, selective reporting of positive findings, removing outliers without justification.
Plagiarism	Appropriating another person's ideas, processes, results, or words without credit.	Uncredited copying of text, self-plagiarism, passing off collaborative work as sole author output.



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3. Protection of Human Participants

Research involving human subjects must prioritize participant well-being above scientific objectives.

3.1 Informed Consent

Participation must always be voluntary. Researchers must ensure prospective participants receive clear, comprehensible, and transparent information regarding the scope, risks, potential benefits, and intended use of data before securing written or explicit digital consent.

3.2 Confidentiality and Privacy

Participant identifiers must be anonymized or pseudonymized at the earliest possible stage. Sensitive data must be stored in encrypted repositories with restricted access control list (ACL) protections.

4. Authorship, Publication and Intellectual Property

Fair attribution and transparent dissemination are essential to maintain academic integrity.

- **Authorship Criteria:** Authorship must be granted only to individuals who have made substantial intellectual contributions to conceptualization, execution, analysis, or drafting of the study. Administrative oversight or funding acquisition alone does not qualify an individual for authorship.
- **Conflict of Interest Disclosure:** Authors must disclose all financial, institutional, personal, or professional relationships that could influence or appear to influence their research outcomes.
- **Data Retention and Sharing:** Raw data, documentation, and computational scripts must be retained for a minimum of 7 years post-publication to allow validation and replication by the global research community.

5. Governance and Misconduct Resolution

Allegations of ethical breaches or research misconduct will trigger a formal, confidential investigation overseen by an independent Ethics Review Board (ERB). Remedial actions for verified violations include publication retracts, disciplinary action, and potential termination of institutional affiliations.

Signature of Principal

Dr. C Palanisamy
PRINCIPAL

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