

Ece department Code of Ethics

Team name: **ECDME 305: Robotic Arm for NES Power Glove**

As students in the Electrical and Computer Engineering(ECE) department, we recognize our responsibility to uphold our ethics in research, academics, and professional development. Engineering is a profession that is rooted in integrity and responsibility. We pledge to adhere to the highest standards to prepare ourselves for Ethical decision-making in this profession.

Ethical issues that ECE students commonly face

Academic integrity - cheating, plagiarism, unauthorized assistance on collaboration on exams and assignments.

Data Integrity - manipulating experimental data and project results.

Fair contribution in Groupwork – Unequal distribution of workload in team projects, leading to some members doing more than others and some doing less work.

Professional Communication – Respectful and timely interaction with professors, advisors, and peers.

Respect for Intellectual Property – Unauthorized use of copyrighted materials, code, or research without proper citation.

Lab and Equipment Ethics – Misuse, damage, or neglect of shared lab equipment and university resources.

Core Ethical Principles:

1. Integrity and Honesty:

We commit to truthfulness in our academic work, ensuring that all assignments, projects, and exams are completed with honesty. We will not engage in the fabrication of data or provide unauthorized assistance of any sort.

2. Respect for Others in Digital and Physical Environments:

We will treat our peers, our faculties, and our staff with respect both in person and in our online interactions. Cyberbullying, harassment, or any other form of discrimination in an academic environment or online spaces is not acceptable.

3. Responsibility in Academic and professional work:

We will take responsibility for our actions and uphold the credibility of engineering education by submitting original work, acknowledging contributions, and properly citing sources.

4. Commitment to safety and public welfare:

We will ensure that make sure that our academic and research work prioritizes the well-being and safety of society. Engineering decisions must consider environmental and social impacts and we must avoid actions that could cause harm.

5. Ethical Use of Technology and Research:

We will use engineering tools and software, and research data responsibly, ensuring that our work aligns with ethical engineering standards unauthorised access and hacking are violations of this principle.

6. Professionalism and Lifelong Learning:

We will behave professionally in all academic settings and commit to continuous learning to improve our skills, knowledge, and ethical awareness in the engineering field.

7. Responsible collaboration and communication:

We will work ethically on group projects and ensure fair contributions and credit for all members. We will communicate honestly and clearly, avoiding misinformation or misrepresentation.

8. Respect for intellectual property and confidentiality:

We will honor intellectual property rights by crediting sources, obtaining permission to use proprietary materials, and protecting confidential data.

9. Ethical Leadership and accountability:

As future engineers, we will take the initiative in upholding ethical standards, reporting misconduct, and fostering a culture of integrity within our academic and professional communities.

10. Service to Society and Commitment to Ethical Engineering:

We know that engineering is a profession that is one of the backbone of the advancement of society. we will use our knowledge to keep that in mind and work for the improvement of society, considering sustainability, inclusiveness, and Ethical decision-making.