



SNS COLLEGE OF TECHNOLOGY



Coimbatore-35
An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with ‘A+’ Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF MECHANICAL ENGINEERING 19GET201 – PROFESSIONAL ETHICS & HUMAN VALUES IV YEAR VII SEM UNIT 2 – ENGINEERING AS SOCIAL EXPERIMENTATION

TOPIC – Codes of Ethics





WHAT IS CODES OF ETHICS?

Let's start with the first question



Review

X Senses of Engineering ethics

X Variety of moral issues & Types of inquiry

X Moral dilemmas & Moral autonomy

X Kolberg's theory & Gilligan's theory

X Consensus & Controversy and Professions & Professionalism

X professional ideals and virtues & theories about right action

X self-interest – customs and religion – use of ethical theories

X Social experimentation and experimenters

What is Codes of Ethics?



X The engineers who are represented as professionals, and who belong to a professional society need to have some moral responsibilities

X A code of conduct is important for engineers to remain committed to their world

X The engineering societies such as AAES, ABET, NSPE, IEEE and AICTE have framed these codes of ethics which are helpful to engineers to strengthen the moral issues on their work.

Codes of Ethics play at least eight important roles

X Serving and protecting the public

X Guidance

X Inspiration

X Shared Standards

X Support for Responsible

Professionals

X Education and Mutual understanding

X Deterrence and Discipline

X Contributing to the Profession's Image

Codes of Ethics – Important Roles



X Serving and protecting the public – Engineers are in a responsible position where trust and trustworthiness, both are essential.

X Guidance – Codes are written in brief yet prove effective in offering general guidance to the engineers. More specific directions may be given in supplementary statements or guidelines, which tell how to apply the code.



Codes of Ethics – Important Roles



X Inspiration – Codes of ethics, which specify a collective commitment towards a profession, help in motivating the engineers towards ethical conduct. these codes make one feel really responsible and proud to be a professional.

X Shared Standards – The standards established should be applicable to all individuals, in their particular professions. With the codes of ethics, the public is assured of engineers with minimum standard of excellence and the professionals are provided a fair way to compete.

STANDARDS



Codes of Ethics – Important Roles



X Support for Responsible Professionals – The professionals who act ethically have more positive support through these codes

X Education and Mutual understanding – widely circulated and officially approved by professional societies, promote a shared understanding among professionals, the public and government organizations about the moral responsibilities of engineers.



Codes of Ethics – Important Roles



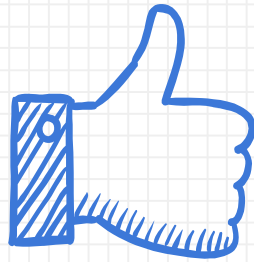
X Deterrence and Discipline – The professionals who fail to follow the codes exhibit unethical conduct, which is evident from the disobedience towards their profession.

X Contributing to the Profession's Image – Codes project the engineers as the professionals of ethically committed profession, which inspires them to work with great commitment and more effectively to serve the public.



Advantages of Codes of Ethics

- X Set out the ideals and responsibilities of the profession.
- X Exert a de facto regulatory effect protecting both clients and professionals.
- X Improve the profile of the profession.
- X Motivate and inspire practitioners, by attempting to define their raison d'être.
- X Provide guidance on acceptable conduct.
- X Raise awareness and consciousness of issues.
- X Improve quality and consistency.



THANKS!

Any questions?