



SNS COLLEGE OF ENGINEERING

(Autonomous)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



COURSE NAME:19GE701 / PROFESSIONAL ETHICS AND HUMAN VALUES

IV YEAR/VII SEMESTER

UNIT:1- ENGINEERING ETHICS

TOPIC: VARIETY OF MORAL ISSUES



Moral Issues

Considered as an issue to be resolved not only by considering the technical stuff but also by keeping moral values in mind.

“Moral issue is a working definition of an issue of moral concern is presented as any issue with the potential to help or harm anyone, including oneself.”

It would be relevant to know why and how do moral issues (problems) arise in a profession or why do people behave unethically?



Reasons for Moral Issues

The reasons for people including the employer and employees, behaving unethically may be classified into three categories:

1. Resource Crunch
2. Opportunity
3. Attitude

Varieties:

- Organization oriented issues
- Clients or customers oriented issues
- Competitors oriented issues
- Law, government and public agencies oriented issues
- Professional societies oriented issues
- Social and environmental oriented issues
- Family oriented issues



Types of Moral Issues

Two types of Moral issues that we mostly come across while keeping the ethical aspects in mind to respond.

Micro-ethics

This approach stresses more on the problems that occur on a daily basis in the field of engineering and its practice by engineers.

Macro-ethics

This approach deals with social problems which are unknown.

These problems may unexpectedly face the heat at both regional and national levels



Examples

Example 1:

What should an Engineer who observes his colleague copying confidential information unauthorized, do immediately? If he chooses to stop his friend, what if this gets repeated without his notice? If he chooses to report the management, what if his friend loses the job? Which is morally correct?

Example 2:

After a recent collapse of a structure in which many people died, an Engineer came to know about a bridge which is marginally safe. He informed his superior who asked him to stay calm and not to discuss with anyone, while waiting for the next year budget sessions to get some financial help for the repair required. What should the engineer do?



*Thank
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