What We'll Discuss

TOPIC OUTLINE

Role of Codes and its Functions

IEEE Code of Ethics

Role of Code of Ethics

The following engineering societies have published codes of ethics:

1. AAES - American Association of Engineering Societies

2. ABET - Accreditation Board for Engineering and Technology (USA)

3. NSPE - National Society of Professional Engineer (USA)

4. IEEE - Institute of Electrical and Electronics Engineering (USA)

5. AICTE - All India Council for Technical Education (India)

Role of Code of Ethics

1. Inspiration and Guidance

2. Support

3. Deterrence and Discipline

4. Education and Mutual Understanding

5. Contributing to the profession's public image

6. Protecting the Status Quo

7. Promoting Business Interests

INSPIRATION AND GUIDANCE

- Codes give a convinced motivation for ethical conduct and provide a helpful guidance for achieving the obligations of engineers in their work.

- Codes contribute mostly general guidance as they have to be brief.

- Specific directions may also be given to apply the code in morally good ways.

- Most of the technological companies have established their own codes such as pentagon (USA), Microsoft etc. These codes are very much helpful to strengthen the moral issues on the work of an engineer.

SUPPORT

- Codes always support an engineer who follows the ethical principles.

- Codes give engineers a positive, a possible good support for standing on moral issues.

- Codes also serve as a legal support for engineers.

Deterrence and discipline

- Codes can be used as a basis for conducting investigations on unethical conduct.

- They also provide a deterrent for engineers to act immorally.

- Engineers who are punished by professional societies for proven unethical behavior by revoking the rights to practice as engineers are also subjected to public ridicule and loss of respect from colleagues and local community.

- This helps to produce ethical conduct even though this can be viewed as a negative way of motivation.

Education and mutual understanding

- Codes have to be circulated and approved officially by the professionals, the public and government organizations which concern with the moral responsibilities of engineers and organizations.

Contributing to the profession's Public Image

- Codes help to create a good image to the public of an ethically committed profession.

- It helps the engineers in an effective manner to serve the public.

- They also gives self-regulation for the profession itself.

Protecting the Status Quo

- **Codes establish ethical conventions(Principles), which can help promote an agreed upon minimum level of ethical conduct.**

Promoting Business Interests

- **Codes help to improve the business interests.**

- **They help to moralize the business dealings to benefit those within the profession.**

THANK YOU

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