

CSE332

Industrial Ethics and Legal Issues

Ethical Behavior of IT Professional



ETHICS IN INFORMATION TECHNOLOGY



Here are some examples that raise public concern about the ethical use of information technology:

- Ethical concerns in technology's workplace use.
- Copyright violation harms music and films.
- Spam emails enable low-cost marketing.
- Hacking, plagiarism, and tracking persist.

Profession



L OVELY
P ROFESSIONAL
U NIVERSITY

A profession is a calling that requires specialized knowledge and often long and intensive academic preparation.

Professional ?

Professional Employee



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- One who is engaged in the performance of work .
- Specialized intellectual instruction.
- Exercise of discretion and judgement.



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Professionals such as **doctors, lawyers, and accountants** require advanced training and experience; they must exercise **Carefulness** and judgment in the course of their work.



Are IT Workers Professionals?



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GRADE **A++**

- Specialized Knowledge
- Ethical Behaviour
- Accountability
- Commitment to Continuous Learning



Common Ethical Issues For IT Users



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- Privacy Concern
- Cybersecurity Risks
- Misuse of IT Resource
- Surveillance and Monitoring



Business Software Alliance (BSA)

- The Business Software Alliance (BSA) is a trade group that represents the world's largest software and hardware manufacturers.
- Its mission is to stop the unauthorized copying of software produced by its members.





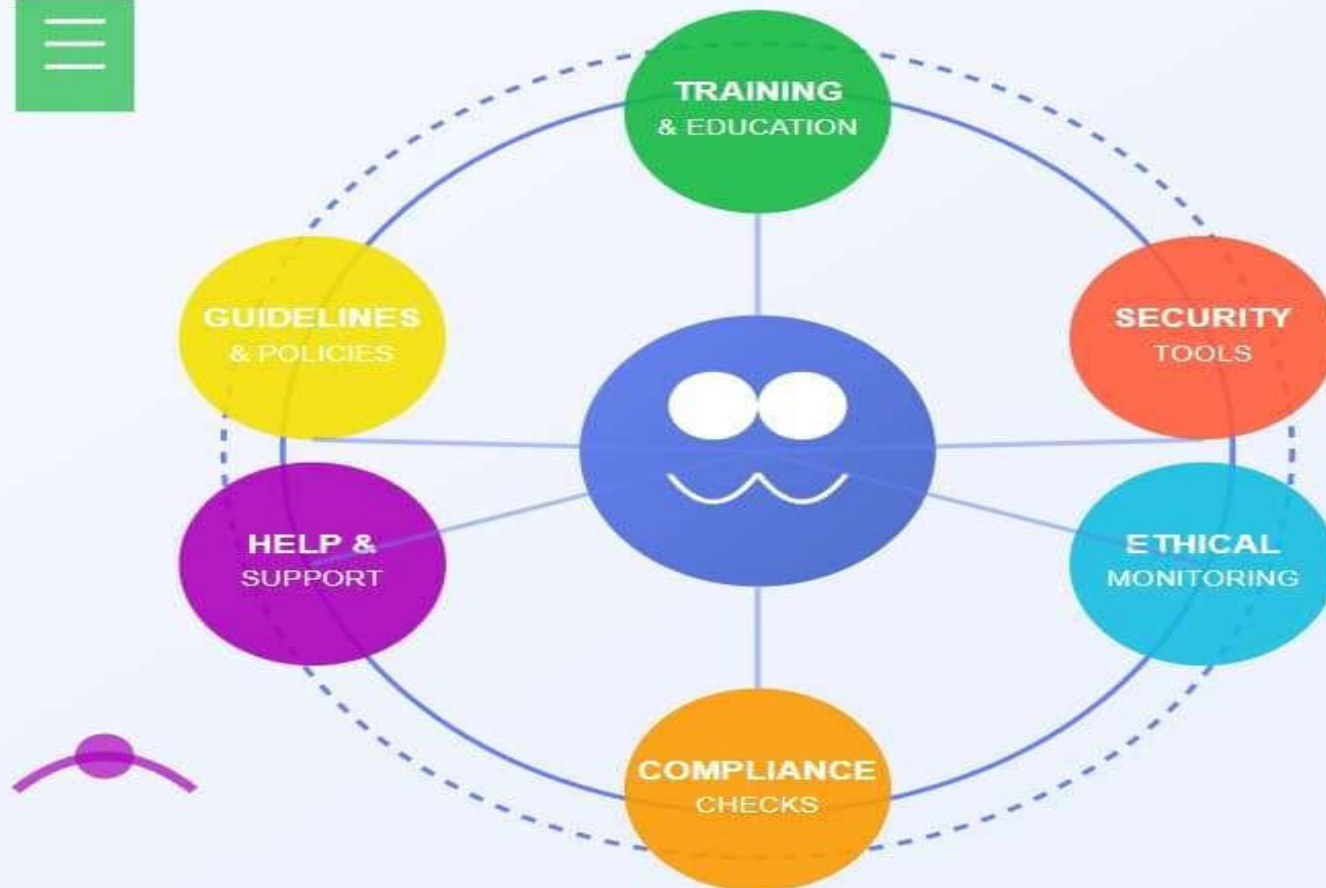
- More than 100 BSA lawyers and investigators prosecute thousands of **cases of software piracy** each year.
- BSA investigations are usually triggered by calls to the BSA hotline, reports sent to the BSA Web site (www.nopiracy.org), and referrals from member companies.

Supporting the Ethical Practices Of IT Users

- Education And Awareness
- Clear Policies and Standards
- Access Control and Security
- Ethical Use Of AI And Automation
- Collaboration and community Involvement



SUPPORTING ETHICAL IT PRACTICES



Empowering Users with Ethical Computing

Awareness • Protection • Guidance • Support • Compliance

Women Empowerment



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1. Promoting gender equality in STEM fields.
2. Initiatives for women leadership in engineering.
3. Programs encouraging girls in technology.
4. Examples of empowered women in engineering.

WOMEN'S EMPOWERMENT



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WOMEN'S EMPOWERMENT PRINCIPLES

**EQUALITY
MEANS
BUSINESS**

- 1** Establish high-level corporate leadership for gender equality.
- 2** Treat all women and men fairly at work – respect and support human rights and nondiscrimination.
- 3** Ensure the health, safety and well-being of all women and men workers.
- 4** Promote education, training and professional development for women.
- 5** Implement enterprise development, supply chain and marketing practices that empower women.
- 6** Promote equality through community initiatives and advocacy.
- 7** Measure and publicly report on progress to achieve gender equality.



United Nations Global Compact

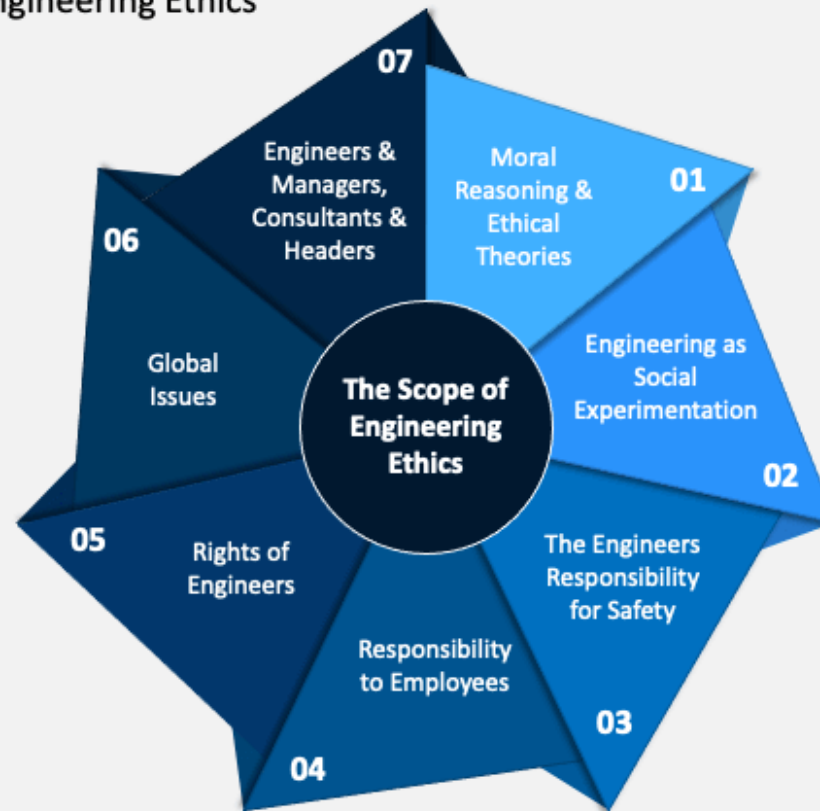
United Nations Development Fund for Women
UNIFEM

Ethical Aspects of Engineering Practices

1. Integrity and accountability in engineering.
2. Environmental sustainability in engineering projects.
3. Ensuring safety and reliability.
4. Recent ethical challenges in AI and automation.

ENGINEERING ETHICS

The Scope of Engineering Ethics



Recent Trends in Women Empowerment and Ethics

1. Rise of women-led startups in technology.
2. Increased focus on diversity in hiring policies.
3. Ethical AI design and its societal impact.
4. Inclusion of ethics in engineering curriculum.