

The background is a dark blue-grey gradient. On the left, there's a large, semi-transparent circular inset showing a detailed view of a computer circuit board. Overlaid on the top-left of this circle are two overlapping triangles: a blue one in front of a light green one. In the top-right corner, there's a grey, 3D-rendered pattern of interlocking cubes or a circuit trace. In the bottom-right corner, there's a faint, grey, 3D-rendered pattern of a circuit board or a similar geometric structure.

# Computer Ethics

Prakaash S M



# Overview

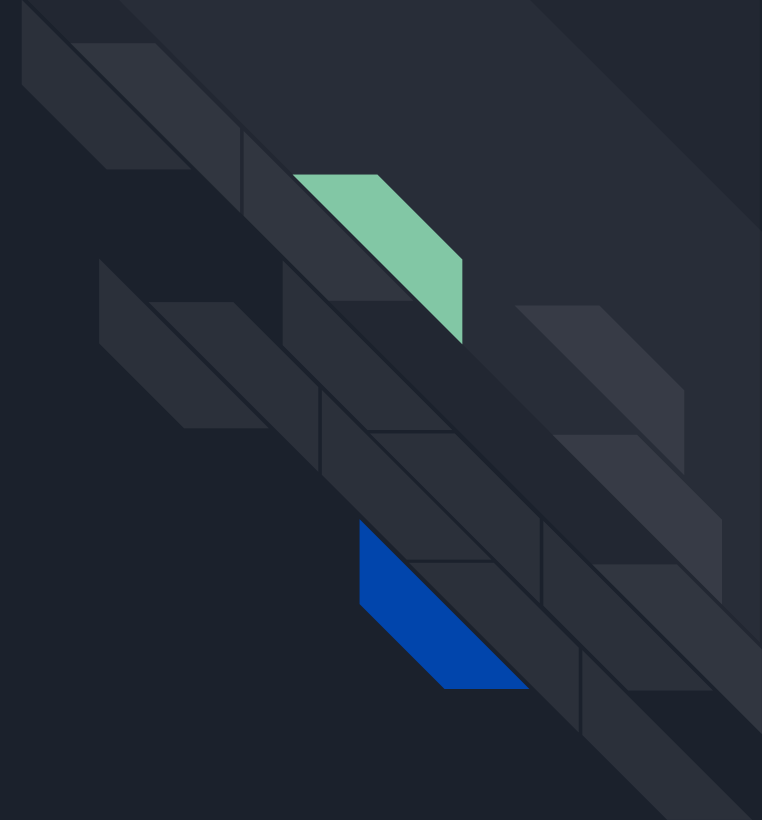
It is defined as :

- ★ A study of nature and social impact of computer technology
- ★ The formulation and justification of policies, for ethical use of computers.
- ★ The use of computers have raised a host of moral concerns such as free speech, privacy, intellectual property right and physical as well as mental harm.



# Few Moral Issues In Computer Ethics

1. Job Elimination
2. Customer Relations
3. Biased Software (Unfair)





# Property

- ★ The most troublesome issues about property and computers fall under two general headings.
- ★ The first is the use of computers in misuse and other forms of stealing money or financial assets.





# Data and Software

- ★ Data refers to information stored in a computer whether the information expresses facts or falsehoods.
- ★ Software refers to programs that direct an electronic machine to perform certain tasks, typically tasks involving problem solving.
- ★ Programs have several aspects :
  - An algorithm
  - A source code
  - An object code
- ★ Computer hardware is protected by patent laws. Software can be protected by trade secrets and copyrights.



# Common Cases Of Computer Abuse

- 01 Stealing or cheating by employees at work.
- 02 Stealing by non-employees or former employees.
- 03 Stealing from or cheating clients and consumers.
- 04 Violating contracts for computer sales or service
- 05 Conspiring to use computer networks to engage in widespread fraud



# Privacy

- ★ By making more data available to more people with more ease, computers make privacy more difficult to protect.

- ★ Privacy issues

- Inappropriate access
- Data Bank Errors
- Hackers
- Legal responses



# Professional Issues

- ★ Computer Failures
- ★ Computer Implementation
- ★ Health conditions