**Course: Advanced Bioinformatics**

**Module title: Ethic Terminology**

**Module no. : 216**

**Ethics**

Branch of philosophy that involves systematizing, defending, and recommending concepts of right & wrong conduct

What is the best way for people to live?”

**Concepts**

What actions are right or wrong in particular circumstances?

**Concepts:**

* Good and evil
* Right and wrong
* Virtue and vice
* Justice and crime

**Components**

* RESPECT for people’s rights
  + Autonomy
  + Dignity
* BENEFICENCE:

Benefits must be proportionate to risks

* + Potential harm = potential good
* Justice: The even distribution of benefits and risks throughout society
* Morality: Rules of conduct based on culturally determined ideals of right and wrong
* Ethics: Process of reasoned discourse among decision makers
* Non-maleficence:

Do no harm.

Experiments must stop if they cause harm.

**Major Areas**

Meta-ethics

Normative ethics

Applied ethics