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Department of:- Artificial Intelligence & Data Science CLASS S.E

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## CERTIFICATE

This is to certify that Mr./Miss Devrat Yashraj Deepak,  
Class S.E(AIDS) Roll No. 2127011 has satisfactorily completed the term work of the subject,  
Code of Conduct for fourth Semester of 2021-2022.

Date : / /

Staff Member  
In-charge

H.O.D.

PRINCIPAL

## Assignment No. 1

### "Ethical practice of a Engineer"

- The ethics are the principles accepted by the society, which also equate to the moral standards of human being. An engineer is with ethics, can help the society in a better way.
- So the ethics that are generated by the engineers are very necessary for the society for getting developed in sake of all parameters.

### "Ethics in Engineering"

- The study related questions, about the moral ideals, characters, policies & relationship of the people and organizations involved in the technological activity, can be termed as the engineering Ethics.
- Not only an engineering, but every one has to follow a set of morals. Our behaviour should include the following:



## Ethics in Engineering :-

Engineers and  
Managers

↑

Moral

reasoning &  
ethical

Theories

Scope of  
"Engineering  
Ethics"

Right of  
Engineers

Responsibility of  
Employer

Global  
Issues

Engineering as social  
experimentation

Engineer  
Responsibility  
for Safety

- ① Respecting others & ourselves.
- ② Respecting the right of others.
- ③ Keeping promises.
- ④ A voiding unnecessary problems to others.
- ⑤ Avoiding cheating & dishonesty.
- ⑥ Showing gratitude towards others & encourage them to work.

## Important Skills for ethical Reasoning.

### - Moral Reasonableness:

The ability and willingness to be morally reasonable that one should while dealing such issues one is willing.

### - Respect for persons:

The persons involved in the issues should be treated with genuine concern by one.

### - Moral Hope:

The moral conflicts can be resolved by using better communication and having rational dialogue which is evident based on ended which is acceptable and appreciable by both the parties.

### - Integrity:

The moral integrity has to be maintained being honest and having a strong moral principles helps one to resolve an issue in an efficient manner. An individual also needs to consider

other's professional like and personal convictions while solving a problem

### Steps To Deal with Issues :

Whenever there occurs an issue one should pass a few skills in order to sort out the problems the issues. They are as follows:

- ① Moral Intuition.
- ② Moral Awareness.
- ③ Moral Imagination
- ④ Moral Communication.
- ⑤ Moral Agent Moral Reasoning (CAMR)

Conclusion :

Thus, we have understood and also integrated ethical practices of an engineer.

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## Assignment No. 2

"Discipline to be followed by Budding engineer in their career".

-There are several branches of engineering each with distinct technical skills set. In contrast, the soft skills may vary from less one to another.

Important traits for budding Engineers

5 Traits for budding Engineers are

- ① Display a professional attribute whether on phone or in persons
- ② Show up on time, should integrity and discipline in a person
- ③ Be courteous to your customers you will meet all kinds of people.
- ④ Seek reviews and complaints take regular feedbacks and try to improve your skill set.



⑤ Be technically assertive keep yourself updated on new and emerging technical trends.

- Continuous Learning :

Technology & methodologies are consistently changing. Staying upto date with the latest development puts you ahead of the field.

- Creativity :

It may sound cliché, but successful engineers have an innate ability to "think outside of the box".

- Problem Solving :

Any project no matter how big or small will face problems an engineer must be able to effectively address these as they arise.

- Analytical Ability :

Engineers are required to think analytically in order to fully define a problem and develop solutions.

### - Communication Skills:

Means the ability to not only understand technical complexity but, the ability to succinctly and effectively translate technical jargon into layman's terms.

### • Hard Skills to enhance:

- ① Statistics
- ② Computer Science
- ③ Programming language
- ④ System Design
- ⑤ Analysis
- ⑥ Conceptual, logical or physical data modeling;
- ⑦ process management.
- ⑧ Advanced physics
- ⑨ Communication
- ⑩ Nanotechnology
- ⑪ Structural analysis.

### • Soft Skills:

- ① Active listening
- ② Emotional Intelligence

- ③ Presentational Skills
- ④ Motivation
- ⑤ Negotiation
- ⑥ Stress tolerance
- ⑦ Ability to classify and paraphrase

Disciplinary practices.

- Team player:

Team work drives the successful completion of a project. No one can complete a project on their own. They need others to contribute.

- Logical thinking :

An engineer must know how the system works, what can go wrong and how to fix it. This requires an ability to think logically and evaluate.

- Attention to detail:

Successful engineers pay meticulous attention to the smallest details.



- Mathematical Ability :

You must have / should develop a mathematical reasoning.

- Leadership :

This is also need well developed "soft skills" so they can smoothly perform non-technical duties.

Conclusion:

Hence, we acknowledged and understood the disciplines to be followed by budding engineers in their career.

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## Assignment No. (7)

"Professionalism and ethics to be followed in workplace [Software Industry]

### - Professionalism:

Professionalism are direct, polite and don't follow or allow their emotions to overtake them in the workspace instead by reacting to the circumstance. Steps to think about his/her actions before he/she reacts.

### - Ethics:

The ethics represent the core value of hold are that a company sets in the "Code of ethics" while ethics might have different meanings at different companies generally. ethic refers as how you behave.

### - Integrity:

A professional businessman / businesswoman keep his/her integrity intact she/he commits to a project. He/She full responsibility for it and does it and see it through it to completion. He/She doesn't blame others for the mistakes she/he makes. They are honest to a fault and fully admits.

when she is in the wrong.

- Responsibility :

Someone with a good work ethic doesn't abuse her/his work privilege. They show up on time, ready to work.

• Work ethics in workplace :

- ① Honesty
- ② Transparency
- ③ Confidentiality
- ④ Accountability
- ⑤ Obidience to law
- ⑥ Objectivity
- ⑦ Respect
- ⑧ Integrity
- ⑨ Loyalty

• Professional ethics in the workplace :

- Always go for excellence

This is the equality that makes you work standout.

- Be Trustworthy:  
Any employee who exhibits trustworthiness is on a fast track to professionalism.
- Be Courteous and respectful:  
Courteousness is being friendly. Polite and well mannered with gracious consideration towards other.
- Be Competent and improve Continually:  
Competence is the ability of an individual to a job properly it's is a combination of knowledge skills & behaviour used to improve performance.
- Always be ethical:  
Ethical behaviour is getting within certain moral codes in accordance with the generally accepted Code of Conduct or rules.
- Always be honorable and act with integrity:  
Honorable action is behaving in a way that portrays "nobility, ~~or~~ of soul, magnanimity, and a sense of manner" which is derived from virtuous conduct and personnel integrity.

- sets and expression:

Applying the foregoing rules helps you improve your professionalism within your organization but is not complete until you have solid expertise on these around and below you.

### • Personal Code of Conduct:

- Teamwork
- Justice
- Autonomy
- Integrity
- Co-operation

- Honest

- Respect
- promise-keeping
- fairness

Appearance

- Attitude
- Character
- Communication
- Organization  
Skills.

Conclusion:

Thus, we understand about professionalism and ethics to be followed at workplace.

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