#### **Professional Ethics**

Civil Engineering

**Department:** 

|   | Program:   | B-Tech                     |                            |
|---|--|----------------------------|----------------------------|
|   | Name:  | Asadullah                  |                            |
|   | Student  | <b>ID:</b> 14024           |                            |
|   |  | Tota                       | ıl Marks: 30               |
| Q.1. Choose the correct                               | response   |                            |                            |
| a). Forcing people to closo<br>pandemic. (Legal and M | se their businesses, and forc<br><mark>Ioral)</mark> | ing them to stay at hon    | ne during the Covid-19     |
| o) Smoking Cigarettes.                                | (Legal and Immoral)                                  |                            |                            |
| c) Parking in a no parkin                             | g zone, to come to the aid o                         | of an injured person. (II  | legal and Moral)           |
| d). Punishing students ph                             | ysically. (Illegal and Immo                          | <mark>oral</mark> )        |                            |
| e). A student is cheating i                           | in examination but he is not                         | caught by the invigilation | ors. (Illegal and Immoral) |
|   |  |                            |                            |
|   |  |                            |                            |
|   |  |                            |                            |
|   |  |                            |                            |
|   |  |                            |                            |
|   |  |                            |                            |
|   |  |                            |                            |
| Q.2. Decisions made by of people. Explain with        |  | rious consequences to      | people often to multitudes |
|   |  |                            |                            |
| Ans:  |  |                            |                            |
|   |  |                            |                            |
|   |  |                            |                            |
|   |  |                            |                            |

Ang:

while making a decision by an engineer people will be impacted with a which is quoted as under with a case study "8T. FRANCIS DAM" as an example.

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## ST. FRANCIS DAMS-

approximately forty miles northwest of les Angeles, California, st. Francis of les Angeles, California, st. Francis of les Angeles, California, st. Francis of les Angeles and 1926 in order to between 1325 and 1926 in order to between 1325 and 1926 in order to provide a storage repriorir for the provide a storage repriorir for the Second concrete dem of nine dems second concrete dem of nine dems buts by the los Angeles Burgo' of water worlds & Supply.

This Dam construted ender the supervision of "wiliam Mulholland," manager and chief engineer of the Scanned with less and chief engineer of the Scanned with less less less city!" owers

Los Argeles Bureau of water worles and supply. The dam's Several cracks and leaks were abserved in the dam and its abulments, but Motholland dismissed these as mormal. After the reserver reservoir was filled to capacity for the first time on March 7, 1928; he inspected the dam and proclaimed it sefe. Just before midnight on Merch 12, however, the dam's massive concrete wall cathaped, Sending billion of gallons of water rushing down the canyon to ward the "paiglie ocean. The towns of Castaic Turetien, Fillmor, Bardsdele and Piro were & Hooded.

Damaged done by failure

By the Dam:-

More than 1000 houses were cardamigned or destroyed. The officer

death toll was estimated to be 450, but the number leitled was likely higher. many victims bodies were never recovered, and he numerous transient farm worlers and ilkgel immgrants who perished in the Flood were never accounted for in official statistics.

Due to the tremendous loss of life and property demege estimated to be \$ 7 million doller.

Some consider the failure of the St. Francis Dam to be the "Worst American evil engineering disaster of the 20th century.

Ethical Issues:

CamScanner

The corner's inquest found that the Failure of the St. Francis Dan was due to -> Unsatis Factory soil conditions Scanned with at the site

The additional 20 teet added to the height of the dam:

-> The design and construction overseen by only one person (Mulholland).

# Lessons learned"

the civil engineering professional how lowed much from the St. Francis
Dam Failerre both technically
and procedurally. There are, however
lessons that should be sell
restated and carried forward
to Future projects.

### Q.3. What code of ethics do you follow as student of engineering? Give example from your academic and social life.

| _@    |  |
|-------|--|
| Ans:  | Being an engineery stocent.  I should Fallow the Following  Code & ethics.  STUDENT PARTICIPATION:-  Students howe the responsibility of participations fully in the legining process, Students must report to university and to all scheduled classes on time with appropriate supplies and come prepared to work Students are expected to pay afteriors to instructions, complete assignments to the best of their ability and request help when needed. |
| CS 9c | STUDENT BEHAVIOR 2-<br>Student howe the responsibility<br>to reasonably avoid any behavior<br>anything is detrimental to achieving   |

their own or other studends, educa-tional goals, students must
Cooperate in tedering reasonable
care of booles, othe instructional
makerials, technology, and encourage
a climate where learning is
cherished.

## "Respect For STUDENTS"

Students have the responsibility
of showing respect for the rights
and human dignify of fellow
Students. For example, students
must not engage in name-couling,
fighting, harassment, bullying, belithing
ar engaging in deliberate autempts
ar engaging in deliberate autempts
to embarrais or harm another student

## "ACADEMIC THIEGRITY"

In Institute values accolonice integrity and is committied to

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fostering an intellectual and ethical environment, Academic Int Integrity encompasses honesty, responsibility and awareness relating to ethical standards.

results, maloried our word of

-> Properly acknowledges all Contributors to a given pièce work.

Submitted regarding a course or submitted regarding a course or after academic activity is produced without the aid of impermissible collaboration.

ethical means and reports them ethical means and reports them accurately without supporessing any results inconsistent with any results inconsistent with scanned with or her interpretation or conclusions.

I Treats all other students in an ethical manner, respecting their integrity and right to their integrity and right to pursue their eductional greats without interference. This requires that a student neither facilitates that a cademic dishonesty by others not abstracts their deadenic progress.