**MS 2nd Semester**

**1. Subject:** Bioprocess Technology

**Subject Teacher**: Mahmudul Hasan Masud

**Assignment Topic:**

1. Vinegar and Citric Acid Production Processes: Potential raw materials, Fermentation, Recovery, prospects of vinegar and citric acid.
2. Biopharmaceuticals: Antibiotic production and its modification, Metabolic engineering of antibiotics.
3. Processing of Food and Feed: Raw materials, Microorganisms, Processing, food value and economic importance of Tofu, Temph, and Animal and poultry feeds.

**2. Subject:** Molecular virology and oncology (Microb. 5202)

**Subject Teacher**: Najmun Nahar

**Assignment Topic:**

1. Dengue virus.
2. Cancer development and Metastasis**.**

**3. Subject:** Bacterial Pathogenesis and Molecular Epidemiology (Core)

**Subject Teacher**: Prof. Dr. Bijon Kumar Sil

**Assignment Topic:**

1. Infection control and prevention
2. Epidemiologic Analysis

**4. Subject:** Biomass and Biofuel

**Subject Teacher**: Dr. Syed Anwar Hussain

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**Assignment Topic:**

1)      S.C.P

2)      Energy.

3)      Microbial food and feed.

4)      Bio Gas.

NB; Everything about these topics.

**5. Subject:** Public Health Microbiology

**Subject Teacher**: Md. Rezaul Alam

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**Assignment Topic:**

1. Corona epidemic: How could we have better preparation? (2 pages, handwritten)
2. Health policy and synchronization for epidemic control (1 page, handwritten)

**6. Subject:** Extremophiles

**Subject Teacher**: Mumtarin Jannat Oishee

**Assignment Topic:**

1. Extremozymes: Characteristics of extremophilic cellulose, protease, pectinases, lipases, esterases, catalases, and phytases and their application in a different field.

\*Assignment must be different for each student and it should be handwritten.

\*\*\*You have to submit all the assignments on the opening day of the University after the coronavirus outbreak. If anybody faces any difficulties to prepare the assignment don't hesitate to contact the subject teacher over the phone or through email. #Stay Home. #Stay Safe.