

ASSIGNMENT

Course Name : Biology for Engineers

Course Code: CSE 2101

Semester: 4th

Session : Spring 2024

- 1. Write detailed report on positron emission tomography (PET), and cochlear implants.**
- 2. Design an instrumentation amplifier circuit for measuring EMG and explain how it works**

Guideline:

- For first question, explain the following topics briefly in your report:
 1. Definition
 2. Working principle
 3. Schematic diagram
 4. Advantages
 5. Limitations
- For second question, select a journal providing a circuit structure of a EMG sensor. Then, explain it.