

Module PMRF-ISSS100/2024

Introduction to Enzyme based biosensor

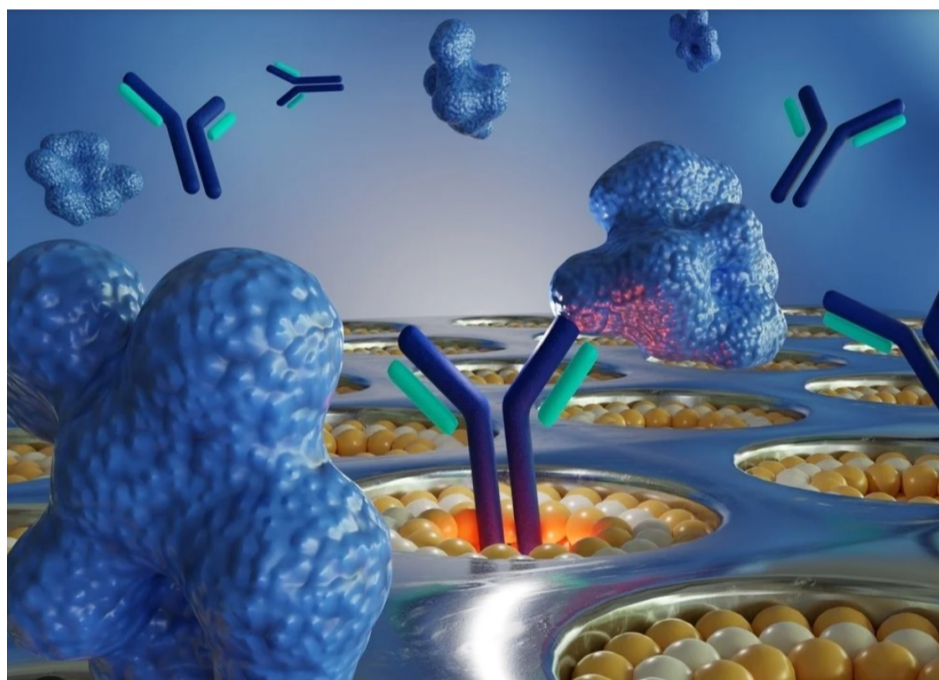
Name of the PMRF student

Ashmita Das

Required background of the students taught

Discipline(s)

Bachelors or Masters in Biotechnology,
Microbiology, Biochemistry, chemistry and
related field



Details of the content of the module

This course will cover introductory concepts about biosensors and specifically focuses on enzyme based biosensor. The highlights of the field and hot topics of related research will also be discussed. This course will also help in understanding the application of enzyme based biosensor in different field.

This course will include :

- Fundamentals and history of biosensors
- Introduction to enzyme based biosensors
- Techniques of enzyme immobilization and fabrication of the biosensor
- Application of enzyme based biosensor in biomedical, environmental and agricultural application
- Recent advancement regarding the modification enzyme based biosensor

Schedule of the module

Start Date: 3rd August 2024

End Date: 25th August 2024

Total number of sessions: 16 hrs (Including the Discussion sessions) Duration: 2 Hour Classes will be held on Saturday and Sunday , from 10:30 am to 12:30 pm.

Meeting link : Will be shared later

Contact email ID: issf.forum@gmail.com

Contact number: +916362882061

Registration link:

<https://forms.gle/e9h7MRYuC1RjaMmx6>

