



NAME: Ritayan Kashyap

ROLL NO: ECP19103

DATE OF JOINING: 23-07-19

SUPERVISOR: Dr. Biplob Mondal

LABORATORY: Room No 304

AREA OF RESEARCH: Plasmonics, Photonics, Microfluidics, Proteomics

TITLE/TOPIC: Surface Plasmon Resonance based biosensing

SUMMARY: The area of my research deals with the design and development of optical biosensor and the associated measurement system to provide a proof of concept for sensitive detection of protein.

EXPERIMENTAL SET UP: Portable Surface Plasmon Resonance measurement setup