

# Schedule of Advanced Physics Laboratory (PH310) course, Jan-April, 2022

## B. Tech. Eng. Physics

Information on the instructors (experiment wise):

Days	Exp1	Exp2	Exp3	Exp4	Exp5	Exp6
<b>Wednesday &amp;Thursday</b>	<b>Himangshu Sekhar Sarmah</b> (Email: shimangshu@iitg.ac.in)	<b>Dipendu Bhandary</b> (Email: dbhandari@iitg.ac.in)	<b>Madan Mohan Mahana</b> (Email: m.madan@iitg.ac.in)	<b>Pranjal Choudhury</b> (Email: p.choudhury@iitg.ac.in)	<b>Arkapravo Bera</b> (Email: b.arkapravo@iitg.ac.in)	<b>Ashirbad Pradhan</b> (Email: apadhan@iitg.ac.in)

### Lab Coordinators:

Prof. Arunansu Sil. (Email: asil [at] iitg.ac.in) & Dr.Tapan Mishra. (Email: mishratapan [at] iitg.ac.in)

### Technical staff associated with the lab:

Ms. Minakshi Chutia (Email: minakshi27@iitg.ac.in)& Mr. Prasenjit Dey (Email: prasenjit.dey@iitg.ac.in)

### List of experiments:

**Exp1:** Statistics of Radioactive Decay,

**Exp2:** A. Faraday Effect

B. Raman Effect,

**Exp3:** Microwave antenna

**Exp4:** Solar cell

**Exp5:** X-Ray Absorption and Diffraction

**Exp6:** UV-VIS spectroscopy