

Gaussian Beam: Lesson Plan for 3-weeks

Week-1: Introduction

1. <https://www.youtube.com/watch?v=fW6olkXgBM8>
2. <https://www.youtube.com/watch?v=tmO3LK-YVzM>

Interaction with Optical systems-1

<https://www.youtube.com/watch?v=vreRlcbAAa0>

Interaction with Optical systems-2

https://www.youtube.com/watch?v=Co_fLz4K3Ko

Measurement of Gaussian Beam

<https://www.youtube.com/watch?v=9RRulxbQ9NQ>

Week-2: Advanced lecture & Doubt session

Advanced Lecture (Optional)

<https://www.youtube.com/watch?v=MU4eOJw2sBQ>

- Write down a code for propagation of Gaussian beam
- Data analysis for calculating the divergence of a Gaussian beam (data will be supplied)

Week-3: Report writing and Viva

Write your report in your own words. Submit the report and give viva