

IPS ACADEMY
INSTITUTE OF ENGINEERING AND SCIENCE
SCHEDULE OF THE VIRTUAL LAB TRAINING PROGRAM

Room No. – N-410

Time: 2:00PM – 4:00PM

Coordinator: - Dr. Sanjay Jain

Sr. No.	Topic	Name Of The Faculty
1	To determine the resolving power of a telescope.	Dr. Sanjay Jain
2	To determine the radius of curvature of given plano convex lens with the help of Newton's ring experiments.	Dr Anjali Deotale
3	To determine the wavelengths of main spectral lines of given mercury light with the help of a plane transmission grating.	Mr. Shashank
4	To determine refractive index and dispersive power of the material of given prism using a spectrometer.	Dr. Deepi Jain
5	To determine wavelength of given laser light source.	Dr. Anjali Deotale
6	To determine the energy band gap using temperature dependence of reverse saturation current in semiconductor diode.	Dr. Sanjay Jain
7	To find the numerical aperture of a given optic fiber and hence to find its acceptance angle.	Dr. Deepi Jain
8	To plot characteristics curve & intensity versus current graph of solar cell.	Mr. Shashank
9	To determine resolving power of grating.	Mr. Govind Singh
10	To plot forward and reverse characteristics curve of following given semiconductor diodes: Silicon diode, Germanium diode and Zener diode.	Mr. Govind Singh