

**POST GRADUATE DEPARTMENT OF PHYSICS
UNIVERSITY OF KASHMIR, SRINAGAR-06**

December 02, 2020

Circular

As decided in the recently held Departmental Committee meeting, all the teachers shall commence the online teaching for the lab. experiments w.e.f 15.12.2020. Following is the list of experiments and the concerned faculty members responsible for delivering the online lectures and later on making the students perform these experiments in the lab.

| Faculty member | Experiments |
|-----------------------|---|
| Manzoor A. Malik | 1. Study of Hall Voltage and measurement of electrical conductivity of a Ge crystal. |
| Shakeel A. Simnani | 1. RC circuit analysis 2. Two diode full wave rectifier and Bridge rectifier 3. Transistorized astable multivibrator 4. Non-inverting amplifier using OP-AMP IC741 |
| Sajad Masood | 1. Energy band gap 2. Ultrasonic waves 3. GM Tube studies |
| Basharat A. Want | 1. Magnetic Susceptibility |
| Ghulam Nabi Dar | 1. LDR 2. Planck's constant |
| Waheed A. Dar | 1. Lande g factor 2. NMR |
| Waseem Bari | 1. Lissajous Figures 2. Electron charge to mass ratio (Various methods) |
| Shabir Ahmad Bhat | 1. Laser 2. PMT and various studies |

The Time Table for conducting the online classes shall be notified separately.

(Professor M. Farooq Mir)

Head of the Department