

# *Center for Lasers and Photonics*

## *IIT Kanpur*

### *Femtosecond laser laboratory*

#### **Precautions**

1. It is mandatory to wear the lab footwear while entering the lab. Cell-phones should not be used inside the lab.
2. Equipment to be kept ON always
  - a. DT-506 main power switch
  - b. Power to ORC power supply
  - c. Water circulator chiller (THERMOTEK).
3. Room temperature should be maintained at  $(18\pm 2)^{\circ}\text{C}$  and humidity below 55%.
4. When the experiment is going on (or when the laser is kept ON), no more than 3 people can be present in the laser lab.
- 5. Goggles should be worn while working on the system.**
6. Do not plug in or plug out any connections from the laser or any other device without prior permission.
7. Do not disturb any optical setup from optical table and/or with Micromachining system.
8. The assigned TA will change the output power of CPA; any other change in settings of DT 506 unit is strictly prohibited.
9. Be cautious always inside the lab. Keep the lab clean. Avoid any lengthy discussion with others while working inside the lab.
10. Ensure that all systems are shut down or stopped as per the procedure before leaving the lab.