

## SOP Leica Confocal Microscope

### SAFETY

Prior doing Confocal Imaging Keep the Temperature of room at 22<sup>0</sup> C.

While during imaging do not disturb both the Microscope & PC Laser table.

Keep foot wares outside.

Take prior booking.

### POWERON

#### TURN ON HARDWARE

*First* switch on *PC Microscope button*

Log On the Computer TS- USER

*Second* switch on *Scanner Power button* ( Wait for 5 Min.)

*Third* switch on *Laser Power button* ( Wait for 5 Min.)

Turn the Laser Emission key towards On-1 ( Wait for 5 Min.)

#### START SOFTWARE

Activate the Leica *LAS AF Confocal* software with the icon on the desktop

Click *OK* in the splash-screen that will appear in screen

Select the desired laser from configuration command

Start Taking Images

Burn data in CD or DVD (USB not allowed)

### SHUTDOWN

Turn off lasers in software, then exit software and logout.

Check booking for SP5.

If nobody is coming within 2 hrs:

1. Save data to your space on the Computer, Exit Software.
2. Remove sample.
3. Clean glycerol by wiping around metal objective casin.
4. Turn off Shutter lamp.
5. Switch off buttons 1 (Laser keys) and 2 (Laser power) & 3 (Scanner power) in 5 min gap each
6. Cover microscope.
7. Finally turn of button 4 (PC microscope) on the keypad.