

TRAINING SCHEDULE

Operation and Maintenance of Biomedical Equipment

This programme will be focusing on various aspects of Operation and Maintenance of Biomedical Equipment. The schedule of programme will be as follows:

Day 1:

- Inaugural Function, Electronic components & transducers
- Biomedical activities of CSIO & lab visits

Day 2:

- Biomedical Equipment Management & Troubleshooting
- Maintenance issues in hospitals and visit to PGI hospital maintenance dept.

Day 3:

- Troubleshooting electronic circuits
- Hands on session – Surface mounted devices

Day 4:

- 3D Imaging & Hands on session
- Visit to industry - Allengers

Day 5:

- Visit to Shimla

Day 6:

- Clinical chemistry analyzer & Hands on session
- Light based therapeutics

Day 7:

- Medical Implants and 3D Printing
- Visit to Hospital – GMCH 32

Day 8:

- IoT in Medical devices
- Assignments/Recap by the participants

Day 9:

- Hands on session – Oxygen Concentrator
- Control Schemes for Wheelchairs

Day 10:

- Visit to Amritsar

Day 11:

- Robotic rehabilitation & Hands on session
- Robotic surgical systems

Day 12:

- Multimedia in Psychiatry
- Dental Apex Locator

Day 13:

- Test/Calibration Procedures for Medical Device
- Assignments/Recap by the participant

Day 14:

- Project work

Day 15:

- Project work continued
- Feedback and valedictory session