1. RESEARCH LABORATORIES

Centre for Research and Technology Developments,
Sinhgad Institutes, Solapur

L1. Cloud Physics

1. Cloud Microphysics
2. Cloud Aerosal Interaction (Virtual Lab)
3. Cloud Electrification
4. Optical Cloud Detecting Sensors
5. CAIPEEX, IITM, Pune
6. Disdrometer
7. Physics of Cloud Modification

L2. Energy Science & Technology

1. Solar (PV, Thermal)
2. Wind (Horizontal & Vertical Axis)
3. Biomass(Biofuel, Gassifier)
4. Power Co-generation
5. Hydrogen (Fuel Cells)

L3. Environmental Engineering

1. Pollution Control
2. Geotechnical Testing
3. Structural Engineering
4. Seismic Wave
5. Weather Study

L4. Material Science (Engg. the Materials)

1. Nano materials
2. Nano fluids: Heat Transfer
3. Composites & Alloys
4. Ferrites & Ferroelectrics
5. Natural Resources (AU, Platinum & Thorium)
6. Nano Biosensor
7. Vibration Testing

L5.Computation & Communication Technology

1. Cloud Computing & Security
2. Wireless Comm.
3. Mechatronics & Robotics
4. Internet Of Things
5. ICT

L6. Biomedical Engg

1. Nano Medicine
2. Nano Biosensors
3. Image Processing
4. Cancer Nano Technology
5. IVF (Scaffolds)
6. Drug Delivery

L7. Incubation Centre & Energy Self Sufficient