

Major laboratory facilities

In Department:

- *Microscopy*: SEM (<http://www.iitk.ac.in/meesa/SEM/SEM.html>); Confocal; AFM; many optical;
- *Imaging*: PIV; High-speed cameras (1 million fps); 3-d Laser Doppler Vibrometer; Laser Doppler Velocimetry; IR cameras; micro-CT scanner;
- *Manufacturing*: Lithography; Sputtering and CVD systems; Laser manufacturing systems; Furnaces;
- *Others*: Optical engine; Water and wind Tunnels;

More details: http://www.iitk.ac.in/me/advanced_lab.htm

In Institute:

- Advanced Center for Materials Sciences (<http://www.iitk.ac.in/acms/>);
- Nanosciences Center (<http://www.iitk.ac.in/nanoscience/>);
- Focused Ion Beam setup (<http://www.iitk.ac.in/ibc/>);
- 4-I Laboratory (<http://home.iitk.ac.in/~vyas/4ilab.html>);
- National Wind Tunnel Facility (<http://www.iitk.ac.in/nwtf/>);
- Visualization Laboratory (website).