

List of Instruments Procured/under Process for CRF IIT Sonipat Campus

S. No	Instrument Name
1.	Transmission electron microscopy (TEM) https://www.jeolusa.com/HOME/Landing/JEM-ARM200F
2.	X-ray Photoelectron Spectroscopy (XPS) https://www.kratos.com/products/axis-supra
3.	X-ray Diffraction (XRD) https://www.malvernpanalytical.com/en/products/product-range/empyrean-range/empyrean/index.html
4.	Small-angle X-ray scattering (SAXS) https://www.anton-paar.com/in-en/products/details/versatile-laboratory-saxswaxsgisaxs-system-saxspoint-20/
5.	Thermal Series http://www.tainstruments.com/products/thermal-analysis/#ffs-tabbed-11
6.	Universal Testing Machine (UTM) https://www.zwick.com/en/dynamic-fatigue-testing-machines https://www.zwick.co.in/en-in/static-materials-testing-machine
7.	Physical Property Measurement System (PPMS) http://www.cryogenic.co.uk/products/high-field-cfms-10-18-tesla
8.	Fourier-transform infrared spectroscopy (FTIR) https://www.thermofisher.com/order/catalog/product/912A0760
9.	Rheometer http://www.tainstruments.com/ares-g2/
10.	Femto Second Laser Cutting System https://www.rofin.com/en/products/systems-and-solutions/laser-cutting-systems/laser-cutting-machines-starcut-tube/
11.	Ion Milling System * http://www.gatan.com/products/tem-specimen-preparation 1. Ion polishing system 2. Ultrasonic disc cutter 3. Disc Grinder 4. Dimple Grinder 5. Complete kit for preparing samples for cross sectional TEM 6. Disc Punch 7. Low speed Diamond saw
12.	Scanning Tunneling Microscope (STM) * http://www.rhk-tech.com/products/panscan-freedom-tesla/