

**\* Please read following instructions carefully \***

- Example of Filled Request Form has been provided at - <https://instruments.iitb.ac.in/laser-raman-imaging-system>.
- Registrations with incomplete Request Form will be rejected.
  
- All samples must be submitted in a single envelope marked "Raman" and with user's name.
- For solid / liquid samples use plastic eppendorfs / resealable plastic pouches. Sample code for each sample must be clearly mentioned.
- Sample quantity required - Solids: > 5 mg, Liquids: > 10 ml.
- Allowed size and weight of sample: up to 15 cm x 15 cm x 3 cm and 1 kg.
  
- System may not be able to acquire data for extremely low-concentration samples or structures less than 1 micron in size.
- Give detailed description of sample in Request Form. For example-  
MoS<sub>2</sub> flakes on Si substrate / Powdered mixture of TiO<sub>2</sub> and ZnO / Sucrose solution in DI water.
  
- For mapping, sample surface has to be completely level.
- For temperature-dependent analysis, sample must in solid form (pellet / substrate) with dimensions less than 5 mm x 5 mm x 5 mm (ideally 1 mm x 1 mm x 1 mm). Sample must have proper (sufficient intensity) spectrum at room-temperature. Sample must not deform at high temperatures.
  
- In Request Form, mention any note to the operator / precautions to be taken.
- Samples will be discarded 30 days after data has been sent.
- If samples are needed back, user has to make arrangements for the same.
  
- "Multiple Data Points" refers to at most 10 spectra per sample.
- For mapping, polarization-dependent and temperature-dependent analysis, data will only be acquired at one particular location per sample using one particular system configuration.
- For temperature-dependent analysis, mention (in Remarks section) the temperatures at which data is to be acquired at. Mention only the essential values as charges will be assigned accordingly.
  
- Regarding any queries, call 022-2159-6899 or email [lris@iitb.ac.in](mailto:lris@iitb.ac.in).

# LRIS facility (SAIF/CSIF, IIT-B) - Request Form

Every field in Request Form is mandatory. Edit the PDF itself, highlight correct options.

<b>User's Name</b>				
<b>User's Phone Number</b>				
<b>User's Email ID</b>				
<b>Institute</b>				
<b>Guide</b>				
<b>Guide's Phone Number</b>				
<b>Guide's Email ID</b>				
<b>No. of Samples</b>				
<b>Type of Analysis</b>	Spectral Analysis - Uniform Solid / Liquids			
	Spectral Analysis - Composites / Microstructures			
	Spectral Analysis - Multiple Data Points / Low Wavenumber			
	In-Situ Measurements			
	UV-PL			
	Mapping			
	Temperature-dependent Analysis			
	Polarization-dependent Analysis			
<b>Signal</b>	Raman		PL	
<b>Excitation Laser Wavelength</b>	325 nm	532 nm	633 nm	830 nm
<b>Sample Description</b>				
<b>Hazardous</b>	Yes		No	
<b>Highly Volatile</b>	Yes		No	
<b>Flash Point less than 60°C</b>	Yes		No	
<b>Raman / PL peaks expected at -</b>				
<b>Remarks</b>				