

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Chemical Engineering
PG RESEARCH LAB



Room No- 302, NL-II, CHE

Ph No-6538

Booking Form

B	GPC
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for Office Use

Booking No	GPC / B /	Booking Date	
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User Details	Name		Roll / PF	
	Supervisor's Name		Phone	
	Department		Email	
	Project No.			

Please Check to confirm sample requirements-

<input type="checkbox"/>	Samples should be prepared by dissolving 0.5 to 1 mg of compound in 01 ml of THF/Water(Depends on Mobile Phase)
<input type="checkbox"/>	Sample must be filtered with $\leq 0.22 \mu\text{m}$ filter.
<input type="checkbox"/>	Ensure samples are chemically compatible with the GPC column.
<input type="checkbox"/>	Sample should be fully soluble at ambient temperature (Atleast few Hrs)

GPC Method Details

Any other information about samples

	Parameters	Details	
1	Nature of Sample Non-Toxic/Toxic Hazardous/Photosensitive		
2	Number of Samples		
3	Mobile Phase Composition		
4	Flow Rate(MP)		
5	Sample Solvent & Injection Volume		
6	Expected Molecular Weight of Polymer		
7	Expected Run Time		

8 Required Detectors	<input type="checkbox"/> Refractive Index	<input type="checkbox"/> Viscometry	<input type="checkbox"/> Light Scattering
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9	Required Column	<input type="checkbox"/> PL 8 Aqua Gel OH 30 (300 X 7.5) mm , pH : 2 – 10 & Molecular Weight : 100 Da to 60 kDa <input type="checkbox"/> PL 5 Gel Mixed - C (300 X 7.5) mm , pH : 1-14 & Molecular Weight: 200 Da to 2 Mda
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For Lab use	Allotted Slot	Date		Timing (FN/AN)		Total Slots

Kindly transfer Rs _____ from Project No _____ which is
Expiring on _____ to account no LDA/IITK /CHE/2024520

Signature of User	Signature of Head / PI / Supervisor
User Name	

GPC	Instrument Charge Rs	1800 Per Sample
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