



Shirpur Education Society's
R. C. PATEL
INSTITUTE OF PHARMACEUTICAL EDUCATION &
RESEARCH, SHIRPUR

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Consultancy Services

- Molecular Weight determination by LCMS
- LC-MS/MS method development
- Impurity Profiling LCMS
- Purity determination of Compounds by LCMS
- Force degradation study by LCMS
- Library scan of Herbal Extracts by LCMS
- Pharmacokinetic Study by LCMS
- Nitrosamine Impurities Study by LCMS
- Digital Melting point Determination as per IP/USP
- LC-MS Grade Water of Mili-Q
- HPLC Grade Water of Mili-Q
- IR and DSC
- Powder XRD
- Zeta Sizer, SEM, Cascade Impactor
- Molecular Docking Study
- Molecular Dynamic Simulation



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No.	LC-MS Services for Academia	
1	Molecular Weight Determination	Rs 500
2	LC-MS (Liquid Chromatography and Mass Determination)	Rs 1500
3	Impurity Profiling LCMS	Rs 1500 for one run of 30 minute and 200 /per impurity
4	Purity determination by UPLC	Rs 1500
5	Forced Degradation Study and Molecular Weight of Degradant	Rs 1500 for one run of 30 minute and 200 /per degradant
6	LCMS and Library Scan of Herbal Extracts	Rs 3500
7	Pharmacokinetic Study by LCMS	Charges for the following services will be discussed via telephonic communication
8	Nitrosamine Impurities Study by LCMS	
9	Metabolite Identification by LCMS/MS	
10	LCMS Method Development	
11	Bioanalytical Method Development by LCMS	
12	MilliQ Grade Water (18 Ω Resistivity)	Rs 600 per 2.5 Liter + Courier Charges
13	Digital Melting point Determination as per IP/USP	Rs 100 per sample
14	Docking Study	Rs 500 /Compound for one target, if PDB ID is provided. Separate Rs 500 will be needed for PDB search, if not provided
15.	Molecular Dynamic Simulation for 100 ns	Rs 3000 for one complex



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No.	Zeta Sizer, SEM, Cascade Impactor Services for Academia		
1	Zeta Sizer-Particle Size Determination	Rs 500/Sample	Contact Person: Mr. Premkumar Baviskar Mob. No.: 9823264483 Mr. Rajesh Pawara Mob. No. 9145536376
2	Zeta Sizer-Zeta Potential	Rs 500/Sample	
3	Zeta Sizer-Molecular Weight	Rs 1000/Sample	
4	Cascade Impactor	Rs 1000/Sample	
5	Scanning Electron Microscopy (SEM)	Rs 2000/Sample	Bank Account Detail R. C. Patel Institute of Pharmaceutical Education and Research Bank Name: Indusland Bank Account No.201018797573 IFSC Code: INDB0001509
6	EDS	Rs 2000/Sample	
7	SEM-EDS	Rs 2500/Sample	Address for Sending the Sample Dr. H. S. Mahajan, R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur, District Dhule, 425405, Maharashtra. (Mob. No. 9823264483).
8	3D Printer FDM/SSE	Rs 1500/Day	
9	Raman Spectrometer (Serstech 100 indicator handheld instrument)	Rs 1000/Sample	
10	DSC	Rs 1200/Sample	

No.	FTIR, and DSC Services for Academia		
1	FTIR: Rs 300/Sample	Contact Person: Dr. A. A. Shirkhedkar (FTIR and DSC) Mob. No.: 9823691502	Bank Account Detail R. C. Patel Institute of Pharmaceutical Education and Research Bank Name: Indusland Bank Account No.201018797573 IFSC Code: INDB0001509
2	DSC: Rs 1200/Sample	Address for Sending the Sample Dr. A. A. Shirkhedkar, R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur, District Dhule, 425405, Maharashtra. (Mob. No. 9823691502).	



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No.	XRD, PFT, Rheogram, Viscosity, Shelf Life & other Services for Academia	
1	XRD Solid Sample – Minimum Sample Qty. – 500 mg : Rs 700	
2	XRD Liquid/Semisolid/ Dispersion Sample – Minimum Sample Qty. – 500 mg/0.5 mL : Rs 800	
3	XRD % Crystallinity: Rs 350	
4	Powder Flow Tester (Brookfield) – Minimum Sample Qty. – 250 gm 1) Standard Flow Function Test : Rs 1000 2) Wall Friction Test : Rs 1000 3) Time Consolidation Test (24 hour) : Rs 2500	Contact Person: Dr. S. S. Chalikwar Mob No. 9850104541 and 9175557871 Address for Sending the Sample Dr. S. S. Chalikwar , Professor and Head Industrial Pharmacy and Quality Assurance Department, R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur, District Dhule, 425 405, Maharashtra. (Mob. No. 9850104541/9175557871) (Email – pharmashailesh@rediffmail.com & pharmashailesh@gmail.com). Bank Account Detail R. C. Patel Institute of Pharmaceutical Education and Research Bank Name: Indusland Bank Account No.201018797573 IFSC Code: INDB0001509
5	Rheometer (Brookfield) : Rs 500	
6	Viscometer (Brookfield) : Rs 300	
7	Cold High Pressure Homogenizer (Panda Plus); Rs 1000	
8	Hot High Pressure Homogenizer (Panda Plus); Rs 1000	
9	IKA High Speed Homogenizer : Rs 200	
10	Rotary Evaporator : Rs 150	
11	HPLC (Per Sample Per Run) : Rs 200	
12	Shelf Life (Expiry Date) Assessment – Sigma Plot Software : Rs 2500	
13	Diffusion Cell Apparatus : Rs 200	
14	UV Visible Spectrophotometer : Rs 125	