



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

AN AUTONOMOUS INSTITUTE



# **CONSULTANCY SERVICES**

**“Accuracy You can Relay On”**

Near Karvand Naka, Shirpur, District Dhule,  
Maharashtra-425 405, Ph. No. 02563-255189, 251809

**[www.rcpatelpharmacy.co.in](http://www.rcpatelpharmacy.co.in)**



## 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
-



Shirpur Education Society's

**R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur  
(Maharashtra)**

(An Autonomous Institute)

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 $\Omega$ 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

**Contact Person:**

Dr. Harun M. Patel

Mob. No.: 8806621544

**Bank Account Detail**

Name: Principal, R. C. Patel  
Institute of Pharmaceutical  
Education

Account Number: 43882842921  
IFSC: SBIN0000482

**UPI ID: 918806621544@SBI**

**Address for Sending the Sample**

Dr. Harun Patel,  
Drug Discovery Lab, R.C. Patel  
Institute of Pharmaceutical  
Education and Research,  
Shirpur, District Dhule, 425405,  
Maharashtra. (Mob. No.  
8806621544).



Shirpur Education Society's  
**R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur**  
**(Maharashtra)**  
 (An Autonomous Institute)

No. Zeta Sizer, SEM, Cascade Impactor Services for Academia			
1	Zeta Sizer-Particle Size Determination	Rs 500/Sample	<b>Contact Person:</b> <b>Mr. Premkumar Baviskar</b> Mob. No.: 9823264483 Mr. Rajesh Pawara Mob. No. 9145536376 <b>Bank Account Detail</b> R. C. Patel Institute of Pharmaceutical Education and Research Bank Name: Indusland Bank Account No.201018797573 IFSC Code: INDB0001509 <b>Address for Sending the Sample</b> Dr. H. S. Mahajan, R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur, District Dhule, 425405, Maharashtra. (Mob. No. 9823264483).
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	
6	EDS	Rs 2000/Sample	
7	SEM-EDS	Rs 2500/Sample	
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	<b>Contact Person:</b> Dr. A. A. Shirkhedkar (FTIR and DSC) Mob. No.: 9823691502 <b>Address for Sending the Sample</b> Dr. A. A. Shirkhedkar, R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur, District Dhule, 425405, Maharashtra. (Mob. No. 9823691502).	<b>Bank Account Detail</b> R. C. Patel Institute of Pharmaceutical Education and Research Bank Name: Indusland Bank Account No.201018797573 IFSC Code: INDB0001509
2	DSC: Rs 1200/Sample		



Shirpur Education Society's  
**R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur**  
**(Maharashtra)**  
 (An Autonomous Institute)

<b>No. XRD, PFT, Rheogram, Viscosity, Shelf Life &amp; other Services for Academia</b>	
<b>1</b>	XRD Solid Sample – Minimum Sample Qty. – 500 mg : <b>Rs 700</b>
<b>2</b>	XRD Liquid/Semisolid/ Dispersion Sample – Minimum Sample Qty. – 500 mg/0.5 mL : <b>Rs 800</b>
<b>3</b>	XRD % Crystallinity: <b>Rs 350</b>
<b>4</b>	Powder Flow Tester ( <b>Brookfield</b> ) – Minimum Sample Qty. – 250 gm 1) Standard Flow Function Test : <b>Rs 1000</b> 2) Wall Friction Test : <b>Rs 1000</b> 3) Time Consolidation Test (24 hour) : <b>Rs 2500</b>
<b>5</b>	Rheometer (Brookfield) : <b>Rs 500</b>
<b>6</b>	Viscometer (Brookfield) : <b>Rs 300</b>
<b>7</b>	Cold High Pressure Homogenizer (Panda Plus); <b>Rs 1000</b>
<b>8</b>	Hot High Pressure Homogenizer (Panda Plus); <b>Rs 1000</b>
<b>9</b>	IKA High Speed Homogenizer : <b>Rs 200</b>
<b>10</b>	Rotary Evaporator : <b>Rs 150</b>
<b>11</b>	HPLC (Per Sample Per Run) : <b>Rs 200</b>
<b>12</b>	Shelf Life (Expiry Date) Assessment – Sigma Plot Software : <b>Rs 2500</b>
<b>13</b>	Diffusion Cell Apparatus : <b>Rs 200</b>
<b>14</b>	UV Visible Spectrophotometer : <b>Rs 125</b>

**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 –  
 pharmashailsh@rediffmail.com &  
 pharmashailsh@gmail.com).

**Bank Account Detail**

R. C. Patel Institute of Pharmaceutical  
 Education and Research  
 Bank Name: Indusland Bank  
 Account No.201018797573  
 IFSC Code: INDB0001509