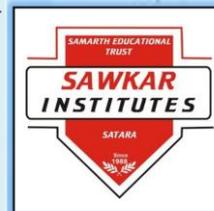


ARVIND GAVALI COLLEGE OF PHARMACY

Gat No. 261, At Jaitapur, Post Chinchner Vandan, Rahimatpur - Satara Rd, Satara,

Maharashtra 415004

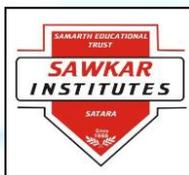


CENTRAL INSTRUMENTATION FACILITY



ANALYTICAL FACILITIES AVAILABLE:

- ✚ Reverse Phase High Performance Liquid Chromatography RP- HPLC and HPLC
- ✚ Fourier Transform Infrared (FTIR) Spectroscopy
- ✚ Double Beam UV-Visible Spectrophotometer
- ✚ Brookfield Viscometer
- ✚ Dissolution testing



ARVIND GAVALI COLLEGE OF PHARMACY

Gat No. 261, At Jaitapur, Post Chinchner Vandan, Rahimatpur - Satara Rd, Satara,

Maharashtra 415004

CENTRAL INSTRUMENTATION FACILITY

Sr. No.	Name of Instrument	Type of Analysis	Sampling mode/ Requirement	Sample Analysis Rate
1.	Fourier Transform Infrared Spectroscopy (FTIR)	1) Determination of functional group 2) Qualitative and quantitative determination	1) Solid sample – fine powder 2) Liquid sample* Quantity: 1-2 mL *pH range: 5-8 only	Rs.200/- Rs.300/-
2.	Reverse Phase High Performance Liquid Chromatography RP- HPLC and HPLC	1) Qualitative & Quantitative analysis 2) Determination of purity of compound 3) Percentage composition 4) Reaction kinetics study	Qty-0.1gm or 1 ml Isocratic sys Solubility of sample in methanol or acetonitrile	For 0-15min run time: Rs. 300/-
3.	Double Beam UV-Visible Spectrophotometer	1) Qualitative & Quantitative analysis 2) Determination of percentage composition 3) Reaction kinetics	Qty-0.1gm or 1 mL Solubility of sample in solvent such as methanol, acetonitrile, Ethanol or water	Rs. 200/- For calibration curve Rs.200/- extra
4.	Brookfield Viscometer	1) Measures fluid viscosity at a given shear rate. 2) Study of rheological behaviour of the material.	Qty- 250ml, Sample must be homogeneous	Rs. 100/-
5.	Dissolution Test apparatus	Dissolution studies	As per the testing procedure	Rs. 100/-



ARVIND GAVALI COLLEGE OF PHARMACY
Gat No. 261, At Jaitapur, Post Chinchner Vandan, Rahimatpur - Satara Rd, Satara,
Maharashtra 415004

CENTRAL INSTRUMENTATION FACILITY
APPLICATION FORM FOR SAMPLE SUBMISSION

Name:.....

Email ID:

Tel/Mobile no:

Institute name:.....

Type of work:.....

SAMPLE DETAILS:

Sr.No.	Sample	Qty. in mg or mL	Solubility	Analysis (FTIR/HPLC/UV-spectroscopy/dissolution testing/viscosity testing)
1.				
2.				
3.				
4.				
5.				

Note if any:

1. Separate samples should be sent for different analysis
2. Samples and payment details should be sent in the same cover

Signature

CONTACT:

 Tel. no.: 02162246700
 office@arvindgavalipharmacycollege.com