

**\*Draft to be made in the name of "Director, SAIF, Panjab University, Chandigarh"**

## **SAIF Facilities**

Sr. no	Facilities	PU Campus & Its Regional Centers	Other Educational Institutions	R & D Labs	Industries
<b>1</b>	<b>FESEM</b>				
1.i	FESEM	800	1000+18% S.T	3000+18% S.T	5000+18 %S.T
1.ii	EDX	500	600+18% S.T	700+18% S.T	900+18% S.T
1.iii	Mapping	500	600+18% S.T	1000+18 %S.T	1500+18% S.T
<b>2</b>	<b>FT NMR Spectrometer (400MHz)</b>				
2.i	<b>1 D</b> (1H NMR,13C NMR, DEPT Experiment, NMR of any other Nucleus) with CDCL3 & D2O (for each sample)	200	300+18% S.T	900+18% S.T	2000+18% S.T
2.ii	<b>1 D</b> (1H NMR,13C NMR, DEPT Experiment, NMR of any other Nucleus) with <b>DMSO-d6</b> (for each sample)	350	450+18% S.T	1050+18% S.T	2150+18% S.T
2.iii	<b>2 D</b> (2DCOSY,NOESY,Experiments,HSQC,ROESY,TOC SY,HMBC Experiment, Any other 2D experiment) with CDCL3 & D2O (for each sample)	400	600+18% S.T	1800+18% S.T	4000+18% S.T
2.iv	<b>2 D</b> (2DCOSY,NOESY,Experiments,HSQC,ROESY,TOC SY,HMBC Experiment, Any other 2D experiment) with <b>DMSO-d6</b> (for each sample)	550	750+18% S.T	1950+18% S.T	4150+18% S.T
* For 1H, 13C and any other 1D or 2D experiment of same sample DMSO-d6 charges will be charged only one time.					

<b>3</b>	<b>Liquid Chromatography Mass Spectrometry(LCMS)</b>				
3.i	MASS	350	450+18% S.T	1050+18% S.T	2200+18% S.T
3.ii	LCMS	650	900+18% S.T	2400+18% S.T	5200+18% S.T
3.iii	MS-MS	500	750+18% S.T	1950+18% S.T	4200+18% S.T
3.iv	HRMS	650	900+18% S.T	2400+18% S.T	5200+18% S.T
<b>4</b>	<b>Scanning Electron Microscope</b>				
4.i	SEM	550	700+18% S.T	1600+18% S.T	3300+18% S.T
<b>5</b>	<b>Transmission Electron Microscope</b>				
5.i	TEM	710	910+18% S.T	2110+18% S.T	4310+18% S.T
<b>6</b>	<b>WD-XRF</b>				
6.i	Powder/ Solid Samples	900/- In Rock(Geological samples Rs. 900/- will be charged extra per sample for Ten major oxides)	1200/-+18% S.T In Rock(Geological samples Rs. 1200/- will be charged extra per sample for Ten major oxides)	Rs. 1800/- +18% S.T In Rock(Geological samples Rs. 1800/- will be charged extra per sample for Ten major oxides)	Rs. 6000/- +18% S.T In Rock(Geological samples Rs. 6000/- will be charged extra per sample for Ten major oxides)
6.ii	Liquid Samples (Charges as per Element)	600	800+18% S.T	1200+18% S.T	4000+18% S.T
<b>7</b>	<b>XRD</b>				
7.i	X-RAY Diffractometer	200	300+18% S.T	900+18% S.T	2000+18% S.T
<b>8</b>	<b>Liquid Nitrogen</b>				
8.i	Liquid Nitrogen	30	40+18% S.T	50+18% S.T	100+18% S.T
<b>9</b>	<b>Micro Photography</b>				
9.i	Micro Photography	15 per shot	20 per shot+18% S.T	40 per shot+18% S.T	100 per shot+18% S.T

**Lab Visiting Charges:**

- Visiting Charges Rs 750/- **per Lab per Batch** + 18% Service Tax [Other Educational Institutions]
- Visiting Charges Rs 750/- **per Lab per Batch** [PU Students]
- Each batch must contain only **15-20** students.

Note:

1. The analytical data/spectra are provided only for research/development purposes. These cannot be used as certificates in legal disputes.
2. Service charges including Service Tax are payable in advance by crossed bank draft in favour of “The Director, Sophisticated Analytical Instrumentation Facility, Panjab University, Chandigarh”. Payable at Chandigarh
3. Samples and payment should be sent preferably in the same cover. Separate samples should be sent for different analysis. Samples will not be analysed until payment is received.
4. In all correspondence related to analysis our reference number must be mentioned.
5. Radio-active material, Unstable and explosive compounds are not accepted for analysis.
6. Research fellows and students are advised to send their application and samples are recommended by their supervisor and Head of Department to avail the discount.
7. Interpretation of spectra is NOT undertaken.
8. As per the recent decision of FMC committee it is mandatory for user of SAIF facility to acknowledge the facility in their research work and communicate the same to SAIF Chandigarh for onward communication to DST, New Delhi. This condition is necessary for availing “discounted educational institute price” for educational institutes.
9. For Lab visit, it is mandatory to take prior appointment from Director SAIF before your visit. The application should be send through department/Senior official of institution/Company. No deviation will be allowed for the timings.

All the communication should be addressed to:

Director  
SAIF  
Panjab University