

## Skill India Lab Discount Program: Analytical Services for students from Research/ Academic Organizations

(Start Date: May 1, 2016 Revised on: 6 June, 2018)

### FEATURES

<ul style="list-style-type: none"> <li>• Access to Analytical Services on <u>per sample basis</u> <ul style="list-style-type: none"> <li>○ Differential Scanning Calorimetry (<b>DSC</b>)</li> <li>○ Thermo-Gravimetric Analysis (<b>TGA</b>)</li> <li>○ Particle Size Analysis (<b>PSA</b>)</li> <li>○ Fourier Transform- Infrared Spectroscopy (<b>FT-IR</b>)</li> <li>○ Elemental Analysis using MP-AES</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Access to Analytical Equipments <u>on time basis</u> <ul style="list-style-type: none"> <li>○ Gas Chromatography (<b>GC</b>)</li> <li>○ High Pressure Liquid Chromatography (<b>HPLC</b>)</li> <li>○ Flame Spectrometer - UV</li> <li>○ Flame Spectrometer - NIR</li> <li>○ STS Micro Spectrometer - UV</li> <li>○ STS Micro Spectrometer - NIR</li> <li>○ Spectrofluorometer</li> <li>○ Flow Cytometry</li> <li>○ Confocal Microscopy</li> <li>○ Electroforce System</li> </ul> </li> </ul>
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### ELIGIBILITY

- Only for registered students (PhD, M.Sc, B.Tech, M.Tech) from non-profit research and academic organizations with valid student ID cards;
- Additional Requirements:
  - Valid student ID card
  - Formally registered with a research/ academic organization
  - Application form/term sheet to be counter-signed by research guide
  - Letter of Support/ Approval from HOD
  - Payment can be from research organization or individual

### TERMS

- **PAYMENT TERMS**
  - Reservation and bookings shall be strictly against payment of full amount applicable.
  - Payment is acceptable by DD or cheque payable in Pune or at Par or could be deposited directly into the Venture Center's bank account.
  - Booking once made shall not be transferrable or payment made thereof shall be non-refundable.
- **USAGE TERMS**
  - User shall not (intentionally or otherwise) do anything to suggest that the Venture Center or NCL as being party to the analytical services availed of by the Applicant.
  - Venture Center will offer analytical services for **DSC, TGA, Particle Size Analyzer, FT-IR & Elemental Analysis & Microwave Digester** as "full service" only. Only Venture Center staff will have access to these analytical instruments and shall carry out the necessary analytical services as per SOP and EHS guidelines laid down by Venture Center. However the applicant will have access to the computer with the relevant data analysis software (up to 1 hr max). Venture Center shall collect samples for analysis and submit the results of analysis as per the schedule agreed upon while collecting the sample. For these services consumables cost is part of the charges applicable.
  - Other equipments that are part of analytical services like **GC, HPLC, Flame Spectrometer-UV, Flame Spectrometer-NIR, STS Micro Spectrometer-UV, STS Micro Spectrometer-NIR, Spectrofluorometer** can be used through two options.
    - Option A: The above instruments can be used by applicants having prior experience using these equipments. Venture Center lab staff will give the initial introduction for usage, data retrieval software as well as precautions to be observed during use. Applicant also has to qualify the Venture Center Safety test before using these equipments. Applicant shall use the equipment as per SOP and EHS guidelines laid down by the Venture Center.
    - Option B: Venture center staff can analyze the samples for clients. However the applicant will have access to the computer with the relevant data analysis software (up to 1 hr max). Venture Center shall

- collect samples for analysis and submit the results of analysis as per the schedule agreed upon while collecting the sample.
- For use of these equipments, consumables cost is **not** part of the charges applicable – clients must use their own consumables. In some cases, for sample preparation, applicant may need to avail additional services (e.g. Hot lab package, work bench etc). Cost of these will be charged separately.
  - **Flow Cytometry, Confocal Microscopy & Mechanical Testing** services are offered as Venture Center Staff Facilitated Service.
  - Any damage to the property, equipment and accessories while availing Analytical services shall be made up as per the prevailing costs without demur by the user.
  - All users of Analytical Lab services must follow the standard operating procedures (SoP) and EHS guidelines laid down by Venture Center. Violation of these guidelines will result in immediate termination of services by Venture Center.
  - Users must vacate all areas in Analytical Lab and clean up all the working spaces at the end of every working day to the satisfaction of Venture Center staff. Venture Center will conduct daily checks on the Analytical Lab equipments to ensure that there was no damage inflicted by the User.
  - Venture Center shall maintain records of Analytical Services for each User. These will be made available to the User prior to billing. User agrees that in case of any dispute, Venture Center's assessment of the number of samples / number of hours and fees applicable will be considered final and the same shall be used for billing purposes.
  - Analytical services will be available only during the official working hours of Venture Center.
  - Venture Center reserves the right to deny use of its services at its sole discretion, without providing any reason whatsoever. In case of scheduling conflicts, Venture Center will be the sole and final authority on the schedule and availability of the Analytical Services.
  - Venture Center does not guarantee that the continuous and proper functioning of the analytical instruments. In case of equipment failure, Venture Center will attempt to repair or replace the equipment within an appropriate time period. Any liability incurred by Venture Center will be limited to a part of the advance payment made by the User that remains un-utilized due to equipment failure. This will be calculated on a pro-rated basis.

**PRICING**

Equipment (Service Code)	Pricing Facility operated by VC employee	Equipment (Service Code)	Pricing With Training, Self-Operated	Pricing Facility operated by VC employee	Equipment	Pricing Facility operated by VC employee
DSC (TA-01)	Rs. 3,000 per sample per hour. After one hour Rs. 1,000 per hour.	HPCC (CG-01)	Rs 1000/ half day	Rs.2000/- per sample having run time of one or less than one hour. After one hour Rs. 1000/- per hour *	Flow Cytometer	FCS01: Rs.3000/hour (charging minimum for and in multiples of half an hour) FCS02: Rs 500/hour
STA 6000 (TA-02)	Rs. 3,000 per sample per hour. After one hour Rs. 1,000 per hour.	GC (CG-02)	Rs 1000/ half day	Rs.2000/- per sample having run time of one or less than one hour. After one hour Rs. 1000/- per hour *	Confocal Microscope	Rs 2000/hour
PSA (SS-03)	Rs 3000/ sample	Quantitative Analysis for GC /HPLC (CG-03)	Rs. 1,000 per calibration point. ( Min three points; Standard to be provided by client. )		Electroforce System	Rs 3000/hour
FT-IR (SS-01)	Rs 1000/ sample	Flame Spectrometer - UV (SS-02)	Rs 1000/ half day	Rs 1000/ hour		
Elemental Analysis- EA-01-A	Rs 700/element/ sample	Flame Spectrometer - NIR (SS-02)	Rs 1000/ half day	Rs 1000/ hour		
EA-01-B	Rs. 500/element/ sample	STS Micro Spectrometer-UV (SS-02)	Rs 1000/ half day	Rs 1000/ hour		
EA-02-A	Rs. 900/element/ sample					
EA-02-B	Rs 700/element/ sample	STS Micro Spectrometer-NIR (SS-02)	Rs 1000/ half day	Rs 1000/ hour		
EA-03-A	Rs. 1200/element/ sample					
EA-03-B	Rs. 1000/element/ sample	Spectrofluorometer (SS-02)	Rs 1000/ half day	Rs 1000/ hour		
Deposit	Rs.0	Deposit	Rs. 50000/-	Rs. 0	Deposit	Rs. 0

\*Consumables will be charged at actual

**DISCOUNT: 50% on above mentioned Pricing**

Note: 1) Service tax and other taxes applicable at the prevailing rate shall in addition to the above. 2) Price includes all basic utilities –power, internet, water etc. 3) Special needs regarding EHS, waste disposal and utilities charged extra.  
 4) If hot labs services are also opted for, applicable deposit is Rs 50,000. No discounts applicable on the Deposit

For and on Behalf of  
 (Name of the Company)

(Name of the authorized signatory)  
 Designation