



MAHARSHI DAYANAND UNIVERSITY

Rohtak-124001, Haryana (INDIA)

(A State University established under Haryana Act No. XXV of 1975)

'A+' Grade University Accredited by NAAC

ABOUT US

THE ARYABHAT CENTRAL INSTRUMENTATION LABORATORY (ACIL) HAS UNDERGONE SIGNIFICANT EVOLUTION SINCE ITS INCEPTION IN 2014, EXPANDING TO INTEGRATE THE DEPARTMENT OF VISUAL ARTS IN 2017 AND REAFFIRMING ITS COMMITMENT TO SCIENTIFIC EXCELLENCE. THE INAUGURATION OF THE NEW ACIL BUILDING IN 2019 MARKED A PIVOTAL MOMENT, SUPPORTED BY SUBSTANTIAL BUDGETARY ALLOCATIONS FOR INSTRUMENTS, MAINTENANCE, AND SUPPLIES IN THE FISCAL YEAR 2021-22. SPANNING 2250 SQ. METERS WITH 10 LARGE AND 8 SMALL LABORATORIES, ALONG WITH A CONFERENCE HALL AND AMENITIES, ACIL PROVIDES A STATE-OF-THE-ART ENVIRONMENT FOR DIVERSE SCIENTIFIC EXPERIMENTS AND ANALYSES. THIS COMPREHENSIVE FACILITY SUPPORTS CUTTING-EDGE RESEARCH, COLLABORATION, AND INNOVATION WITHIN OUR UNIVERSITY'S ACADEMIC COMMUNITY, CONTRIBUTING SIGNIFICANTLY TO ADVANCING SCIENTIFIC KNOWLEDGE AND INTERDISCIPLINARY RESEARCH INITIATIVES. FOR FURTHER DETAILS, VISIT [UNIVERSITY WEBSITE] OR CONTACT US AT [CONTACT INFORMATION].

CONTACT US

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OUR FACILITIES

GAS CHROMATOGRAPHY WITH
MASS SPECTROPHOTOMETER
DIGITAL FORENSIC KIT
FTIR
POTENTIOSTAT/GALVANOSTAT/
EIS ANALYSER
UV SPECTROPHOTOMETER (UV-
VIS-NIR)
RHEOMETER
QIAXCEL ADVANCE
SYSTEM/BIOANALYSER
AUTOMATED FLASH
CHROMATOGRAPHY SYSTEM
IMPEDANCE ANALYSER
FLUORESCENCE
SPECTROPHOTOMETER
MILLI Q(WATER PURIFICATION
SYSTEM)
HIGH SHEAR HOMOGENIZER
MICROWAVE SYNTHESIS
HOT STAGE MICROSCOPE
ZETA SIZER
SURFACE AREA AND PORE
ANALYZER
CHNS ANALYSER
VECTOR NETWORK ANALYZER
FE-SEM(Field Emission Scanning
Electron Microscope)



GAS CHROMATOGRAPHY WITH MASS SPECTROPHOTOMETER



DIGITAL FORENSIC KIT



FTIR



POTENTIOSTAT/GALVANOST AT/EIS ANALYSER



UV SPECTROPHOTOMETER (UV-VIS-NIR)



RHEOMETER



QIAXCEL ADVANCE SYSTEM/BIOANALYSER



AUTOMATED FLASH CHROMATOGRAPHY SYSTEM



IMPEDANCE ANALYSER



FLUORESCENCE SPECTROPHOTOMETER



MILLI Q (WATER PURIFICATION SYSTEM)



HIGH SHEAR HOMOGENISER



MICROWAVE SYNTHESIS



HOT STAGE MICROSCOPE



ZETA SIZER



SURFACE AREA AND PORE ANALYZER



CHNS ANALYSER



VECTOR NETWORK ANALYZER



FE-SEM(Field Emission Scanning Electron Microscope)

S.NO.	NAME	MAKE/ MODEL	Usage Charges For		
			MDU Rohtak	Other Educational Institutions (18% GST Extra)	Industry/ R&D Labs (18% GST Extra)
1.	AUTOMATED FLASH CHROMATOGRAPHY SYSTEM	YAMAZEN (AI 580 S)	Nil	Rs. 500/- per sample	Rs. 1000/- per sample
2.	UV SPECTROPHOTOMETER (UV VIS-NIR)	SHIMADZU (UV 3600 PLUS)	Nil	Rs. 100/- per sample	Rs. 500/- per sample
3.	RHEOMETER	ANTON PAAR (MCR 102)	Nil	Rs. 200/- per sample	Rs. 1000/- per sample
4.	POTENTIOSTAT/GALVANOSTAT/ EIS ANALYSER	PRINCETON APPLIED RESEARCH (PARST AT-4000)	Nil	Rs. 200/- per sample	Rs. 500/- per sample
5.	FLUORESCENCE SPECTROPHOTOMETER	HORIBA INSTRUMENT(FL3C- 21)	Nil	Rs. 200/- per sample	Rs. 500/- per sample
6.	HIGH SHEAR HOMOGENIZER	Microfluidics (M110-P)	Nil	Rs. 200/- per sample	Rs. 500/- per sample
7.	FLEXIWAVE (ADVANCED FLEXIBLE MICROWAVE SYNTHESIS PLATFORM)	CEM	Nil	Rs. 500/- per sample	Rs. 1000/- per sample
8.	HOT STAGE MICROSCOPE	LINKAM (DSE 600)	Nil	Rs. 200/- per sample	Rs. 500/- per sample
9.	ZETA SIZER	Malvern (Nano zs)	Nil	Rs. 200/- per sample	Rs. 500/- per sample
10.	SURFACE AREA AND PORE ANALYZER	Quantochrome (Autosorb1Q- C-MP)	300/- per sample	Rs.1500/- per sample	Rs. 2500/- per sample
11.	CHNS ANALYSER	Euro Vector (EA 3000)	Rs. 100/- per Slot of 10 samples	Rs. 1000/- per Slot of 10 samples	Rs. 2000/- per Slot of 10 samples
12.	VECTOR NETWORK ANALYZER	AGMATEL (PNA-LN5234B)	Nil	Rs. 200/- per sample	Rs. 500/- per sample
13(a),(b) ,(c)	FESEM with 6 images, additional images @ 50/- per image (Including coating)	Carl Zeiss	200/- per sample	800/- per sample	1800/- per sample
	FESEM with 6 images, additional images @ 50/- per image (Including coating)+EDX		500/- per sample	1200/- per sample	2300/- per sample
	FESEM with 6 images, additional images @ 50/- per image (Including coating)+EDX + Elemental mapping		700/- per sample	1600/- per sample	3000/- per sample
14.	DIGITAL FORENSIC KIT	CYINT TECHNOLOGY (FRED STANDARD)	Nil	200/- per sample	500/- per sample
15.	IMPEDENCE ANALYSER	KEY SIGHT (E4990 A)	Nil	200/- per sample	500/- per sample
16.	MILLI Q (WATER PURIFICATION SYSTEM)	MERCK	Nil	200/- per sample	500/- per sample
17.	QIAXCEL ADVANCE SYSTEM/BIOANALYSER	QIAGEN MODEL(9001941)	Nil	200/- per sample	500/- per sample

Aryabhata Central Instrumentation Laboratory

MAHARSHI DAYANAND UNIVERSITY, ROHTAK.

Dated:

Name of Instrument/Equipment to be used _____

Name of Applicant / Research Scholar _____

Applicant's Father Name _____

Research Supervisor's Name _____

Department _____

College/Institution/University/Industry _____

Postal Address _____

Pin _____ State _____

Phone/MobileNo. _____

Email _____

Samples with full details (i).....(ii).....

(iii).....(iv).....

(v).....(vi).....

Nature of Sample (Solid/Liquid) _____

Sample is Health Hazardous Yes / No

Sample is Explosive Yes / No

Note: Charges are not refundable at any cost.

Amount paid Rs..... Payment ID PaymentDate.....

Name of Invoice in favour: ACIL (charges of use of instruments)

M code- 506, S code- 301111

(copy of payment as above to be attached, if applicable)

Name & Signature
of the Supervisor

Name & Signature
of Applicant

Director (ACIL)