









**Instrumentation Facilities available in the Department of Clinical Biochemistry, University of Kashmir**

**Common Instruments of the Department**



<b>S. No.</b>	<b>Name of instrument/ Equipment</b>	<b>Make &amp; Model/serial number</b>	<b>Date of Installation</b>	<b>Funding agency</b>	<b>Status (functional or non-functional)</b>	<b>Physical location /appearance</b>
1.	Centrifuge	Thermoscientific, Fiberlite F15-6X100Y	2015	Departmental	Functional	
2.	Gel Doc	GELDOC-IT, Imager, M-26Vtrans illuminator	2016	Departmental	Functional	
3.	Laminar hood	LAF-294	2018	Departmental	Functional	
4.	Incubator (2no)	YORCO	2017	Departmental	Functional	

5.	PCR	Eppendorf, AG22331, HAMBURG	2016	Departmental	Functional	
6.	RTPCR	Applied biosystems, step one real time PCR SYSTEM THERMAL CYCLING BLOCK.	2019	Departmental	Functional	
7.	pH meter	Thermoscientific, Orion star A111	2018	Departmental	Functional	
8.	oven		2019	Departmental	Non-functional	
9.	Weighing balance (4 no)	Uni Bloc, AUW220D	2018	Departmental	Functional	
10.	Sonicator		2017	Departmental	Functional	



11.	Water bath (4 no)	Waiometra, water bath incubator shaker, wbi-2727d	2016	Departmental	Functional	
12.	Gel Rocker	GeNei, gel rocker, LI-GR-E-100	2019	Departmental	Functional	
13.	Roller	SR-208	2018	Departmental	Functional	
14.	Water purification system	Bio-age, direct ultra-turf-10	2021	Departmental	Functional	
15.	-80 Refrigerator	Thermo scientific	2022	Departmental	Functional	
16.	Mini centrifuge (3no)	REMI, R-4CDX	2017	Departmental	Functional	

17.	Micro tissue homogenizer	BELLS-INDIA	2016	Departmental	Functional	
18.	Double distillation plant (glass)		2022	Departmental	Functional	
19.	UV-Vis spectrophotometer	Thermos scientific Evolution201		Department	Functional	
20.	Autoclave			Department	Functional	
21.	Analyzer	HA-22 Clindiag		Department	Functional	





22.	Microscope (3no)			Department	Functional	
23.	Analyzer	Bio Rad Smartspec plus		Department	Functional	
24.	pH meter	Labtronics		Department	Functional	
25.	Thermal cycler (Polymerase chain Reaction)	Bio Rad T100		Department	Functional	
26.	Colorimeter	Biogen		Department	Functional	
27.	Homogenizer	Remi		Department	Functional	

28.	Colorimeter	Equiptronics		Department	Functional		
29.	Centrifuge	Remi		Department	Functional		




**List of Equipments in the Diagnostic Centre**  
**Lab Incharge: Prof. Fouzia Rashid**

S. No.	Name of instrument/ Equipment	Make & Model	Date of Installation	Funding agency	Status (functional or non-functional)	Physical location/appearance
1.	CBC Analyzer (03 Part Analyzer with HP Laserjet	P1108		Department	Functional	
2.	Compound Microscope	KLM105		Department	Functional	
3.	Compound Microscope	L.MI2255235102		Department	Functional	
4.	ERBA CHEM 07	N111159		Department	Functional	
5.	Accre Immunoassay Analyzer (chemiluminescence)	TS2B3309627		Department	Functional	
6.	ERBA CHEM 5	Sr no 060614		Department	Functional	

**List of Equipments in the FR Lab**  
**Lab Incharge: Prof. Fouzia Rashid**






S. No.	Name of instrument/ Equipment	Make & Model	Date of Installation	Funding agency	Status (functional or non-functional)	Physical location/appearance
1.	Finecare Plus Immune Analyzer.	FS-114	Sep. 2023	DHR	Functional	
2.	Mispa CLOG Coagulogram	E0933043	Oct. 2023	DHR	Functional	
3.	PCR Thermocycler	2720			Functional	
4.	Multiscan Elisa Reader	FSP120-AAAN3	March 2024	DHR	Functional	






5.	Lisa Scan EM Elisa Reader	S No: 131020			Functional		
6.	Centrifuge		Sep. 2023	DHR	Functional		
7.	Incubator		Aug. 2023	DHR	Functional		

### List of Equipments in the Protein Research Lab

**Lab Incharge: Dr. Tanveer Ali Dar**







<b>S. No.</b>	<b>Name of instrument/ Equipment</b>	<b>Make &amp; Model</b>	<b>Date of Installation</b>	<b>Funding agency</b>	<b>Status (functional or non-functional)</b>	<b>Physical location/appearance</b>
1.	Centrifuge	Eppendorf 5804R	Jan. 2025	ICMR- DHR	Functional	
2.	Fast Protein Liquid Chromatography (FPLC)	AKTA pure 25L	July 2024	ANRF- SERB	Functional	
3.	EKTA prime plus	GE health care	Apr. 2015	DBT	Functional	
4.	UV-Vis spectrophotometer	Agilent Carry100	Apr. 2015	DBT	Functional	
5.	Fluorescence Spectrophotometer	Agilent	Jan. 2019	CSIR	Functional	


6.	Shaker incubator	MRC	Apr. 2023	ICMR-DHR	Functional	
7.	Electrophoretic apparatus	Bio Rad Mini protein	Apr. 2023	ICMR-DHR	Functional	
8.	Weighing balance	Sartorius BSA 224S-CW	Jan. 2025	ICMR-DHR	Functional	
9.	pH meter	Horiba-1500	Jan. 2025	ICMR-DHR	Functional	
10.	Refractometer	Labotech		DBT	Functional	
11.	Refrigerators	LG (2 No.) Blue star (1 No.)		CSIR/DBT	Functional	

12.	Magnetic stirrer	03 Nos.		Department	Functional	
13.	Rocker	Tarsons		Department	Functional	
14.	Heat block	Genetix	Mar. 2021	CSIR	Functional	

**List of Equipments in the Free radical and Cancer biology Lab**

**Lab Incharge: Dr. Showkat A. Ganie**

<b>S. No.</b>	<b>Name of instrument/ Equipment</b>	<b>Make &amp; Model/serial number</b>	<b>Date of Installation</b>	<b>Funding agency</b>	<b>Status (functional or non-functional)</b>	<b>Physical location /appearance</b>
1.	Soxhlet Apparatus		2022	ICMR	Functional	
2.	Electrophoretic Apparatus	GeNei™	2021	JK-DST	Functional	
3.	SDS Apparatus	BIO RAD	2017	DST-SERB	Functional	
4.	Trans blot Turbo, transfer system	BIO RAD,	2018	DST-SERB	Functional	
5.	Phase Contrast Microscope	ZEISS, Axiocam 208 color	2023	ICMR	Functional	
6.	UV inspection cabinet	SSGW, SSF-48/B	2016	ICMR	Functional	

7.	Carbon dioxide incubator	ESCO, CELL MATE(CLM-170B-8)	2024	DST-SERB	Functional	
8.	BIOSAFETY CABINET	ESCO, SENTINEL GOLD(AC2-4S8-NS)	2024	DST-SERB	Functional	