



**School of Chemistry**

**In-charge for Instruments and Computers and Facilities (prepared by KM/PKP/RN)**

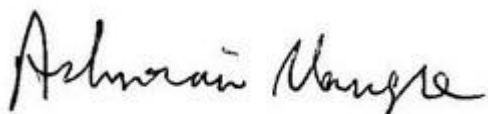
**w.e.f. 24-01-2022**

<b>Sl. No.</b>	<b>Instrument</b>	<b>Room No.</b>	<b>Operator</b>	<b>Faculty In-charge</b>
1	<b><u>Magnetic Resonance:</u></b>		Durgesh & Mahender	PKP/YSR/RN
	(i) NMR (4 nos.)	E001		
	(ii) EPR	E013	Turabuddin	VB/ RC
2	<b><u>X-ray:</u></b>	N009,	Ramana Kumar	MS/VB/SP
	(i) Single crystal machine (4 nos)	E004-5	& Mahesh	
	(ii) SWAX	E007	-	
	(iii) PXRD	E012	Vinay Kumar	KM/SP
3	<b><u>Microscopy:</u></b>		Durga Prasad	SKD /RC/ AKN
	(i) Confocal Raman Microscope	E003		
	(ii) Fluorescence Life time Imaging	S001	Durga Prasad	RC
	(iii) AFM (2 nos.)	N013	Sunil & Rajesh Durga Prasad	KM/TPR
	(iv) TEM	N013-14		
(v) FESEM	E003			
4	<b><u>Mass Spectroscopy:</u></b>		Asia Pervez & Manasi & Turabuddin	YSR
	(i) HRMS	E009-10		
	(ii) GC-MS-QP2010			
	(iii) LC-MS-8040	C004	Bhaskar Rao	TS, RB
	(iv) GC-MS-QP2020NX			
5	<b><u>Thermal Characterization:</u></b>			
	(i) DSC (2 nos.)	N012	Syam Babu	TJ/MJS
	(ii) TGA-MS (2 nos.)			
	(iii) DSC (liquid, 2 nos.)			
	(iv) ITC			
6	<b><u>Spectroscopy:</u></b>			
	(i) UV-Vis (2 nos.)	N011	Students	MB
	(ii) Fluorimeter (2 nos.)			
	(iii) CD	N010	Students	MJS
	(iii) Femtosecond pump probe	E006	Students	AKB
	(iv) Laser Flash Photolysis	E011	Students	AKB
	(v) FT-IR	C003	Anand	TS/RB
7	<b><u>Chromatography:</u></b>			
	(i) HPLC	W115	Bhaskar Rao	TS/RB
	(ii) GC-2010Plus	C004		
(iii) GPC	N010	Students	TJ/KM	

8	<b>Electrochemistry:</b> (i) Impedance Analyzer (ii) Solar Simulator (iii) Electrochemical Workstation (2 nos.)	N110	Students	SKD/MB
9	DVS	E007	Syam Babu & Students	TJ
10	DLS			
11	BET			
12	Spin Coater	S010		
13	Glove Box	C001	Students	MB
14	Polarimeter (2 nos.)	N010	Students	DBR
15	(i) Hydrogenation Apparatus (ii) Ozoniser	W011	Students	Not working PRS
16	Freeze Dryer	N101	Students	PRS
17	Photochemical Reactor	E117	Students	RN
18	Microwave Reactor	C003	Students	AKS
19	CHN Analyzer	C002	Bhaskar Rao	Not revivable
20	Ice-machines (6 nos.)	Corridors	Sathyanarayana (M.Sc. lab staff)	YSR
21	Millipore water	N108	Students	MB
22	PCs, Servers, internet, website, Security cameras, Display screens, CSD, Laisse with CNF, and other items which requires maintenance.			
a	Security cameras, computer labs, Display screens			MSH
b	Website, School servers,			DBK
c	Internet related, PCs, Electronics lab			SM, JJ
d	School license software CSD			MS
e	Laisse with CNF, Classroom projectors, AV teaching			LGP
f	Translational cluster (under UPE funds)	Annex building GF-011		SM, DBK

23	MSc labs in-charge (MSc labs functioning including the following three instruments: (i) UV-Vis spectrometer (Jasco V730) (ii) Fluorimeter (Jasco 8200) (iii) Polarimeter (Jasco P2000)	Annex building FF-106	Lab staff/students	MB/TS / RN

1. The committee strongly recommends training a few other user students other than assigned in-charge research group for those instruments, where operator is not assigned.
2. Though the instruments were organized well, we would like to propose small reorganization of a few small instruments, which are located in different places soon.



Dean, School of Chemistry  
Dated 24<sup>th</sup> Jan. 2022