

MINUTES OF THE ONLINE ADDITIONAL MEETING OF THE BOARD OF STUDIES IN CHEMISTRY (PG)

Date & Time : 23.04.2022 (Saturday) Time: 04.00 pm

List of Members Present:

1. Dr. S.M.A. Shibli (Chairman) *J. Shibli*
2. Dr. T. S. Anirudhan *online*
3. Dr. Sony George *online*
4. Dr. Jayasree E. G. *online*
5. Dr. Shibu Prasad S. *online*
6. Dr. Vishnu V. S. *online*
7. Dr. P.S. Parameswaran *online*
8. Dr. Manoj S. V. *online*

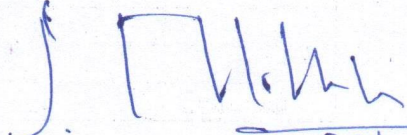
The meeting started at 4.00 pm to discuss and finalise the lab equipments needed for M.Sc. Chemistry course. The members actively participated in the discussion. After discussion, the board finally decided and approved the following list of lab equipments needed for the M. Sc. Chemistry course.

List of Equipments and Instruments for PG Chemistry Programme

Sl. No.	Name of Instrument	Minimum No.	Remarks
1	Abbe Refractometer	2	
2	Buchner Funnel	2	
3	Bunsen Burner	10	
4	Constant Temperature Bath	1	
5	DC power source	1	
6	Deioniser	1	
7	Desiccator	10	
8	Digital Colorimeter	2	
9	Digital Conductivity meter	2	
10	Digital pH meter	2	
11	Digital Potentiometer	2	
12	Distillation apparatus	1	
13	Electric Bunsen Burner	5	
14	Electronic Balance (digital) 3 digit	1	
15	Electronic Balance (digital) 4 digit	1	
16	FT-IR spectrophotometer	1	Optional
17	Hand Drier	2	
18	Heating Mantle (250, 500, 1000 mL)	1	Optional

19	High Temperature Oil Bath	1	Optional
20	Hot air oven	2	
21	IR Lamp for Drying	5	
22	Lab Centrifuge (4500 – 5000 rpm)	1	Optional
23	Magnetic stirrer with hotplate	2	
24	Mechanical Flask shaker	1	
25	Melting and Boiling Point Apparatus (Digital)	1	Optional
26	Muffle furnace	1	Optional
27	Polarimeter	1	Optional
28	Polarographic analyser	1	Optional
29	Refrigerator	1	
30	Soxhlet Extraction Apparatus	1	Optional
31	Stalagmometer	5	
32	Stop clock	5	
33	Table top ice maker	1	
34	Thermometer (Sensitive 0.1°C)	10	
35	TLC applicator	1	Optional
36	Ultra High Speed Centrifuge	1	Optional
37	Ultrasound sonicator	1	Optional
38	UV chamber for TLC	2	Optional
39	UV Visible Spectrophotometer (Single Beam)	1	Optional
40	Vacuum Desiccator	1	Optional
41	Vacuum Oven	1	Optional
42	Vacuum Pump (oil Free)	1	
43	Viscometer	5	
44	Water bath	2	
45	Water purifier	1	Optional
Safety Requirements (per lab)			
1	Eye Wash	1	
2	Fire Extinguisher	2	
3	Shower	1	
Electrical Support Requirements			
1	10KVA 150 Ah Inverter with battery (UPS)	1	Optional
ICT Requirements			
1	Computational Software	(as per syllabus)	Optional
2	Desktop Computers/ Laptop	5	

There was no other item put forward by the members for discussion. The chairman thanked all the members for their fruitful involvement during the discussion. The meeting came to an end by 5.00 pm.


 S.M.A. Shibli 23/04/22

Chairman, BoS Chemistry -PG

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