

**EQUIPMENT/ASSETS ACQUIRED UNDER THE DBT STAR COLLEGE SCHEME**  
**DEPARTMENT OF CHEMISTRY**

<b>Sr. No</b>	<b>Name of the Equipment/Asset</b>	<b>Quantity Procured</b>
1.	Analytical semi-micro weighing balance (Readability: 0.01 mg Repeatability: 0.02 mg Max cap : 50 g)	1
2.	Centrifuge Machine Centrifuge Machine With 8 holes Rotation: 10000 rpm	1
3.	Karl-Fischer Auto- titrator Microprocessor Karl Fischer Moisture	1
4.	Extraction Apparatus Soxhlet 500ml	1
5.	Digital COD Digestors 15 tubes	1
6.	Desktop (Intel Core I3 Processor)	1
7.	Microwave 30SC4 Capacity 30 ltr	1
8.	Refrigerator Single Door 185 Lit.	1
9.	Zinc Electrode EQ-707	1
10.	Potentiometer EQ-606	2
11.	Colorimeter	2
12.	Hot plate with Magnetic Stirrer	4
13.	Pre coated TLC plates	1
14.	Distillation set up	1
15.	Thermostatic Water Bath (with six holes)	2
16.	Portable oil free Vacuum Pump cum Compressor	2
17.	Auto Ranging conductivity with Temperature probe Automatic Temperature Compensation	1
18.	Unbreakable APH sleeved conductivity cell (K=1). Slim size	6
19.	Unbreakable APH sleeved Copper electrode Slim size	10
20.	Unbreakable APH sleeved Silver electrode slim size for low volume	4
21.	Unbreakable APH sleeved platinum electrode slim size	10
22.	Digital pH meter (0-14ph) Microprocessor based	1

23.	Unbreakable APH sleeved calomel (HgI/HgCl)electrode slim size for low volume	5
24.	Single channel variable volume fully Autoclavable micropipette	1
25.	Micropipette single channel variable vol 0.5	1
26.	Orbital shaker 325x325mm	1
27.	ICE Making Machine 45 Crystals within 15-20mins	1