

Faculty of Technology
M.Tech. Nano Science and Technology
(R 2017) Semester – I
NT5111 COMPUTATION AND SIMULATION
(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Magnetic Stirrer	5		
2.	Hot Air Oven	2		
3.	Ultrasonicator	3		
4.	Autoclave	3		
5.	Chemical Vapor Deposition (CVD)	2		
6.	Spin Coating Unit	1		
7.	Box Furnace (with Max. Temp 1000C)	2		
8.	Centrifuge Machine	3		
9.	Ball Milling	1		
10.	Glove Box	1		
11.	Vaccum Oven	1		
12.	Deep Freezer	1		
13.	Refrigerator	1		
14.	Weighing Balance	2		
15.	Microwave Furnace	1		

Faculty of Technology
M.Tech. Nano Science and Technology
(R 2017) Semester – I
NT5112 NANOMATERIAL SYNTHESIS
(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Magnetic Stirrer	5		
2.	Hot Air Oven	2		
3.	Ultrasonicator	3		
4.	Autoclave	3		
5.	Chemical Vapor Deposition (CVD)	2		
6.	Spin Coating Unit	1		
7.	Box Furnace (with Max. Temp 1000C)	2		
8.	Centrifuge Machine	3		
9.	Ball Milling	1		
10.	Glove Box	1		
11.	Vaccum Oven	1		
12.	Deep Freezer	1		
13.	Refrigerator	1		
14.	Weighing Balance	2		
15.	Microwave Furnace	1		

Faculty of Technology
M.Tech. Nano Science and Technology
(R 2017) Semester – II
NT5211 NANOMETROLOGY
(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Magnetic Stirrer	5		
2.	Hot Air Oven	2		
3.	Ultrasonicator	3		
4.	Autoclave	3		
5.	Chemical Vapor Deposition (CVD)	2		
6.	Spin Coating Unit	1		
7.	Box Furnace (with Max. Temp 1000C)	2		
8.	Centrifuge Machine	3		
9.	Ball Milling	1		
10.	Glove Box	1		
11.	Vaccum Oven	1		
12.	Deep Freezer	1		
13.	Refrigerator	1		
14.	Weighing Balance	2		
15.	Microwave Furnace	1		