Faculty of Technology

M.Tech. Nano Science and Technology

(R 2021) Semester – I

Course Code: NT4111	Course Title: Computation and Simulation Laboratory	
Sl. No.	**Description of Equipment**	**Required numbers (for batch of 25 students)**
1	Desktop computer systems with i5 processor	5 to 6 systems
2	Matlab software for computations	1 no
3	Scanning probe image processing software	1 no. (Free software)

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Course Code: NT4112	Course Title: Nanomaterial Synthesis Laboratory	
Sl. No.	**Description of Equipment**	**Required numbers (for batch of 25 students)**
1	Hot air oven	2 no
2	Magnetic stirrer	6 to 8 nos.
3	Microwave oven	1 or 2 nos.
4	High temperature furnace	2 nos.
5	Autoclave	5 nos.
6	Spin coater	1 no.
7	Centrifuge system	3 no.
8	Weighing Balance	1 no.
9	Deep freezer	1 no.
10	Fuming hood	1 no.