

Lab Facilities

Lab Name : Material Sciences Lab
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No.	Equipment	Description
1	Scanning Probe Microscope	For topology of a material surface analysis which depends on the interaction of quartz with the sample surface
2	Corrosion Studies Bench	For corrosion of a substance study
3	Total Organic Carbon Analyser	For analysis of ion content in a mixture compound by chromatography technique
4	UV Spectrophotometer (UV/visible) and	For analysis of compound by absorption and beam transmission in a range of observed light and UV light
5	Cross flow Membrane Filtration	For filtration of pollute in waste water by membrane cross flow technique
6	Oven	Heating equipment
7	Rotary evaporator	For chemical evaporation
8	CVD synthesis of nanotube	For nanotube/nanofiber synthesis
9	Reactor	For chemical reaction process
10	Hotplate	For sample heating
11	Hot press and extruder	For production of material by extrude or hot pressing technique
12	Thermal desorber	For organic compound from a solid matrix desorption without destruct it