














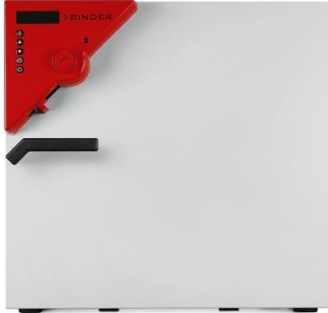




List of Research equipment




<p>Chemisorption Analyzer with MS</p>	<p>Micromeritics</p>	<p>Autochem HP</p>	
<p>Accelerated Surface Area and Porosimetry System</p>	<p>Micromeritics</p>	<p>ASAP 2420</p>	





<p> laser diffraction particle size analyzer (Wet & Dry Module) Dr. shaheen's project + Dept. </p>	<p>Malvern</p>	<p>Mastersizer 3000</p>	
<p> CHNS/O Analyzer With AD6 micro balance and controller </p>	<p>Perkin Elmer</p>	<p>2400</p>	
<p>UV/Vis Spectrometer</p>	<p>Perkin Elmer</p>	<p>LAMBDA 35</p>	




<p>ICP Spectrometer</p>	<p>Thermo</p>	<p>iCAP 6000 with ASX-520 Autosampler</p>	
<p>Microscope</p>	<p>Optika</p>	<p>B-500Ti</p>	
<p>Balance</p>	<p>Shimadzu</p>	<p>AW320</p>	
<p>Lab Refrigerator</p>	<p>Sanyo</p>	<p>Medicool</p>	





<p>Auto balance and controller</p>	<p>Perkin Elmer</p>	<p>AD6</p>	
<p>Ion Chromatograph (IC) + Auto sampler 858</p>	<p>Metrohm</p>	<p>850 Professional IC with 858 professional Sample Processor</p>	
<p>Liquid Nitrogen generator</p>	<p>Kelvin international</p>	<p>NL170</p>	
<p>High-end titrator with built-in buret drive</p>	<p>Metrohm</p>	<p>888 Titrand</p>	




<p>Drying and heating chambers with natural convection</p>	<p>Binder</p>	<p>ED Series</p>	
<p>Laboratory Shaker</p>	<p>IKA</p>	<p>KS 501 Digital</p>	
<p>Overhead Digital Stirrer</p>	<p>Caframo</p>	<p>BDC 250</p>	
<p>pH / Conductivity Meter with VA detector</p>	<p>Metrohm</p>	<p>867/857</p>	
<p>Oil Content Analyzer</p>	<p>HORIBA</p>	<p>OCMA-500</p>	





Equipment	Manufacturer	Model	Display
Accelerated Surface Area and Porosimetry System shaheen	Micrometrics	ASAP 2420	
High-Precision, High-Pressure Syringe Pumps	Teledyne pump Model 260D	ISCO	
Microbalance & Gravimetric Sorption Analyzer - IsoSORP®	Rubotherm		


Magnetic suspension balance shaheen	Rubotherm		
Microbalance & Gravimetric Sorption Analyzer - IsoSORP®	Rubotherm		
Density Meters	Anton Paar	DMA 4500 M	
Density Meters	Anton Paar	DMA-HP	
GC	Perkinelmer	Clarus 580 GC	

<p>FT-IR</p>	<p>Bruker</p>	<p>VERTEX 80</p>	
<p>Pressure Reactor</p>	<p>The Parr Controller</p>	<p>4848</p>	
<p>Gas Hydrate autoclave with the Sapphire Rocking Cell</p>		<p>RC5</p>	

<p>TGA</p>	<p>Perkinelmer</p>	<p>4000</p>	
<p>Universal Ovens</p>	<p>Memmert</p>	<p>UNE series, Type UFB 400</p>	
<p>Stirring Hot Plate with Digital Displays</p>	<p>Corning</p>	<p>PC-420D</p>	
<p>Balance</p>	<p>Mettler Toledo</p>	<p>XS105</p>	

<p>Sand blasting Unit</p>	<p>Sandmaster</p>	<p>Fine blaster type FG3</p>	
<p>Spin Coater</p>	<p>Laurell</p>	<p>WS-650MZ- 23NPPB</p>	
<p>Ultrasonic soldering system</p>	<p>MBR Electronics</p>	<p>USS-9210</p>	

<p>magnetic stirrer with heating and ceramic heating plate</p>	<p>IKA</p>	<p>C-MAG HS 4</p>	
<p>Density Analyzer</p>	<p>Quantachrome</p>	<p>Pentapyc™ 5200e Gas Pycnometer</p>	
<p>Hot Plate Stirrer</p>	<p>Fisher Scientific</p>	<p>Lab-mix temp basic</p>	
<p>Drying Oven (Moved to G 225)</p>	<p>Vision Scientific</p>	<p>VS-1202D3</p>	

<p>Setaram pct pro</p>	<p>SETARAM</p>	<p>PCT Pro</p>	
<p>Kf titrator</p>	<p>Mettler Toledo</p>	<p>C 20</p>	