

**INFORMATION ABOUT VARIOUS INSTRUMENTS IN**

**APPLIED CHEMISTRY DEPARTMENT, FACULTY OF TECH & ENGG, THE M S UNIVERSITY OF BARODA**

ANALYSIS- e mail. ID: [head-appchem@msubaroda.ac.in](mailto:head-appchem@msubaroda.ac.in) [For All analysis]

[coordinator-coepolymer@msubaroda.ac.in](mailto:coordinator-coepolymer@msubaroda.ac.in) [For TEM, GPC, Rheometer] along with a copy to Head's mail ID

1	2	3	4	5	6	7
<b>Sr No .</b>	<b>Name of the Instrument (Make, Model etc,)</b>	<b>Faculty</b>	<b>Department</b>	<b>Physical Location (Bldg. etc)</b>	<b>In-Charge Teacher / Contact Person</b>	<b>Contact No. / Email</b>
1	Transmission Electron Microscope (TEM) JEOL JEM 1400plus 120 kV	Tech & Engg	App. Chem. Deptt.	Centre of Excellence Building	Prof. C. N. Murthy	Mob: 9429198051 E-mail: cnmurthy-appchem@msubaroda.ac.in
2	Polarizing Optical Microscope With Heating Stage Make: NIKON Japan Model: NIKON 600H; Linkam Pro System LTSE420	Tech & Engg	App. Chem. Deptt.	Science Block, Instrument Lab No. 1	Prof. R.C. Tandel	Mob: E-mail: rectandel-appchem@msubaroda.ac.in
3	Gel Permeation Chromatography (GPC) Make: Agilent Scientific Instruments	Tech & Engg	App. Chem. Deptt.	Center of Excellence Building	Prof. C. N. Murthy	Mob: 9429198051 E-mail: cnmurthy-appchem@msubaroda.ac.in
4	Rheometer Make: Haake Technik	Tech & Engg	App. Chem. Deptt.	Center of Excellence Building	Prof. C. N. Murthy	Mob: 9429198051 E-mail: cnmurthy-appchem@msubaroda.ac.in
5	Thermogravimetric analysis (RT to 750	Tech & Engg	App. Chem.	Science Block,	Dr. C. K. Modi	Mob: 9426364507 E-mail: chetanmodi-

	°C) Model: TGA-50 Shimadzu, Asia Pacific Pvt. Ltd., Singapore		Deptt.	Instrument Lab No. 1		appchem@msubaroda .ac.in
6	High Pressure Liquid Chromatography (HPLC) Model: LC-2010CHT Shimadzu, Japan	Tech & Engg	App. Chem. Deptt.	Science Block, Instrument Lab No. 1	Prof. P. T. Deota	Mob: 9824443984 E-mail: ptdeota- appchem@msubaroda .ac.in
7	Spectrofluorophotometer Shimadzu, Asia Pacific Pvt. Ltd., Singapore	Tech & Engg	App. Chem. Deptt.	Science Block, Instrument Lab No. 1	Dr. Sanjeev Kumar	Mob: 9427453243 E-mail: sanjeevkumar- appchem@msubaroda .ac.in
8	Differential Scanning Calorimetry (DSC) (RT to 400 °C) Model: DSC-60 plus Shimadzu, Japan	Tech & Engg	App. Chem. Deptt.	Science Block, Instrument Lab No. 2	Dr. Rakesh Sharma	Mob: 9228499273 E-mail: rksharma- appchem@msubaroda .ac.in
9	Microwave Reactor Model: Multiwave PRO Anton Paar GmbH, Austria	Tech & Engg	App. Chem. Deptt.	Science Block, Research Lab No. 2	Prof. C. N. Murthy	Mob: 9429198051 E-mail: cnmurthy- appchem@msubaroda .ac.in
10	Rotary Vacuum Evaporator Make: Heidolph	Tech & Engg	App. Chem. Deptt.	Science Block, Research Lab No. 1	Prof. C. N. Murthy	Mob: 9429198051 E-mail: cnmurthy- appchem@msubaroda .ac.in
11	GC-FID Model: Ceres 800 Gas Chromatograph	Tech & Engg	App. Chem. Deptt.	Science Block, Research Lab No. 2	Dr. C. K. Modi	Mob: 9426364507 E-mail: chetanmodi- appchem@msubaroda .ac.in