

**SDM College of Engineering & Technology, Dharwad - 580002**  
**Department of Chemistry**

**1. Laboratory & workshop**

➤ **List of Major Equipment/Facilities in each Laboratory/Workshop**

Sl. No.	Name of Laboratory	Carpet Area (Sq. mt)	Major equipments available	Total Investment till Date
1	General Chemistry	192.56	Mentioned below	27,00,000/-
2	R & D	24.48		

➤ **Major equipments available**

Sl. No.	Laboratory	Instruments / Equipment	Units
1.	General Chemistry Laboratory	Demineraliser	01
		Vacuum pump	01
		Electronic balance	02
		Hot air oven	01
		Hot plate	02
		Steam bath	01
2.	Instrumental Laboratory	Conductivity meter	05
		pH-meter	05
		Potentiometer	04
		Colorimeter	06

3.	R & D Laboratory	Digital Abbe Refractometer; Make: Atago, Japan (Model - DR-A1)	01
		Electronic Analytical Balance Make: Sartorius, Germany (Model – BP 211 D)	01
		Constant Temperature Water Bath Make: RAAGA, Madras	01
		Vacuum Pump Make: Toshniwal, Madras	01
		Nitrogen container Make: IBP, Nasik	01
		Voltage stabilizer Make: KRYKARD, Madras	01
		Incubator	01
		UV Chamber Make: Ma Optics Technology, Delhi	01
		Spin Coater Make: Spektron Instruments Inc. Chennai.	01
		Electrochemical workstation	01
Spectro-electrochemical photometer	01		



2. Computing Facilities

: NIL

6. List of research projects/consultancy work

<b>Sl. No.</b>	<b>Principal Co-ordinator</b>	<b>Project Title</b>	<b>Year of Grant</b>	<b>Funding Agency</b>	<b>Project Amount</b>	<b>Project duration</b>	<b>Status</b>
1	<b>Dr. A.A. Kittur</b>	Electrochemical Energy storage with modified Graphene Oxide-conducting Polymer Hybrids	2015	VGST Project	20 lakhs.	2 years	complete d
2	<b>Dr. Shafi A. Phaniband</b>	Nanofiltration Process to Remove dye from Textile Effluents in Prevention of Environmental Pollution	2019	VGST Project	05 lakhs.	2 years	sanctione d

7. Ph.D Thesis – One copy of thesis submitted by scholars of our research centers in our college library (intimate the same to Dean Admin)