

Synthesis lab facilities (Updated April 2026)

S.No.	Name of Equipment	Make and Model
1.	Mounting Press	Chennai metco
2.	Quartz Tube Sealing Unit	VEC solutions, Bangaluru
3.	Arc Melting Furnace	VEC solutions, Bangaluru
4.	Induction Melting Furnace	VEC solution, Bangalore, KA
5.	Stir Casting Furnace	VBCC, Ceramic consultants
6.	Metal Rectifier for hand welding	Sur iron & steel CO. PVT LTD for Indian oxygen LTD
7.	Magnetic stirrer	Labtro
8.	Cryocan mill	Tau instruments

Synthesis Lab Facilities

Mounting press



Quartz Tube Sealing Unit



Arc Melting Furnace



Induction Melting Furnace



Stir Casting Furnace



Metal Rectifier for hand welding



Magnetic Stirrer



Cryocan mill

