

RESEARCH LABORATORIES & CENTRALIZED INSTRUMENTATION FACILITIES
Department of Centre of Excellence in corrosion and surface
Engineering

S.No	Name of the Equipment	Name of the Laboratory	Short description of the Equipment (Model, Make Important Details)	Faculty In charge Contact Details
1.	Hot Air Jet Erosion Equipment	Tribology	M/s. DUCOM Instruments Pvt. Ltd., Bangalore.	Dr. S. Natarajan 0431-2503327
2.	Reciprocating Wear Testing Unit	Tribology	M/s. Magnum Engineers, Bangalore.	& Dr.S.P.Kumaresh Babu 0431-2503462
3.	Pulse Rectifier (0-40 V) (Microcontroller Based)	Surface Engineering	Ionics Power Solutions Pvt. Ltd., Hyderabad.	Dr. S. Natarajan 0431-2503327 & Dr.M.Matheswaran 0431-2503120
4.	Vacuum & High Temperature Tribometer	Tribology	M/s. DUCOM Instruments Pvt. Ltd., Bangalore.	Dr. S. Natarajan 0431-2503327 & Dr.M.Duraiselvam 0431-2503509
5.	High temperature impedance Analyzer	Corrosion Engineering	AMETEK Instruments India Pvt. Ltd., Chennai	Dr. S. Natarajan 0431-2503327 & Dr.S.P.Kumaresh Babu 0431-2503462
6.	Multichannel Potentiostat	Corrosion Engineering	AMETEK Instruments India Pvt. Ltd., Chennai	Dr. S. Natarajan 0431-2503327 & Dr.M.Matheswaran 0431-2503120
7.	Metallography Kit	Metallography	M/s. SR Technologies, Chennai	Dr. S. Natarajan 0431-2503327 &
8.	Olympus Microscope	Metallography	M/s. SR Technologies, Chennai	Dr.S.P.Kumaresh Babu 0431-2503462
9.	Laser Materials Processing Workstation (Installed in OJAS building)	Surface Engineering	M/s. JK Lasers, UK	Dr. S. Natarajan 0431-2503327 & Dr.M.Duraiselvam 0431-2503509

10	High Temperature Oxidation Furnaces	Corrosion Engineering	M/s. VB Ceramics Consultants, Chennai	Dr. S. Natarajan 0431-2503327 & Dr.S.P.Kumaresh Babu 0431-2503462
11	High Temperature Corrosion Furnaces	Corrosion Engineering	M/s. VB Ceramics Consultants, Chennai	Dr.S.P.Kumaresh Babu 0431-2503462
12	Coating Thickness Measurement Unit	Corrosion Engineering	Tii Technologies Pvt. Ltd, Chennai	Dr. S. Natarajan 0431-2503327 & Dr.S.P.Kumaresh Babu 0431-2503462