

Hyderabad Zone

Sl No.	Lab Name	Details of Test Facilities
1	RCI	• 4 Ton Electro Dynamic Shaker
		• 500 Kgs Shock Machine
		• Acoustic Vibration Facility
		• Centrifuge Test Facility
		• Combined Altitude Temperature Humidity chamber
		• Combined Vibration & Climatic Chamber
		• Electro dynamic vibration test facility (16 ton)
		• Electro dynamic vibration test facility (7 ton)
		• EMI-EMC & EMP Measurement & Compatibility
		• Establishment of Radar Seeker Test and Evaluation Facility
		• Free Fall Drop test facility
		• High Altitude Chamber
		• Icing / Rain Chamber
		• Kinetic Heating Test Facility
		• Pendulum Shock Machine
		• Rapid Temperature Cycling
		• RCS Measurement Technology
		• Salt Spray Chamber
		• Thermal Shock Chamber
		• Transportation Test Rig
		• Walk-In-Chambers
2	DLRL	• Altitude Low & High Temperature Chamber
		• Automated Emi Susceptibility Measurement System
		• Automated Emission Data Collection and Measurement System
		• Automated Radiated Susceptibility Test System
		• Bump Test Machine
		• Combined Altitude Temperature Humidity Chamber
		• DUST Chamber
		• Electro-Static Discharge Test, 25 KV
		• ESS Chamber
		• Low, High Temperature & Humidity Chamber
		• Low and High Temperature Chamber
		• Modulation domain Analyzer set-up
		• Noise Figure Analyzer set-up
		• Rain Chamber
		• Scalar Network Analyzer set-up

		<ul style="list-style-type: none"> • Thermal Shock Chamber • Transit Drop Test Machine • Vector Network Analyzer set-up • Vibration- Shock Test System • Vibration Test System
3	DMRL	<ul style="list-style-type: none"> • Atomic Absorption Spectrometer (AAS) • Creep and Stress rupture testing Facility (15 test rigs) • Fatigue and Fracture Mechanics Testing Lab • Fatigue testing facility • Gleeble 3800 Thermo-Mechanical Simulator • Glow Discharge-Optical Emission Spectrometer (GD-OES) • High Resolution - Inductively Coupled Plasma-Mass Spectrometer (HR-ICP-MS) • Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) • Instrumented/Non instrumented Impact Testing Machine • Leco Carbon & Sulphur Analyser • Leco Hydrogen Analyser • Leco Oxygen & Nitrogen Analyser • Micro tensile testing facility • Nano Indentation test facility • Slow Strain Rate Stress Corrosion Test System • Stress Corrosion Cracking Test Facilities (12 test rigs) • Tensile Testing Lab
4	ITR	<ul style="list-style-type: none"> • Electro Optical Tracking System • Radar System • Telemetry System
5	PXE	<ul style="list-style-type: none"> • Agilent Mixed Signal Oscilloscope cum spectrum analyzer • Agilent RF Signal Generator • BAL 607D Muzzle flash Pick up • Canon Digital Eos 5d Camera • CCTV system of FP-II and Chetak • CPG (Current Pulse Generator) • DeltaPix Scientific Camera for macro photography • Environmental Test Facilities • GRAW Upper Air Sounding System sounding • IPG Internal Piezo Gauze • Optical Detector(Skyscreen) Type 858

		<ul style="list-style-type: none"> • PCO 2000 High Speed Digital Camera • Photron Fastcam SA5-RV (High Speed Digital Camera) • Programmable Function Generator Agilent 33500B • Prosilica GX 6600 MC vision camera. • Sensicam High Speed Digital Camera • Sensor Instrumentation Support • SIM (High Speed digital framing camera) • SIR High Speed Digital Camera • Sony DSR-370P camera. • Sony DSR-PD150P camera. • UT NDT (Epoch -600) • VADR Velocity Analysing Doppler Radar • Vaisala DigiCORA III Sounding System • Weinberger Speed Cam Visario
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