

Hyderabad Zone

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

		(xvi) Thermal Shock Chamber
		(xvii) Transit Drop Test Machine
		(xviii) Vector Network Analyzer set-up
		(xix) Vibration- Shock Test System
		(xx) Vibration Test System
3	DMRL	(i) Atomic Absorption Spectrometer (AAS)
		(ii) Creep and Stress rupture testing Facility (15 test rigs)
		(iii) Fatigue and Fracture Mechanics Testing Lab
		(iv) Fatigue testing facility
		(v) Gleeble 3800 Thermo-Mechanical Simulator
		(vi) Glow Discharge-Optical Emission Spectrometer (GD-OES)
		(vii) High Resolution - Inductively Coupled Plasma-Mass Spectrometer (HR-ICP-MS)
		(viii) Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES)
		(ix) Instrumented/Non instrumented Impact Testing Machine
		(x) Leco Carbon & Sulphur Analyser
		(xi) Leco Hydrogen Analyser
		(xii) Leco Oxygen & Nitrogen Analyser
		(xiii) Micro tensile testing facility
		(xiv) Nano Indentation test facility
		(xv) Slow Strain Rate Stress Corrosion Test System
		(xvi) Stress Corrosion Cracking Test Facilities (12 test rigs)
		(xvii) Tensile Testing Lab
4	ITR	(i) Electro Optical Tracking System
		(ii) Radar System
		(iii) Telemetry System
5	PXE	(i) Agilent Mixed Signal Oscilloscope cum spectrum analyzer
		(ii) Agilent RF Signal Generator
		(iii) BAL 607D Muzzle flash Pick up
		(iv) Canon Digital Eos 5d Camera
		(v) CCTV system of FP-II and Chetak
		(vi) CPG (Current Pulse Generator)
		(vii) DeltaPix Scientific Camera for macro photography
		(viii) Environmental Test Facilities
		(ix) GRAW Upper Air Sounding System sounding
		(x) IPG Internal Piezo Gauze
		(xi) Optical Detector(Skyscreen) Type 858

	(xii) PCO 2000 High Speed Digital Camera
	(xiii) Photron Fastcam SA5-RV (High Speed Digital Camera)
	(xiv) Programmable Function Generator Agilent 33500B
	(xv) Prosilica GX 6600 MC vision camera.
	(xvi) Sensicam High Speed Digital Camera
	(xvii) Sensor Instrumentation Support
	(xviii) SIM (High Speed digital framing camera)
	(xix) SIR High Speed Digital Camera
	(xx) Sony DSR-370P camera.
	(xxi) Sony DSR-PD150P camera.
	(xxii) UT NDT (Epoch -600)
	(xxiii) VADR Velocity Analysing Doppler Radar
	(xxiv) Vaisala DigiCORA III Sounding System
	(xxv) Weinberger Speed Cam Visario