

**Testing Facilities at Defence Materials and Stores Research & Development
Establishment (DMSRDE) / Defence Technology and Test Centre (DTTC)**

Category	Item
Simulation	SOLIDWORKS SIMULATION MODELLING & TRAINING
	SOLIDWORKS PREMIUM
	ANSYS GRANTA
	ANSYS LS DYNA WITH 16 CORES ALONG WITH ANSYS DISCOVERY
	ANSYS MECHANICAL CFD ENTERPRISES
	ANSYS HPC 2 PACK
	ABAQUS
	CATIA
	ADAMS
	SIMUFACT
	CRADLE
	ALTUIM
	ANSYS ELECTRONICS ENTERPRISES
	KEIL
	COMSOL MULTIPHYSICS
	DIGIMAT
	ADS
	MATLAB
	MULTISCALE SIM
XILINX VIVADO DESIGN SUITE	
Computing	SERVERS HPC
	Workstations / Desktop Computers
Testing	Field Emission Scanning Electron Microscope (FESEM)
	X-Ray Diffraction (XRD)
	Fourier Transform Infrared Spectrophotometer (FTIR)
	Modular Differential Scanning Calorimetry (MDSC)
	Universal Test Machine (UTM)
	Thermogravimetric Analyser
	Diffusion Test Apparatus
	Hydrostatic Head Tester
	Martindale Abrasion & Pilling Tester

	BWR Apparatus
	Bursting Strength Tester
	Weathering Simulator
	Textile Tensile Testing Machine
	Rheometer
	Data Logger
	BET Surface Area
	Differential Scanning Calorimetry
	UV-VIS-NIR Spectrophotometer
	Gas Chromatograph (GC)
	Particle Size Analyser
	Drop Weight Impact Tester
	Barcol Hardness Tester
	Shore C Hardness Tester
	Dynamic Mechanical Analyser
	Micro Cum Macro Vickers Hardness Tester
	Ultrasonic Thickness Gauge
	Ultrasonic Flaw Detector
	CNC 5 Axis Simulator
	Hand Held 3D Scanner
Manufacturing	Desktop Autoclave
	PCB Making Machine
	CNC Lathe Machine
	Vertical Band Saw Machine
	Horizontal Surface Grinder
	CNC Milling Machine
	Laser Cutting Machine
	Compression Moulding Press
	Bench Top Ball Mill Machine
	Waterjet Cutting Machine
	3D Printing Machine
	Composite Cutting Machine
	Rotary Saw
	Power Hack Saw
	Fusion Deposition Moulding (FDM) Rapid Prototyping Machine