

## EMC Lab-VRDE

NATRiP has established EMC lab at VRDE under up-gradation programme of existing facilities at NCAT (National Centre for Automotive Testing). VRDE is prominent homologation and R&D organisation under DRDO (Defence Research and Development Organisation). The details of EMC Lab at **NCAT-Ahmednagar** are tabulated below :

### EMC Capabilities At NCAT-VRDE

Components	Technical Specifications NCAT EMC-Lab
<b>VSAC for trucks</b>	
Anechoic chamber	32x18x8m
Main Turntable	8m diameter, 10 tons
Integrated Chassis Dyno	4x4 up to LCV, 120km/h
Second turntable	for components
<b>Equipment</b>	
EMI: Emissions	9kHz - 18GHz
EMS: Immunity	150V/m
Control Room	shielded
Amplifiers	10kW
<b>SAC for components</b>	
Anechoic chamber	8x5x3m
Turntable	under discussion
<b>Equipment &amp; Their Use</b>	
EMI: Emissions	R&D
EMS: Immunity	R&D
Control Room	shared
Amplifiers	shared
EMS: Immunity	