

NVH Lab iCAT

The NVH is the facility which is used for services related to Noise, Vibration and Harshness analysis. To complete the requirement for NVH homologation & R&D for automotive industry **NATrIP is under process for establishing Noise Harshness and Vibration (NVH) lab at the iCAT-Manesar.** The facility will have following capabilities:

NVH Capabilities At iCAT

Components & Technical Specifications	
VSAC for trucks and future pass-by noise for cars expansion possibility	
VSAC	28x22x7m
Dyno	HD, 3m diameter, ready to host 4x4 car dyno
Special Utilities	60Hz cut frequency, Metallic wedges
VSAC for cars	
VSAC	16x11x5m
Dyno	4WD, 1.8m
Special Utilities	60Hz cut frequency, Metallic wedges
Coupled Reverberant Room	
VSAC	3, in L: horizontal and vertical mounting
Special Utilities	
Quiet Room	
VSAC	Flat pannel noise insulation
Special Utilities	Coupled to the "coupled reverberant room"
Transmission + Engine SAC	
Engine + 4x4 configuration	
Squeak & Rattle	
Passenger Cars 4 posters + noise isolation	
Head Acoustics	