

“Design your thoughts that give shape to a quieter
and better engineered product,
think **NV DYNAMICS**”

ABOUT US

We are a 21st Century, Engineering Digital Enterprise working with some of the most assorted clientele base whose curriculum vitae endorse what they create and whom they associate with, be it Automotive, Engineering, Structural, Transport, Process or anyone in the field of Physical design space who look for engineering innovation and refinement.

Noise & Vibration is our Business, more so is the customer deliverables, at 17 years, we are a young team in this technically critical business, but our expertise profile and customer experience makes us feel we are here around for long; be it in the sense of our involvement with customer projects or simply by the count of our variety of activity within the domain of NVH.

Teamwork works wonders, more so if the team player is your customer; how would we get so much to innovate, if these were not the challenges put to us by the customer.

To be at the edge, to be challenging and being challenged is who we are, the journey has begun.



OUR EDGE

NVH is a sub-set of the larger physics that all systems work-by, we dive-in at the design & development stage of a concept or in post-production scenario; it doesn't matter either way, we make a head-start.

We draw up a plan for our customer who can walk through the entire process of consulting; the task is defined in totality such that there are less or no ambiguity on what is the take away, 30% of all our consulting task is spent on initial discussions, documentation and defining the scope that meets the customer requirement.

We are a compact & organised team, quick and concise, our usual turn-around time to respond to customer with initial reply is under 6 hours.

Quality consulting is an integrated approach and we combine the best of class NVH tools, professionals with domain specific knowledge and to top it all, the eagerness to learn as we serve, NV Dynamics is your extended Facility.



DEFENCE



MANUFACTURING



AUTOMOBILE



INFRASTRUCTURE



METRO



ENERGY



HEALTHCARE



MARINE

ENGINEERING SERVICES



Noise and Vibration Analysis



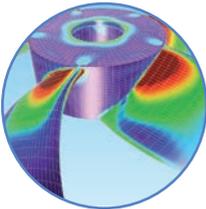
Experimental Modal Testing, Analysis & Modal Design



Octaves, Sound Power & Intensity



Order Tracking & Rotating Equipment Analysis



N&V FEA Analysis



Specialised Product Development



Metro Rail Noise & Vibration Qualification



Room & Building Acoustics



Condition Monitoring, In-situ balancing and Allied Services



Training Programs

ACTIVITY PORTFOLIO



Air Filter Modal Parameter testing on Truck vehicle



Automotive Fuel Lift pump Performance testing, Noise Source identification



Fluid coupling drive Vibration Analysis, In-situ Multi-plane Balancing



Sound Power Calculation using Engineering Method



Heavy Equipment - Test Cell Ground Vibration Evaluation & Mitigation



Hull Noise Quantification for Research Vessel



Metro Rail Structural Vibration Analysis



Modal Testing on 660 MW Generator



Suspension Performance testing



Seismic Vibration Testing of Metro Rail support column structures

RESOURCES



VIBRATION SENSORS & MORE

Uni & Triaxial Accelerometers
Shock Sensors
Force & Pressure Sensors
Strain Guaging
Displacement Sensors
Lazer Vibrometer



NOISE & ACOUSTICS

Intensity Probe
Type 1/Class 1 Microphone
Sound level meter & Analyser
Acoustic & Volume Velocity Source
Underwater Acoustic Tools & More



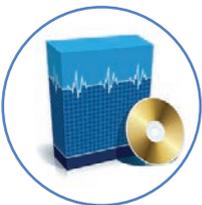
STRUCTURAL DYNAMICS

Impact Hammers
Modal Shakers
Impedence Heads



DATA ACQUISITION (4 - 32 CH)

LMS
OROS
Crystal Instruments
National Instruments.



SOLUTION PACKAGES

LMS - CADA-X, TL, Test Xpress
OROS - NVGATE
Crystal Instruments - EDM
National Instruments - Signal Xpress
SYSNoise, ODEON

TESTIMONIALS

“NV Dynamics is associated with Getzner in many vibration / noise testing and investigation projects for the railway and construction industry. Their technical competence, work methodology, discipline is of high level. Their specialisation in testing METRO rail induced vibration and noise is a niche expertise which Getzner appreciates”

Markus Heim
System Development
Getzner Werkstoffe GmbH- Buers- Austria

NV Dynamics is associated with GE in 2017 for advanced vibration testing assignments, they are a technically strong team with many in-house resources and credible knowledge base, in the recent past we were associated with them in conducting a large size Modal testing on a 660MW generator, they conducted all the tests and submitted the reports well in time

Naveen Mishra
Quality Control Manager
GE-Ahmedabad

NV Dynamics offers credible, cost effective and technically feasible solutions in Noise & Vibration domain; their services for Condition Based Machine Health Monitoring is utilised by our company and we are convinced with the technical deliverables and service quality.

Srikanth Rao Burli
Associate Director
Synergy India

“NV Dynamics is known to me and us for a long time at this facility. Known for the very good competency, exposure to various challenging projects and its experience, I suppose, NVD is one of the best available consultants around Bangalore. It is not only measurement but their good experience that makes them to offer innovative solutions for all related issues on Vibrations. I truly feel there are very apt and a potential resource for this specialized field of Vibrations / Acoustics”

Dinesh V
Head - Manufacturing Engineering Volvo Construction Equipment - India
Volvo India Private Limited

OUR CLIENTS



CIVIL - AID



दिल्ली मेट्रो रेल कॉर्पोरेशन लिमिटेड
Delhi Metro Rail Corporation Limited



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