

TECHNICAL WORKSHOP

ON

STRUCTURAL HEALTH MONITORING

AT

DEPT. CIVIL ENGINEERING

SHIV NADAR INSTITUTE OF EMINENCE (DEEMED TO BE UNIVERSITY)

BLOCK D, ROOM NO 217, GAUTAM BUDDHA NAGAR, UP-201314

10 FEB 2024, 10:15 AM (IST),

HYBRID MODE



ER. MANISH BHARTI
CEO CORTEX SOLUTIONS

LECTURE-1 PRACTICAL APPLICATION OF STRUCTURAL HEALTH MONITORING FOR REAL TIME ESTIMATION OF BRIDGE LOAD CARRYING CAPACITY FOR RAPID RAIL TRANSIT SYSTEM (RRTS)

About the Speaker: Er. Manish Bharti is founder and CEO of Cortex Construction Solutions PVT.LTD. Under his leadership Cortex solutions has developed age analysis, real time structural health monitoring, residual life assessment, conservation, restoration plan and vulnerability analysis tools and techniques for civil structures.



DR. MOHIT LAW
ASSOCIATE PROFESSOR
IIT KANPUR

LECTURE-2 MONITORING HEALTH AND STABILITY OF MACHINING PROCESSES FROM ALIASED VIBRATION SIGNALS

About the Speaker: Dr. Mohit Law is a faculty member at the Department of Mechanical Engineering, IIT Kanpur He is also presently a guest faculty at the SNU. He has studied, trained, and worked at Kanpur, Pune, Bangalore, USA, Canada, and Germany. He started his career as a cutting tool application engineer and a machine tool designer. He has received several awards for his research and teaching. He is the only Indian associate member of the CIRP – the International Academy for Production Engineering.

Moderator



PROF. SURESH BHALLA
DEPT. OF CIVIL ENGINEERING
IIT DELHI
PRESIDENT ISHMS

Coordinator



DR. SUMEDHA MOHARANA
DEPT. OF CIVIL ENGINEERING
SHIV NADAR INSTITUTE OF EMINENCE
GAUTAM BUDHA NAGAR
GC MEMBER ISHMS

Venue: Block D, Room no - 217

Shiv Nadar Institute of eminence, Gautam Buddha
Nagar, UP - 201314

Workshop Schedule

Opening/ Welcome Session: [10:15 AM - 10:30 AM](#)

Lecture 1: [10:30 AM - 11:15 AM](#)

Lecture 2: [11:15 AM - 12:00 PM](#)

QA and Discussion: [12:00PM - 12:30PM](#)

Click here to register: <http://lnkiy.in/ishms2024>

Online workshop link: <https://rb.gy/j8rmeb>