

**PRESS INFORMATION BUREAU (DEFENCE WING)
GOVERNMENT OF INDIA**

‘हर काम देश के नाम’

New Delhi, Vaisakha 07, 1945
Thursday, April 27, 2023

**Two-day National Conference on Condition Monitoring, organised by
DRDO, inaugurated in Visakhapatnam**

A two-day National Conference on Condition Monitoring (NCCM 2023) was inaugurated by Secretary, Department of Defence R&D and Chairman, Defence Research and Development Organisation (DRDO) Dr Samir V Kamat in Visakhapatnam on April 27, 2023. The conference has been organised by Naval Science and Technological Laboratory (NSTL), a premier laboratory of DRDO in association with Condition Monitoring Society of India. The objective is to bring together practitioners and experts of Condition Monitoring and spread the message of effectively implementing related practices in the industry for enhanced productivity and increased availability.

The conference is deliberating on various themes such as ‘vibration-based diagnostics’, ‘wear debris analysis’, ‘Artificial Intelligence/Machine Learning in Condition Monitoring’ and ‘Sensors and Signal Processing for Condition Monitoring’. The conference is being attended by participants from industries, academic institutes and R&D establishments across the country.

About 30 papers are being presented in the conference apart from expert invited talk by Dr Tarapada Pyne, Chief Knowledge Officer & Director, Center for Reliability and Diagnostics, Mumbai; Dr Rajiv Tiwari, Professor, IIT-Guwahati; Dr Edwin Vijay Kumar, Professor, GVP College of Engg.; Dr Rana Dutta, Consultant, CBM & TPM; Shri Ganti Subba Rao, Cat IV – Vibration Analyst and Dr Kamalkishore Uke, Sr Principal Scientist, CMERI, Durgapur.

In his address, the DRDO Chairman urged the engineers to adapt to the fast-changing technologies and build in more intelligence into the

health monitoring systems of machines and structures. He stated that Condition Monitoring is not for luxury and it's a necessity. He called upon the eminent scholars and practitioners to bring out a roadmap for evolving Conference Monitoring according to the recent technological advancements.

Shri MZ Siddique, Director General (Naval Systems & Materials) emphasised the need to reap benefits of Industry 4.0 for effective maintenance of equipment. He stated that there is a continuous scope for improvement in condition monitoring for increasing the reliability, safety, availability, and maintainability in the systems, if adequate care is taken at the design stage itself.

Rear Admiral Sanjay Sadhu, Admiral Superintendent of Naval Dockyard (V) brought out that Indian Navy adopted Condition Monitoring of shipboard assets since long time and lauded NSTL for its stellar role in achieving this.

Shri PVS Ganesh Kumar, President of Condition Monitoring Society of India explained the conference objectives and expressed hope that the deliberations in the conference would lead to fruitful suggestions for improved maintenance approaches.

ABB/Savvy