

## **National Metallurgical Laboratory to collaborate with Indian Air Force**

New Delhi, Dec 09 (India Science Wire): India Air Force (IAF) is the fourth largest air force in the world. The IAF today is in the process of a most comprehensive modernisation plan. National Metallurgical Laboratory (CSIR-NML) has come forward to extend its technical support to IAF. CSIR-NML has signed a memorandum of understanding (MoU) with the IAF in this regard. It has been stated that the MoU outlines the research and development in the field of material science and engineering.

A delegation from the Indian Air Force stressed upon the need to improve the reliability and serviceability of the legacy assets, with emphasis on material informatics, substitution, life extension and indigenisation. In a statement, the research organisation said: "Discussions were held on the areas of prime national interest in the field of materials, metals, corrosion science and other allied engineering domains with an aim to decide on aspects of collaborations between IAF and CSIR-NML."

The importance of refurbishment, reclamation, simulation of material behaviour and increasing the envelope of operations were brought out. The need for human resource development through training, workshops and knowledge were highlighted.

During the visit, the IAF team also checked out the R&D facilities of CSIR-NML. There were discussions on various issues and interactive technical presentations were made by both organisations. CSIR-NML is one of the premiere publicly funded research and development laboratories of the country in the field of metallurgy and materials exploration. (India Science Wire)

Keywords: material science and engineering, IAF, NML

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