

DEPARTMENT OF AERONAUTICAL ENGINEERING

FDP on Advanced Manufacturing Technologies

Date: 21st - 23rd July 2016

The programme was comprised of series of lectures by experts from Industry as well as different R&D Establishments in the country. On the first day, Mr. K. Balakrishnan, DGM, HAL, gave the first lecture on “Tooling for Composites”. Later a detailed talk on “Additive Manufacturing Process for Aerospace Applications” was delivered by Mr. A S Venkatesh, AGM, HAL. The proceedings of the day was concluded by Mr. V. Balakrishnan, CEO, Multi-role Transport Aircraft limited, and Former Executive Director – HAL, who delivered a talk on “Materials and Manufacturing Technologies for Gas Turbine Engines – Current and Future Prospective”.

On the second day, Mr. Rajnish Sharma, ED & CEO, United Nanotech Innovative Pvt. Ltd., delivered a talk on “Nanotechnologies and Its Applications”. The second lecture on “Advanced Manufacturing Technologies for Aerospace Industry” was delivered by Mr. K K V Barmate, Ex–GM, HAL. Later he delivered another talk on “Laser Technology and Metal Joining Process”. The last lecture for the day was delivered by Mr. Kotresh M Gaddhikeri, Senior Principal Scientist, NAL, on the topic “Manufacturing of Concurred Composite Structures”.

On the third and final day of the FDP, the first lecture was delivered by Mr. K Mohan, Lead Technical Manager, AXISCADES on “Materials Joining Process”. This was followed by Mr. Snajau H G, NoPo Technologies India Pvt. Ltd., on “Analysis of Nanomaterials”. The last talk was delivered by Mr. P K Bagchi, AXISCADES on “Composite Manufacturing technologies”.