mvj COLLEGE OF ENGINEERING
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FDP ON ADVANCED MANUFACTURING TECHNOLOGIES

The Department of Aeronautical Engineering HOD had organized a three day **Faculty development program on "Advanced Manufacturing Technologies"** on the 21st, 22nd and 23rd of July 2016

Date of the event	21st ,22nd and 23rdJuly 2016
Title of the event	Program schedule for 'FDP on advanced manufacturing technology'
Name, designation and organization of invited guest speakers/Instructors	1. Mr. K Balakrishnan DGM, HAL 2. Mr. M S Venkatesh AGM, HAL 3. Mr. V Balakrishnan CEO, Multi-role transport aircraft lim. Executive Director, HAL 4. Mr. Rajnish Sharma ED & CEO, United Nanotech Innovative 5. Mr. KKV Barmate Ex-GM, HAL 6. Mr. Kotresh M Gaddikeri Senior Principal scientist, NAL 7. Mr. K Mohan Lead technical Manager, AXISCADES 8. Mr. Sujay H G NoPo Technology 9. Mr. P K Bagchi AXISCADES
Organized by	Aeronautical Engineering

The Program was organized by Department of Aeronautical Engineering. The Program was scheduled and got approved from concerned authorities to be conducted on 21st July 2016 at Smt. RajalaksmiJayaraman Seminar hall.

The module for Program was "FDP on Advanced Manufacturing technology", which would teach and provide hand on training for the student to provide the industrial knowledge of new materials and manufacturing technology.

The following is the details of the event as it occurred for a period of 3 days

First day 21st October

- The inauguration ceremony for the event was scheduled at 10:30 A.M.
- The Session 1 of the Program started at 11:00 A.M. about "Tooling for composites" by Mr. K Balakrishnan.

  Faculties were educated about how carbon fiber and honeycomb core offer substantial weight advantages with superior strength properties
- Followed by a lecture on Additive manufacturing process for Aerospace applications by Mr. MS VENKATESH, AGM, HAL

  He educated the faculties by stating the advantages of additive manufacturing process and how the limitations of conventional manufacturing techniques are overcome by this practice
- Followed by a lecture on Materials and manufacturing technologies for gas turbine engines by Mr. V Balakrishnan, Executive director, HAL

  The guest lecturer having vast experience in government and private sector spoke on trends and policies driving the gas fired generation and analyzed wether gas has long term future
- A technical talk on Nano technologies and its applications by Mr. Rajnish Sharma, ED & CEO, Untied Nanotech Innovative Pvt Ltd

Second day 22nd October

- Lecture on Advanced manufacturing technology for aerospace industry and Laser technology by Mr. KKV Barmate, Ex-GM, HAL
- Post break a technical lecture was delivered by Mr. Kotresh M Gaddikeri on Manufacturing of Cocured Composite Structures, Senior principal scientist, NAL
- Then followed by a lecture on Metal joining process by Mr. K Mohan, Lead Technical Manager, AXISCADES

Third day 23rd October

- Morning lecture delivered by Mr. Sujay HG, NoPo Technologies India Pvt Ltd on Analysis of Nano materials

- Followed by a technical lecture on Advanced Manufacturing Process for Composites and Applications by Nr. P K Bagchi, AXISCADE

The Vote of thanks was given at 4:00 P.M. andProgram ended by 4:10 P.M.

The event was organized by following faculties:

Prof. S C Gupta
Prof. M Brindha

Signature of the Principal with Seal

Principal
MVJ College of Engineering
Bangalore - 560 067