



Bangalore Chapter

ASM International Bengaluru Chapter



IIM

The Indian Institute of Metals
Metallurgy Materials Engineering

IIM Bangalore Chapter

Cordially invite you to
ASM-IIM Technical Talk

Titled

“Aircraft Materials – An Overview”

BY

Dr. KishoraShetty

Engineering Lead – Manufacturing Technology Integration
Boeing India Pvt. Ltd

Date & Time: 17.01.2020, Friday at 3:30 pm

*Venue: Lecture Theate, 1st Floor,
Department of Materials Engineering,
Indian Institute of Science, Bangalore - 560012*

Mr. Rahul Masurekar

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Synopsys of the Talk

Title: Aircraft Materials – An overview

Abstract:

The persistent passion of the aerospace industry to boost the performance and bring down the costis constantly driving the development of improved high performance materials. Cost, performance and safety of the aircraft is influenced by the materials used in the airframe. An overview ofdifferent materials used in aircraft is presented in this talk. The basic requirements for aircraft materials, different types of materials used like Aluminum alloys, Magnesium alloys, Titaniumalloys, Steels, Non-metallic materials, Composites and Shape Memory alloys are covered. Foreach of these materials - general characteristics, alloy designations, properties, applications etc.,will be presented.

- Dr. Kishora Shetty
Boeing India Pvt. Ltd

Program Schedule:

- 3.30 – 3.33 PM: Welcome address by Mr. Babu Sathyan. V
- 3.33 – 3.35 PM: Introduction about the Speaker by Mr. Rahul Masurekar
- 3.35 – 4.25 PM: Talk by Dr. KishoraShetty
- 4:25 – 4:35 PM: Interaction
- 4.35 – 4.40 PM: Vote of Thanks - Dr. RaghavendraBhat
- 5:00 – 5.15 PM: High Tea