



# **JANSONS INSTITUTE OF TECHNOLOGY**

**(AN ISO 9001:2008 CERTIFIED INSTITUTION)**

**(Approved by AICTE, New Delhi & Affiliated to Anna University)**

**Karumathampatti, Coimbatore - 641-659**



## **DEPARTMENT OF MECHANICAL ENGINEERING**

In association with

**INDIAN INSTITUTE OF PRODUCTION ENGINEERS (IIPE)**

Cordially invites you for the Guest Lecture on

**“Emerging Trends and Future Prospects in  
Materials Science & Engineering”**

on

**22 – 08 – 2017**

### **Resource Persons**

**Dr.R.Arvind Singh**

Professor, Dept of Mechanical Engg, KCT.

And

**Dr.S.Jayalakshmi**

Professor, Dept of Aeronautical Engg, KCT.

**Time : 01.00 PM**

**Venue : LH 23**

**AGENDA**

**Date: 22 – 08 – 2017; Time: 01.00 PM**

**Invocation Song**

**Welcome Address**

**Chief Guest Introduction**

**Resource Persons Talk**

**Certificate Distribution**

**Vote of Thanks**



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## DEPARTMENT OF MECHANICAL ENGINEERING

### Report - Seminar on "Emerging Trends and Future Prospects in Materials Science & Engineering"

IIPE Student Chapter of JIT has organized a Seminar on "Emerging Trends and Future Prospects in Materials Science & Engineering" on 22<sup>nd</sup> August 2017 at LH22. Event had 65 participants (IIPE members) from third year and final years. The resource person are Dr.Arvind Singh, Professor, Dept of Mechanical Engg, KCT, Coimbatore and Dr.R.Jayalakshmi, Professor, Dept of Aeronautical Engg, KCT, Coimbatore.

Invitees provided a detailed insight on various aspects of emerging trends in materials in various industrial applications and gave a listed a few latest technologies implemented in manufacturing the materials with light-weight and improved properties when compared to the existing traditional materials and composite materials. Finally gave an final session with a applications of Bio-Memetic in materials. Materials developed based on the properties of Nature's own creatures such as plants and animals. Insisted on the importance of Mechanical Engineers in the field of Materials and Metallurgy and the wide scope of opportunities in Research and Development (R&D) and Real time applications in Industries.

At the end of the session, Prizes where distributed to the winners of Mr.Machinists event held on 05-07-2017 by the Invitees and HoD/Mech.

M. KRISHNA KUMAR.

(HOD/MECH)