



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF AEROSPACE ENGINEERING

Event No: 01

A.Y: 2017-2018

Title: Study on Future Reusable Space Transportation System

No. of Participants: 260(All Aerospace Students and Faculty members)

Event Type: Guest Lecture

Name of Resource person & Details: Prof. Yonomoto Koichi,
Professor of Space Engineering,
Departments of Mechanical and Control Engineering,
Kyushu Institute of Technology, Japan.

No. of Days Conducted and Dates: One Day – 29/03/2018

Summary of the Event: A reusable launch system is a space launch system intended to allow for recovery of all or part of the system. Reusable launch vehicle reduces the financial burden for space transportation. In their laboratory, they developed a reusable launch vehicle. Resource person explained about the Maximum altitude and range of the vehicle. His research students elaborated about the materials, control surface, Navigation system and propulsive system of two configuration.

Outcome from the Event: Student understands the concept of reusable launch vehicles, its working principal, propulsive system, navigation system and the research happening at their university.

Feedback taken from students: HoD of the department has taken the oral feedback from participants. Participants responded positively about the event and eager to participate in these type of events.

Action plan: To fulfill the requirements of participants department looking for other resource persons on this concept.



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Photo Gallery



Prof. Yonomoto Koichi interacting with Students