

## Report on lecture on - "Modern Control Systems (ECE) "

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The Department of Electronics and Communication Engineering organized an Add-on Lecture session on “Modern Control Systems” of 3 hours for 4<sup>th</sup> semester ECE students commencing from 29.05.2024 to 03.08.2024.

The objective of the Add-on lecture is to explore the subject with interaction with industry experts. These sessions will provide a platform for students to express their ideas and views. Our students will benefit from relating theoretical to practical inputs of the field. A series of such sessions provides extra enthusiasm to student to give a practical approach to their study. They provide students with alternative perspectives, opinions, and personal experiences that can reinforce the teachings of the instructor as well.

The Industry Resource Person was Mr. Bimal Raj, Project Manager, GTRE, from DRDO, Bangalore. The details of the sessions are as mentioned below:

### **DAY-1:**

**29.05.2024**

Time	Topics Covered	Participants
9:30 – 10:30	<ul style="list-style-type: none"><li>• Maths Basics for Control Systems (Laplace Transform, Z Transform)</li><li>• Introduction to Control Systems</li><li>• Stability Analysis</li></ul>	4B Students (62)



Figure 1 & 2: Mr Bimal Raj handling the session for 4B Students

**DAY-2:**

**22.06.2024**

Time	Topics Covered	Participants
10:30 – 11:30	<ul style="list-style-type: none"> <li>Maths Basics for Control Systems (Laplace Transform, Z Transform)</li> <li>Introduction to Control Systems</li> <li>Stability Analysis</li> </ul>	4A Students (63)

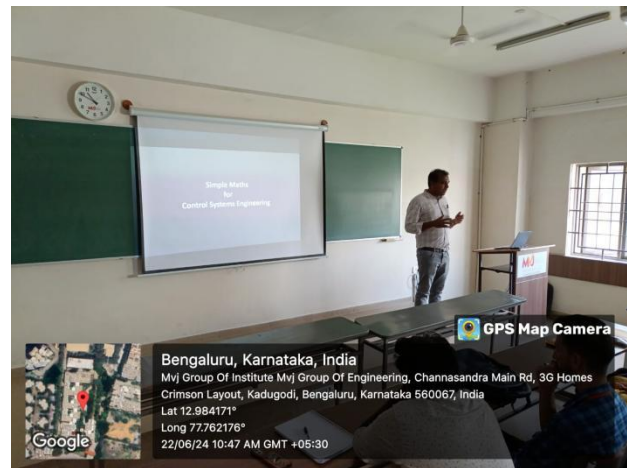


Figure 3 & 4: Mr Bimal Raj handling the session for 4A Students

**DAY-3:**

**03.08.2024**

Time	Topics Covered	Participants
11:30 – 12:30	<ul style="list-style-type: none"> <li>Maths Basics for Control Systems (Laplace Transform, Z Transform)</li> <li>Introduction to Control Systems</li> <li>Stability Analysis</li> </ul>	4C & 4 IIOT Students (60)



Figure 5 & 6: Mr Bimal Raj handling the session for 4C Students

HoD / ECE