

# Department of Electrical and Electronics Engineering

## Guest lecture

The outcome of a guest lecture for students in the Electrical and Electronics Engineering department can be quite beneficial and valuable. Here are some potential outcomes:

**Enhanced Understanding:** The guest lecture can provide students with a deeper understanding of concepts, principles, and applications. This knowledge is essential for EEE students as Electrical and Electronics plays a crucial role in modern power systems and electrical drives are utilized in various industrial applications.

**Practical Applications:** The expert can share real-world examples and case studies of operation and control in action. This exposure to practical applications can help Students Bridge the gap between theoretical knowledge and real-world implementation.

**Industry Insights:** Guest lecturers from industry bring valuable insights into the latest trends, challenges, and advancements in the field of Power Electronics, Power systems, Power Plants. Students can gain a better understanding of the industry demands and the skills required to succeed in related careers.

**Career Opportunities:** Understanding Electrical and Electronics operations and concepts open up diverse career opportunities for EEE students. The lecture may highlight potential career paths, roles, and industries where this knowledge is in high demand.

**Research and Innovation:** The lecture can inspire the students to pursue research and innovation in Electrical and Electronics. They could explore new ideas and projects to contribute to the field's development.

**Motivation and Inspiration:** Engaging guest lecturers can serve as a source of motivation and inspiration for students. It can encourage them to study harder and more passionate about their field of study. Overall, a guest lecture can enrich the learning experience of EEE students, expose them to real-world applications, and provide insights into the industry's demands. It can also inspire students to explore further, pursue careers in the field, and contribute to technological advancements.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**GUEST LECTURE**

**Topic : Power System Operation and Control**



**DATE: 04.08.2023**



**Resource Person**

**Dr.B.Karthikeyan,**  
Associate professor,  
Sri Krishna College of Engineering  
and Technology , Coimbatore.

*Time:9.30am - 11.00am*  
*Online: Zoom*  
*Participants: 4th year EEE*  
*students*

Dr.J.Nandha Gopal  
 Ms.G.Selvamathi  
 Coordinator

Dr.S.Muthukaruppasamy  
 HOD

Dr.S.Soundararajan  
 Vice Principal

Dr.N.Balaji  
 Principal

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**GUEST LECTURE**

**Topic : Power Electronics and Drives**



**DATE: 01.08.2023**

**Time: 9.30am - 12.30pm**

**Resource Person**

**Dr.U.Nagabalan,**  
Associate professor,  
R.M.D Engineering College.

*Venue: 3rd Floor EEE*  
*Department Seminar Hall*  
*Participants: 3rd year EEE*  
*students*

Dr.J.Nandha Gopal  
 Ms.M.Minusha  
 Coordinator

Dr.S.Muthukaruppasamy  
 HOD

Dr.S.Soundararajan  
 Vice Principal

Dr.N.Balaji  
 Principal



# POWER SYSTEM OPERATION AND CONTROL

Dr.B.Karthikeyan  
Associate Professor  
Sri Krishna College of Engineering and Technology  
Coimbatore.

Unmute Start Video Participants Chat Reactions Share Captions Whiteboard

## Difference Between Load Curve and Load Duration Curve

Load in MW

Load curve

Load duration curve

Unmute Start Video Participants Chat Reactions Share Captions Whiteboard

