

## **Topic1: Maxwell Equations**

**Relevant Course:** Electromagnetic Fields

**Relevant Department:** ECE, EEE, EP (Engineering Physics) should have completed basic Physics Course

**Relevant Semester:** 3<sup>rd</sup> and above

### **Topic Description:**

1. Maxwell equations and their derivations with their significance in static and dynamic fields
2. Equation 1,2,3,4 &5
3. Maxwell's Equation in static and time domain form and their derivations
4. Maxwell's Equation for static and EM Fields

### **Dates for Maxwell Equation:**

- Sep 26<sup>th</sup> (2-4 PM)
- Sep 27<sup>th</sup> (2-4 PM)
- Sep 28<sup>th</sup> (2-4 PM)