

## 1. Bridge course on "Electrical Machines-I":

On 16/7/2019 Narayana engineering college, EEE Department Organized a Bridge Course on "Basics of Electro mechanics" for II EEE Students. In this they discussed about Magnetism is one of the most phenomena in the electrical field. It is the force used to produce most of the electrical power in the world. The term magnetism is derived from Magnesia, the name of a region in Asia where lodestone, a naturally magnetic iron ore, was found in ancient times. Magnetism is one of the most phenomena in the electrical field. It is the force used to produce most of the electrical power in the world. The term magnetism is derived from Magnesia, the name of a region in Asia where lodestone, a naturally magnetic iron ore, was found in ancient times. Magnetism is one of the most phenomena in the electrical field. It is the force used to produce most of the electrical power in the world. The term magnetism is derived from Magnesia, the name of a region in Asia where lodestone, a naturally magnetic iron ore, was found in ancient times.

The session is concluded with all basic topics of electrical machines regarding their syllabus.





## 2. Bridge course on "Electrical Circuits-II":

On 19/7/2019 Narayana engineering college, Nellore EEE Department Organized a Bridge Course on Electrical circuits-II for II B.Tech EEE students. The session is conducted with 80 students at Edison Auditorium. In this they discussed about basics definition and circuit elements such as Understanding of the basic elements encountered in electric networks, The fundamentals of differences between linear and non-linear circuits, The Kirchhoff's voltage and current laws and their applications to circuits, Meaning of circuit ground and the voltages referenced to ground.



### 3. Bridge course on "Network signals and systems":

On 16/7/2019 Narayana engineering college, EEE Department Organized a Bridge Course on "Fourier series and Laplace transforms" for III EEE Students. In this course they discussed about two new ways to represent certain types of functions, and these will help us solve linear time invariant (LTI) DE's with these functions as inputs. The course started with Fourier series, which are a way to write periodic functions as sums of sinusoids. From this they learned how to solve a constant coefficient linear ODE with sinusoidal input. Now using Fourier series and the superposition principle students able to solve the equations with any periodic input.





#### **4. Bridge course on "Power Electronics":**

On 22/7/2019 Narayana engineering college, EEE Department Organized a Bridge Course on "Fundamentals of power electronics" for III EEE Students. The branch of electronics, which deals with the control of power at supply frequency, is known as power electronics and it is one of the contemporary subjects of electrical engineering that has seen much advancement in recent times and has affected human life in almost all spheres. It is a hybrid of power engineering, analogue electronics, semiconductor devices and control systems.



