

## SCIENTIST OF THE MONTH:



### **NIKOLA TESLA (1856-1943):**

Was born in July of 1856, in what is now Croatia. He came to the United States in 1884 and briefly worked with Thomas Edison before the two parted ways. He sold several patent rights, including those to his alternating-current machinery, to George Westinghouse. His 1891 invention, the “Tesla Coil”, is still used in radio technology today.

After parting ways with Edison, in 1885 Tesla received funding for the Tesla Electric Light Company and was tasked by his investors to develop improved arc lighting. In 1887 by the end of the year, Tesla had successfully filed several patents for AC-based inventions. Tesla’s AC system eventually caught the attention of American engineer and business man George Westinghouse which made him to buy the patents of Tesla for \$60,000.

In 1895, Tesla designed what was among the first AC hydroelectric power plants in the United States, at Niagara Falls. The following year, it was used to power the city of Buffalo, New York, a feat that was highly publicized throughout the world. With its repeat successes and favorable press, the alternating-current system would quickly become the preeminent power system of the 20<sup>th</sup> century, and it has reminded the worldwide standard ever since.

In addition to his AC system and coil, throughout his career, Tesla discoveries include radar technology, X-ray technology, remote control and rotating magnetic field. Tesla died in New York City on January 7, 1943.

**EDITOR'S VOICE:** The population of Netizens has been increasing in a drastic number daily. The modes of transformation of internet to the consumers is also changing. One such mode of transformation is the latest providing of internet to consumers through space which was successfully launched by Facebook through an AQUILA aero plane in recent.

The AQUILA airplane is made of carbon fiber and works completely base on SOLAR ENERGY which is a latest energy source for power generation which does not have any harmful effects on environment. It use 5000 watts for its working and flies 60,000 feet above sea level and can spread the signals up to 11 miles from its surroundings and first tested in South Africa. Like Aquila companies like Microsoft and Google are under research to launch this type of technology to users to utmost level .



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### INDUSTRIAL VISIT:

- The students of second year EEE have undergone an Industrial Tour to the “**VIGNESHWARA ELECTRICALS & TRANSFORMERS**” as a part of improving the student’s Industrial knowledge to great extent.



### TECHNICAL QUIZ:

- Volta Association Of EEE Conducted A Technical Quiz To Final year Students Of EEE on 30<sup>th</sup> July 2016.



### SEMINARS:

- A “**Motivational Class for Personality Development and Goal Setting**” held on 19<sup>th</sup> July, 2016 was organized by **VOLTA ASSOCIATION** of EEE to the second year students of EEE and ECE.



- A Seminar on **Embedded systems, Robotics & Automation** by Mr. Madukar Vangari of Proflic Systems and Technologies held on 28<sup>th</sup> July, 2016 was organized by **VOLTA ASSOCIATION** of EEE to the final year students of EEE and ECE.



### UP COMING EVENTS:

- Seminar for final year EEE students is going to be conducted on 6<sup>th</sup> Aug 2016.
- Industrial visit for 3<sup>rd</sup> year EEE students is going to be arranged in the last week of Aug 2016.
- Technical quiz is going to be organized by **VOLTA ASSOCIATION**.