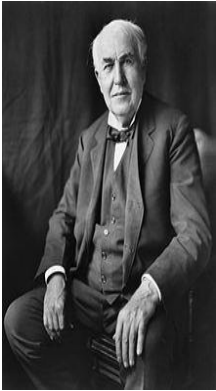


SCIENTIST OF THE MONTH:



THOMAS ALVA EDISON (1847-1931)

Was born on February 11, 1847, in Milan, Ohio, Thomas Edison rose from humble beginnings to work as an inventor of major technology. Setting up a lab in Menlo Park, some of the products he developed included the telegraph, phonograph, electric bulb, storage batteries and kinetograph (a camera for Motion pictures).

In 1870, Thomas Edison set up his first small laboratory and manufacturing Facility in Newark, New Jersey, and employed Machinists. As an independent entrepreneur, Edison formed numerous partnerships and developed his products for the highest bidder. After being granted a patent for the electric bulb in January 1880, Edison set out to develop a company that would deliver the electricity to power and light the cities of world .that same year he founded the Edison illuminating company –which later became the General Electric Corporation .He eventually became embroiled in a longstanding rivalry with Nikola Tesla, an engineer visionary with academic training who worked with Edison's company for a time, parting ways in 1885. He was granted 400 patents from 1879 to 1886. Though he changed technology forever, not all of his inventions are successful



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EDITOR'S VOICE:

Solar micro-inverter is an inverter designed to operate with a single PV module. The micro-inverter converts the direct current output from each panel in to alternating current. Its design allows parallel connection of multiple, independent units in a modular way.

Micro-inverter advantages include single panel power optimization, independent operation of each panel, plug-and play installation, improved installation and fire safety, minimized costs with system design and stock minimization.

A 2011 study at Appalachian State University reports that individual integrated inverter setup yielded about 20% more power in unshaded conditions and 27% more power in shaded conditions compared to string connected setup using one inverter. Both setups used identical s

(Mrs. RAMINENI PUNYAVATHI)
Asst. Professor



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STUDENT'S ACTIVITIES:

As a part of **KITS YUVA 2K16** A National level student's Technical meet held on 19 and 20 of February. Under the Department of Electrical and Electronics Engineering organized exciting technical events like Paper Presentation, Technical Quiz, Project Expo, Poster Presentation, Spot Events which laid a platform to the students from various colleges to make an active participation and show up their technical talents. Effort and dedication of the student volunteers have not only made the events successful but also improved their organizing skills.



PLACEMENTS:

- **9** members from Final year EEE qualified the written round in MAGNA INFOTECH

WORKSHOPS:

- **5** Students from Third Year EEE have attended a two day workshop on SOLAR TRACKING held in LBRC, Mylavaram

WORKSHOP:

PLC AND SCADA workshop:

PLC AND SCADA workshop is organized by the **VOLTA ASSOCIATION**, as a 6 day workshop from 08-02-2016 to 13-02-2016 which was conducted by the **AXIS GLOBAL INSTITUTE OF INDUSTRIAL TRAINING**, Coimbatore.

The workshop deals with solving the complex problems in industrial sector by designing them with the help of plc & scada technologies. The main feature of this session is to implement automation in industrial sector for reducing manpower & work time and safety of operation.

Three days as a session of both explanation and practice about plc and Three days as a session of modeling & designing of scada layouts for different industrial applications.

PRINCIPAL'S MESSAGE AT VALEDICTORY OF WORKSHOP:

“Workshops like this will improve the economic and time awareness of project. Students have to apply these type of software applications for real time projects” he said. And promised that “college will encourage these type of workshops which are further useful for students”, he added.

Extra circular activities:

- **Mr.T.BALARAM KRISHNA** (13JR5A0213) had won the first prize in SOLO dance competition at chalapathi fest