

Narasu's Sarathy Institute of Technology

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Salem Bengaluru Highway NH - 7, Poosaripatty, Kadayampatty Taluk, Salem - 636305.

Admin Office: 93449-72274, Admission Cell: 93449-72275,73977-56003,
admin@nsit.edu.in, www.nsit.edu.in

Department of Electrical and Electronics Engineering

Newsletter

(2018-2019)

Department of Electrical & Electronics Engineering
Event Details Academic Year
(2018 –2019)

S.NO.	DATE	TITLE
1	20190202	National Level Technical Symposium “AGNI 2019”
2	20190306	Guest Lecture on Power Energy Management in Microgrid
3	20181227	Workshop on Art of Positive Taught Creation
4	20180903	Guest Lecture on Renewable Energy Sources
5	20180811	Seminar on Power System Stability

20190202 - NATIONAL LEVEL TECHNICAL SYMPOSIUM “AGNI 2019”

To create a platform to exchange the latest technological advancement among the student community Department of EEE conducted a National level technical symposia “AGNI 2019” in NSIT campus on **2nd February 2019**. To kindle the creativity of the participants and provide them an opportunity to showcase their skills various events such as paper presentation, Video adroit, Battle of brain, Circuit amiss and Project display were conducted for students from reputed engineering colleges around Tamil nadu and the prize winners were appreciated with valuable prize and certificate.



20190306- GUEST LECTURE ON POWER ENERGY MANAGEMENT IN MICROGRID

The Department of EEE, NSIT, conducted a guest lecture on the title, POWER ENERGY MANAGEMENT IN MICROGRID on 06.03.2019. Dr.G.Balaji, Prof & Head, Faculty of Electrical and Electronics Engineering, Paavai Engineering College, Namakkal, was the chief guest. In his lecture, he spoke about the power generation using renewable and conventional energy sources. Interconnection of various energy sources such as PV Cells, wind, fossil fuels, and energy storage equipment such as battery, fuel cell were explained. He mentioned about the hierarchy of microgrid. He also explained about SCADA system concepts for microgrid. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation.



20181227-WORKSHOP ON “ART OF POSITIVE TAUGHT CREATION”

The Department of EEE, NSIT, conducted a WORKSHOP ON “ART OF POSITIVE TAUGHT CREATION”, dated 27.12.2018. The session was handled by, life skill trainer Mr. K.Karthikeyan, who discussed the significance of empowerment, dominant negative mind program and success stories of different personalities. K.Karthikeyan conducted many rapport building exercises and case studies during the session. He also shared his life time experiences in professional and personal life. He insisted the importance of Self-Empowerment. This workshop further helped the students to understand about empowering self and others. K.Karthikeyan discussed the importance of relationship, transformational change from student to adult learner and human mind programming.



20180903 - GUEST LECTURE ON RENEWABLE ENERGY SOURCES

Department of EEE organizes a Guest lecture on Renewable Energy Sources for the 3rd year students on 3.9.2018 Prof.M.Panneer Selvam, Associate Professor/EEE, Sona college of Technology,Salem was invited as the chief guest of the session. The main objective of the guest lecture is to get adequate knowledge about renewable energy sources and how to make our earth more environmental friendly. In this session he explained in detail about the entire energy source available in this world and also its usage. He also discussed about the unavailability of the non-renewable energy sources in the upcoming years. So it's better to switch form conventional sources to non-conventional energy sources. Renewable energy sources include the sun, wind, water, geothermal energy and biomass. These sources are all natural occurring elements. If these sources are utilized properly we can able to produce energy in large scale without disturbing earth's nature and not making pollution.



20180811- SEMINAR ON POWER SYSTEM STABILITY

The Department of Electrical and Electronics Engineering organized a one day seminar on the topic 'Power System Stability'. This lecture was organized on 11.08.2018. The 6th and 8th semester students and the faculty of the EEE Department attended this seminar.

The lecture was delivered by Dr. Dr.R.Shankar, Associate Professor, Kongunadu college of engineering and technology, salem. His area of expertise includes power system operation and control, power system stability, dynamics and power system protection among other things. In the course of the lecture, he explained about the basics of power system, power flow and power system stability. The idea behind arranging this session was to enlighten the students with content beyond their syllabus, in the area of power system operation and stability. The term 'Power system stability' is used to define the ability of the system to bring back its operation to steady state condition within a minimum possible time, after having undergone any transience or disturbance. From the 20th century till recent times, all major power generating station across the globe have mainly relied on AC system as the most effective and economical option, for generation and transmission of electrical power. At the end of the session the students were able to enhance their knowledge about power system and its significance. Students gained knowledge on power flow and power system stability.

