About IEI:

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of over 0.7 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 114 Centres located across the country. The Institution has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: **www.ieindia.org**

About the college:

Annamacharya Institute of Technology & Sciences (AITS) – Rajampet is a pioneering educational institution with a mission, vision and zeal to impart quality education to rural area students in the field of Technology and Science. The institute is established in 1998 with an annual intake of 180 students in 4 branches. At present the college offers B. Tech. Degree in 7 branches & M. Tech. Courses with 7 specializations. The institute offers MBA, MCA courses as well.. The institute has been accredited by NAAC and acquired Autonomous status as well as obtained 2(f) & 12B from UGC. The institute has been accredited by Institution of Engineers India (IE) and is Institutional member of ISTE. The institute is established by Annamacharya Educational Trust (AET) which has vast experience in running technical institutions at RAJAMPET, TIRUPATI, KADAPA, & HYDERABAD.

About the Seminar:

The main grid consists of wide area and microgrid cover medium area and utilizes the alternative energy resources. The Nanogrids consists of devices and used its own power system such as PV solar cell and heating system. Nanogrid most likely to be used in small local loads for rural area as they will be more economic then the normal grid power system. Nanogrids can operate independently or be connected to the mains and most likely the internal voltage can be utilized as ac or dc.

Topics to be covered*:*

- Introduction to Nano grids
- Concept of Nano Technology
- Microgird
- Cogeneration
- Energy Storage
- Issues related to the Power control
- Integration and control in Nanogrid
- Mathematical modeling of Nanogrid
- Simulink model for Nanogrid

Eligibility:

Faculty, P.G and IV B.Tech Students of Educational Institutions/ Research Scholars/ Persons working in R& D Organization, with a background of EEE, are eligible to apply.

REGISTRATION FEES:

IE I Member   :   Rs: 300/-
Non-IE I member: Rs: 400/-

Registration fee should be paid through DD in favor of "The Institution of Engineers (India), Kadapa Local Centre", payable at Kadapa.

Please note that no TA/DA will be paid for attending the Seminar.

IMPORTANT DATES:

Last date for registration**:   25th February, 2017**
Seminar dates**:   27th & 28th February, 2017**

Resource Persons:

1. **Dr. M. Surya Kalavathi**
   Professor, JNTUH, Kukatapally,
   Hyderabad

2. ***Dr, K.Vaisakh, professor & Head***
   Andhra university college of Engineering
   Andhra University
   Visakhapatnam.A.P., India

3. ***Dr.K.Sivakumar, Associate professor***
   IIT Hyderabad
   Hyderabad, T.S., India

REGISTRATION FORM

Name of the Applicant:……………………………………
(Block Letters)

Designation:………………………………………………

Gender: (M/F): ……………………………………………

Educational Qualifications:……………………………

Address for Correspondence :(Including E-mail, Fax, Cell / Landline)

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Name of the Sponsoring Institute/Organization:

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 Demand Draft Amount: Rs:

Demand Draft No:………………………………………

Bank:……………………………………………………..

Dated:………………………………........................

Signature of the Applicant with date
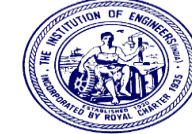

The Institution of Engineers (India)

97 years of Relentless Journey towards Engineering Advancement for Nation Building

All India Seminar on

"Nano Grids for Future Power Systems"

27th & 28th February, 2017

Organized by

The Institution of Engineers (India)
Kadapa Local Centre

Under the Aegis of
Electrical Engineering Division

In association / collaboration with

Annamacharya Educational Trust (AET)
ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
(An Autonomous Institution)
New Boyanapalli, Rajampet, Kadapa (Dt.),
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