

## OBJECTIVES OF THE SEMINAR

- To solve all the issues and create a discussion forum between experts and researcher in the area.
- To discuss in detail about the various smart grid components, their continuous development, technical challenges faced during their development, outcomes achieved.
- To find out the research scope in these areas.

## TOPICS COVER

- Introduction to Smart Grid
- Technologies and Challenges in Smart Grid
- Distributed Generation Resources
- Operation, Control and Protection of Smart Grid System
- Monitoring System
- Demand Management in Smart Grid

## REGISTERATION DETAILS

The applicants should send their registration form and DD in the specified format should reach us on or before 28.01.2019. If selected, they should confirm their participation in time through Email.

<i>The registration fee for Participants</i>	<i>Student</i>	<i>Faculty</i>
<i>IE(I) Members :</i>	<i>Rs. 200/-</i>	<i>Rs. 250/-</i>
<i>Non IE(I) Members :</i>	<i>Rs. 250/-</i>	<i>Rs. 300/-</i>

## ELIGIBILITY

Faculty and student from Engineering and Polytechnic Colleges, and participants from R&D organizations and industries may also attend this seminar.

## VENUE

EEE Seminar Hall,KSRCT.

## CHIEF PATRONS

Lion Dr. K. S. Rangasamy,Chairman, K.S.R. Group of Institutions.

Mr. R. Srinivashaan,Vice Chairman, K.S.R. Group of Institutions.

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Dr.A.Kumaravel,Principal,KSRCT.

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Er.P.Gomathi Nayagam.FIE, Honorary Secretary,IE(I).

### Members

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Dr.J.Balamurgan,FIE, Member,TNSC,IE(I).

## ORGANIZING COMMITTEE

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### Vice President

Er.P.Rajamani,Vice-President-Elect,TNSC,IE(I).

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### Co-Chairman:

Dr.R.Nallusamy,Honorary Secretary, IE(I)- Erode Local Centre, Erode.

### Members:

Dr.G.B.Mohan kumar,Member, Electrical Engineering Division, IE(I) - Erode Local Centre, Erode.

Dr.P.Sukumar, Member, Electrical Engineering Division, IE(I) - Erode Local Centre, Erode.

### Coordinators:

Dr. M.K.Elango, Professor and Head / EEE,KSRCT.

Dr.D.Sri Vidhya, ASP /EEE,KSRCT.

### Organizing Secretary:

Mrs.P.Sathiyapriya, AP / EEE,KSRCT.

## FOR REGISTRATION AND ENQUIRY

### Dr.D.Sri Vidhya

Associate Professor, Coordinator,Department of EEE  
K.S.RangasamyCollege of Technology,  
Tiruchengode-637215, Tamil Nadu  
Mobile:9952134526,7010442124

Email:[sridhy@ksrct.ac.in](mailto:sridhy@ksrct.ac.in), [sathiyapriya@ksrct.ac.in](mailto:sathiyapriya@ksrct.ac.in)

Completed Registration form and DD must be sent to the above address.

## REGISTRATION FORM

### All India Seminar

On

## Technological Progress and Challenges in Smart Grid Integration with Distributed Generation

01<sup>st</sup> – 02<sup>nd</sup> February 2019

Organized by

**The Institution of Engineers(India)**

**ERODE LOCAL CENTRE**

In Association with

**K S Rangasamy College of Technology**  
**Department of Electrical and Electronics**  
**Engineering**

1. Name : \_\_\_\_\_
2. Qualification : \_\_\_\_\_
3. Designation : \_\_\_\_\_
4. Specialization : \_\_\_\_\_
5. Organization : \_\_\_\_\_
6. Mailing Address : \_\_\_\_\_
7. Year of Experience : \_\_\_\_\_
8. Industry : \_\_\_\_\_
9. Teaching : \_\_\_\_\_
10. Address of Communication: \_\_\_\_\_
11. E-mail : \_\_\_\_\_
12. Contact No. : \_\_\_\_\_
13. Mode of Payment : \_\_\_\_\_
14. DD No : \_\_\_\_\_
15. Dated : \_\_\_\_\_
16. Bank : \_\_\_\_\_
17. Amount : \_\_\_\_\_
18. Accommodation Needed : Yes / No

I/we enclose a Demand Draft for Rs. \_\_\_\_\_ in favour of "The Institution of Engineers (India), Erode Local Centre" payable at Erode.

Date:

Signature of the Applicant

## ABOUT THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) or IE(I) is the largest multidisciplinary professional body that encompasses 15 Engineering disciplines and gives engineers a global platform from which to share professional interest. IE(I) has membership strength of more than 0.8 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata- 700020, IE(I) 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, IE(I) 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. IE(I) 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 122 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. IE(I) 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 visit : [www.ieindia.org](http://www.ieindia.org).

### ABOUT THE ERODE LOCAL CENTRE [ IE(I)-ELC ]

The Erode local Centre has been one of the active centres of IE(I) which is engaged in successfully translating the objectives and ethics of IE(I) into practices. The centre was established in the year 2015. For more information, Please contact IE(I) Erode Local Centre, Texvalley Campus, Gangapuram, Erode-638102, Mobile No : 93644-51464 email ID: [ieierode2015@gmail.com](mailto:ieierode2015@gmail.com) [erodelc@ieindia.org](mailto:erodelc@ieindia.org).

## ABOUT THE COLLEGE

K. S. Rangasamy College of Technology was established in the year 1994 by Philanthropist Lion. Dr. K. S. Rangasamy MJF, with the noble aim of imparting growth by revamping and sharpening the technical knowledge, attitude and abilities of the students. The institute offers 13 Under Graduate and 11 Post Graduate courses in addition to research programmes in different Science, Engineering, Technology and Management disciplines. The college is functioning in a vast area and is located about 12 Km from Erode and about 8 Km from Tiruchengode on the Erode-Tiruchengode state highway. The college excels in academic performance by producing University ranks and maintains a good record in placement. MoU with leading research institutes / industries, well established laboratories, digital libraries and ISO 9001-2000 certification are the salient features of this institution. All the eligible UG, PG M.E. (PSE, CSE, and AE) and MBA programmes are accredited by NBA Tier I.

## ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was started in the year 1994 to render services to the student community to meet the growing global challenges. The Department offers courses in B.E. (Electrical and Electronics Engineering), since 1994 with current intake of 120 and M.E (Power system Engineering), since 2009 with intake of 18. The salient features of the department are:

- Number of Publications: 253; Scopus H-index: 09; Google H-index: 14; i10-index: 23
- Two R&D works have been completed by the faculty members with a fund of Rs. 2.74 Lakhs from AICTE under CAYT scheme.
- Two MODROB projects from AICTE have been completed with a fund of Rs. 18.7 Lakhs.
- Energy audit works are undertaken with available specialized equipment: Power Quality Analyzers, Thermal Analyzers, etc
- Industry-Institute Interaction for projects, internships, placement and training and consultancy services.
- 122 students completed the Project Internship for last 5 years.

## The Institution of Engineers (India)

### AN ISO- 9001-2008 CERTIFIED ORGANISATION

(Established in 1920, incorporated by Royal Charter 1935)

98 Years of Relentless Journey Towards  
Engineering Advancement for Nation Building

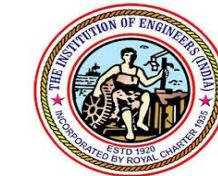
All India Seminar

On

## Technological Progress and Challenges in Smart Grid Integration with Distributed Generation

FEBRUARY 1<sup>ST</sup> AND 2<sup>ND</sup> 2019  
ORGANIZED BY

## The Institution of Engineers (India) ERODE LOCAL CENTRE



Under the aegis of  
Electrical Engineering Division of IE(I)

In Association  
With  
Department of Electrical and Electronics  
Engineering



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