

Institution of Engineers (India)

KANYAKUMARI LOCAL CENTRE

கன்னியாகுமரி உள்ளூர் மையம்



KKLC NEWS

CONNECT KANYAKUMARI ENGINEERS

2015 TOWARDS CENTENARY 2020

Er.V.SIVATHANU PILLAI F.I.E.

HON.SECRETARY

Er.G.SIVASUBRAMANIAM F.I.E.

CHAIRMAN

Year : 2018

No: 5

JULY -AUGUST 2018

FROM CHAIRMAN'S DESK

GREETINGS TO THE NEWLY ELECTED



Dear Engineers,

Greetings to all the Members. Our centre is acting briskly. Annual General Body Meeting of the centre will be held during the month of October 2018. A new team of office bearers will be elected for the sessions 2018-19 and 2019-20. All the members are requested to kindly attend the meeting positively. For the coming two sessions, Er.V.Sivathanupillai has been unanimously elected as Chairman and Er.V.Muthum Perumal unanimously elected as Hon.Secretary. My congratulation to them. I am sure that our centre will flourish more during their tenure.

The Institution of Engineers (India) has charted a programme in co-ordination with Tata Consultancy for the students of all Engineering College in the country. The objectives of the programme called "Ideathon" is to enrich the students with latest technological advancement. The programme will greatly enhance the career capabilities of the students. I hope all the students participate in the programme to enrich their knowledge and skill.

I am glad to inform that our centre has furnished the Audited Financial Report for the year 2017-18 in time. We are one among the first few to submit the report within stipulated time.

I once again request all the members to actively participated in the centre's activities.

With Warm Regards

Er.G.SIVASUBRAMANIAM F.I.E.

CHAIRMAN

**OUR
WARM GREETINGS**

To the Newly Elected CHAIRMAN and HON.SECRETARY

By

CHAIRMAN,HON.SECRETARY AND COMMITTEE MEMBERS

Kanyakumari Local Centre

CHAIRMAN ELECTED FOR 2018-2020



Er.V.SIVATHANU PILLAI,B.E.,F.I.E.,(EL)

F-123262-9

9443127583

HON.SECRETARY ELECTED FOR 2018-2020



Er.V.MUTHUM PERUMAL,B.E.,M.B.A.,M.I.E.,(EL)

M-141431-8

9443262074

Benefits of Corporate Membership (AM / M / F/ C.Eng) Of The Institution of Engineers (India)

1 . Corporate Members are entitled to receive Chartered Engineer certificate on payment of requisite fee.

Practice of Engineering Profession

A Corporate Member who has obtained **Chartered Engineer's Certificate** from IEI possesses the platform to practice as self-employed consultant in Engineering Profession in India and abroad. This certification provides value addition during the empanelment as Valuer, Loss Assessor with Various Government bodies and Financial Institutions. Corporate Members are entitled to receive Chartered Engineer Certificate on payment of requisite fee.

2 . Corporate Members are eligible for exemption from appearing in Section A and may appear directly in Section B in additional branch examination of IEI.

3 . IEI has forged partnership with the globally renowned journal publishing house: SPRINGER. Corporate Members are entitled to enjoy following benefits regarding IEI journals:-

- i) Make free e-access by logging in through www.ieindia.org.
- ii) Can avail the journal hard copies at a concessional rate.

4 . Corporate members may access the IEI Library (Engineering Information service Centre) at the headquarters as well as State and Local Centre's of IEI.

5 . Corporate Members are entitled to receive the monthly tabloid 'IEI NEWS' and yearly publication 'TECHNORAMA' free of cost.

6 . Opportunity to participate in technical events e.g. Seminars, symposia, Conventions, Workshops etc. organized by various IEI centre's at State, National and International levels at a concessional rate of 20%.

7 . Corporate Members may be empanelled as internal project guide in Section B examination conducted by IEI, as per norms.

8 .Corporate Members may avail the opportunity of staying in the IEI Guest houses, spread over all important locations in India. A list of all the Guest houses is available at IEI website (www.ieindia.org).

9. Corporate Members employed in Educational Institutes are normally given preference in the disbursement of grant-in-aid for R&D activities.

10 .Corporate Members may participate / contest in IEI elections as per Bye-Laws of the Institution.

Registration as Professional Engineers

Professional Engineer Certification enhances the knowledge, skill and competency of engineering professionals and also elevates their career by making them a member of an elite group of engineers. The rise in demand of competent engineers in the country necessitates the importance of Professional Engineers for certifying the engineering plans, drawings etc. for any public works of the government departments.

THE INSTITUTION OF ENGINEERS (INDIA) CENTENARY



The Institution of Engineers (India) is reaching its centenary in 2020. It was organized in 1920 at Chennai and subsequently approved by Royal Charter in 1935. The Centenary is going to be celebrated by our Head Quarters, by State Centre and Local Centre in a grand manner. Let us ready to celebrate.

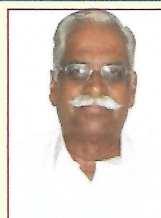
OUR HEARTFUL GREETINGS TO THE Elected Chairman Er.S.Rajagopal FIE

and
Elected Hon.Secretary Er.R.Narayanaswamy MIE
for the Session 2018-2020
of

MADURAI LOCAL CENTRE

Chairman Elect 2018-20

Hon. Secretary Elect 2018-20



Mr.S.Rajagopal, FIE., (CH)



Mr.R.Narayana Samy, MIE., (ET)

Er.G.Sivasubramanian FIE
Chairman

Er.V.Sivathanupillai FIE
Hon.Secretary

AND
The Committee Members
Kanyakumari Local Centre

*Please Avoid Plastics
And
Save the Environment*

ROYAL CHARTER DAY
09-09-2018
KKLC OFFICE HALL,VADASERY

ENGINEERS DAY
15-09-2018
Madaththammai Mandapam, Vadasery

The Institution of Engineers (India)

Kanyakumari Local Centre

No.18/23, Vanchi Aathithan New Street, Vadasery, Nagercoil – 629 001

Election for Committee Members for the Session 2018-2020

As per the Bye-Laws of the Institution of Engineers (India), since the total number of Members in Kanyakumari Local Centre is less than 500, as on 31st March 2018, the election for the Committee members for Kanyakumari Local Centre for the Session 2018-2020 is going to be conducted in the Annual General Meeting to be held in October 2018.

The number of Members to be elected from various Divisions are furnished below.

Division	No	Division	No	Division	No	Division	No
Agriculture	1	Aerospace	1	Chemical	1	Computer	1
Civil	3	Electrical	2	Environment	1	Electronics & Telecommunication	2
Mechanical	2	Material Management	1	Production	1	Textile	1

Total – 17

As per the Bye-Laws, a Member, willing to contest for the Committee Member should remit a non refundable EMD of Rs.3000/- by Demand Draft in favor of “The Institution of Engineers (India), Kolkata” on the day of Election.

The Election will be conducted by the Chairman, Kanyakumari Local Centre. The voting will be, by raising the hands of the Members, present in the Annual General Meeting.

For contesting the election, **physical presence** of the Member is a must, in the Annual General Meeting.

Those who are willing to contest for the Committee Member, in the above conditions, may inform their names by mail / post to the Chairman, Kanyakumari Local Centre

ieikklcngl15@yahoo.com; minsiva@yahoo.com;
9443127583, 9487369474

Er.G.Sivasubramanian FIE
Chairman
Kanyakumari Local Centre

NEWS BIT

Red Hat has established a partnership with more than 100 colleges and Universities all over the world to provide enhanced training in open source. Red Hat will provide certifications in latest technologies like Dev OPS, Cloud IT Automation etc.

Red Hat Academy's core curriculum comprises System Administration and System Engineering on Red Hat Enterprise Linux. For Cloud IT Automation the curriculum includes Red Hat open stack and technical training to faculty member.

Courtesy Open Source February 2018

MACHINE LEARNING

Machine Learning (ML) is going to rule most industries and organization ranging from Small scale industries to Large Enterprises in the coming years. Odobot and Axcensa Learning Systems are two prominent system which enables Machine Learning.

The Axcensa Learning System performs the activities of a Data Analyst. The system translate data in the form of numbers into plain text. This is then displayed through odobot inter face. The data collected from the business is collected by Axcensa Learning System and processed. The text enables the Odobot to make prediction. The application will be very much useful to Small and Medium Enterprises (SMES)

Courtesy Open Source February 2018

EDGE COMPUTING

Edge Computing Architecture enable IOT system to optimize their functions and capabilities. IOT system can generate limited data within a second depending upon the various IOT systems assembled under the system. This volume of data consumes most network bandwidth. The Edge Computing aggregate and digitizing the data at the periphery of the system and communicate the digitized data to the backend systems. The advantage of this architecture is, improvement in action time, reduce response time and optimum use of network resources

Courtesy Open Source February 2018

Royal charter

From Wikipedia, the free encyclopedia

For the ship of the same name, see Royal Charter (ship).

A **royal charter** is a formal document issued by a monarch as letters patent, granting a right or power to an individual or a body corporate. They were, and are still, used to establish significant organisations such as cities (with municipal charters) or universities and learned societies. Charters should be distinguished from warrants and letters of appointment, as they have perpetual effect. Typically, a Royal Charter is produced as a high-quality work of calligraphy on vellum. The British monarchy has issued over 980 royal charters.^[1] Of these about 750 remain in existence. The earliest was to the town of Tain in 1066, making it the oldest Royal Burgh in Scotland, followed by the University of Cambridge in 1231. Charters continue to be issued by the British Crown, a recent example being that awarded to The Chartered Institute of Ergonomics and Human Factors, in 2014.

Charters have been used in Europe since medieval times to create cities (that is, localities with recognised legal rights and privileges). The date that such a charter is granted is considered to be when a city is 'founded', regardless of when the locality originally began to be settled (which is often impossible to determine).

At one time, a royal charter was the sole means by which an incorporated body could be formed, but other means (such as the registration process for limited companies) are generally used nowadays instead.

Among the past and present groups formed by royal charter are the Company of Merchants of the Staple of England (13th Century), the British East India Company (1600), the Hudson's Bay Company, Standard Chartered, the Peninsular and Oriental Steam Navigation Company (P&O), the British South Africa Company, and some of the former British colonies on the North American mainland, City livery companies, the Bank of England and the British Broadcasting Corporation (BBC).^[2]



Charter granted by King George IV in 1827, establishing King's College, Toronto, now the University of Toronto



Coloured engraving by H. D. Smith, commemorating the grant of a charter to King's College London in 1829

ROYAL CHARTER

At the Court at Buckingham Palace

The 13th day of August, 1935

PRESENT,

THE KING'S MOST EXCELLENT MAJESTY IN COUNCIL

WHEREAS there was this day read at the Board a Report of a Committee of the Lords of His Majesty's Most Honourable Privy Council, dated the 1st day of August, 1935, in the words following, viz:- "YOUR MAJESTY having been pleased, by Your Order of the 21st day of February, 1935, to refer unto this Committee the humble Petition of Sir Thomas Guthrie Russell, President of the Institution of Engineers (India) and others praying for the grant of a Charter of Incorporation to the said Institution: "THE LORDS OF THE COMMITTEE, in obedience to Your Majesty's said Order of Reference, have taken the said Petition into consideration, and do this day agree humbly to report, as their opinion, to Your Majesty, that a Charter may be granted by Your Majesty in terms of the Draft hereunto annexed." HIS MAJESTY, having taken into consideration the said Report, and the Draft Charter accompanying it, was pleased, by and with the advice of His Privy Council, to approve thereof, and to order, as it is hereby ordered, that the Most Honourable the Marquess of Zetland, one of His Majesty's Principal Secretaries of State, do cause a Warrant to be prepared for His Majesty's Royal Signature, for passing under the Great Seal a Charter in conformity with the said Draft, which is hereunto annexed.

ECE Leadbitter

KUDANKULAM NUCLEAR POWER PROJECT VISIT
BY KKLC COMMITTEE MEMBERS ON
29-08-2018

GUEST LECTURE ON ATOMIC POWER AND SAFETY
MEASURES
AT ST. XAVIERS CATHOLIC COLLEGE OF ENGINEERING
ON 21-08-2018