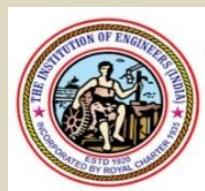


# THE INSTITUTION OF ENGINEERS (INDIA)

AN ISO 9001:2008 CERTIFIED ORGANIZATION  
(Established in 1920, incorporated by Royal Charter 1935)

## KANCHEPURAM LOCAL CENTRE

100 Years of Relentless Journey towards Engineering  
Advancement for Nation



## ANNUAL REPORT 2020-2021





## The Institution of Engineers (India)

AN ISO 9001:2008 CERTIFIED ORGANIZATION  
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### KANCHEPURAM LOCAL CENTRE

Agni college of Technology Campus, OMR, Thalambur, Chennai-600130  
Cell: 9677053338(Chairman), 9444050687(Honorary Secretary)

Email-id: [kanchepuramlc@ieindia.org](mailto:kanchepuramlc@ieindia.org)

Website: [www.ieindiaklc.org](http://www.ieindiaklc.org)

The kanchipuram Local Centre has Delight in presenting this Annual Report of our Activities for the year of 2020 – 2021 and we wish to take this opportunity to thank all those who aided the Centre in manipulating its functions.

# Annual Report 2020 – 2021

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## KANCHEPURAM LOCAL CENTRE

### Annual Report 2019-20

# The Institution of Engineers (India)



The Institution of Engineers (India) came into existence in 1920 and was granted the Royal Charter in 1935. It has an avowed objective of promoting and advancing the art, Science and practice of engineering in India.

The Institution is today the largest professional society of engineers in India having membership of over 8, 00,000 personnel of various disciplines, playing critically important roles in building up the qualitative and quantitative strength of professional manpower, through its 120 centres spread throughout India and six Chapters abroad. It has under its umbrella 15 divisions each looking the activities of a particular engineering discipline. Each division besides other technical activities holds its National Convention every year to Disseminate engineering advances in that discipline and to facilitate wider interaction amongst its members.

It provides opportunity to those who aspire to pursue a career in engineering (but are unable to pursue education in regular professional Institutions and universities) by conducting examinations in two sessions biannually at many centers in the country. The aspirants can pursue studies independently at home even while working. Qualifying in the Institutions Examination is recognized as equivalent to a degree in engineering by governments, public service commissions and public and private sector organizations. Some universities have also recognized it for admission to post – graduate level studies. Thus, the Institution is effectively functioning as an open technical university in the country.

It sets standards for engineering qualifications and training schemes and maintains active collaboration with educational planning and re-orientation programme of the Central and State Governments.

It has established an Engineering Staff College at Hyderabad (Andhra – Pradesh) to act as a model center for developing continuing education courses through professional – Oriented programme.

It has established specialized inter-disciplinary forums each concentrating on a particular field such as the National Design and Research Forum to encourage research activities; the Rural Development Forum for identifying the needs and solutions to rural problems and the Water Management Forum for encouraging the study of conservation and equitable distribution of scarce water resources.

IEI also observes September 15 of each year as 'Engineers' day" in memory of the Country's Engineering Statesman, Bharat Ratna Dr. Sir M. Visvesvaraya. On this day a common theme of engineering having nationwide interest is chosen and discussed at all the Centres of the Institution and recommendations evolved are communicated to governments, industry and other sectors for their benefit.

It is a member of several international bodies and has bilateral technical cooperation agreements with 13 professional societies abroad and some more are in the offing

It actively participates in International Conference abroad and with a view to providing facilities for larger participation of Indian Engineers and close interaction with foreign experts and regularly holds International conferences in India. It organizes once in a year the Indian Engineering Congress in different parts of India which apart, from facilitating members and non-members of all disciplines to interact with each other provides opportunity to participate in National Seminar and listen to memorial lectures of high philosophical and technical content delivered by experts. Eminent engineering personalities are also honored and glimpses of their life and achievements are presented to the participants. It has plans for establishing an Institute of Distant Learning, as well as a network of open learning centers at different places all over the country. To all the Committee Members Kanchipuram Local Centre



## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

## About the Kanchipuram Local Centre

With the growing technology, we can see that there is a very demand for good, efficient engineers. Kanchipuram, being a district, which lies in a close proximity to the state capital, Chennai, has been a regular supplier of engineers to it. Chennai, the hub of industrial sector, has always attracted engineers on a large scale from all over India. Keeping this in mind, Dr.L.V. MuralikrishnanReddy,FIE, FIET (UK), National President, The Institution of Engineers along with Mr.R.N.Jayaprakas, Managing Trustee, Agni College of Technology, and Er. T.M Gun raja FIE, President, Dr. D. Elango, Hon. Secretary – IEI (I) KLC Kanchipuram District Centre and Dr. K. Palanikumar, Chairman, IEI-KLC, Kanchipuram District Centre, came forward to inaugurate the Kanchipuram District Centre of IEI on 15 December, 2015. Subsequently Kanchipuram District Centre has been renewal as Kanchipuram Local Centre on 18 December, 2016.



## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

### *Chairman's Message*



Dr. K. Palani Kumar M.E., Ph.D., F.I.E

Professor & Principal,

Sri SaiRam Institute of Technology

Affiliated to Anna University, Chennai

West Tambaram,

Chennai - 600044

I would like to pen down my sincere gratitude for electing me as the Chairman of Kanchipuram Local Centre for the year 2020-21. At this point of time, I assure that, I will tirelessly strive for betterment and excellence of IEI Chapter membership activities in the coming years. Since, Engineering and Technology has become an indispensable one, I will take utmost actions to build this society as a high caliber engineering society in the fourth coming years. On behalf of all of you, I applaud and appreciate the sincere growth of IEI KLC activities for the past few years. I also commemorate the untiring efforts of the coordinators and supporting team for organizing workshops, seminars, talks and other events.

*"The essence of all beautiful art, all great art, is gratitude."*

- *FredrichNietzsche*

As per the quotes, once again I express my gratitude for giving me this great opportunity and I wish you all to achieve great success in the future.



## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

### *Message from Hon. Secretary*



**Dr. D Elango F-117783-0  
Prof & Head of CIVIL Engineering  
SRM Valliammai Engineering College**

My sincere thanks for electing as Honorary Secretary of Kanchipuram Local Centre for the year 2018-21. I will for sure work for increasing the membership and activities of the Centre. Kanchipuram Local Centre will take utmost measures to ensure that engineering & technology are promoted among all its members and the engineering society. My congratulations to all the coordinators and supporting team for organizing workshops, seminars, Special lectures in various discipline. I wish the volume of activities should increase in the near future. Wish this newsletter will definitely be an inspiration and motivation for the engineers to perform better and add on the contributions in the forthcoming issues.

**Dr. D Elango  
Honorary Secretary  
Kanchipuram Local Centre**



## COMMITTEE 2020– 2021

KANCHEPURAM LOCAL CENTRE

Annual Report 2020-21

**The Institution of Engineers (India)**

**Kanchipuram Local Centre**

**COMMITTEE 2020 – 2021**

**Chairman:**



**Dr. K. Palanikumar, F-116936-6**  
Professor and Principal,  
Sri Sai Ram Institute of Technology  
9677053338  
[palanikumar\\_k@yahoo.com](mailto:palanikumar_k@yahoo.com)

**Honorary Secretary**



**Mr. Elango F-117783-0**  
Prof & Head of CIVIL Engineering  
Vallimmai college of Engineering  
[gangaduraielango@gmail.com](mailto:gangaduraielango@gmail.com)  
9444050687



## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

#### COMMITTEE MEMBERS:

##### CHEMICAL ENGINEERING DIVISION (CH)



**Dr. M. Srividiya M-162320-0**  
Associate Prof & Head of Chemical Department  
Agni College of Technology  
[cmehod@act.edu.in](mailto:cmehod@act.edu.in),  
9443208920

##### COMPUTER ENGINEERING DIVISION (CP)



**Mr.R.Sundar, M-14808107**  
Address:  
Scientist NIOT  
Chennai-600100  
Contact: 9444041854 Email id: [rsundar@niot.res.in](mailto:rsundar@niot.res.in)

##### ELECTRICAL ENGINEERING DIVISION (EL)



**Mr. A Anbazhagan**  
M-163499-7  
Associate Professor  
Electrical and Electronics  
Sri Sai ram Institute of Technology  
Chennai -600044.  
Contact: 9176144808 Email id: [hodeee@sairamit.edu.in](mailto:hodeee@sairamit.edu.in)



## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

#### ELECTRONICS DIVISION (ET)



**Dr. S. Karthikeyan**  
**F-126130**  
**Electronics & Telecommunication**  
**Associate Professor**  
**Sathyabama Institute of Science and Technology, Chennai, India.**

9500412034  
karthikeyans.ece@sathyabama.ac.in



**Dr. G. Thamaraiselvi**  
**Address:**  
**Prof & Head**  
**Electronics& Communication**  
**Sri Sai ram Institute of Technology**  
**Chennai -600044.**  
Contact: 8754582229 Email id: [hodece@sairamit.edu.in](mailto:hodece@sairamit.edu.in)

#### PRODUCTION ENGINEERING DIVISION (PR)



**Dr. R. Ramakrishnan, F-129169**  
**Address:**  
**Professor & Head**  
**Mechanical Engineering,**  
**Tamil Nadu Sports University,**  
**Melakottaiyur, Chennai 600127.**  
Contact: 0444048854 Email id: [ramkinr@yahoo.com](mailto:ramkinr@yahoo.com)



## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

#### MECHANICAL ENGINEERING DIVISION (MC)



**Dr. S. Ramesh**  
**Prof & Head of Mechanical**  
**Engineering**  
**KCG College of Technology**  
9884216363  
[hodmech@kcgcollege.com](mailto:hodmech@kcgcollege.com)



**Dr.K. ARUN VASANTHA GEETHAN, M 1592410**

**Address:**

**St. Joseph Institute of Technology**  
Chennai - 600119  
Contact 98400092  
Email id:[kavgeeth@gmail.com](mailto:kavgeeth@gmail.com)



**Dr.G.Shanmugasundar**  
**M- 161903 - 3**  
**Dean Research & Development**  
**Sri Sai ram Institute of Technology**  
Chennai - 600044.  
Contact: 9941380398 Email id: [deanresearch@sairamit.edu.in](mailto:deanresearch@sairamit.edu.in)

#### CIVIL ENGINEERING DIVISION (CV)



## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21



**Mr. Harish Ass.Prof AM181638 - 4**  
**JEPPIAAR Engineering College**  
**8637498799**  
**civilengineerharish@gmail.com**



**Mr. N.K.Rajan F-119268-6**  
**Prof & Head of CIVIL Engineering,**  
**MNM Jain Engineering**  
**rajanmyth@gmail.com**  
**9443396431**

## ENVIRONMENT ENGINEERING (EN)



**Prof.Ramamoorthy, M-1585996**  
**Address:**  
**Associate Prof & Head of Civil Department**  
**Agni College of Technology**  
**Chennai-600130**  
**Contact: 9443457504**  
**Email id: ramamoorthy.cvl@act.edu.in**



## KANCHEPURAM LOCAL CENTRE

Annual Report 2020-21

### MINING ENGINEERING (MN)



**Prof. Venu Gopal,**  
**Address:**  
**Ass.prof**  
**Anna University**  
**Chennai-**  
**Contact: 9790743343**  
**Email id: venuaumin@gmail.com**

### EX-OFFICIO MEMBERS



**Er. T. M. Gunaraja, FIE,**  
**Council Member, & President IEI**  
**Address :**  
**No.2AB,**  
**Kences Enclave, No.1, Ramakrishna Street,**  
**North Usman Road, T Nagar, Chennai- 600017**  
**Contact: 044-28143408, Email: [tmgraja@md2.vsnl.net.in](mailto:tmgraja@md2.vsnl.net.in)**



**Dr. R. Venkatesan** F-111839-7  
**Imm past. Chairman IEI KLC**  
**Scientist G & Head, NIOT**  
**chennai**  
**9444399829 rvenkatin5@gmail.com**



## ANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

**Chairman:**



**Er. R. Ramdoss, FIE,  
TNSC Chairman**

**Address:**

Flat No C, 1st Floor,  
SS Priyam Apartments, Plot No F/6, Subramaniam Street,  
Spartan Nagar(Behind MMM Hospital), Chennai – 600037.  
Contact: +91- 9500005301, Email: [ramdoss63@gmail.com](mailto:ramdoss63@gmail.com)



**Dr. G. Ranganath, FIE,  
Tamilnadu State Centre.**

**Address:**

The Principal,  
Adhiyamaan College of Engineering,  
Hosur-635109.  
Contact: +91-9443260071, E-Mail: [vp@adhiyamaan.ac.in](mailto:vp@adhiyamaan.ac.in)



**Er S Kannan F-105130-6  
TNSC Honorary Secretary  
9847067600  
[elasaikannan@gmail.com](mailto:elasaikannan@gmail.com)**



**Er D Kumar F-106374-6  
[9442541827,kumardbhl@gmail.com](mailto:9442541827,kumardbhl@gmail.com)**

## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

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Email-id: [kanchepuramlc@ieindia.org](mailto:kanchepuramlc@ieindia.org) Website: [www.ieindiaklc.org](http://www.ieindiaklc.org)

Dr. D Elango, **FIE**  
Hon.Secretary, IE (I)-KLC



Dr. K. Palanikumar, **FIE**  
Council Member & Chairman, IE (I)-KLC

100 Years of Relentless Journey towards  
Engineering Advancement for Nation Building

To all the Committee Members  
Kancheepuram Local Centre

Dear Sir/Madam

## NOTICE

There will be a Committee Meeting of the Kancheepuram Local Centre on Friday 27th November 2020 at 6:30 pm.

## AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 30th October 2020.
3. To approve the accounts for the month of October 2020.
4. Report on the Technical activities Conducted and proposed
5. Any other matter with the permission of the chairman
6. Fixing of date & time for the next committee meeting
7. Vote of thanks by Honorary Secretary

Dr. D Elango, **FIE**  
Honorary Secretary

Distribution to:

**All Committee Members**  
**The Institution of Engineers (India), Kancheepuram Local Centre.**  
**Chairman – for kind information**

## KANCHEPURAM LOCAL CENTRE

Annual Report 2020-21

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Council Member & Chairman, IE (I)-KLC

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Engineering Advancement for Nation Building

To all the Committee Members  
Kancheipuram Local Centre  
Dear Sir/Madam

### NOTICE

This is to inform you that Due to Christmas Holiday, the IEI KLC Committee meeting has been postponed to Wednesday 30th December 2020 at 7.00pm

### AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 27th November 2020.
3. To approve the accounts for the month of November 2020.
4. Report on the Technical activities Conducted and proposed
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7. Vote of thanks by Honorary Secretary

Dr. D Elango, **FIE**  
Honorary Secretary  
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Chairman – for kind information

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Annual Report 2020-21

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Dr. K. Palanikumar, **FIE**  
Council Member & Chairman, IE (I)-KLC

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Engineering Advancement for Nation Building

To all the Committee Members

Kancheipuram Local Centre

Dear Sir/Madam

## NOTICE

There will be a Committee Meeting of the Kancheipuram Local Centre on Friday 29th January 2021 at 6:30 pm.

## AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 30th December 2020.
3. To approve the accounts for the month of December 2020.
4. Report on the Technical activities Conducted and proposed
5. Any other matter with the permission of the chairman
6. Fixing of date & time for the next committee meeting
7. Vote of thanks by Honorary Secretary

Dr. D Elango, **FIE**  
Honorary Secretary  
Distribution to:

All Committee Members

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Chairman – for kind information

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Dr. K. Palanikumar, **FIE**  
Council Member & Chairman, IE (I)-KLC

100 Years of Relentless Journey towards  
Engineering Advancement for Nation Building

To all the Committee Members  
Kancheepuram Local Centre

Dear Sir/Madam

## NOTICE

There will be a Committee Meeting of the Kancheepuram Local Centre on Friday 26th February 2021 at 6:30 pm.

## AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 29th January 2021.
3. To approve the accounts for the month of January 2021..
4. Report on the Technical activities Conducted and proposed
5. Any other matter with the permission of the chairman
6. Fixing of date & time for the next committee meeting
7. Vote of thanks by Honorary Secretary

Dr. D Elango, **FIE**  
Honorary Secretary

Distribution to:

**All Committee Members**

**The Institution of Engineers (India), Kancheepuram Local Centre.**

Chairman – for kind information

## KANCHEPURAM LOCAL CENTRE

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Dr. D Elango, **FIE**  
Hon.Secretary, IE (I)-KLC



Dr. K. Palanikumar, **FIE**  
Council Member & Chairman, IE (I)-KLC

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Engineering Advancement for Nation Building

## NOTICE

There will be a Committee Meeting of the Kanchipuram Local Centre on Friday 26th March 2021 at 6:30 pm.

## AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 26th February 2021.
3. To approve the accounts for the month of February 2021.
4. Report on the Technical activities Conducted and proposed
5. Any other matter with the permission of the chairman
6. Fixing of date & time for the next committee meeting
7. Vote of thanks by Honorary Secretary

Dr. D Elango, **FIE**  
Honorary Secretary  
Distribution to:

### All Committee Members

**The Institution of Engineers (India), Kanchipuram Local Centre.**  
**Chairman – for kind information**

## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

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Dr. D Elango, **FIE**  
Hon.Secretary, IE (I)-KLC



Dr. K. Palanikumar, **FIE**  
Council Member & Chairman, IE (I)-KLC

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Engineering Advancement for Nation Building

## NOTICE

There will be a Committee Meeting of the Kanchipuram Local Centre on Friday 16th April 2021 at 6:30 pm.

## AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 26th March 2021.
3. To approve the accounts for the month of March 2021.
4. Report on the Technical activities Conducted and proposed
5. Any other matter with the permission of the chairman
6. Fixing of date & time for the next committee meeting
7. Vote of thanks by Honorary Secretary

Dr. D Elango, **FIE**  
Honorary Secretary  
Distribution to:  
**All Committee Members**  
**The Institution of Engineers (India), Kanchipuram Local Centre.**  
**Chairman – for kind information**

## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

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Dr. D Elango, **FIE**  
Hon.Secretary, IE (I)-KLC



Dr. K. Palanikumar, **FIE**  
Council Member & Chairman, IE (I)-KLC

100 Years of Relentless Journey towards  
Engineering Advancement for Nation Building

To all the Committee Members  
Kancheipuram Local Centre

Dear Sir/Madam

## NOTICE

There will be a Committee Meeting of the Kancheipuram Local Centre on Friday 28th May 2021 at 6:30 pm.

## AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 16th April 2021.
3. To approve the accounts for the month of April 2021.
4. Report on the Technical activities Conducted and proposed
5. Any other matter with the permission of the chairman
6. Fixing of date & time for the next committee meeting
7. Vote of thanks by Honorary Secretary

Dr. D Elango, **FIE**  
Honorary Secretary  
Distribution to:  
**All Committee Members**  
**The Institution of Engineers (India), Kancheipuram Local Centre.**  
**Chairman – for kind information**

## KANCHEPURAM LOCAL CENTRE

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Dr. D Elango, FIE  
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Dr. K. Palanikumar, FIE  
Council Member & Chairman, IE (I)-KLC



100 Years of Relentless Journey towards  
Engineering Advancement for Nation Building

To all the Committee Members  
Kancheputram Local Centre

Dear Sir/Madam

## NOTICE

There will be a Committee Meeting of the Kancheputram Local Centre on Friday 26th June 2021 at 6:30 pm.

## AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 28th May 2021.
3. To approve the accounts for the month of May 2021.
4. Report on the Technical activities Conducted and proposed
5. Any other matter with the permission of the chairman
6. Fixing of date & time for the next committee meeting
7. Vote of thanks by Honorary Secretary

Dr. D Elango, FIE  
Honorary Secretary

Distribution to:

**All Committee Members**

**The Institution of Engineers (India), Kancheputram Local Centre.**  
**Chairman – for kind information**

KANCHEPURAM LOCAL CENTRE

# The Institution of Engineers (India)

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Dr. D Elango, **FIE**  
Hon.Secretary, IE (I)-KLC



Dr. K. Palanikumar, **FIE**  
Council Member & Chairman, IE (I)-KLC

100 Years of Relentless Journey towards  
Engineering Advancement for Nation Building

To all the Committee Members  
Kancheputram Local Centre

Dear Sir/Madam

## NOTICE

There will be a Committee Meeting of the Kancheputram Local Centre on Friday 30<sup>th</sup> July 2021 at 6:30 pm.

## AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 25<sup>th</sup> June 202
3. To approve the accounts for the month of June 2021.
4. Report on the Technical activities Conducted and proposed
5. Any other matter with the permission of the chairman
6. Fixing of date & time for the next committee meeting
7. Vote of thanks by Honorary Secretary

Dr. D Elango, **FIE**  
Honorary Secretary  
Distribution to:

### All Committee Members

The Institution of Engineers (India), Kancheputram Local Centre.  
Chairman – for kind information

# The Institution of Engineers (India)

AN ISO 9001:2008 CERTIFIED ORGANIZATION

(Established 1920, incorporated by Royal Charter 1935

## KANCHEPURAM LOCAL CENTRE

Agni college of Technology Campus, OMR, Thalambur, Chennai-600130

Cell: 9677053338(Chairman), 9444050687(Honorary Secretary)

Email-id: [kanchepuramlc@ieindia.org](mailto:kanchepuramlc@ieindia.org) Website: [www.ieindiaklc.org](http://www.ieindiaklc.org)

Dr. D Elango, **FIE**  
Hon.Secretary, IE (I)-KLC



Dr. K. Palanikumar, **FIE**  
Council Member & Chairman, IE (I)-KLC

100 Years of Relentless Journey towards  
Engineering Advancement for Nation Building

To all the Committee Members  
Kancheepuram Local Centre

Dear Sir/Madam

## NOTICE

There will be a Committee Meeting of the Kancheepuram Local Centre on Tuesday 28<sup>th</sup> September 2021 at 6:30 pm.

## AGENDA

1. Welcome address by Chairman
2. Confirmation of minutes of the Committee meeting held on 27<sup>th</sup> August 2021.
3. To approve the accounts for the month of August 2021.
4. Report on the Technical activities Conducted and proposed
5. Any other matter with the permission of the chairman
6. Fixing of date & time for the next committee meeting & AGM
7. Vote of thanks by Honorary Secretary

Dr. D Elango, **FIE**  
Honorary Secretary

Distribution to:

All Committee Members

The Institution of Engineers (India), Kancheepuram Local Centre.

Chairman – for kind information



# The Institution of Engineers (India)

KANCHEPURAM LOCAL CENTRE  
Agni college of Technology Campus, OMR, Thalambur, Chennai 600130

CM//2020-2021  
30<sup>th</sup> October 2020

The Institution of Engineers (India) the Kancheipuram Local Centre Committee Meeting on Friday  
30<sup>th</sup> October 2020at 07:00 pm

**MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1.	Dr. K. Palanikumar	KLC Chairman
2.	Dr. D. Elango	KLC Honorary Secretary
3.	Dr. R. venkatesan	Past Chairman
4.	Dr. R. Ramakrishnan	Member
5.	Mr. D. Kumar	Member

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are givenbelow:

• **Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2020-21 and then the agenda was taken up for discussion.

• **To Confirm the Minutes of the Committee Meeting held on 25<sup>th</sup>September 2020**

The Minutes of the Committee Meeting held on 25<sup>th</sup> September 2020was confirmed.

• **To approve the accounts for the month of September 2020**

The accounts for the month of September 2020 were approved.

• **Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

**EVENTS CONDUCTED:**

1. WEBINAR ON Recent advances of Photovoltaic Thermal (PV/T) System under Mechanical Engineering Division on 28.10.2020 at ST. Joseph's Institute of Technology, Chennai..

2. WEBINAR ON Alternative Energy – Solar and Solar PV under Electrical Engineering Division on 07.11.2020 at Sri Sairam Institute of Technology, Chennai
3. WEBINAR ON Software Testing under Computer Engineering Division on 10.11.2020 at Sathyabama Institute of Technology, Chennai

**FORTH COMING EVENTS:**

1. WEBINAR ON Word press and open source Technology under Computer Engineering Division on 21.11.2020 at Sathyabama Institute of Technology, Chennai
2. WEBINAR ON IoT for Chemical Engineering under Chemical Engineering Division on 25.10.2020 at Agni College of Technology, Chennai
3. Essay Competition for IEI KLC STUDENT CHAPTERS under Computer Engineering Division on 10.12.2020 at Srisairam Institute of Technology.

**Theme:**

- Applications of Artificial Intelligence to Improve the Human values
  - Harms of increasing trend of social media- Aspects: suggestions
  - Make in India vs Incredible India.
4. Energy Conservation Day on 14<sup>th</sup> December 2020

• **Any other matter with the permission of the Chairman**

- Mr. D. Kumar Committee member of IEI KLC suggested for monthly meeting club near by local Centre and conduct the meeting
- Dr. R. Ramakrishnan Committee member of IEI KLC suggested to conduct sports related conference in the month of March 2021
- Mr. R. Sundar Committee member of IEI KLC suggested to conduct student level competition in Online Platform for Design and Paper competition
- Chairman requested all the Committee members to contribute for the conduct of various other technical activities

• **Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Friday 27<sup>th</sup> November 2020 at 06:30 pm

• **Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



# The Institution of Engineers (India)

KANCHEPURAM LOCAL CENTRE  
Agni college of Technology Campus, OMR, Thalambur, Chennai 600130

CM//2020-2021  
27<sup>th</sup> November 2020

The Institution of Engineers (India) the Kanchipuram Local Centre Committee Meeting on Friday  
27<sup>th</sup> November 2020at 07:00 pm

**MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1.	Dr. K. Palanikumar	Chairman
2.	Dr. D. Elango	Honorary Secretary
3.	Dr. R. Ramakrishnan	Member
4.	Dr. Arun Vasantha Geethan	Member
5.	Dr. Thamarai Selvi	Member
6.	Mr. R. Sundar	Member
7.	Mr. D. Kumar	Member
8.	Mr. Harishwaran	Member
9.	Mrs. Srividya	Member
10.	Mr. Muthu Kumar	Eminent Engineer

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are givenbelow:

• **Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2020-21 and then the agenda was taken up for discussion.

• **To Confirm the Minutes of the Committee Meeting held on 30<sup>th</sup>October 2020**

The Minutes of the Committee Meeting held on 30<sup>th</sup> October 2020was confirmed.

• **To approve the accounts for the month of October 2020**

The accounts for the month of October 2020 were approved.

• **Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

**EVENTS CONDUCTED:**

5. WEBINAR ON Word press and open source Technology under Computer Engineering Division on 21.11.2020 at Sathyabama Institute of Technology, Chennai
6. WEBINAR ON IoT for Chemical Engineering under Chemical Engineering Division on 25.10.2020 at Agni College of Technology, Chennai
7. Essay Competition for IEI KLC STUDENT CHAPTERS under Computer Engineering Division on 10.12.2020 at SriSairam Institute of Technology.

**Theme:**

- Applications of Artificial Intelligence to Improve the Human values
  - Harms of increasing trend of social media- Aspects: suggestions
  - Make in India vs Incredible India.
8. Energy Conservation Day on 14<sup>th</sup> December 2020 at SriSairam Institute of Technology, Chennai.

**FORTH COMING EVENTS:**

1. WEBINAR ON Virtual Reality and Augmented reality –A future of Technology under Computer Engineering Division on 23.01.2021 at Agni College of Technology, Chennai
2. Webinar on Artificial Intelligence tools and its applications under Computer Engineering Division on 28.01.2021 at ST. Joseph's Institute of Technology, Chennai.
3. Webinar on Distributed generation and power quality under Electrical Engineering Division on 29.01.2021 at SriSairam Institute of Technology, Chennai.

• **Any other matter with the permission of the Chairman**

- A committee appreciated the Chairman Dr. Palanikumar for his achievement in research work.
- Mr. D. Kumar Committee member of IEI KLC suggested online lecture programme for the benefits of Students
- Chairman requested all the Committee members to contribute for the conduct of various other technical activities

• **Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Wednesday 30<sup>th</sup> December 2020 at 07:00 pm

• **Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



# Institution of Engineers (India)

## KANCHEPURAM LOCAL CENTRE

CM//2020-2021

30<sup>th</sup> December 2020

The Institution of Engineers (India) the Kanchipuram Local Centre Committee Meeting on Friday  
30<sup>th</sup> December 2020 at 07:00 pm

### **MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1.	Dr. K. Palanikumar	Chairman
2.	Dr. D. Elango	Honorary Secretary
3.	Dr. Thamarai Selvi	Member
4.	Mr. R. Sundar	Member
5.	Mr. D. Kumar	Member
6.	Mr. Harishwaran	Member
7.	Mrs. Srividya	Member
8.	Mr. Muthu Kumar	Eminent Engineer

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are given below:

- **Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2020-21 and then the agenda was taken up for discussion.

- **To Confirm the Minutes of the Committee Meeting held on 27<sup>th</sup> November 2020**

The Minutes of the Committee Meeting held on 27<sup>th</sup> November 2020 was confirmed.

- **To approve the accounts for the month of November 2020**

The accounts for the month of November 2020 were approved.

- **Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

**EVENTS CONDUCTED:**

4. WEBINAR ON Virtual Reality and Augmented reality –A future of Technology under Computer Engineering Division on 23.01.2021 at Agni College of Technology, Chennai.

**FORTH COMING EVENTS:**

5. Webinar on Artificial Intelligence tools and its applications under Computer Engineering Division on 20.02.2021 at ST. Joseph's Institute of Technology, Chennai.
6. Webinar on Distributed generation and power quality under Electrical Engineering Division on 22.02.2021 at SriSairam Institute of Technology, Chennai.

• **Any other matter with the permission of the Chairman**

- Chairman requested all the Committee members to contribute for the conduct of various other Technical activities

• **Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Wednesday 30<sup>th</sup> December 2020 at 07:00 pm

• **Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



# Institution of Engineers (India)

## KANCHEPURAM LOCAL CENTRE

CM//2020-2021  
29<sup>th</sup> January 2021

The Institution of Engineers (India) the Kanchipuram Local Centre Committee Meeting on Friday 29<sup>th</sup> January 2021 at 07:00 pm

### **MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1.	Dr. K. Palanikumar	Chairman
2.	Dr. D. Elango	Honorary Secretary
3.	Dr. Thamarai Selvi	Member
4.	Mr. R. Sundar	Member
5.	Mr. D. Kumar	Member
6.	Dr. Arun Vasantha Geethan	Member
7.	Mrs. Srividiya	Member
8.	Dr.R.Venkatesan	EX- Officio Member
8.	Mr. Muthu Kumar	Eminent Engineer

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are given below:

- **Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2020-21 and then the agenda was taken up for discussion.

- **To Confirm the Minutes of the Committee Meeting held on 30<sup>th</sup> December 2020**

The Minutes of the Committee Meeting held on 30<sup>th</sup> December 2020 was confirmed.

- **To approve the accounts for the month of December 2020**

The accounts for the month of December 2020 were approved.

- **Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

**EVENTS CONDUCTED:**

1. Webinar on Virtual Reality and Augmented reality –A future of Technology under Computer Engineering Division on 28.01.2021 at Agni College of Technology, Chennai.
2. Webinar on Artificial Intelligence tools and its applications under Computer Engineering Division on 22.02.2021 at ST. Joseph's Institute of Technology, Chennai.
3. Webinar on Distributed generation and power quality under Electrical Engineering Division on 20.02.2021 at SriSairam Institute of Technology, Chennai.

**FORTH COMING EVENTS:**

4. One day workshop on Optimizing the Chemical Process Control by IOT on 20-03-2021under Chemical Engineering Division at Agni College of Technology, Chennai.
5. One Day Seminar on Combating Cyber Security using Artificial Intelligence on 25-03-2021under the aegis of Computer Engineering Division at Sri Sairam Institute Of Technology ,Chennai.
6. One Day Workshop on Additive Manufacturing on 31/03/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai
7. One Day Workshop on Smart materials on 09/04/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.

• **Any other matter with the permission of the Chairman**

- Chairman requested all the Committee members to contribute for the conduct of various other Technical activities
- Chairman has proposed to conduct an offline mode prize distribution ceremony for IEI KLC Student's Chapter's Essay competition held at Sri Sairam Institute Of Technology, Chennai on 10.12.2020.
- Chairman has put forth an idea to have a dedicated building for IEIKLC with in a budget of Rs.10Lakhs.
- Chairman has directed Mechanical Engineering Division to conduct more programs in the upcoming weeks.
- Srisairam Institute of Technology has planned to conduct a five days' workshop on Python Programming Language..

• **Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Friday 26<sup>th</sup> February 2021 at 07:00 pm

• **Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



**The Institution of Engineers (India)**

## KANCHEPURAM LOCAL CENTRE

CM//2020-2021  
26th February 2021

The Institution of Engineers (India) the Kanchipuram Local Centre Committee Meeting on Friday 26th February 2021 at 07:00 pm

### **MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1.	Dr. K. Palanikumar	Chairman
2.	Dr. D. Elango	Honorary Secretary
3.	Mr. R. Sundar	Member
4.	Mr. D. Kumar	Member
5.	Dr. Arun Vasantha Geethan	Member
6.	Mrs. Srividiya	Member

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are given below:

- **Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2020-21 and then the agenda was taken up for discussion.

- **To Confirm the Minutes of the Committee Meeting held on 29th January 2021**

The Minutes of the Committee Meeting held on 29th January 2021 was confirmed.

- **To approve the accounts for the month of January 2021**

The accounts for the month of January 2021 were approved.

- **Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

**EVENTS CONDUCTED:**

1. World Engineering Day for Sustainable Development on 04 March 2021 at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai
2. World Water Day 2021 on the theme "Valuing Water" on 26.03.2021 at Sri Sairam Institute of Technology, Chennai.

**FORTH COMING EVENTS:**

8. One day workshop on Optimizing the Chemical Process Control by IOT **on** 20-04-2021 under Chemical Engineering Division **at Agni College of Technology, Chennai.**
9. One Day Seminar **on** Combating Cyber Security using Artificial Intelligence **on** 25-04-2021 under the aegis of Computer Engineering Division **at Sri Sairam Institute Of Technology ,Chennai.**
10. One Day Workshop on Additive Manufacturing **on** 31/03/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai
11. One Day Workshop on Smart materials **on** 09/04/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.
12. One Day Seminar on "Power Quality Issues of Wind and Solar Energy System in Grid Integration", 16/04/2021 under Electrical Engineering Division **at Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai.**
13. Fourth ANNUAL GENERAL MEETING.

• **Any other matter with the permission of the Chairman**

- Chairman requested all the Committee members to contribute for the conduct of various other Technical activities

• **Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Friday 26<sup>th</sup> March 2021 at 07:00 pm

• **Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



# The Institution of Engineers (India)

## KANCHEPURAM LOCAL CENTRE

CM//2020-2021  
26th March 2021

The Institution of Engineers (India) the Kanchipuram Local Centre Committee Meeting on Friday  
26th March 2021 at 07:00 pm

### **MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1.	Er.R.Ramdoss	TNSC Chairman
1.	Dr. K. Palanikumar	Chairman
2.	Dr. D. Elango	Honorary Secretary
3.	Mr. R. Sundar	Member
4.	Mr. D. Kumar	Member
5.	Dr. Arun Vasantha Geethan	Member
6.	Mrs. Srividya	Member

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are given below:

- **Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2020-21 and then the agenda was taken up for discussion.

- **To Confirm the Minutes of the Committee Meeting held on 26th February 2021**

The Minutes of the Committee Meeting held on 26th February 2021 was confirmed.

- **To approve the accounts for the month of February 2021**

The accounts for the month of February 2021 were approved.

- **Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

**EVENTS CONDUCTED:**

1. World Engineering Day for Sustainable Development on 04th March 2021 at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai
2. World Water Day 2021 on the theme "Valuing Water" on 26.03.2021 at Sri Sairam Institute of Technology, Chennai.
3. Fourth ANNUAL GENERAL MEETING on 16.04.2021 at Sri Sairam Engineering College. Chennai,

**FORTH COMING EVENTS:**

14. One day workshop on Optimizing the Chemical Process Control by IOT on 20-04-2021 under Chemical Engineering Division at Agni College of Technology, Chennai.
15. One Day Seminar on Combating Cyber Security using Artificial Intelligence on 25-04-2021 under the aegis of Computer Engineering Division at Sri Sairam Institute Of Technology ,Chennai.
16. One Day Workshop on Additive Manufacturing on 31/03/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai
17. One Day Workshop on Smart materials on 09/04/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.
18. One Day Seminar on "Power Quality Issues of Wind and Solar Energy System in Grid Integration", 16/04/2021 under Electrical Engineering Division at Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai.
19. WORLD TELECOMMUNICATION AND INFORMATION SOCIETY DAY on 17<sup>th</sup> May 2021

- **Any other matter with the permission of the Chairman**

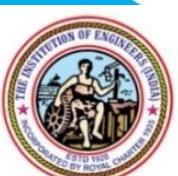
- Chairman requested all the Committee members to contribute for the conduct of various other Technical activities

- **Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Friday 16<sup>th</sup> April 2021 at 07:00 pm

- **Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



# The Institution of Engineers (India)

## KANCHEPURAM LOCAL CENTRE

CM//2020-2021  
16<sup>th</sup> April 2021

The Institution of Engineers (India) the Kanchipuram Local Centre Committee Meeting on Friday 16<sup>th</sup> April 2021 at 10:00 am

### **MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1.	Er.R.Ramdoss	TNSC Chairman
2.	Dr. K. Palanikumar	Chairman
3.	Dr. D. Elango	Honorary Secretary
4.	Mr. R. Sundar	Member
5.	Mr. A. Anbazhagan	Member
6.	Dr. S. Karthikeyan,	Member
7.	Mrs. ThamaraiSelvi,	Member
8.	Dr. G. Shanmuga Sundar,	Member
9.	Dr. V. Muthukumar,	Member
10.	Mr. D. Kumar	Member

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are given below:

- **Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2020-21 and then the agenda was taken up for discussion.

- **To Confirm the Minutes of the Committee Meeting held on 26<sup>th</sup> March 2021**

The Minutes of the Committee Meeting held on 26<sup>th</sup> March 2021 was confirmed.

- **To approve the accounts for the month of March 2021**

The accounts for the month of March 2021 were approved.

- **Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

### **EVENTS CONDUCTED:**

20. Fourth ANNUAL GENERAL MEETING and Best Chapter award on 16.04.2021 at Sri Sairam Engineering College, Chennai.

#### **FORTH COMING EVENTS:**

1. WORLD TELECOMMUNICATION AND INFORMATION SOCIETY DAY on 17<sup>th</sup> May 2021
2. One Day Workshop on APPLICATIONS OF MICRO AND NANO ROBOTICS on 03/06/2021 under the aegis of Production Engineering Division at SRI SAIRAM ENGINEERING COLLEGE
3. One Day Workshop on Smart materials on 09/06/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.
4. One Day Seminar on "Power Quality Issues of Wind and Solar Energy System in Grid Integration", 16/06/2021under Electrical Engineering Division **at Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai.**
5. One day workshop on Optimizing the Chemical Process Control by IOT **on** 20-06-2021under Chemical Engineering Division **at Agni College of Technology, Chennai.**
6. One Day Seminar **on** Combating Cyber Security using Artificial Intelligence **on** 25-06-2021under the aegis of Computer Engineering Division **at Sri Sairam Institute Of Technology ,Chennai.**
7. One Day Workshop on Additive Manufacturing on 31/06/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai
8. All India Seminars on APPLICATION OF EMBEDDED CONTROLLERS AND SENSORS FOR SMART ENVIRONMENT on 06.08.2021 & 07.08.2021 under the aegis of Electronics and Communication Engineering Division at SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai

#### **5. Any other matter with the permission of the Chairman**

- Chairman requested all the Committee members to contribute for the conduct of various other Technical activities

#### **Break for Temporary Staff**

Chairman informed the committee of a break for temporary staff Ms. S. P. Monica from April 23<sup>rd</sup> 2021.

#### **• Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Friday 28<sup>th</sup> May 2021 at 07:00 pm

#### **• Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



The Institution of Engineers (India) the Kanchipuram Local Centre Committee Meeting on Friday 16<sup>th</sup> April 2021 at 10:00 am

### **MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1.	Dr. K. Palanikumar	Chairman
2.	Dr. D. Elango	Honorary Secretary
3.	Dr. Ramakrishnan	Member
4.	Mr. R. Sundar	Member
5.	Mr. A. Anbazhagan	Member
6.	Dr. S. Karthikeyan,	Member
7.	Mrs. ThamaraiSelvi,	Member
8.	Dr. G. Shanmuga Sundar,	Member
9.	Dr. Arun Vasantha Geethan	Member
10.	Dr. Venkatesan	Past Chairman
8.	Dr. V. Muthukumar,	Eminent Engineer
9.	Mr. D. Kumar	EX OFFICIO Member

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are given below:

- **Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2020-21 and then the agenda was taken up for discussion.

- **To Confirm the Minutes of the Committee Meeting held on 16<sup>th</sup> April 2021**

The Minutes of the Committee Meeting held on 16<sup>th</sup> April 2021 was confirmed.

- **To approve the accounts for the month of April 2021**

The accounts for the month of April 2021 were approved.

- **Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

#### **EVENTS CONDUCTED:**

1. Webinar on Molecular Biology and Genetics on 1<sup>st</sup> May 2021 at SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai
2. Webinar on The way for a Successful career on 07.05.2021 under the aegis of Computer Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.
3. World Telecommunication and Information society day under the aegis of Electronics & Telecommunication Engineering Division at Sathyabama Institute of Science and Technology, chennai on 17<sup>th</sup> May 2021
4. Webinar on Soft skill Improvement at Sathyabama Institute of Science and Technology, chennai on 29<sup>th</sup> May 2021
5. Webinar on Vaccine Technology – covid 19 at Sathyabama Institute of Science and Technology, chennai on 31<sup>st</sup> May 2021
6. World Environment day under the aegis of Mechanical Engineering at Saveetha Engineering College on 5<sup>th</sup> June 2021

#### **FORTH COMING EVENTS:**

7. Webinar on Speech Competition under the aegis of Mechanical Engineering Division on 30.06.2021 at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.
8. One Day Workshop on APPLICATIONS OF MICRO AND NANO ROBOTICS on 03/07/2021 under the aegis of Production Engineering Division at SRI SAIRAM ENGINEERING COLLEGE
9. All India Workshop on 'FEA and FMEA on 4-5 July 2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.- Approved from IEI Head quarters
10. One Day Workshop on Smart materials on 09/07/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.- Approved from IEI Head quarters

11. One Day Seminar on "Power Quality Issues of Wind and Solar Energy System in Grid Integration", 16/07/2021 under Electrical Engineering Division at **Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai**.Approved from IEI Head quarters
  12. One day workshop on Optimizing the Chemical Process Control by IOT on 20-07-2021under Chemical Engineering Division at **Agni College of Technology, Chennai**.Approved from IEI Head quarters
  13. One Day Seminar on Combating Cyber Security using Artificial Intelligence on 25-07-2021under the aegis of Computer Engineering Division at **Sri Sairam Institute Of Technology ,Chennai**.
  14. One Day Workshop on Additive Manufacturing on 31/07/2021 under the aegis of Mechanical Engineering Division at **St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai**
  15. All India Seminars on APPLICATION OF EMBEDDED CONTROLLERS AND SENSORS FOR SMART ENVIRONMENT on 06.08.2021 & 07.08.2021 under the aegis of Electronics and Communication Engineering Division at **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai**
- **Any other matter with the permission of the Chairman**
    - All Committee members appreciate chairman of IEI KLC for Smooth conduction of 4<sup>th</sup> AGM
    - Committee members of Mr. Sundar suggested to have Facebook, Twitter account for our IEI KLC also Dr S. Karthikeyan added his Suggestion for Creating Instagram and You Tube Channel Account.

#### **Extension of Coordinator service**

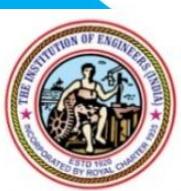
The IEIKLCTechnical Coordinator Miss Monica worked past 4years without any complains and also she is coordinating Kanchipuram Local Centre and Headquarters smoothly based on her performance her service extended to another one year with the increment of Rs.1000/-The Revised salary Rs. 16,500/- (13000 + 3500 travel allowance)

- **Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Friday 25<sup>th</sup>June 2021 at 07:00 pm

- **Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



# The Institution of Engineers (India)

## KANCHEPURAM LOCAL CENTRE

CM//2020-2021  
25<sup>th</sup> June 2021

The Institution of Engineers (India) the Kanchipuram Local Centre Committee Meeting on Friday 25<sup>th</sup> June 2021 at 06:30 pm.

### **MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1	Er. R. Ramdoss	Chairman TNSC
2	Dr. K. Palanikumar	Chairman
3	Dr. D. Elango	Honorary Secretary
4	Dr. Ramakrishnan	Member
5	Dr. N. K. Rajan	Member
6	Mr. R. Sundar	Member
7	Er. S. Ramamoorthy	Member
8	Dr. S.Ramesh	Member
9	Mr. A. Anbazhagan	Member
10	Mrs. Srividhya	Member
11	Prof. Venu Gopal	Member
12	Dr. S. Karthikeyan,	Member
13	Mrs. ThamaraiSelvi,	Member
14	Dr. G. Shanmuga Sundar,	Member
15	Dr. Arun Vasantha Geethan	Member
16.	Dr. Venkatesan	Past Chairman
17.	Dr. V. Muthukumar,	Eminent Engineer
18.	Mr. D. Kumar	EX OFFICIO Member

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are given below:

- **Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2020-21 and then the agenda was taken up for discussion.

- **To Confirm the Minutes of the Committee Meeting held on 28<sup>th</sup> May 2021**

The Minutes of the Committee Meeting held on 28<sup>th</sup> May 2021 was confirmed.

- **To approve the accounts for the month of May 2021**

The accounts for the month of May 2021 were approved.

- **Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

#### **EVENTS CONDUCTED:**

16. Speech Competition under the aegis of Mechanical Engineering Division on 30.06.2021 at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.

#### **FORTH COMING EVENTS**

17. One Day Workshop on APPLICATIONS OF MICRO AND NANO ROBOTICS NANO ROBOTICS on 03/08/2021 under the aegis of Production Engineering Division at SRI SAIRAM ENGINEERING COLLEGE
18. All India Workshop on 'FEA and FMEA' on 4-5 AUGUST 2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.- Approved from IEI Head quarters
19. One Day Workshop on Smart materials on 09/08/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.- Approved from IEI Head quarters
20. One Day Seminar on "Power Quality Issues of Wind and Solar Energy System in Grid Integration", 16/08/2021 under Electrical Engineering Division at Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai. Approved from IEI Head quarters
21. One day workshop on Optimizing the Chemical Process Control by IOT on 20-08-2021 under Chemical Engineering Division at Agni College of Technology, Chennai. Approved from IEI Head quarters

- 22. One Day Seminar on Combating Cyber Security using Artificial Intelligence on 25-08-2021 under the aegis of Computer Engineering Division at Sri Sairam Institute Of Technology ,Chennai.
- 23. One Day Workshop on Additive Manufacturing on 31/08/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai
- 24. All India Seminars on APPLICATION OF EMBEDDED CONTROLLERS AND SENSORS FOR SMART ENVIRONMENT on 06.08.2021 & 07.08.2021 under the aegis of Electronics and Communication Engineering Division at SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai
- **Any other matter with the permission of the Chairman**  
The committee appointed the Board of Scrutineers (BOS) members to conduct the election for IEI – KLC

#### **BOARD OF SCRUTINEERS**

1. DR. A. LEEMAROSE, FIE BOS (CONVENER)
2. DR. P LATHA, FIE
3. DR R VENKATESAN FIE
4. DR. D. LAKSHMI, MIE
5. DR KARTHIKEYAN S FIE

As per request from Tamilnadu state Centre. The Institution of Engineers (India) Kanchipuram Local Centre informs you that the centre donated Rs.25000/- towards Chief Minister's relief fund for corona relief work.

The special meeting conducted on same day and selected Chairman and Honorary Secretary for the session 2021-22 & 2022 – 23 the minutes also send it to the IEI Headquarters & IEI TNSC

- **Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Friday 30<sup>th</sup> July 2021 at 07:00 pm

- **Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



# The Institution of Engineers (India)

## KANCHEPURAM LOCAL CENTRE

CM//2020-2021  
27<sup>th</sup> August 2021

The Institution of Engineers (India) the Kanchipuram Local Centre Committee Meeting on Friday 27<sup>th</sup> August 2021 at 06:30 pm.

### **MEMBERS PRESENT:**

S.NO	NAME	DESIGNATION
1	Er. R. Ramdoss	Chairman TNSC
2	Dr. K. Palanikumar	Chairman
3	Dr. D. Elango	Honorary Secretary
4	Dr. S. Karthikeyan,	Member
5	Mrs. ThamaraiSelvi,	Member
6	Dr. G. Shanmuga Sundar,	Member
7	Dr. Arun Vasantha Geethan	Member
8.	Mr. D. Kumar	EX OFFICIO Member

The Meeting was chaired by Dr. K. Palanikumar, Chairman IEI- KLC. The proceedings of the meetings are given below:

### **1. Welcome by Chairman:**

Dr. K. Palanikumar, Chairman extended warm welcome to all the New Committee Members for the Committee Meeting of the financial year 2021-22 and then the agenda was taken up for discussion.

### **2 .To Confirm the Minutes of the Committee Meeting held on 25<sup>th</sup> June/July 2021**

The Minutes of the Committee Meeting held on 28<sup>th</sup> May 2021 was confirmed.

### **3. To approve the accounts for the month of June & July 2021**

The accounts for the month of June/July 2021 were approved.

### **4. Report on the technical activities Conducted and proposed**

Dr. D. Elango Honorary Secretary presented the Technical activities.

## TECHNICAL ACTIVITIES

### **EVENTS CONDUCTED:**

1. ROYAL CHARTER DAY on September 09, 2021 under the aegis of Computer Engineering Division at SriSairam Institute of Technology
2. **54th Engineers' Day:** Engineers for Skill Development & Employment in combating COVID on September 17, 2021 at SriSairam Institute of Technology and SriSairam Engineering College.

### **FORTH COMING EVENTS**

1. **The World Habitat Day on Monday, October 04, 2021.** The theme for this year's World Habitat Day is Accelerating urban action for a carbon-free world.
2. All India Workshop on FEA and FMEA in mechanical design "under the aegis of Mechanical Engineering Division on 12th and 13th October 2021 at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.- Approved from IEI Head quarters
3. One day Seminars on APPLICATION OF EMBEDDED CONTROLLERS ANDSENSORS FOR SMART ENVIRONMENT on 22.10.2021 under the aegis of Electronics and Communication Engineering Division at SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai
4. One Day Workshop on Smart materials on 09/11/2021 under the aegis of Mechanical Engineering Division at St. JOSEPH'S INSTITUTE OF TECHNOLOGY OMR, Chennai.- Approved from IEI Head quarters
5. One Day Seminar on Power Quality Issues of Wind and Solar Energy System in Grid Integration 29/10/2021under Electrical Engineering Division at Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai. Approved from IEI Head quarters
6. One day workshop on Optimizing the Chemical Process Control by IOT on 20-011-2021 under Chemical Engineering Division at Agni College of Technology, Chennai. Approved from IEI Head quarters
7. ONE DAY SEMINAR Research Opportunities on Integration of Green Energy with Smart Grid through IOT Under the aegis of Electrical and Electronics at sathyabama Institute of science and technology auditorium – yet to approve
8. 5th Annual General Meeting.

### **5. Any other matter with the permission of the Chairman**

A committee appreciated the Chairman Dr. Palanikumar for his receiving the AICTE – Visvesvaraya Award 2021 – for the best Teacher in the nation

### **6. Fixing of date & time for the next Committee Meeting**

It was decided that the next committee meeting will be on Tuesday 28<sup>th</sup> September 2021 at 06:30 pm

### **7. Vote of Thanks**

The meeting ended with vote of thanks delivered by the Honorary Secretary Dr. D. Elango.



## KANCHEPURAM LOCAL CENTRE

Annual Report 2020-21

## MEMBERSHIP STATUS

S.NO	DIVISION LIST	MEMBER STATUS
1	AG	1
2	AR	3
3	AS	9
4	CH	46
5	CP	123
6	CV	788
7	EL	441
8	EN	17
9	ET	418
10	MC	708
11	MM	9
12	MN	6
13	MR	17
14	PR	67
15	TX	8

List of Corporate Members Attached to Kanchipuram Local Centre on 31st MARCH

2021: 2661



## KANCHEPURAM LOCAL CENTRE

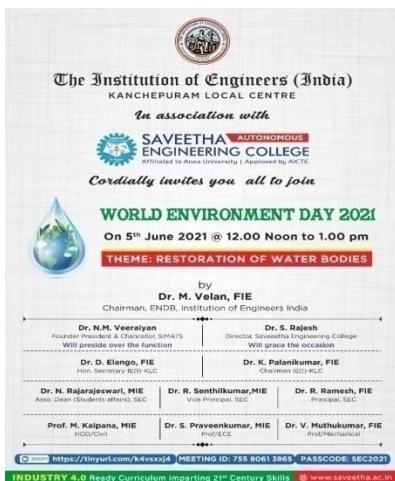
Annual Report 2020-21

### STUDENT CHAPTERS ADDED

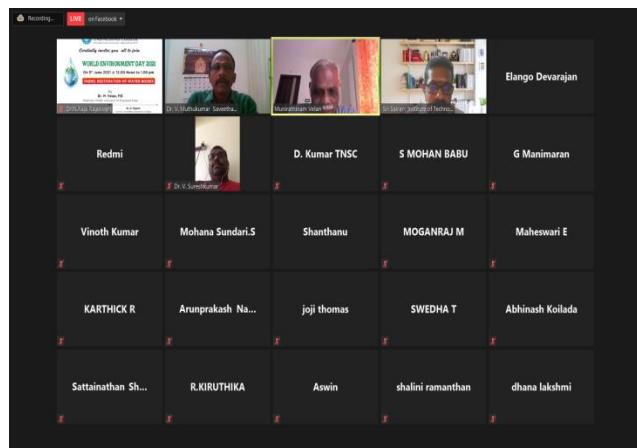
- Sri Sai Ram Institute of Technology
- Agni College of Technology
- ST. Joseph's Institute of Technology
- Academy of Maritime Education and Training (AMET)  
Deemed to be University,
- Sri Venkateswara Engineering College
- Dhanalakshmi srinivasan college of engineering and  
Technology
- Sri Sai Ram Engineering College
- Raja Lakshmi Engineering College
- Saveetha Engineering College
- KCG College of Technology
- Sri Sai Ram Polytechnic College
- Vels Institute of Science, Technology and advanced studies  
Chennai.



# TECHNICAL ACTIVITIES REPORT 2021



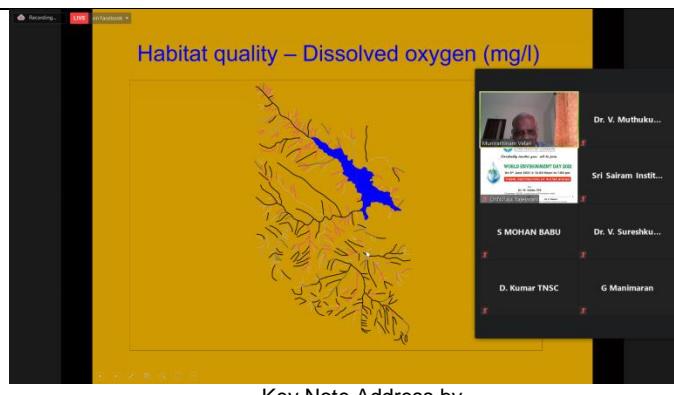
Poster of World Environment Day-2021Celebration



Welcome Address by Dr. K. Palanikumar, FIE, Chairman, IE(I)-KLC



Key Note Address by Dr.M.Velan,  
FIE, Chairman, ENDB, Institution  
of Engineers (India)



Key Note Address by  
Dr.M.Velan, FIE, Chairman,  
ENDB, Institution of  
Engineers (India)

## River Ecosystem

- Natural rivers and their floodplains are among the most complex and diverse ecosystems in the world.
- Rivers have been used for hundred of years for food, water, irrigation, electric generation, transport, discharge of pollutants, tourism and recreation
- These activities have been accomplished without properly considering ecosystem's environmental and conservation features.

Answering the participant question  
by Dr. D. Elango, FIE,  
Hon. Secretary, IE(I)-KLC

Vote of Thanks by Dr. V. Muthukumar, FIE, Ex-Officio, Council Member, IE(I)-KLC

# World Environment Day-2021

Date: 05/06/2021 (Saturday)

Time: 12.00 Noon to 1.00 pm

**Welcome Address:-**Dr. K. Palanikumar, FIE, Chairman, IE (I)-KLC have delivered the Welcome Address.

**Briefing of World Environment Day:** - Dr. D. Elango, FIE, Hon. Secretary, IE (I)-KLC have briefed about the importance of Celebrating World Environment Day.

**Guest Profile:** - Dr. N. Rajarajeswari, MIE, Asso. Dean (Students Affairs), SEC have introduced the Chief Guest.

**Key Note Address:-**Dr.M.Velan, FIE, Chairman, ENDB, Institution of Engineers (India) have delivered the key note address on the World Environment Day-2021celebration with the theme "Restoration of Water bodies".

**Q & A session:-**Prof. M. Kalpana, MIE, HOD/Civil, SEC have facilitated Q & A session.

**Vote of Thanks:-**Dr. V. Muthukumar, FIE, Ex-Officio, Council Member, IE (I)-KLC have delivered the vote of thanks.



The poster is for the 'TechEarthia' competition organized by The Institution of Engineers (India) Kancheepuram Local Centre on the occasion of Earth Day. The theme is 'Earth's improvement using technology'. The competition includes Poster making, Photography, Logo design, and Spill the ink. The last date to submit is 20th April 2021. Results will be announced on 22nd April 2021. E-Certificates will be provided separately for winners and participants. Faculty Co-ordinator: Mr. G. Narendra Kumar, Assistant Professor, Department of Biotechnology. Student Organizers: Ms. Swathy T, Ms. Sabitha S, Department of Biotechnology. Convener: Dr. S. Karthikeyan, Associate Professor. Patrons: Dr. Mariazeena Johnson, Chancellor; Dr. Marie Johnson, President; Ms. Maria Bernadette Tamilarasi Johnson, Vice President; Dr. T. Sasipraba, Vice-Chancellor. Registration Link: <https://tinyurl.com/techearthia>

**FACULTY CO-ORDINATOR**  
Mr. G. Narendra Kumar  
Assistant Professor,  
Department of Biotechnology

**STUDENT ORGANIZERS**  
Ms. Swathy T  
Ms. Sabitha S  
Department of Biotechnology

**CONVENER**  
Dr. S. Karthikeyan  
Associate Professor

**PATRONS**  
Dr. Mariazeena Johnson  
Chancellor  
Dr. Marie Johnson  
President  
Ms. Maria Bernadette Tamilarasi Johnson  
Vice President  
Dr. T. Sasipraba  
Vice-Chancellor

For More information, mail us at: [sistieibiotech@gmail.com](mailto:sistieibiotech@gmail.com)

Name of the centre	<b>Kancheepuram Local centre</b>		
Topics Covered:	<b>Earth's improvement using technology</b>		
Webinar competition ✓	FDP		
Workshop			
Student level/Faculty Level/Both	<b>Both</b>		
Date / time/ Duration of the Programme, No of Days	<b>17.04.2020 - 20.04.2021, 4 days</b>		
Speaker Details	-		
Number of Participants	National		International
	Internal	External	
	14	19	1
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizers	<b>Mr. G. Narendra Kumar (Faculty) Ms. Swathy T and Ms. Sabitha S (Student)</b>		
Zoom Meeting ID	-		
YouTube link	-		

#### Brief of the program:

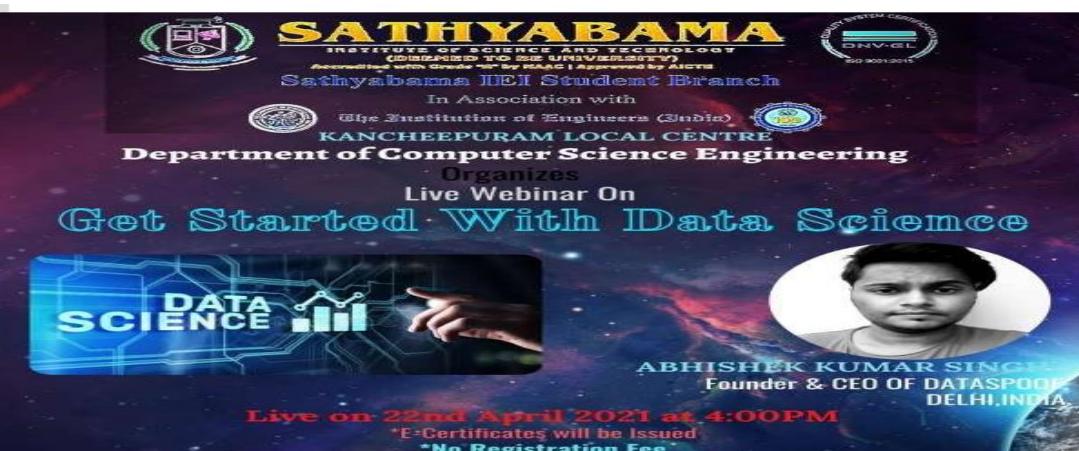
The IEI KLC Student branch of Sathyabama Institute of Science and Technology, Chennai conducted an event called “Techearthia” dated on 22.04.2021 on the occasion of Earth day. The theme was “Earth’s technological improvement”. Techearthia is a competition that includes poster making, logo design, caption writing, spill the ink and photography. On the whole 34 participants have sent their posters, captions, poetry, logos and photography based on the theme given. 10 students participated in poster making, 8 students participated in logo design, 6 students participated in caption writing, 4 students participated in spill the ink and 6 students participated in photography. 3 days of time were given for the participants to submit their work. The top 2 best posters, captions, logos, poetry and photos were selected by the organizers and awarded them first place and second place. The results were declared on 22.04.2021 on the occasion of Earth day. E-certificates have been issued to the participants.



### Outcome of the program:

This event was to get the innovative and creative ideas out of people's minds. The winners were selected based on novelty in creation and innovation. 34 people were participated and E- certificates have been issued to them separately for winners and other participants. This webinar was more informative and gave participants.

## Get Started With DataScience



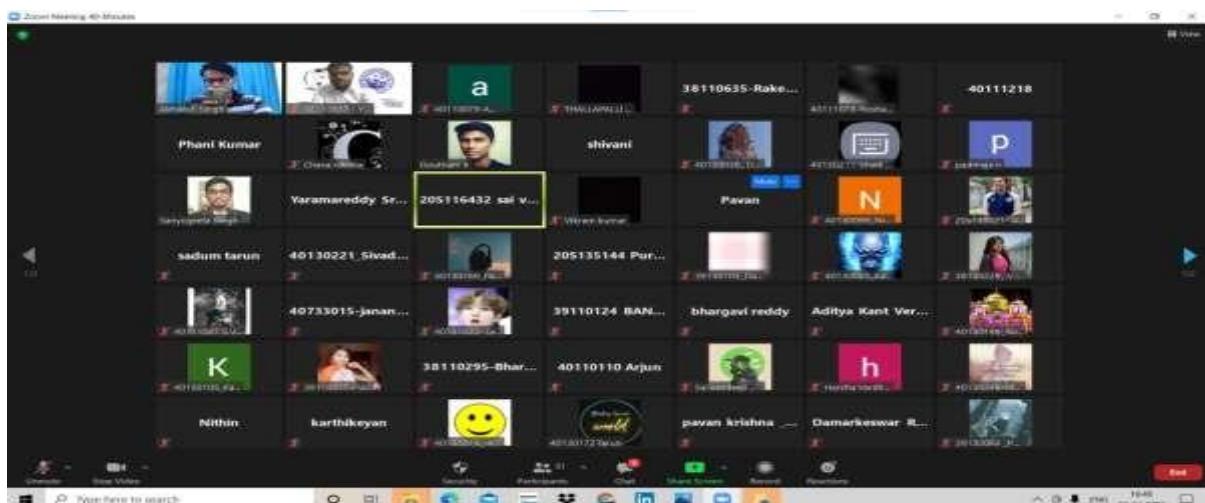
Name of the centre	Kancheepuram Local centre		
Title of the Programme:	<b>Webinar on Get Started with Data Science</b>		
Topics Covered:	<b>Data Science</b>		
Webinar	<input type="checkbox"/>	FDP	
Training		Workshop	
Student level/Faculty Level/Both	<b>Both</b>		
Date / time/ Duration of the Programme, No. of Days	<b>22/04/2021, 04.00 pm, 1 hour</b>		
Speaker Details	<b>Mr. Abhishek Kumar Singh, Machine Learning Engineer, Founder &amp; CEO of Data Spoof</b>		
Number of Participants	National		International
	Internal	External	
	<b>156</b>	<b>NIL</b>	<b>NIL</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizer	<b>Dr. B. Bharathi (Professor) Mr. Yadla Venkatesh (Student)</b>		
<b>Zoom Meeting ID</b>	<b>774 816 9325</b>		
YouTube link	<a href="https://www.youtube.com/channel/UCIqUHnfhqu8stSUpmQ8_xbA"><b>https://www.youtube.com/channel/UCIqUHnfhqu8stSUpmQ8_xbA</b></a>		

## **Brief of the program:**

The IEI KLCStudent branch of Sathyabama Institute of Science and Technology, Chennai conducted a Webinar on Get Started with Data Science dated on 22.04.2021 (Thursday).

Mr. Abhishek Kumar Singh has hosted the session and explained about the processes and needs of Data Science.

Data scientists examine which questions need answering and where to find the related data. They have business acumen and analytical skills as well as the ability to mine, clean, and present data. Businesses use data scientists to source, manage, and analyze large amounts of unstructured data. This event was more informative and increased interest among participants to do more project in this field. 156 participants have registered online and got benefitted. E- certificates have been issued to them individually. The meeting was convened by Dr. S. Karthikeyan, FIE, IEI Co-ordinator along with the faculty Dr. B. Bharathi Department of CSE and Mr. Yadla Venkatesh, III year of CSE Department, Sathyabama Institute of Science and Technology, Chennai.



## **Outcome:**

This event was more informative and increased interest among participants to do more project in the field of Data Science. 156 participants have registered online and got benefitted. E- Certificates have been issued to them individually.

### 13. Webinar on Molecular Biology and Genetics



Name of the centre	Kancheepuram Local centre		
Title of the Programme:	Webinar on Molecular Biology and Genetics		
Topics Covered:	Biotechnology & Genetic Testing		
Webinar	<input type="checkbox"/>	FDP	
Training	<input type="checkbox"/>	Workshop	<input type="checkbox"/>
Student level/Faculty Level/Both	Both		
Date / time/ Duration of the Programme, No of Days	01/05/2021, 06.00 pm, 1 hour		
Speaker Details	Mr. Mehmet Eraslan ,Molecular biologist,Turkey		
Number of Participants	National		International
	Internal	External	
	96	57	01
Names of the Convener	Dr. S. Karthikeyan		
Names of the Organizer	Dr.R.M.JOANY (Professor) Mr.YadlaVenkatesh (Student)		
Zoom Meeting ID	84355428946		
YouTube link	<a href="https://www.youtube.com/channel/UCIqUHnfhqu8stSUpmQ8_xbA">https://www.youtube.com/channel/UCIqUHnfhqu8stSUpmQ8_xbA</a>		

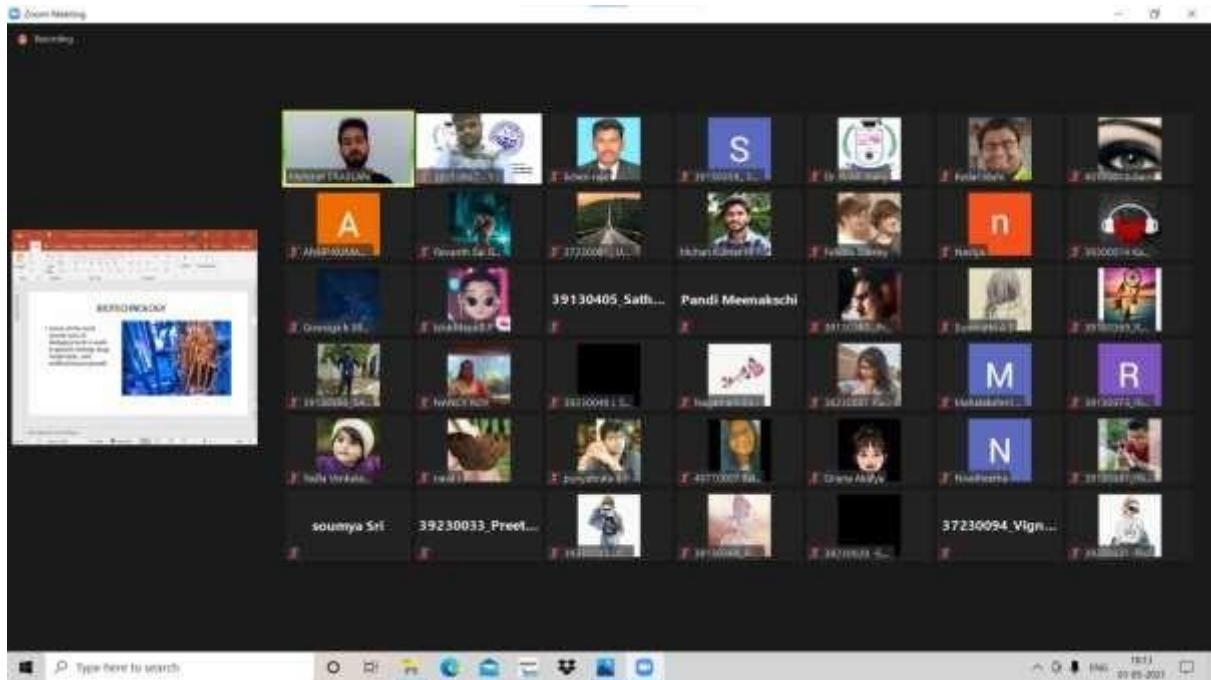


### Brief of the program:

The IEI KLC Student branch of Sathyabama Institute of Science and Technology, Chennai conducted a Webinar on Molecular Biology and Genetics dated on 01.05.2021 (Saturday). Mr. Mehmet Eraslan has hosted the session and explained about the molecular biology and genetics. Molecular biologists examine which questions need answering and where to find the related info. He discussed on CRISPR - TİSSUE NANO TRANSFECTİON BİOİNFORMATİK. Some of the most recent uses of biological tech are work in genetic testing, drug treatments, and artificial tissue growth. CRISPRs are specialized stretches of DNA and are used in medical biotechnology as a tool to edit genomes. There are many applications, like correcting genetic defects, treating diseases, preventing the spread of diseases, improving crops, and more. This event was more informative and increased interest among participants to do more research in this field. 155 participants have registered online and got benefitted. E-certificates have been issued to them individually. The resource is from Turkey. The meeting was convened by Dr. S. Karthikeyan, FIE, IEI co-ordinator along with the faculty Dr. R. M. Joany, MIE Department of ECE and Mr. Yadla Venkatesh, III year of CSE Department, Sathyabama Institute of Science and Technology, Chennai.

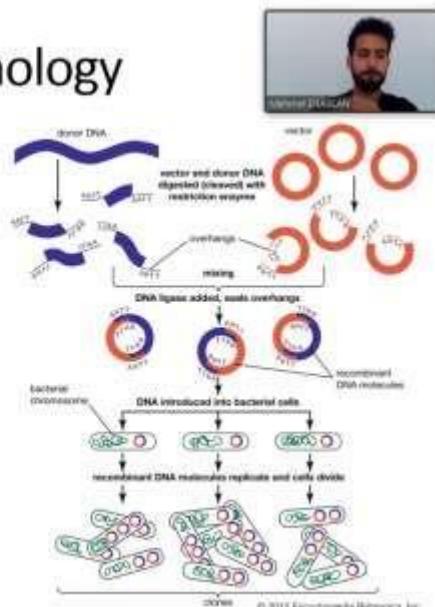
### Outcome:

This event was more informative and increased interest among participants to do more research in the field of Molecular Biology and Genetics. 155 participants have registered online and got benefitted. E-certificates have been issued to them individually.



## Recombinant DNA technology

- Recombinant DNA technology is combining DNA molecules from two different species, and then inserting that new DNA into a host organism
- The genetically modified products are able to perform better than the regular medicine or produce



Name of the Centre	Kancheepuram Local Centre, Chennai		
Title of activity	<b>One day Seminar on “Global Maritime Opportunities and Challenges in the New Decade”</b>		
VENUE	Academy of Maritime Education and Training (AMET) Deemed to be University		
Date	18.05.2021	Time	10.00AM to 12.00 PM



Inaugural and Welcome address by  
Dr.T.Sasilatha, Dean –  
EEE



**Resource Person:**  
Mr.Gunashaker Kannan  
Chief EngineerSynergy Maritime Pvt  
Ltd

**The Future for Seafarers**

- RISING THE GENDER IMBALANCE.
- RETENTION ISN'T, LOW EMPLOYEE RETENTION RATES IN SHIPPING COMPANIES.
- SHORTAGE OF QUALIFIED SEAFARERS.
- INCREASED AUTOMATION OF JOBS AND TASKS.
- SHORE BASED JOB OPPORTUNITIES IN COMMERCIAL, CHARTERING, MANAGEMENT, MAINTENANCE AND TECHNICAL DEPT.

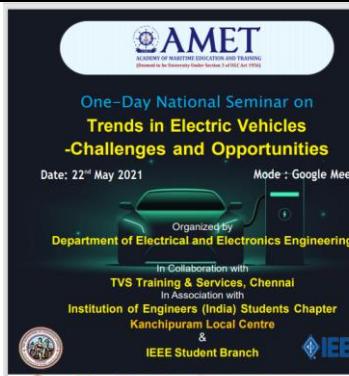
**Challenges faced by shipping industry in the new decade due to COVID - 19 ...**

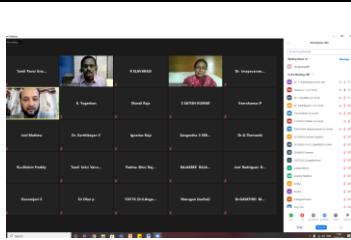
- Increasing number of seafarers.
- Re-laying crew a challenging issue.
- Crew welfare issues & lack of access to human rights.
- Delays in supply, inspection and sending of emergency equipment.
- Router delays, increased instance of engine damage.
- Cargo delay and change of port as supply chain can under strain.

**Institution of Engineers (India) KANCHEPURAM LOCAL CENTRE  
student's chapter**  
**ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) Deemed to be University**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**One Day National seminar on**  
**Global Maritime Opportunities and Challenges in the New Decade**  
**Date: 18<sup>th</sup> May 2021 Time: 10.00 AM to 12.00 PM, Venue: VirtualMode(Google Meet)**

**Inaugural and Welcome address** was delivered by **Dr.T.Sasilatha, Professor and Dean, EEE, AMET**. Besides she emphasized the importance of this workshop to the students by making use of the provided amenities. Coordinator Dr.S.Priya, Professor, Department of EEE introduced the Resource Person and delivered his experience and expertise as Chief Engineer which would grab the attention of the students to fully concentrate on the session. Our session Guest Mr.Gunashaker Kannan, Chief Engineer, Synergy Maritime Private Limited delivered the guidance for their career and discussed the importance of advent courses and also guided them to groom their skills required to grab employment and to develop their skills.

Also he discussed about the opportunities available in the Maritime Sector and also the challenges they may face while go for sailing. Then at the end of the session Resource person interacted with the students and answered all their questions related to the challenges they may face as ETO officer and also what would be jobs they will have to do in the onboard ships. Subsequently, Organizing Secretary Mrs.J.Padmapriya, Assistant Professor of EEE thanked everyone in the meeting for their involvement and wished the students to achieve success in their career. A total of 72 participants got their E-certificate

<b>Name of the Centre</b>	Kancheepuram Local Centre, Chennai		
<b>Title of activity</b>	One day Seminar on “TRENDS IN ELECTRIC VEHICLES – CHALLENGES AND OPPORTUNITIES”		
<b>venue</b>	Academy of Maritime Education and Training (AMET) Deemed to be University		
<b>Date</b>	22.05.2021	<b>Time</b>	9.00AM to 4.00PM
	 <b>Dr T.Sasilatha</b>	 <b>Dr. V. Karthikeyan</b>	Coordinator: <b>Dr.V.Karthikeyan</b> Professor-EEE, Delivered the welcome Address
<b>Brochure</b>	<b>Inaugural Address</b> <b>Dr.T.Sasilatha, Dean -EEE</b>		



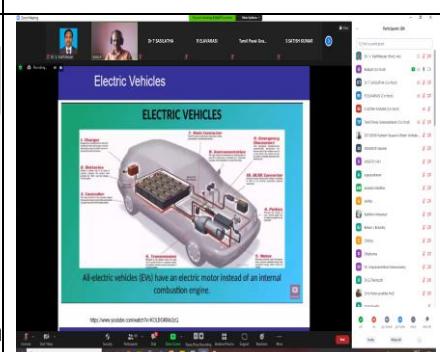
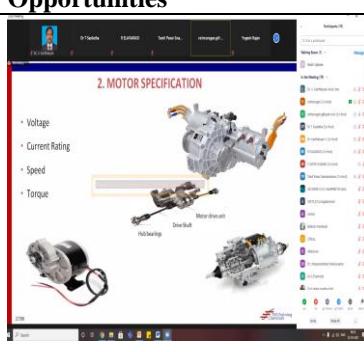
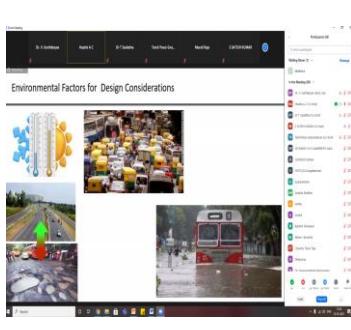
Screenshot taken during one of the Sessions



Session II Speaker:**Mr. A.C. fa**  
*Domain Head – Electric and Hybrid Vehicle Technology, Ashok Leyland Ltd., Chennai*  
“xEV: Design Trends and Opportunities”



**Mr. B. BALAJI**, General Manager (Rtd.), Ashok Leyland, Chennai on Emerging Opportunities in EV evolution



### Institution of Engineers (India) KANCHEPURAM LOCAL CENTRE student's chapter

ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) Deemed to be University  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day National seminar on  
TRENDS IN ELECTRIC VEHICLES – CHALLENGES AND OPPORTUNITIES

*In Collaboration with TVS Training & Services, Chennai*

Date: 22<sup>nd</sup> May 2021 Time: 9:00 am to 4:00 PM , Venue: Virtual Mode (ZOOM)

Welcome address was given by Mrs. R. Elavarasi, Assistant Professor, EEE, AMET, Chennai. Inaugural address was delivered by Dr. T. Sasilatha, Professor and Dean, EEE, AMET. She extended her warm welcome to the resource persons of high profile from leading automobile industries like Ashok Leyland and TVS Training & Services, Chennai and all the participants.

The technical session - I was delivered by Mr. G. Velmurugan, Senior Manager-Training, TVS Training & Services on “Conversion of Conventional Vehicle to Electric Vehicle”. Mr. G. Velmurugan has provided an intricate detail about conversion of conventional vehicle to Electric and Hybrid Electric Vehicle which is an alternative for fuel based vehicle. The technical session - II was on the topic of “xEV: Design Trends and Opportunities”. The guest speaker was Mr. A.C. Huzeifa, Domain Head – Electric and Hybrid Vehicle Technology, Ashok Leyland Ltd., Chennai. He explained about the different commercial considerations in the design of Electric and Hybrid Electric vehicles and showed various electric vehicles launched by different countries. The session was very beneficial and provided an insight on the various challenges associated with Electric Vehicles.

The technical session - III was delivered by Mr. B. BALAJI, General Manager (Rtd.), Ashok Leyland, Chennai on Emerging Opportunities in EV evolution. He addressed about the importance of Electric

Vehicle in day today life. He explained the emerging need for Electric vehicles which is going to rule the future vehicle industry due to the scarcity and increase in the price of fossil fuel.

Total of 108 participants from all over the country, Faculty, Students and Research scholars from AMET and other institutions have attended the seminar and benefitted. The seminar came to end with the vote of thanks by Dr.V.Karthikeyan, Professor of the Department

<b>Name of the Centre</b>	Kanchipuram Local Centre, Chennai		
<b>Title of activity</b>	GUEST LECTURE: Advanced Technologies in onboard ships		
<b>venue</b>	Academy of Maritime Education and Training (AMET) Deemed to be University		
Date	19 <sup>th</sup> May 2021 on google meet	Time	<b>3.00 pm to 4.30 pm</b>



Welcome Address by Dr.T.Sasilatha ,  
Dean-EEE

**Resource Person explaining problems faced  
in starters and how to rectify**

***key points in Advanced  
Technologies used onboard***

**Institution of Engineers (India) KANCHEPURAM LOCAL CENTRE  
Student's chapter**

**ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) Deemed to be University  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Guest Lecture

Advanced Technologies in onboard ships

19<sup>th</sup> May 2021 (3.00 pm to 4.30 pm )Through Google meet

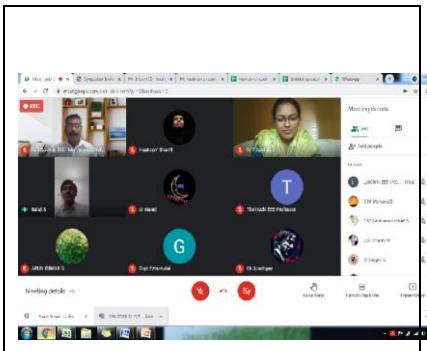
Guest Lecture on “Advanced Technologies in onboard ships” was conducted on virtual mode through google meet link, for AMET undergraduate students to aware of Advanced technologies in onboard ships. The Lecture was delivered by Mr. A. Gokul Nath, Electro Technical Officer, Fleet Management. Nearly 91 participants Registered in this programme and maximum of 88 members attended the session.

**Points Discussed in the programme:**

- The Technology used in onboard ships.
- Comparison between technology used in onshore and offshore
- Various kinds of starters used in ships
- Types of sensors
- Calibration of sensors
- How to use Potentiometer
- Steering Gear system
- Autopilot system
- Navigation system
- Synchronization of Generators
- Fire detection systems
- Cargo cranes

The session was very interactive and useful for the students

<b>Name of the Centre</b>	Kancheepuram Local Centre, Chennai		
<b>Title of activity</b>	National Level Technical Symposium ELYTRICO-2K21		
<b>venue</b>	Academy of Maritime Education and Training (AMET) Deemed to be University		
Date	20 <sup>th</sup> May 2021	Time	09.30AM to 05.00 PM

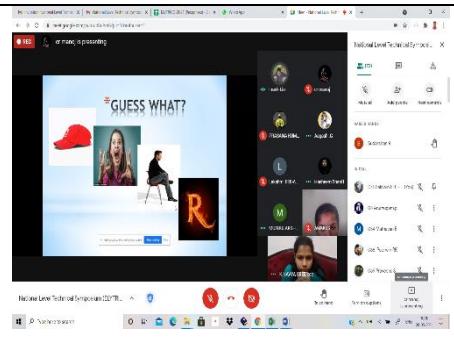


**Chief Guest Address by  
Mr.S.Balaji, Scientist-F, DRDO**

A screenshot of a video conference. On the left, there is a large image of a traditional oil lamp (Kuthuvilakku) being lit. The participant list on the right shows several people, including "Saranya", "Nisha", "Rajesh", "Murali", "Sasi", "Sasi", "Sasi", "Sasi", and "Sasi".

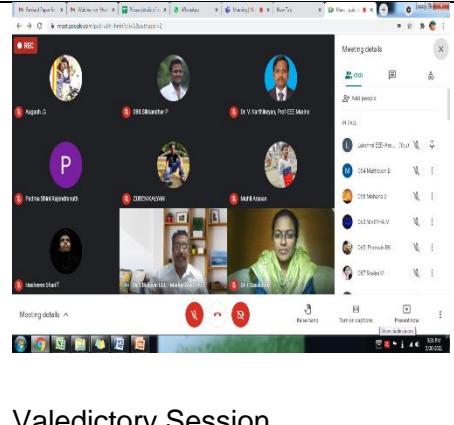
**Inaugural Session-  
digital lighting of  
Kuthuvilakku**

**Delivering the  
Symposium Address by  
Dr.T.Sasilatha, Dean-EEE**

A screenshot of a video conference. On the left, there is a large image of a robotic device or project setup. The participant list on the right shows several people, including "Sasi", "Sasi", "Sasi", "Sasi", "Sasi", "Sasi", "Sasi", and "Sasi".

**Event Photos - Project  
Presentation**

**Debugging of Arduino  
Programming**



**Institution of Engineers (India) KANCHEPURAM LOCAL CENTRE  
student's chapter**

**ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) Deemed to be University  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**KANCHEPURAM LOCAL CENTRE**

**National Level Technical Symposium  
ELYTRICO-2K21**

**20<sup>th</sup> May 2021 at 9:30 AM through Google meet**

National Level Technical Symposium (ELYTRICO-2K21) presented an open forum for researchers and engineers to exchange the latest innovations and research advancements. Scientist from DRDO was invited to share his technical

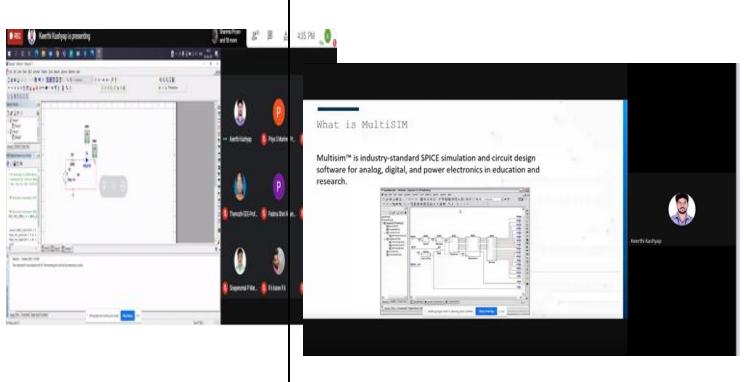
knowledge and experience. This symposium provided a platform for knowledge sharing and exchange on breakthrough ideas. The various events conducted in the symposium provided exposure to erudite work by the Engineering students. The winners of various events are awarded with cash prizes.

### **Events arranged for the Symposium**

Technical Quiz, Project Presentation, Debugging of Arduino Programming, Poster Design Contest, Short Film, Bioscope, Logo Contest and Games.

Valedictory address was delivered by Dr.T.Sasilatha, Professor and Dean EEE, AMET, Vote of Thanks was given by Mr.R.Gokulraj, Student, III year B.E, Department of EE

<b>Name of the Centre</b>	Kanchipuram Local Centre, Chennai		
<b>Title of activity</b>	Two Days Seminar on “Modeling and Simulation of Power Electronic Equipments using Multisim”		
<b>VENUE</b>	Academy of Maritime Education and Training (AMET) Deemed to be University		
Date	4.06.2021 and 5.06.2021	Time	04.00 PM to 06.00 PM



**Institution of Engineers (India) KANCHEPURAM LOCAL CENTRE**

**student's chapter**

**ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) Deemed to be University  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**One Day National seminar on**

Two Days Seminar on “Modeling and Simulation of Power Electronic Equipments using Multisim”

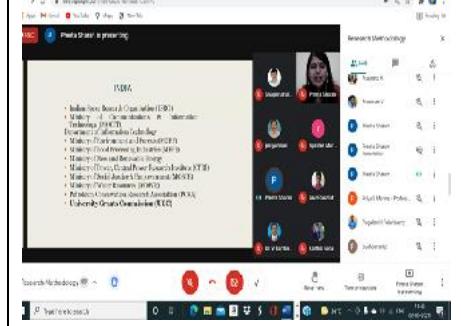
**Date: 18<sup>th</sup> May 2021 Time: 10.00 AM to 12.00 PM, Venue: Virtual Mode (Google Meet)**

The ultimate objective of conducting this Workshop is to **use simulation tools to develop power converters and motor drive systems.** Our Program Coordinator Dr.T.Sasilatha, Professor and Dean of Department of EEE welcomed the gatherings. Then Our Coordinator Dr.S.Priya, Professor, Department of EEE presented the overview of the workshop as The model offers the possibility to evaluate the different configurations of a device and to explore the effects of different parameter combinations and to understand, for example, how the characteristics of the components affect efficiency and

response time, which would grab the attention of the students to fully concentrate on the session. Then Our Coordinator Mrs.Jegatheeswari, Assistant Professor, Department of EEE introduced the Resource Person and delivered his experience. Our session Guest Mr.Keerthi kashyap, Application Engineer, VVDN Technologies, Bengaluru delivered the modelling of power electronic systems using the Multisim Software. In this workshop, Guest discussed the models of the use of fully-controlled, semi controlled and non-controlled switches in the field of power static converters. The session concludes with two practical examples of simulation of power electronics systems. Subsequently, Organizing Secretary Mr.R.Karthickmanoj, Assistant Professor of EEE thanked everyone in the meeting for their involvement and wished the students to achieve success in their career. A total of 72 participants got their E-certificate.

<b>Name of the Centre</b>	Kanchipuram Local Centre, Chennai		
<b>Title of activity</b>	<b>Two Days National seminar on Research Methodology</b>		
<b>Venue</b>	Academy of Maritime Education and Training (AMET) Deemed to be University		
<b>Date</b>	<b>01.06.2021 and 2.6.2021</b>	<b>Time</b>	10.00 AM to 12.00 PM

<p>Inaugural and Welcome address by Dr.T.Sasilatha, Dean -EEE</p>	<p><b>Session I on AI enabled Research Methodology:A roadmap to NEP</b></p> 
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<p><b>TECHNICAL TALK ON</b></p> <p><b>Proposals Writing Technique for External Funding</b></p> <p>3rd JUNE (11.30 AM) VENUE: EEE DEPT. AMET</p> 	<p><b>Speaker explains about the funding agencies</b></p> 
<p><b>Session II on Proposal Writing Techniques for External Funding</b></p>	

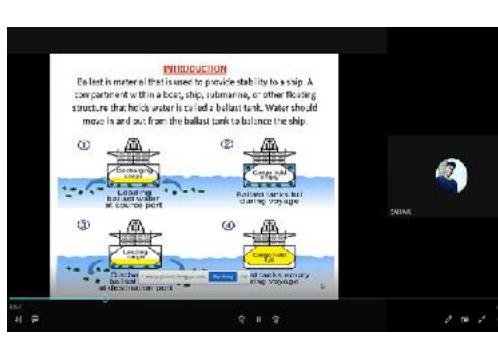
**Institution of Engineers (India) KANCHEPURAM LOCAL CENTRE  
student's chapter**  
**ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) Deemed to be University**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Two Days National seminar on  
Research Methodology**

**1<sup>ST</sup> JUNE 2021 (Tuesday) & 2<sup>nd</sup> JUNE 2021 (Wednesday)**  
**11.30AM to 12.30 PM through Google meet**

The seminar emphasis the impact of Artificial Intelligence in research methodology. Modern tools required for carrying research work using AI will be explored. A forum to learn the sources for submitting the projects and provide chance to write a project proposal in an effective manner.

The sessions were very interesting, informative, interactive and useful for the participants. around 107 participants from various Institutions have registered for the seminar from all over the State. In Session I, Dr.Manpreet Singh Manna Former Director AICTE elaborated the Modern tools Available for AI based Research. He also emphasis on the quality research. In Session II, Dr. Preeta Sharan explained about writing an effective proposal. She gave the list and opportunities available in various funding agencies. The participants were more interactive and benefitted. Dr.G.Themozhi, Professor/EEE expressed her sincere thanks to the resource persons and all the participants.

<b>Name of the Centre</b>	Kanchipuram Local Centre		
<b>Title of activity</b>	GUEST LECTURE: Latest Technologies in Ballast Water Management System		
<b>Venue</b>	Academy of Maritime Education and Training (AMET) Deemed to be University		
Date	<b>6<sup>TH</sup> JUNE 2021</b>	Time	02.00 PM to 03.30 PM
	 <p><b>FUNCTION</b> Ballast is material that is used to provide stability to a ship. A compartment within a boat, ship, submarine, or other floating structure that holds water is called a ballast tank. Water should move in and out from the ballast tank to balance the ship.</p> <ol style="list-style-type: none"><li>① Loading ballast water at port</li><li>② Carrying ballast water during voyage</li><li>③ Discharging ballast water at port</li><li>④ Replenishing ballast water during voyage</li></ol>		
<b>Mr.Deewakar Sourabh addressing the gathering</b>	<b>Need for Ballast Water system</b>		

**ABOUT THE SYSTEM**

The purpose of the Ballast Water Management System is to minimize the transfer of non-indigenous harmful aquatic organisms and pathogens from one port to another carried out through the ship's ballast water system. Harmful marine species are one of the four greatest threats to the world's oceans.

A typical ballast water treatment system is based on a combination of two technologies together to ensure that the treated ballast water is of high standards.

The main types of ballast water treatment technologies available in the market are:

- Filtration Systems (physical)
- Chemical treatment (oxidizing and non-oxidizing biocides)
- De-oxygenation treatment
- Heat (thermal treatment)
- Acoustic (oscillation treatment)
- Electrical pulse/electric
- Magnetic field treatment

**TREATMENT STAGES OF BALLAST WATER MANAGEMENT SYSTEM**

```

graph LR
    BW[Ballast Water] --> P1[Ballast Water Pump]
    BW --> P2[Ballast Water Pump]
    P1 --> T1[Treatment System A]
    P2 --> T1
    T1 --> T2[Treatment System B]
    T2 --> T3[Treatment System C]
    T3 --> BW2[Ballast Water]
    T3 --> D1[Desalination Unit]
    T3 --> D2[Desalination Unit]
    D1 --> BW2
    D2 --> BW2
    D1 --> T4[Treatment System D]
    D2 --> T4
    T4 --> BW2
    T4 --> D3[Desalination Unit]
    D3 --> BW2
    
```

The flowchart illustrates the treatment stages of a ballast water management system. It starts with 'Ballast Water' entering the system via two pumps. The water then passes through three sequential treatment units (T1, T2, T3). After the third treatment unit, the water can either be released back into the ballast system or sent to a 'Desalination Unit'. If desalination is chosen, the treated water is then released back into the ballast system. Alternatively, the treated water can be sent to a fourth treatment unit (T4) before being released back into the ballast system. Finally, the treated water is sent to a 'Ballast Water Tank' and then to a 'Desalination Unit'.

## **Treatment stages of Ballast water Management system**

## **Institution of Engineers (India) KANCHEPURAM LOCAL CENTRE student's chapter**

**ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) Deemed to be University  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

## Guest Lecture

# Latest Technologies in Ballast Water Treatment System

**6<sup>th</sup> June 2021 (02.00 PM to 03.30 PM) Through Google meet**

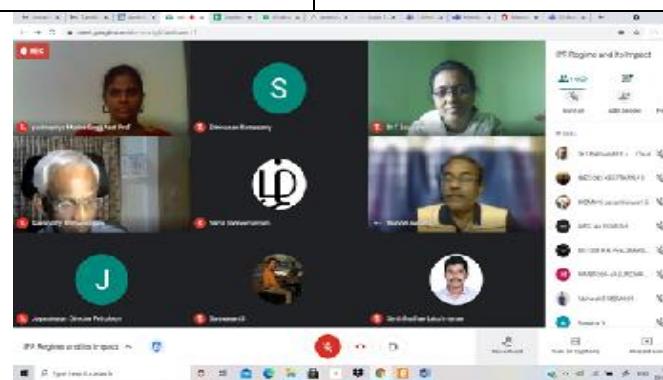
Guest Lecture on “Latest Technologies in Ballast Water Treatment System” was conducted on virtual mode through google meet link, for AMET undergraduate students to aware of Ballasting and De-ballasting of water for the stability of ships. The Lecture was delivered by Mr. Deewakar Sourabh, Assistant Electrician, Golden Jake Singapore /Bulk Carrier. Nearly 57 participants Register in this programme and maximum of 55 members attended the session.

### **Points Discussed in the programme:**

- ❖ *Need of Ballast Water system*
  - ❖ *Various types of Ballast water treatment technologies*
  - ❖ *Treatment stages of Ballast water Treatment system*

The session was very interactive and useful for the students

<b>Name of the Centre</b>	Kanchipuram Local Centre, Chennai		
<b>Title of activity</b>	One day Seminar on “ <b>Intellectual Property Rights Regime and its Impact</b> ”		
<b>venue</b>	Academy of Maritime Education and Training (AMET) Deemed to be University		
Date	18.05.2021	Time	10.00 AM to 12.00 PM

<p>Program Convener Dr.T.Sasilatha welcomed the gatherings and emphasized the importance of this workshop</p>	<p>Presidential address by Col.Dr.G.THIRUVASAGAM Vice Chancellor AMET Deemed to be university</p>	<p>Resource Person Mr. A. Raja, Assistant Controller of Patents &amp; Designs, Patent Office,</p>
<p>Inagural address by Dr R Srinivasan Member Secretary Tamil Nadu State Council for Science and Technology, (TNSCST) Govt. of India. Chennai</p>		<p>Our session speaker Dr. Salman Abdul Moiz Professor University of Hyderabad</p>

### Institution of Engineers (India) KANCHEPURAM LOCAL CENTRE

student's chapter

**ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) Deemed to be University**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**One day Workshop on Intellectual Property Rights Regime and its Impact**

***In collaboration with***

**Tamil Nadu State Council for Science and Technology, (TNSCST) Govt. of India. Chennai.**

**Date: 25.05.2021 Time: 09.30 AM to 04.00 PM, Venue: Virtual Mode (Google Meet)**

The main objective of conducting Online Workshop is to explore the Importance of Intellectual Property Rights and its fundamental steps to filling the patent available in various sectors. Our Program Coordinator Dr.T.Sasilatha, Professor and Dean of Department of EEE welcomed the gatherings and thanked Chairman, Vice Chancellor and the authorities. Besides she emphasized the importance of this workshop to the participants by making use of the provided amenities. Then Our Vice Chancellor **Col.Dr.G.THIRUVASAGAM**, gave presidential Address to all delicates and dignitaries. **Dr R Srinivasan** Member Secretary Tamil Nadu State Council for Science and Technology, (TNSCST) Govt.

of India. Chennai gives the significance of Intellectual Property Rights. Our Resource person Mr. A. Raja, Assistant Controller of Patents & Designs, Patent Office, Chennai has delivers the importance of Intellectual Property Rights .Our key note speaker **Mr S. Thangapandian** Deputy Controller of Patents *Patent Office, Chennai* has delivers the patents and design system in India and discuss the many feature of the patent filling,also clarify the doubts from the audition. Our session speaker **Dr. Salman Abdul Moiz** Professor University of Hyderabad has deliver elaborately about the conversion of paper in to patent. Our session speaker **Dr Deepa Boppana** Regd. Patent Agent and Consultant she has delivers the classification of patent filling and methods of filling its validity and ways to extend the validity of the patent. Subsequently, Our AMET Coordinator Dr.C Gnanavel,Assistant Professor, Department of EEE vote thanks to the management of AMET Deemed to be university Organizing committee membersand various institutions participants in all over India Mrs.J.Padmapriya, Assistant Professor of EEE thanked everyone in the meeting for their involvement and their active participation to achieve success in their event. A total of 146 participants got their E-certificate.

### **Report on The Institution of Engineers (India) -World Telecommunication & Information Society Day online guest talk on “Accelerating Digital Transformation in challenging times”**

Level: National

Title: Accelerating Digital Transformation in challenging times

Category: Guest talk

Date: 17.05.2021 @ 5.00 P.M

Name of the resource person: Dr.R.Narmadha,AP/ECE,Sathyabama Institute of science and technology

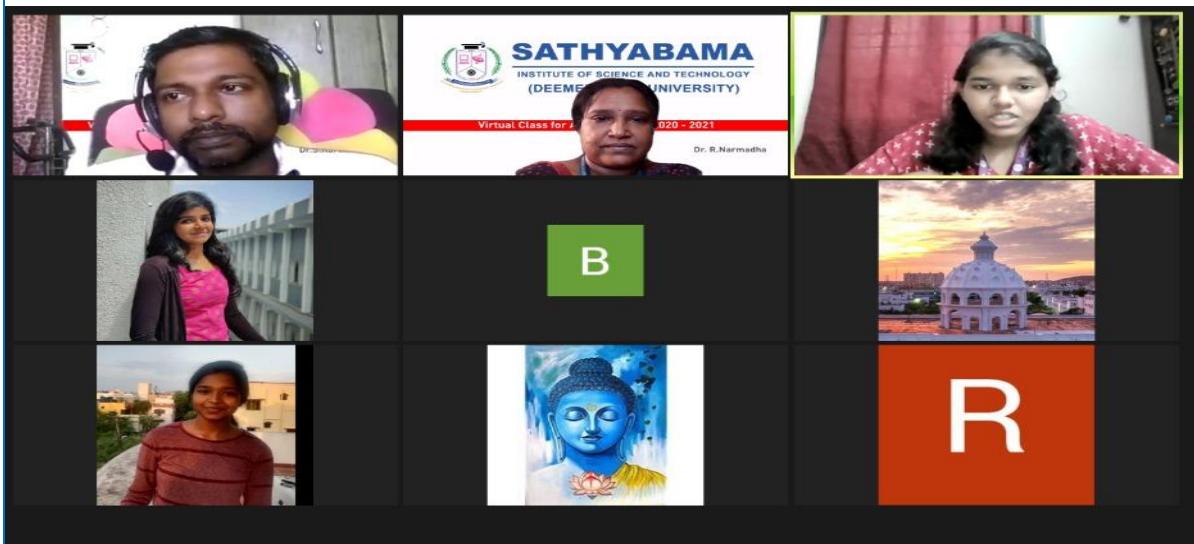
Organizers: The Institution of Engineers (India),KLC

Dr.S.Karthikeyan,FIE., Executive Committee Member of IE(I)-KLC

Dr.D.Elango,FIE., Honorary Secretary, IE(I)-KLC

Dr.K.Palanikumar,FIE.,Chairman,IE(I)-KLC

The Institution of Engineers (India), Kancheepuram Local Centre, celebrated World Telecommunication and Information Society Day 2021 by organizing a webinar on 17 May 2021 via zoom Meeting. The webinar session was based on the theme Accelerating Digital Transformation in Challenging Times. Dr.R.Narmadha , Associate professor, Department of ECE , Sathyabama Institute of science and technology, served to be the guest speakers for the session.The webinar was organized by Dr.S.Karthikeyan,FIE., Executive Committee Member of IE(I)-KLC , Dr.D.Elango,FIE., Honorary Secretary, IE(I)-KLC, Dr.K.Palanikumar,FIE.,Chairman,IE(I)-KLC.



**REPORT OF ALL INDIA SEMINAR/WORKSHOP ORGANISED BY CENTRES / OVERSEAS CHAPTERS**

Name of Centre / Overseas Chapter:	IEI KANCHEPURAM LOCAL CENTRE
Title of Activity:	All India Workshop On "FEA and FMEA in Mechanical Design"
Activity under Divisional Board	Mechanical Engineering
Date: 12 <sup>th</sup> & 13 <sup>th</sup> October 2021	Venue: Library Conference Hall- St.Joseph's Institute of Technology

Photo of Inaugural Session with banner of IEI

Photo of Technical Session

## **Report of All India Seminar/Workshop**

### **Brief Details about the Programme:**

A successful FEA & FMEA activity helps identify potential failure modes based on experience with similar products and processes—or based on common physics of failure logic. It is widely used in development and manufacturing industries in various phases of the product life cycle. Effects analysis refers to studying the consequences of those failures on different system levels.

Functional analyses are needed as an input to determine correct failure modes, at all system levels, both for functional FMEA or Piece-Part (hardware) FMEA. An FMEA is used to structure Mitigation for Risk reduction based on either failure (mode) effect severity reduction or based on lowering the probability of failure or both. The FMEA is in principle a full inductive (forward logic) analysis, however the failure probability can only be estimated or reduced by understanding the failure mechanism. Hence, FMEA may include information on causes of failure (deductive analysis) to reduce the possibility of occurrence by eliminating identified.

### **TOPICS COVERED IN THE PROGRAM**

- **FEA for Modern Engineering and Development**
- **Applications of Finite Element Methods**
- **Finite Element Mathematical Formulation**
- **Thermal Simulation of FSW for Predicting Defect free weld using Ansys**

#### **FEA for Modern Engineering and Development**

Finite Element Analysis or FEA is the simulation of a physical phenomenon using a numerical mathematic technique referred to as the Finite Element Method, or FEM. This process is at the core of mechanical engineering, as well as a variety of other disciplines. It also is one of the key principles used in the development of simulation software. Engineers

#### **Applications of Finite Element Methods**

- Impact tower for protective headgear per ASTM F1446
- Energy absorption test of a vehicle roll over protection structure
- Structural analysis of an advertising roof sign subject to pressure loads from 120km/h winds.
- Structural analysis of a structure subject to gyroscopic dynamic effects.
- Assessment of the structural integrity of an articulated seat variable loading of the actuators.

#### **Finite Element Mathematical Formulation**

This numerical calculation method is used in many fields of engineering and research and allows efficient and precise modelling the behavior of mechanical, thermal, or other complex systems. This method separates a complex geometry into a network of nodes and elements of simpler shape and equations, called a mesh.

#### **Thermal Simulation of FSW for Predicting Defect free weld using Ansys**

The model is validated by comparing the estimated welding temperature, processed zone shape and void size with those obtained experimentally. The results compared indicate that the simulated temperature and the data measured are in good agreement with each other. In addition, the model can predict the plasticized zone shape and the presence of a void in the weld quite accurately. However, the void size is overestimated. The effects of welding parameters and tool pin profile are also analyzed. The results reveal that welding at low welding speed or high tool rotational speed could produce a smaller void. Moreover, compared to a smooth tool pin, a featured tool pin can enhance plastic flow in the weld and achieve defect-free weldment. The results are helpful for the optimization of the welding process and the design of welding tools.

Name of Centre	Kancheepuram Local Centre		
Title of Activity	World Habitat Day		
Activity under Division Board	Statutory Days		
Date	04-10-2021	Venue	Online Seminar, St. Joseph's Institute of Technology



Yamini is presenting

Waste management - Air Pollution, How it happens?

- Solid waste creates several noxious gases such as
  - Suspended Sulphur Dioxide (SO<sub>2</sub>),
  - Oxides of Nitrogen (NO<sub>x</sub>),
  - Carbon Monoxide (CO),
  - Respirable Suspended Particulate Matter (RSMP) & Suspended Particulate Matter (SPM).

The dust released from various sources can produce a group of diseases ranging from simple cold to cancer.

6:31 PM | III Year A (2018 - 22)

6:15 PM | III Year A (2018 - 22)

Meet - wae-ezsb-talk

You have extensions installed that may affect the quality of your call

Learn more Dismiss

Yamini 42 others You

19-4094 Surya teja Dr Arun Vasanthi Geethan

19-4040 Jagadeeswaran 19-4106 Wesley J Kamalesan Sathish Kumar

19-4019-Bala Kumaran J 35 others You

People

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19-4104 Vigneshwaran.R 19-4106 Wesley J Kamale... ashwin kannan Dr Arun Vasanthi Geethan Dr. M. Chrispin Das HARI PRASAD S III MECH A St. Joseph's In...

# The Institution of Engineers (India)

Kanchipuram Local Centre

## St. Joseph's Institute of Technology Department of Mechanical Engineering

**WORLD HABITAT DAY, 04-10-2021**

**With Tamil Thaai Vazhthu the function started.**

Dr.K.Palanikumar., FIE., Chairman, Kanchipuram Local Centre presided over the function. In his Welcome Address, he explained the importance of engineering in all the fields, in this World. He also stated that after discussion, Dr.D.Iango Honorary Secretary IEI has been decided to have a Lecture on Engineering Impact in Electrical, Mechanical, Civil and Medical side in this day. Dr.K.Arun Vasantha Geethan HOD Mech staff affairs welcomed the Keynote Speaker Mrs. Yamini , Life skill Trainer, Chennai.

In the Keynote Address, Mrs. Yamini explained how carbon content has impacts on world globalization and explained with Power point Presentation.in her address explained, to what extent, latest engineering is playing a vital role in the waste management. He also explained the things by Power point Presentation.

Vote of Thanks was delivered by Mr. D.Arthur Jebastine Sunderraj, AP, Mech, St.Joseph's Institute of Technology.

**With National Anthem the function came to an end.**

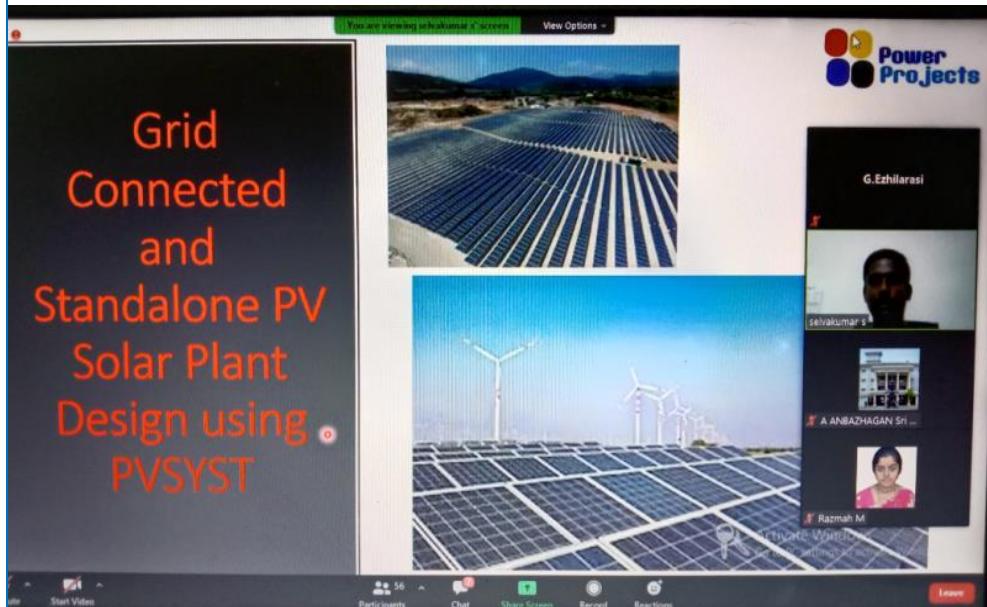
### **REPORT OF WENINAR ORGANISED BY CENTRES / OVERSEAS CHAPTERS**

Name of Centre / Overseas Chapter:	IEI Kanchipuram local Centre
Title of Activity:	WEBINAR ON ALTERNATIVE ENERGY-SOLAR AND SOLAR PV
Activity under Divisional Board	Electrical Engineering Division Board, IEI
Date:	07 th November 2020



Invitation:

Photos of Sessions



### **Report of Webinar on “Alternative Energy-Solar and Solar PV” details about the Programme**

Report of One day Seminar on “Provision of SCADA in Transmission and Distribution” was organized by Department of Electrical and Electronics Engineering,Sri Sairam Institute of Technology, Chennai in association with “The Institute of Engineers (India)”, Kanchipuram local centre under the aegis of Electrical and Electronics Engineering Division on 7<sup>th</sup> November, 2020.

During the inaugural session Dr. K. Palanikumar, Principal Sri Sairam Institute of Technology welcomed the gathering. He highlighted about IE (I), its various programs aimed for the development of students and opportunities that IEI presents to its members.

Mr.A.Anbazhagan, Head of Department, Electrical and Electronics Engineering presented inaugural address. His valuable address expressed the importance on the application of Alternative Energy-Solar and Solar PV.

The Key note address was delivered by Mr.S.Selva Kumar, Head Engineering & Design, Power Projects, and Chennai. and G.A Priyadarshika of III year EEE Department, Sri SaiRam Institute of Technology has proposed the vote of thanks.

After inaugural session, Mr.S.Selva Kumar, Head Engineering & Design, Power Projects Chennai, initiated the session. He focused on Alternative energy- Solar energy in power system. He also discussed about solar power generation, energy saving and implementation of solar energy and other renewable energy in power system, Grid connected solar PV system. He elaborated types of On- Grid Solar PV System and its working.

Finally the valedictory session was conducted by Mr.A.Anbazhagan, Head of Department, Electrical and Electronics Engineering. Feedback received from the participants .He detailed about Solar PV design and software, Optimal orientation and tilt angle for solar panels.

<b>Welcome Address</b>	Presented by Dr. K. Palanikumar, Principal Sri Sairam Institute of Technology,Chennai-44. Topic: Provision of SCADA in Transmission and Distribution.
Inaugural Address	Presentation by: Mr.A. Anbazhagan, Head of Department, Electrical and Electronics Engineering. Topic: Provision of SCADA in Transmission and Distribution.
<b>Session</b>	Presentation by: Mr.S.Selva Kumar, Head Engineering & Design, Power Projects, Chennai. Topic: Alternative Energy-Solar and Solar PV

## Webinar on SoftwareTesting

In Association with  
   
**The Institution of Engineers (India)**  
**KANCHEPURAM LOCAL CENTRE**  
 ORGANIZES  
 LIVE WEBINAR ON  
**SOFTWARE TESTING**





**NANDITA BERA,**  
TECHNOLOGY ANALYST, INFOSYS LIMITED,  
BANGALORE

**LIVE ON 10TH NOVEMBER 2020 AT 5.00 PM IST**

\*E-CERTIFICATE WILL BE ISSUED  
TO ALL ATTENDEES

**Organizer**  
Dr. R. M. Joany, MIE(Corporate Member)  
Assistant Professor

Meeting ID: 947 7681 2819  
Passcode: 337938

Zoom Link: <https://tinyurl.com/y5xba3wb>

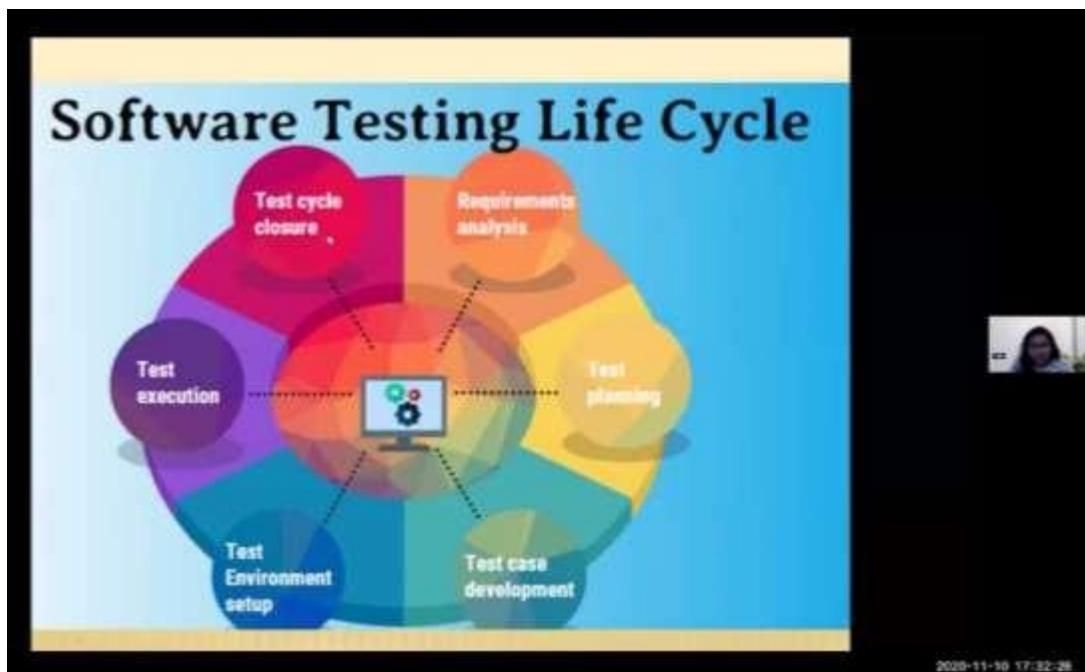
**Convener**  
Dr. S. Karthikeyan, FIE  
Head, IEI coordinator  
Associate Professor



Name of the centre	<b>Kanchipuram Local Centre</b>		
Title of the Programme:	<b>Software Testing</b>		
Topics Covered:	<b>Software Testing</b>		
Webinar	<input type="checkbox"/>	FDP	
Training	<input type="checkbox"/>	Workshop	<input type="checkbox"/>
Student level/Faculty Level/Both	<b>Students</b>		
Date / time/ Duration of the Programme, No of Days	<b>10/11/2020</b>		
Speaker Details	<b>Ms. Nandita Bera, Technology Analyst in Infosys Ltd., Bangalore.</b>		
Number of Participants	National		International
	Internal	External	
	<b>40</b>	<b>NIL</b>	<b>NIL</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizer	<b>Dr. R. M. Joany</b>		
Platform	<b>Zoom</b>		
YouTube link	<b>-</b>		

### **Brief about the program:**

The speaker has discussed the basic concepts used in the testing technology relating with best suitable real life examples which are essential for the understanding of technology. She inspired the audience by lively interacting on topics such as new trends in applying test cases. She has discussed about analyzing structured and unstructured data using different tools and

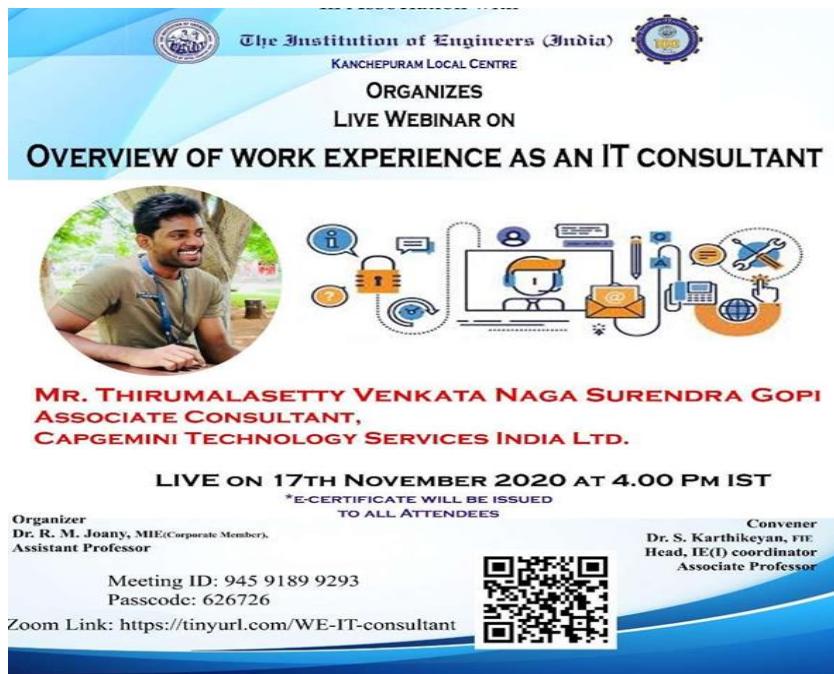


Techniques. She also emphasized career opportunities in India and global market and gaining practical mastery over applications of machine learning through a hands-on project.

### **Outcome:**

The students were able to understand the basic concepts used in the testing which are essential for the understanding of technology. They are able to create and apply the test cases in new trend

## Overview of Work Experience as an IT Consultant

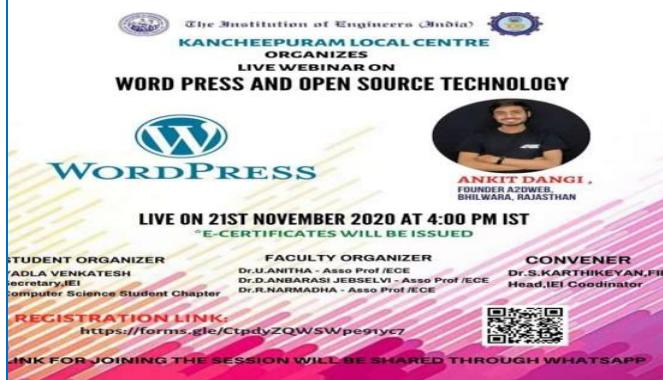


Name of the centre	<b>Kancheepuram Local Centre</b>		
Title of the Programme:	<b>Overview of Work Experience as an IT Consultant</b>		
Topics Covered:	<b>Career opportunities, Placement</b>		
Webinar	<input type="checkbox"/>	FDP	<input type="checkbox"/>
Training	<input type="checkbox"/>	Workshop	<input type="checkbox"/>
Student level/Faculty Level/Both	<b>Students</b>		
Date / time/ Duration of the Programme, No of Days	<b>17/11/2020</b>		
Speaker Details	<b>Mr. Surendra Gopi, Associate Consultant, Capgemini India Pvt Ltd., Hyderabad.</b>		
Number of Participants	<b>National</b>		<b>International</b>
	<b>Internal</b>	<b>External</b>	
	<b>40</b>	<b>NIL</b>	<b>NIL</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizer	<b>Dr. R. M. Joany</b>		
Platform	<b>Zoom</b>		
YouTube link	<b>-</b>		

## Outcome:

The speaker has summarized that the education and training that make the most qualified candidate for the job in IT companies. He has explained how to present the items on resume more clearly in terms of how to prepare for any position with responsibilities and contributions to the company's goals. He also briefed on how to prepare before an interview, by considering to write out quick talking points to organize your thoughts, and use the certain steps to help prepare answers.

## Word Press and Open Source Technology



Name of the centre	Kancheepuram Local Centre		
Title of the Programme:	Word Press and Open Source Technology		
Topics Covered:	Word Press and Open Source Technology		
Webinar	<input type="checkbox"/>	FDP	
Training		Workshop	
Student level/Faculty Level/Both	Students		
Date / time/ Duration of the Programme, No of Days	21/11/2020		
Speaker Details	Mr. Ankit Dangi, Founder, A2DWEB, Bhilwara, Rajasthan.		
Number of Participants	National		International
	Internal	External	
	35	05	NIL
Names of the Convener	Dr. S. Karthikeyan		
Names of the Organizer	Dr. U. Anitha		
Platform	Zoom		
YouTube link	-		

### **Brief about the program:**

The speaker has discussed the basic concepts of the Open Source Technology and WordPress.

He explained the uses of Open Source Technology and explained the difference between the Open Source and Closed Source Technology.

### **Outcome:**

In this webinar students got some knowledge on open sources. Covered the different type of Sources and its uses. In this they covered the concept of creating websites using word press. He concluded with explaining the origin of word press and different type of community meetups in which students can able to join the meet ups which are occurring in their local chapter. This event was more informative and increased interest among participants to do more research in the field of Word Press Technology. Many participants have registered online and got benefitted. E-certificates have been issued to them individually.

### **Internet of Things in Everyday Life**

The Institution Of Engineers (India)  
KANCHIPURAM LOCAL CENTRE

**ORGANIZES**  
**LIVE WEBINAR ON**  
**INTERNET OF THINGS IN EVERYDAY LIFE**

**IOT**

**Dr.S.Pitchumani Angayarkanni**  
Associate Professor, Department  
of Computer Science, Lady Doak  
College

**LIVE ON 27TH Nov 2020 At 4.00 PM IST**

**\*No Registration Fees**  
**\*E-certificates Will be Issued**

Registration Link: <https://tinyurl.com/yggf5qks>

#### **FACULTY ORGANIZER**

Dr.R.M.Joany,MIE(Corporate Member)  
Assistant Professor

#### **STUDENT ORGANIZER**

Ms.Gnana Akalya M  
Mr.V.Udaykumar

#### **CONVENER**

Dr.S.Karthikeyan,FIE  
Head, IE(I) Coordinator  
Associate Professor

*Link for joining the Session will be through Whatsapp*

Name of the centre	<b>Kanchipuram Local Centre</b>		
Title of the Programme:	<b>Internet Of Things In Everyday Life</b>		
Topics Covered:	<b>Basics of IOT,How It Works in Everydayife</b>		
Webinar	<input type="checkbox"/>	FDP	
Training		Workshop	<input type="checkbox"/>
Student level/Faculty Level/Both	<b>Students</b>		
Date / time/ Duration of the Programme, No of Days	<b>27/11/2020</b>		
Speaker Details	<b>Dr.S.Pitchumani Angayarkanni,Associate Professor Department of Computer Science,Lady Doak College, Madurai</b>		
Number of Participants	<b>National</b>		<b>International</b>
	<b>Internal</b>  <b>115</b>	<b>External</b>  <b>25</b>	<b>NIL</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizer	<b>Dr. R. M. Joany</b>		
Platform	<b>Zoom</b>		
YouTube link	<b>-</b>		

The speaker has discussed the basic concepts of the IOT. She explicated the uses of Arduino uno board, Raspberry pi and made clear the difference between the microcontroller and microprocessor. In this webinar students gained knowledge on sensors. She concluded with different type of projects in which students can do with their hands-on mini projects by applying their innovative idea by arranging different type of sensors.

#### Outcome:

Covered the different type of Sensors and its uses. In this they covered the concept of difference between the Arduino and the Raspberry pie board and its application in our day to day life.



## Thin Film GasSensor



The Institution of Engineers (India)  
KANCHEEPURAM LOCAL CENTRE



### DIGITAL WELL BEING WEBINAR ON "THIN FILM GAS SENSORS"



**Dr. Bharath SP**  
Research Associate,  
Centre For Nano and Softmatter sciences,  
Jalahalli,  
Bengaluru

**JOIN US ON 10TH DECEMBER AT 4:00 PM IST VIA ZOOM**

>*No Registration Fees*  
>*E-certificates Will be provided*

**STUDENT ORGANIZER**  
Ms.Anantha Lakshmi P

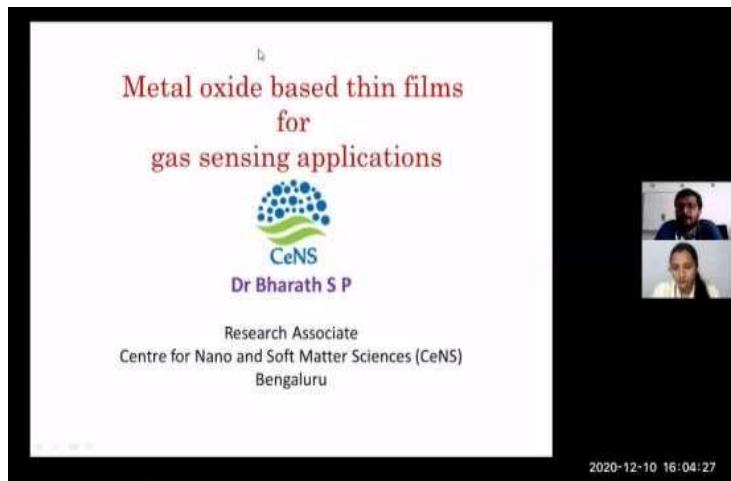
**FACULTY ORGANIZER**  
Dr.R.M.Joany,  
MIE(Corporate Member)

**CONVENER**  
Dr.S.Karthikeyan,  
FIE Head.

Name of the centre	Kancheepuram Local Centre		
Title of the Programme:	<b>THIN FILM GAS SENSOR</b>		
Topics Covered:	<b>Basics of Gas Sensors and how it works</b>		
Webinar	<input type="checkbox"/>	FDP	<input type="checkbox"/>
Training	<input type="checkbox"/>	Workshop	<input type="checkbox"/>
Student level/Faculty Level/Both	<b>Students</b>		
Date / time/ Duration of the Programme, No of Days	<b>10/12/2020</b>		
Speaker Details	<b>Dr. BHARATH S P, Research Associate, Centre for nano and Soft matters sciences, Bengaluru.</b>		
Number of Participants	National		International
	Internal	External	
	<b>110</b>	<b>25</b>	<b>NIL</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizer	<b>Dr. R. M. Joany</b>		
Platform	<b>Zoom</b>		
YouTube link	<b>-</b>		

## **Outcome:**

The speaker has discussed about how the gas sensors works. He explained in detail about Metal oxide based thin films for gas sensor application. In this webinar students gained knowledge on gas sensor application. He concluded with projects in which students can do with their hands-on mini projects by applying their innovative idea using gas sensors



IN ASSOCIATION WITH  
The Institution of Engineers (India)  
KANCHEEPURAM LOCAL CENTRE

# MICROBIOLOGY E-QUIZ

for all science branches

ON 23/12/2020 ( WEDNESDAY )  
FROM 9:00 AM-6:00 PM

*Ready for the battle of brains!?*

QUIZ LINK :  
<https://tinyurl.com/Microbiology-Equiz>

No Registration fee

\*E-Certificate will be given to the participants if they score 60% or above

**STUDENT ORGANIZERS** SWATHY T & SABITHA S Dept. of Biotech.

**STAFF ORGANIZER** Mr. G. NARENDRA KUMAR Asst. Prof/Dept. of Biotech.

**CONVENERS** Dr. S. KARTHIKEYAN, FIE Head, IEI Coordinator.  
Dr. U. ANITHA, Asso Prof/ECE  
Dr. R. M. JOANY, MIE

**Brief**

of the

Name of the centre	<b>Kanchipuram Local Centre</b>		
Title of the Programme:	<b>Microbiology E-Quiz</b>		
Topic Covered:	<b>Microbiology</b>		
Webinar	<input type="checkbox"/>	FDP	<input type="checkbox"/>
QUIZ	<input checked="" type="checkbox"/>	vworksop	<input type="checkbox"/>
Student level/Faculty Level/Both	<b>Both</b>		
Date / time/ Duration of the Programme, No of Days	<b>23/12/2020, 09:00 AM-06:00 PM, 9 hours</b>		
Speaker Details	-		
Number of Participants	National		International
	Internal	External	-
	<b>77</b>	<b>14 2</b>	<b>1</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizers	<b>Mr. G. Narendra Kumar (Professor)</b> <b>Ms. Swathy T and Ms. Sabitha S (Student)</b>		
Zoom Meeting ID	-		
YouTube link	-		

**program:**

The IEI Student branch of Sathyabama Institute of Science and Technology, Chennai conducted an E-QUIZ on Microbiology dated on 23.12.2020 (wednesday). This Quiz was an eventbasedonmicrobiology. This quiz wastotesttheirknowledgeaboutmicrobiologyskills. This quiz has given them an insight into microbiology. 220 participants have attended the E- Quiz. E-certificates have been issued to the participants who scored 60% or above. The preparationofquestionswasdonebythefacultyMr.G.NarendraKumar,Associate Professor, DepartmentofBiotechnologyandstudentorganizersMs.SwathyTandMs.SabithaS,IIIyear of Biotechnology department, Sathyabama Institute of Science and Technology, Chennai

**Outcome of the program:**

Thisquizhasgiventhemaninsightintomicrobiologyandmadethemassessthemselvesabout their knowledge on microbiology. 220 participants have attended the E-Quiz. E-certificates have been issued to the participants who scored 60% or above.

## How to be Corporate Ready? An Alumni's perspective




**The Institution of Engineers (India)**  
**SIST**

**Presents to you:**

**How to be Corporate Ready?**  
**An Alumni's perspective.**

Join us to hear our Alumni Mr. Harry Salman share his journey and give you tips on how to explore your true inner potential and get yourself ready for the Corporate World!

**STUDENT ORGANIZER**  
**Ms. Alena Thomas**  
President | IEI Student Chapters,  
CSE department, SIST

**STAFF ORGANIZER**  
**Mrs. J. Refonaa**  
Assistant Professor  
CSE department, SIST  
Mrs. Jany Shabu S.L.  
Associate Professor

**CONVENER**  
**Dr. S. Karthikeyan**  
FIE Head  
IEI Co-ordinator, SIST

**Mr. Harry Salman**  
Executive Director,  
Control Electricals LLC,  
Dubai, UAE

**Zoom Meeting Credentials:**  
Meeting Id - 957 4864 2557  
Password - 645886  
Link - <http://bit.ly/IEIAlumniTalks1>

**DEC 30 - 5:00 PM TO 6:30 PM**  
CERTIFICATES WILL BE PROVIDED!

Name of the centre	<b>Kanchipuram Local Centre</b>		
Title of the Programme:	<b>How to be Corporate Ready? An Alumni's perspective.</b>		
Topics Covered:	<b>Prepare for the Corporate environment, discovering true potential and strengths, networking</b>		
Webinar	<input type="checkbox"/>	FDP	<input type="checkbox"/>
Training	<input type="checkbox"/>	Workshop	
Student level/Faculty Level/Both	<b>Both</b>		
Date / time/ Duration of the Programme, No of Days	<b>30/12/2020, 05:00 pm IST</b>		
Speaker Details	<b>Mr. Harry Salman, Executive Director – Control Electricals LLC, Dubai, UAE</b>		
Number of Participants	National		
	Internal	External	
	<b>56</b>	<b>48</b>	<b>Total: 104</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizer	<b>Ms. J. Refonaa, Ms. S. L. Jany Shabu</b>		
Name of Student Organizer	<b>Ms. Alena Thomas, CSE department</b>		
Zoom Meeting ID	<b>95748642557</b>		
YouTube link			

### **Brief of the program:**

Live webinar on “How to be Corporate Ready? An Alumni’s perspective” organized by Sathyabama IEI Student Branch in association with The Institution of Engineers (India). The session was handled by Mr. Harry Salman, Executive Director of, Control Electricals LLC, based in Dubai, United Arab Emirates.



Control Electricals LLC is one of the biggest electrical supply chains in the United Arab Emirates that operates through state-of-the-art processes and caters to higher end customers like the Abu Dhabi Airbase, American Military Base in Al Wathba, Samsung Engineering, GASCO, and many more.

Mr. Salman was in the CSE department of our college and graduated from Sathyabama in the year 2012. He started his career with Trans-Emirates Systems and then worked with 2 other MNC's in Abu Dhabi before taking up the esteemed position that he holds today. He is a highly focused, dynamic professional who has built up a reputation for unwavering accuracy and credibility. He also does corporate trainings for various leading firms in India and abroad.

### **Outcome of the program:**

The program has given inputs to the students of how to prepare themselves to appear for campus interviews and enter the corporate companies.

# Management of Information Systems



In Association with  
The Institution of Engineers (India)  
KANCHEPURAM LOCAL CENTRE  
ORGANIZES WEBINAR ON



ORGANIZES WEBINAR ON

# MANAGEMENT OF INFORMATION SYSTEMS



**MONICA SATYANI,  
TECHNICAL PROJECT MANAGER,  
FACEBOOK.INC, CALIFORNIA, USA**



LIVE ON 2ND MARCH 2021 AT 5.00 PM IST

**Conveners**  
**Dr. S. Karthikeyan, FIE**  
**Head, IEI coordinator**  
**Associate Professor**  
**Dr. R. M. Joany, MIE(Corporate Member)**  
**Assistant Professor**

**\*E-CERTIFICATE WILL BE ISSUED  
TO ALL ATTENDEES**

**Patrons**  
**Dr. Mariazeena Johnson**  
**Chancellor**



3

**Dr. Marie Johnson  
President**

## **President**

**Jarasi Johnson**  
**Vice President**

**Ms. Maria Bernadette Tamilarasi Johnson**  
Vice President

Name of the centre	<b>Kanchipuram Local Centre</b>		
Title of the Programme:	<b>Management of Information Systems</b>		
Topics Covered:	<b>Recent Information Systems</b>		
Webinar	<input type="checkbox"/>	FDP	
Training	<input type="checkbox"/>	Workshop	<input type="checkbox"/>
Student level/Faculty Level/Both	<b>Both</b>		
Date / time/ Duration of the Programme, No of Days	<b>02/03/2021, 05:00 pm IST</b>		
Speaker Details	<b>Ms. Monica Satyani, Technical Project Manager, Facebook Inc, California, USA.</b>		
Number of Participants	National		
	Internal	External	
	<b>60</b>	<b>57</b>	<b>Total: 117</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizer	<b>Dr. R. M. Joany, MIE, Corporate Member</b>		
Name of Student Organizer	<b>Ms. Gnana Akalya M, ECE department IEI Student branch president</b>		
Zoom Meeting ID	<b>96754613535</b>		
YouTube link			

### **Brief of the program:**

Livewebinar on “Management of Information Systems” organized by Sathyabama IEI Student Branch in association with The Institution of Engineers (India). The session was handled by Ms. Monica Satyani, who is currently working in Facebook, Inc, California, USA. She has completed her UG in EEE at Sathyabama University in the year 2013. Completed masters in Management of information systems in University of Illinois at Springfield. She has 5.5 years of experience in project management/product management.

A management information system (MIS) is a computer system consisting of hardware and software that serves as the backbone of an organization's operations. An MIS gathers data from multiple online systems, analyzes the information, and reports data to aid in management decision-making. A management information system is an information system used for decision-making, and for the coordination, control, analysis, and visualization of information in an organization. The study of the management information systems involves people, processes and technology in an organizational context.

### **Outcome of the program:**

The program has given idea about the information system to the students which helps them in understanding project management and organizational behaviour.



### 13. Getting started with AI andML



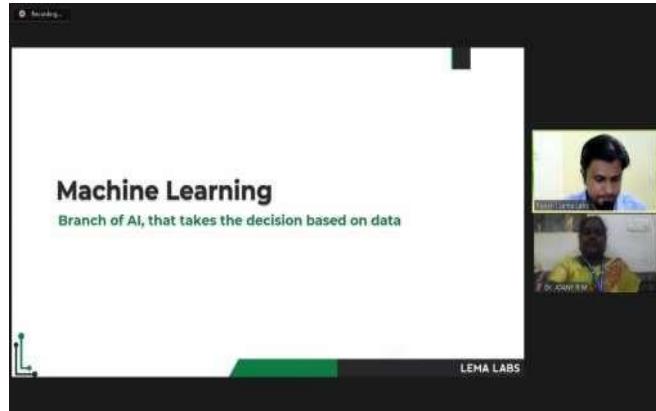
Name of the centre	Kancheepuram Local Centre		
Title of the Programme:	Getting started with AI and ML		
Topics Covered:	Artificial Intelligence and Machine Learning		
Webinar	<input type="checkbox"/>	FDP	<input type="checkbox"/>
Training	<input type="checkbox"/>	Workshop	<input type="checkbox"/>
Student level/Faculty Level/Both	Both		
Date / time/ Duration of the Programme, No of Days	04/03/2021, 05:00 pm IST		
Speaker Details	Mr. Pawan Gnana Raj, Lema Labs, IITM Research Park, Chennai.		
Number of Participants	National		
	Internal	External	
	40	33	Total: 73
Names of the Convener	Dr. S. Karthikeyan		
Names of the Organizer	Dr. R. M. Joany, MIE, Corporate Member		
Name of Student Organizer	Ms. Gnana Akalya M, ECE department IEI Student branch president		
Zoom Meeting ID	92322666280		
YouTube link			

## Brief of the program:

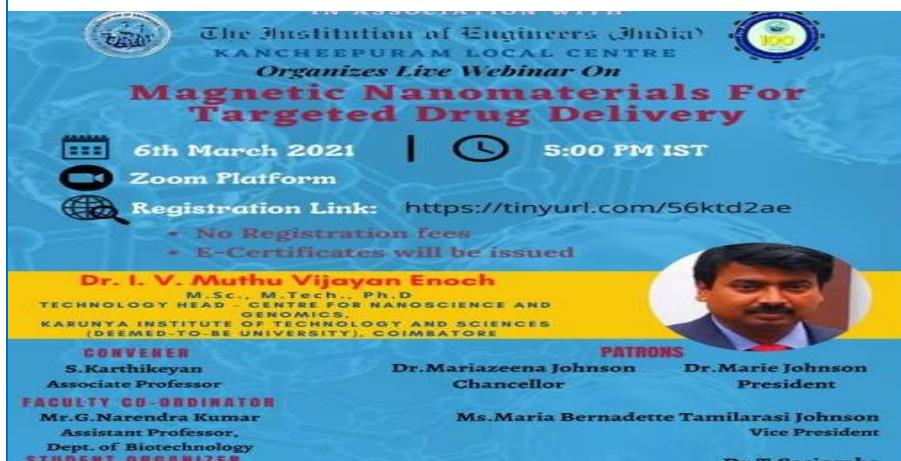
Live webinar on “Getting started with AI and ML” organized by Sathyabama IEI Student Branch in association with The Institution of Engineers (India). The session was handled by Mr. Pawan Gnana Raj, Lema Labs, IITM Research Park, Chennai. Mr. Pawan Gnana Raj, is currently working as Team Lead - Engineering & Operations at Lema Labs, IITM Research Park since 2015. Pawan is an Educational Enthusiast with 7+ years of experience in teaching Robotics, Internet of things and Machine Learning to over 3500 students and working professionals. His specializations include Machine Learning, Embedded Systems, Data Science, Robotics, Internet of Things (IoT), Project Assistance & Mentoring. He specializes in making technology fun and simple to learn. He leads the content development and training team at Lema Labs.

## Outcome of the program:

The session helped to design the Machine Learning curriculum to accommodate all enthusiastic learners irrespective of their educational background and experience to get the necessary skills to pursue a career in ML. This would help students to do their MS in top institutions in US and Germany or to work in top MNCs and emerging technology startups.



## WEBINAR ON MAGNETIC NANOMATERIALS FOR TARGETED DRUG DELIVERY



Name of the centre	Kanchipuram Local Centre		
Title of the Programme:	<b>Webinar on Magnetic Nanomaterials For Targeted Drug Delivery</b>		
Topics Covered:	<b>Magnetic nanomaterials, Drug Delivery and its application in drug delivery</b>		
Webinar <input checked="" type="checkbox"/>	FDP <input type="checkbox"/>		
Training <input type="checkbox"/>	Workshop <input type="checkbox"/>		
Student level/Faculty Level/Both	<b>Both</b>		
Date / time/ Duration of the Programme, No of Days	<b>06/03/2021, 05.00 pm, 1 hour</b>		
Speaker Details	<b>Dr. I. V. Muthu Vijayan Enoch, M.Sc., M.Tech., Ph.D, Technology Head, Centre for Nanoscience and Genomics, Karunya Institute of Science and Technology, Coimbatore.</b>		
Number of Participants	<b>National</b>		<b>International</b>
	<b>Internal</b>	<b>External</b>	
	<b>54</b>	<b>105</b>	<b>1</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizers	<b>Mr. G. Narendra Kumar (Faculty) Ms. Sabitha S (Student)</b>		
Zoom Meeting ID	<b>96310173188</b>		
YouTube link	<b>-</b>		

### **Brief of the program:**

The IEI Student branch of Sathyabama Institute of Science and Technology, Chennai conducted a Webinar on “Magnetic Nanomaterials for Targeted Drug Delivery” dated on 06.03.2021 (Saturday). The introduction was given by Ms. Swathy T, III year of B.Tech biotechnology. Dr. I. V. Muthu Vijayan Enoch discussed the nanoparticles and it's types. He discussed the drug delivery system, mode of drug delivery and the factors affecting drug delivery. He discussed the various nanomaterials used in drug delivery. He also discussed the applications of nanomaterials in drug delivery. There was a question and answers session at the end of the presentation. This event was more informative and useful. 160 participants have registered online and made use of webinar. E-certificates have been issued to all the attendees.

The meeting was convened by Dr. S. Karthikeyan, FIE, IEI coordinator along with the faculties



Dr. V. Ramesh Kumar, HOD, Department of biotechnology, Mr. G. Narendra Kumar Associate Professor, Department of Biotechnology and Ms. Sabitha S, III year of B. Tech Biotechnology, Sathyabama Institute of Science and Technology, Chennai.

### **Outcome of the program:**

This event was more informative and useful. 160 participants have registered online and made use of it. E-certificates have been issued to all the attendees

## National Level Seminar Series on Green Technology and Sustainability



Name of the centre	Kanchipuram Local Centre		
Title of the Programme:	<b>NATIONAL LEVEL SEMINAR SERIES ON GREEN TECHNOLOGY AND SUSTAINABILITY</b>		
Topics Covered:	<b>GREEN TECHNOLOGY AND SUSTAINABILITY POWER SYSTEM ENGINEERING</b>		
Webinar	<input type="checkbox"/>	FDP	<input type="checkbox"/>
Training	<input type="checkbox"/>	Workshop	<input type="checkbox"/>
Student level/Faculty Level/Both	<b>Both</b>		
Date / time/ Duration of the Programme, No of Days	<b>15<sup>th</sup> – 19<sup>th</sup> March, 2021 5days</b>		
Speaker Details	<p><b>DAY-1 Dr.J. Balamurugan, MIE</b> Assistant Executive Engineer - TNEB/TANGEDCO</p> <p><b>DAY-2 Dr.N.B. Muthu Selvan</b> Associate Professor – SSN College of Engineering</p> <p><b>DAY-3 Dr.D. Silas Stephan</b> Professor – Panimalar Engineering College</p> <p><b>DAY-4 Dr.L. Ramesh, FIE, FIEST</b> Dean – DR.MGR Educational Research Institute</p> <p><b>DAY-5 Dr.C. Gopinath</b> Associate Professor – Sri Venkateswara College of Engineering</p>		
Number of Participants	National		
	Internal	External	
	<b>124</b>	<b>159</b>	
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizer	<b>Dr. S D SundarSingh Jebaseelan</b>		
Name of the Organizer	<b>Dr. D. Godwin Immanuel, Mrs. Pushpavalli</b>		

## **Outcome of the program:**

IEI Student branch of Sathyabama Institute of Science and Technology has accomplished a broad work in arranging webinar, workshops and challenges through online to support understudies, staff and exploration researchers of our foundation and past. Likewise, from 15th March 2021 to 19th March 2021 between 06:30 pm and 07:30 pm (IST) we led a 5 Day

National level Webinar Series on Green Technology and Sustainability in Power System Engineering. The Speakers of the 5 Day webinar series were Dr. J. Balamurugan, Dr. N. B. Muthu Selvan, Dr. D. Silas Stephen, Dr. L. Ramesh, Dr. C. Gopinath. Earlier enrolments were done through online mode and all outer listments were 283. Participants were given in-simulation with respect to the function interface (zoom platform) by means of WhatsApp. The webinar was begun precisely at 06.30pm on each day of the Webinar. Our Student Coordinator Ms.

Mugilarasi. Ko. Sigavet the welcome address of the speakers. Every day the meeting was trailed by a brisk Question and answer session followed by statement of gratitude by our Student Coordinator Ms. Keerthana Sagar and webinar got over at 07.30pm (IST). In this 5 day National Webinar Series, various topics in power system engineering were covered by the speakers. Around 90 participants attended the webinar. The participants gave feedback after the session was finished. There was a good positive reaction to this webinar from the participant side

## **Product Build, Architecture, Ideas**



Title of the Programme:	<b>Product Build, Architecture, Ideas</b>
Topics Covered:	<b>Ideas on Product building and it's build and architecture, Open Source Technologies</b>
Webinar	<input type="checkbox"/>
Training	<input type="checkbox"/> FDP <input type="checkbox"/> Workshop
Student level/Faculty Level/Both	<b>Both</b>
Date / time/ Duration of the Programme, No of Days	<b>10/04/2021, 03:00 – 5:00 pm IST</b>
Speaker Details	<b>Mr. Vivek Kumar, Software Engineer at HP</b>
Number of Participants	National
	Internal
	External
	<b>40</b>
	<b>15</b>
	<b>Total: 55</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>
Names of the Organizer	<b>Mr. Albert Mayan</b>
Name of Student Organizer	<b>Mr. Arjun Dave, Ms. Alena Thomas, CSE department</b>
Zoom Meeting ID	
YouTube link	

#### **program:**

Livewebinaron“ProductBuild,ArchitectureandIdeas”organizedbySathyabamaIEIStudent Branch in association with The Institution of Engineers (India). The session was handled by Mr. Vivek Kumar, who is a Software Engineer at HP. He explained the various techniques involved in making a Product, right from scratch to it's final stage and also introduced the concept of Open Source Technologies to the Students.Mr. Vivek passed out from our College with a degree in Computer Science Engineering with the Batch of 2019. While in college, he was an active member of the Rotaract Club, and had organized several events for the students. He has also been a part of the Google Summer of Code in the year 2019. He is a complete Techie who has been an enthusiastic contributor to Open-Source Technologies for several years now, and he currently works as a Firmware Software Engineer at HP.

#### **Outcome of the program:**

It was an eye opening for the various techniques involved in making a product, right from scratch by the students.

## Webinar on Importance of Internship in Biotechnology

**WEBINAR**

**IMPORTANCE OF INTERNSHIP IN BIOTECHNOLOGY**

DEPARTMENT OF BIOTECHNOLOGY,  
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)  
ACCREDITED WITH "A" GRADE BY NAAC  
APPROVED BY AICTE

ORGANISING A WEBINAR IN  
ASSOCIATION WITH CAMPUSVEDA

**Speaker 1**  
**KIRAN NIVEDH**  
M.Tech - Industrial Biotech,  
Regulatory Affairs - Malladi  
Drugs & Pharmaceuticals,  
Consultant scientist in  
Xenobiotics and in Ranadium.

**Speaker 2**  
**NANDINI SHARMA**  
B.Tech Biotech,  
Chief Technical Officer in  
Marabanan, Regulatory Affairs  
trainee in Orchid Pharma

**Speaker 3**  
**HIMANSHU CHOURDHARY**  
Co Founder at CampusVeda,  
3 plus years of experience as  
Operations Manager  
Whitehat Jr. & Classklap

PATRONS  
DR. MARIAZEENA JOHNSON  
CHANCELLOR  
DR. MARIE JOHNSON  
PRESIDENT  
DR. T. SASIPRABA  
VICE-CHANCELLOR

Registration Link : <https://forms.gle/NZvEnMSbt74SEhQY6>  
Meet Link : <https://meet.google.com/pmp-qqda-ckm>

17th April 2021  
10:00AM-11:00AM

E Certificate will be provided to the students.

CONVENER  
(S. KARTHIKEYAN, ASSOCIATE PROFESSOR)  
FACULTY CO-ORDINATOR  
DR.V.RAMESH KUMAR (HOD)  
MR. G. NARENDRA KUMAR  
(ASSISTANT PROFESSOR)  
(DEPT. OF BIOTECHNOLOGY)

Title of the Programme:	<b>Webinar on Importance of internship in biotechnology</b>		
Topics Covered:	<b>Internship opportunities and placement training</b>		
Webinar	<input checked="" type="checkbox"/>	FDP	<input checked="" type="checkbox"/>
Training	<input checked="" type="checkbox"/>	Workshop	<input checked="" type="checkbox"/>
Student level/Faculty Level/Both	<b>Both</b>		
Date / time/ Duration of the Programme, No of Days	<b>17/04/2021, 10:00 AM, 1 hour</b>		
Speaker Details	<b>Mr. Kiran Nivedh, Ms. Nandini Sharma and Mr. Himanshu Choudhary (CAMPUSVEDA)</b>		
Number of Participants	Internal <b>70</b>	External <b>78</b>	International <b>2</b>
Names of the Convener	<b>Dr. S. Karthikeyan</b>		
Names of the Organizers	<b>Dr. V. Ramesh Kumar and Mr. G. Narendra Kumar (Faculties) Ms. Swathy T and Ms. Sabitha S</b>		
Google Meet link	<b><a href="https://meet.google.com/pmp-qqda-ckm">https://meet.google.com/pmp-qqda-ckm</a></b>		
YouTube link	<b>-</b>		

**Brief of the program:**

The IEI Student branch of Sathyabama Institute of Science and Technology, Chennai conducted a Webinar on Importance of internship in biotechnology dated on 17.04.2021 (Saturday) at 10:00 AM. Mr. Kiran Nivedh, Ms. Nandini Sharma and Mr. Himanshu Choudhary from Campus Veda hosted the session and explained about the importance of internship in biotechnology. Speakers discussed the internships offered in the field of biotechnology and how to choose the internship programs. Mr. Himanshu Choudhary discussed the internship opportunities and placement training. They discussed how campus veda helps to do internship, placement training and to gain skills from experts. They discussed the significance of internships in the field of biotechnology. There was a question and answer session at the end of the presentation. 150 participants have registered. E-certificates have been issued to all the attendees. The meeting was convened by Dr. S. Karthikeyan, FIE, IEI coordinator along with the faculties Dr. V. Ramesh Kumar, HOD, Department of biotechnology, Mr. G. Narendra Kumar, Associate Professor, Department of Biotechnology, Ms. Swathy T and Ms. Sabitha S, III year of B.Tech-Biotechnology, Sathyabama Institute of Science and Technology, Chennai.

**Outcome of the program:**

This webinar was more informative and gave participants a clear view about internships in biotechnology. 150 participants have registered. E-certificates have been issued to all the attendees

Name of Centre		Kanchipuram Local Centre	
Title of Activity		World Standard Day	
Activity under Division Board		Statutory Days	
Date	04-10-2020	Venue	Online Seminar, St. Joseph's Institute of Technology
 <b>St.JOSEPH'S INSTITUTE OF TECHNOLOGY</b> St.JOSEPH'S GROUP OF INSTITUTIONS OMR, CHENNAI - 600 119  <b>DEPARTMENT OF MECHANICAL ENGINEERING</b> (NBA ACCREDITED) IN ASSOCIATION WITH <b>THE INSTITUTION OF ENGINEERS(INDIA)</b> <b>KANCHEPURAM LOCAL CENTRE</b> In the observation of World Standard Day  <b>ORGANIZES</b> <b>STUDENTS WEBINAR ON</b> <b>Recent Advances of Photovoltaic Thermal (PV/T) System</b>			
 14-10-2020  05.00 PM TO 06.00 PM <b>Dr. A. Muthu Manohar,</b> <b>Associate Member</b> <b>The Institution of Engineers (India)</b>			
<b>PATRONS</b> <b>Dr. B. Babu Manoharan M.A., M.B.A., Ph.D</b> Chairman, St.Joseph's Group Of Institutions <b>Mrs. B. Jessie Priya M.Com</b> <b>Mr. B. Shashi Sekar M.Sc</b> Managing Director, St.Joseph's Group Of Institutions    Director, St.Joseph's Group Of Institutions  JOIN VIA GOOGLE MEET			
<b>Dr. P. Ravichandran M.Tech., Ph.D</b> Principal, St.Joseph's Institute of Technology <b>CONVENORS</b> <b>Dr. K.Arjun Vasantha Geethan M.E., Ph.D</b> Prof & Head - Dept. of Mechanical Engineering <b>Dr. V. Savithri M.E., Ph.D</b> Prof & Head- Lab Affairs - Dept. of Mechanical Engineering <b>STAFF COORDINATORS</b> <b>Mr.D.Arthur Jebastine Sunderraj M.E.(Ph.D)</b> <b>Mr.A. Sathish Kumar M.E.(Ph.D)</b> Assistant Professor-Dept of Mechanical Engineering      Assistant Professor-Dept of Mechanical Engineering  st.josephgroupofinstitutions  St.Joseph's Group of Institutions -OMR Chennai  St.Joseph's Group of Institutions -OMR Chennai <b>FLYER</b>			

# The Institution of Engineers (India)

Kanchipuram Local Centre

## St. Joseph's Institute of Technology

### Department of Mechanical Engineering

**WORLD STANDARD DAY, 04-10-2020**

**With Tamil Thaai Vazhthu the function started.**

Dr.K.Palanikumar., FIE., Chairman, Kanchipuram Local Centre presided over the function. In his Welcome Address, he explained the importance of engineering in all the fields, in this World. He also stated that after discussion, Dr.D.Ilango Honorary Secretary IEI has been decided to have a Lecture on Engineering Impact in Electrical, Mechanical, Civil and Medical side in this day. Dr.K.Arjun Vasantha Geethan HOD Mech staff affairs welcomed the Keynote Speaker Mr. Muthumanohar, Associate Member IEI, Chennai.

In the Keynote Address, Mr. Muthumanohar explained recent advancement of photovoltaic thermal PV/T System and explained with Power point Presentation.

in his address explained, to what extent, latest engineering is playing a vital role in the solar system. He also explained the things by Power point Presentation.

Vote of Thanks was delivered by Mr. D.Arthur Jebastine Sunderraj, AP, Mech, St.Joseph's Institute of Technology .

**With National Anthem the function came to an end.**

Name of Centre		Kanchipuram Local Centre	
Title of Activity		World Engineering Day	
Activity under Division Board		Statutory Days	
Date	04-03-2021	Venue	Online Seminar, St. Joseph's Institute of Technology



**The Institution of Engineers (India)**  
**Kanchipuram Local Centre**  
**St. Joseph's Institute of Technology**  
**Department of Mechanical Engineering**

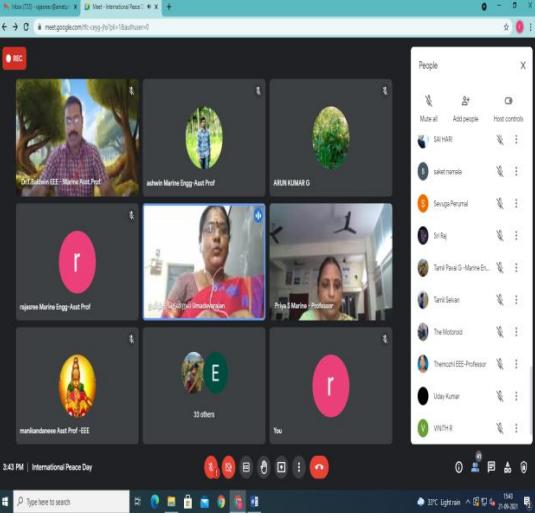
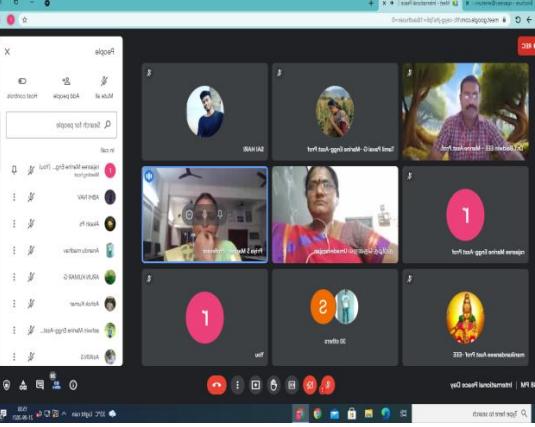
**WORLD ENGINEERING DAY, 04-03-2021**  
With Tamil Thaai Vazhthu the function started.

Dr.K.Palanikumar., FIE., Chairman, Kanchipuram Local Centre presided over the function. In his Welcome Address, he explained the importance of engineering in all the fields, in this World. He also stated that after discussion, it has been decided to have a Lecture on Engineering Impact in Electrical, Mechanical, Civil and Medical side, in this day. He welcomed the Keynote Speaker Mr. M. Manoharan Ex General Manager, Ashok Leyland, Automotive Professional and consultant and the participants.

In the Keynote Address, Mr. M. Manoharan explained how Internet of Things has impacts on Mechanical division and explained with Power point Presentation.in his address explained, to what extent, latest engineering is playing a vital role in the electrical division. He also explained the things by Power point Presentation.After the keynote address, D.Arthur Jebastine Sunderraj, AP, Mech, St. Joseph's Institute of Technology, discussions on the engineering impact, in day to day life, were made and they were clarified for fruitful solution.

Vote of Thanks was delivered by Dr.K.Arun Vasantha Geethan, Professor and Head, St.Joseph's Institute of Technology .

With National Anthem the function came to an end.

<b>Name of the Centre</b>	Kanchipuram Local Centre		
<b>Venue</b>	Academy of Maritime Education and Training (AMET) Deemed to be University/ Kanchipuram Local Chapter, Chennai		
<b>Title of activity</b>	<b>Guest Lecture on International Peace Day, “Recovering Better for an Equitable and Sustainable World”</b>		
<b>Date</b>	<b>21.09.2021 @ on google meet</b>	<b>Time</b>	<b>3.00 PM to 4.00 PM</b>
 <p><b>Brochure</b></p>			
 <p>Welcome Address by Dr.S.Priya , Professor-EEE</p>			
 <p><b>Resource Person explaining problems faced in starters and how to rectify</b></p>		 <p>Resource person interacting with the students</p>	

**Institution of Engineers (India) student's chapter  
ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) Deemed to be  
University  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
KANCHEPURAM LOCAL CHAPTER  
*Guest Lecture*  
**Recovering Better for an Equitable and Sustainable World**  
**Date & Time: 21.09.2021 @ 3.00 PM to 4.00 PM**  
**Through Google meet****

The Department of Electrical and Electronics Engineeringof Academy of Maritime Education and Training, Deemed to be University has organized one day International Peace Day Programme on “Recovering Better for an Equitable and Sustainable World”on 21.09.2021(3.30 to 4.00PM)using online mode (Google Meet). Around 50 Students of Electrical and Electronics Engineering, M.E-Power Systems from Academy of Maritime Education and Training (AMET) Deemed to be Universityattended the Programme and got benefited.

. The objective of conducting this programme is to promote global solidarity for building a peaceful and sustainable world.Our Program Coordinator Dr. S. Priya, Professor, Department of EEE delivered the welcome address and introduced the Resource Person and delivered her experience and expertise as a speaker which would grab the attention of the students to fully concentrate on the session. Our session Guest **Dr. Uma Devarajan, Founder and Chairman, Dr. APJ Abdul Kalam Memorial Tamil Research Centre, Salem** delivered the importance of peace - day. She also discussed the theme, significance and purpose, history and key facts of word peace - day. Subsequently, Coordinator Mrs. R. Rajasree, Assistant Professor of EEE thanked everyone in the meeting for their involvement and wished the students to achieve success in their career.A total of 50 participants got their E-certificate.

**Outcome:** At the end of the programme, we are inspired to think collectively and creatively that how to help everyone recover better, how to build resilience, and how to transform our world into one and this day devoted to commemorating and strengthening the ideal of peace both within and among all nations and peoples. Consequently, Many Participants were expressed their views and feedback on this program. They are expecting more programs like this in future.

**Royal Charter Day**

Royal Charter Day was celebrated on 09.09.21, the event was inaugurated by Dr.K. Palanikumar. FIE, Chairman –IEI(KLC) & Principal of Sri Sairam Institute of Technology, followed by Dr. Raja,Dean Academics of Sri Sairam Engineering college handled the session, he had recited the evolution of Royal charter day and the importance of the day. Vote of thanks given by Mrs.P.Sharmila.MIE-Assistant professor of Sri Sairam institute of Technology. Totally 300 students were attended the session.



### Department of Computer Science and Engineering

&  
Department of Information Technology  
cordially invites you for the celebration of  
**ROYAL CHARTER DAY**

#### Chief Guest

**Dr. J.RAJA**  
Dean-Academics & HOD-ECE  
Sri Sairam Engineering College, Chennai

Thursday, 9.9.2021

@ 11.00 am

Dr. B.Sreedevi HOD/CSE	Dr. D. Elango, FIE Honorary secretary IEI KLC	Dr.K.Palanikumar Chairman,IEI-KLC Principal -SSIT Coordinators: Dr. S. Selvaraj Dr. P. Shanmugam Mr. M. Sudarshana	Dr.K.Porkumaran Director	Shri.Sai Prakash LeoMuthu Chairman & CEO
<b>Sairam INSTITUTIONS</b>				<a href="http://www.sairamgroup.in">www.sairamgroup.in</a>



### 2. Engineers Day Celebration on 17.09.21

Engineers Day was celebrated on 17.09.21, the event was inaugurated by Dr.K.Palanikumar.,FIE,Chairman –IEI(KLC) & Principal of Sri Sairam Institute of Technology, followed by special speech was given by Dr.Rajendra Prasad, Principal of Sri Sairam Engineering college ,after that Engineers day address was given by Dr.D.Elango,Honorable secretary IEI(KLC) ,then the session was extended by Mr. Sandeep Surendrakumar,Application Decommission Consultant Manager,Capgemini Vote of thanks given by Dr.V.Brindha devi.,MIE-HOD/IT of Sri Sairam institute of Technology. Totally 500 students were attended the session.





### 3 .Essay Competition

Essay Competition is Organized in the month of November 2020 for all the institutions under IEI(KLC), more than 150 students participated, from which top 3 persons from each institute were elected for appreciation.



**The Institution of Engineers (India)**  
Kancheepuram Local Centre



# ESSAY COMPETITION

Theme :

- Applications of Artificial Intelligence to improve the human values.
- Harms of increasing trend of social media - Aspects: Suggestions
- Make in India vs Incredible India

The last date of Submission : 23.11.2020

**INSTRUCTIONS TO THE PARTICIPANTS:**

1. Students from the institutions which comes under IEI Kancheepuram local center can only participate.
2. The topics strictly adhere to cover any one of the mentioned themes.
3. Only Hand written manuscripts (in pdf) of prepared Essay should be uploaded in the given registration link.
4. The first three prize winners will be honored with exciting prizes.

**Registration Link, click** 



<https://tinyurl.com/IEIKLCSIT>

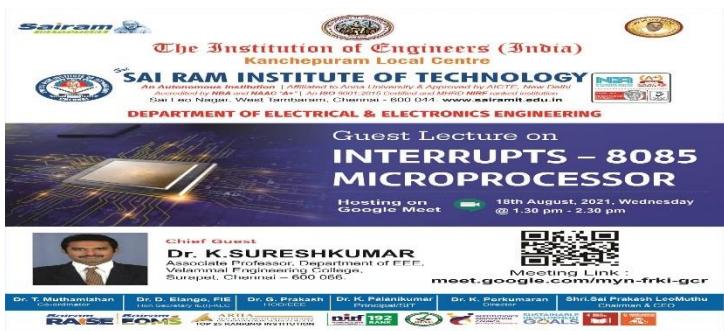
Dr. V. Brindha Devi, MIE IE(I)-KLC  
Ms. P. Sharmila, MIE IE(I)-KLC  
Co-ordinators

Dr. D. Elango, FIE  
Hon Secretary IE(I)-KLC

Dr. K. Palanikumar, FIE  
Chairman, IE(I)-KLC  
Principal, SSIT

### 4. Technical Lecture on “Interrupts-8085 Microprocessor”-18.08.21

Technical lecture on “Interrupts-8085 Microprocessor” was organized by Department of Electrical and Electronics Engineering, Sri Sairam Institute of Technology, Chennai in association with “The Institute of Engineers (India)”, Kancheepuram local centre under the aegis of Electrical and Electronics Engineering Division on 18th August, 2021. During the inaugural session Dr.G.Prakash, Head of Department, Electrical and Electronics Engineering, Sri Sairam Institute of Technology welcomed the gathering. The main aim of the guest lecture was to enhance the knowledge about the real time application of microprocessor 8085 to the students. After inaugural session, lecture on



"Interrupts-8085 Microprocessor" Was given by Dr.K. Sureshkumar, Associate Professor, Velammal Engineering College Chennai, focusing on microprocessor application in industry and usage of interrupts concept

#### **5. Guest Lecture on "Continuous integration and Continuous Development"-09.10.20**

Guest Lecture on Continuous integration and Continuous Development is organized virtually on 09.09.21, the event was inaugurated by Dr.V. Brindha devi.,MIE-HOD/IT of Sri Sairam institute of Technology. Then the session was handled by Mr. Rajkumar Ramanathan, Project Lead, Wipro Technologies, Vote of thanks given by Mrs.B. Deepa Assistant professor/IT of Sri Sairam institute of Technology. Totally 150 students were attended the session.

The banner for the guest lecture on "Continuous integration and Continuous Development" at SAI RAM INSTITUTE OF TECHNOLOGY. It features the institution's logo and details about the event: "DEPARTMENT OF INFORMATION TECHNOLOGY Cordially invites you for the in association of IEI student Chapter "CONTINUOUS INTEGRATION AND CONTINUOUS DEVELOPMENT"" on 9.10.2020 at 3.00 pm to 4.00 pm. Resource Person Mr. RAJKUMAR RAMANATHAN Project Lead, Wipro Technologies. MEETING LINK <http://meet.google.com/zqz-hqmn-re>". Below the banner is a screenshot of a Google Meet interface showing multiple participants and a list of attendees.

Mrs.B.Deepa Co-ordinator	Dr.V.Brindha Devi HOD / IT	Dr.K.Palanikumar Principal	Shri Sri Prakash Leo Mudhu CEO - Sairam Institutions

Meeting details

- People (61)
- Chat
- Add people
- Host controls

Attendees listed:

- Deepa B (You)
- Abhishek Verma
- ABINAYA S
- AJAY RAJ P S
- AKSHAYAPRABHA P
- ASHNI S R
- BALAJI R
- BALAVINAYAGAM S

#### **6. Seminar on "Breakthrough to Success"-25.08.21**

Seminar on Breakthrough to success is organized virtually on 25.08.21, the event was inaugurated by Dr.V. Brindha devi. MIE-HOD/IT of Sri Sairam institute of Technology. Then the session was handled by Sadhish Prabhu.S, Assistant Professor/Senior Grade, Department of Electronics and Communication Engineering, Vote of thanks given by Mrs.P.Sharmila.MIE-Assistant professor of Sri Sairam institute of Technology. Totally 100 students were attended the session.

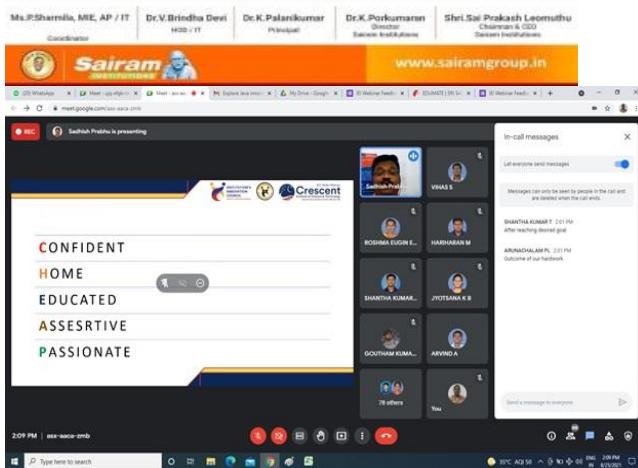


**Department of Information Technology**  
Cordially invite you to participate in the webinar on  
**BREAKTHROUGH TO SUCCESS**

**Chief Guest**  
**SADHISH PRABHUS**  
Assistant Professor/Senior Grade,  
Department of Electronics & Communication Engineering,  
S.S. Alagappa Crescent Institute of Science and Technology,  
Vandiperiyar, Chennai

Date: 25.08.21  
Time:  
2 pm to 3 pm

**Meet Link:** [meet.google.com/asx-aaca-zmb](https://meet.google.com/asx-aaca-zmb)



## 6. Workshop on Cloud Engineering fundamentals -22.10.21

Workshop on Cloud Engineering fundamentals is organized virtually on 22.10.21, the event was inaugurated by Dr. V. Brindha devi. MIE-HOD/IT of Sri Sairam institute of Technology. Then the session was handled by Raja Meenakshi V.M, Cloud Engineer, Neewe Analytics, Bangalore, Vote of thanks given by Mrs.P.Sharmila.MIE-Assistant professor/IT of Sri Sairam institute of Technology. Totally 100 students were attended the session.





# AUDIT REPORTS

# MARCH 2021



## KANCHEPURAM LOCAL CENTRE

# Annual Report 2020-21

**THE INSTITUTION OF ENGINEERS (INDIA)**  
**Kancheepuram Local Centre**  
**Balance Sheet as at 31st March 2021**

ANNEXURE-I (Page 1 of 7)

31st March 2020 Rs.	LIABILITIES	Schedules	31st March 2021 Rs.	31st March 2020 Rs.	ASSETS	Schedules	31st March 2021 Rs.
1,010,331	Reserve & Surplus	7	1,240,282		Fixed Assets <u>Investments : Long Term</u>	1	
	Capital Reserve	8			Fixed Deposits with Banks	2	
	Earmarked Funds	9			Current Assets	3	
	Current Liabilities & Provisions	10		1,010,331	Stock	4	
					Sundry Receivables	5	
					Cash & Bank Balances and short term Fixed Deposits with Banks	6	1,240,282
					Other Advances	7	
					Interest Outstanding and accrued on Investments	8	
1,010,331	TOTAL		1,240,282	1,010,331	TOTAL		1,240,282

## **Notes to Accounts**

11

This is the Balance Sheet referred to in our report of even date  
For ..... & CO CHARTERED ACCOUNTANTS  
CHARTERED ACCOUNTANTS Firm Reg. No : 003770S  
Firm Registration No. 21

Date : 12.04.2021

Place:

R. Anne

  
Name and Signature  
Dr. B. S. Chauhan

( NAME )

Partner

**Membership No.**

R.J.  
(R.JAGANNATHAN / M. NO : 2722)

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## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

THE INSTITUTION OF ENGINEERS (INDIA)  
Income and Expenditure Account for the year ended 31st March 2021  
Kanchipuram Local Centre

ANNEXURE-I (Page 2 of 7)

2019 - 2020	Research & Development Rs.	Education Rs.	INCOME	RATIO		2020 - 2021	TOTAL Rs.
				Rs.	Rs.		
			Grand received from Head Quarter:				
133415.68	263508.32		For Manpower Grant	80	20	260,797	67,448
			For Sr./Jr. Most Salaries	80	20		
			For Leave encashment	80	20		
			For Bonus/ Ex gratia	80	20		
			For Staff Welfare Expenses	80	20		
			For Technical activities	100			
137000			For Seminars and Symposia	100		40000	0
			For National convention	100			40000
			For International Conference	100			
			For Council Meeting Grant	100			
			For Engineering Congress Grant	100			
			For Election Grant	100			
			For Technical publications	100			
			For Jubilee celebration	100			
			For opening New center	100			
			For Best Centre award	100			
			For procurement of hardware for election	100			
			For Examination Expenses		100		
			For Convocation Grant		100		
24419.52	51892.48		For Technician/students chapter		100		
			For Annual Recurring Grant	80	20	31,325	7,831
			For Special Repairs Grant	80	20		
			For Land and Building Grant	80	20		
			For Non conventional energy Grant	80	20		
630.08	1338.92		For Incentives	80	20	1879.2	469.8
			For Special Grant	80	20		
			For reimbursement of TA/DA	80	20		
			For Miscellaneous Grant	80	20		
295465.28	336/ 38.72		Sub-Total (A)			34296	73749
			Income Generated by Centre:				418745
400			Receipts for National Convention of Division	100			
			Receipts from Seminars and Symposia	100			
			Receipts for Technical Activities	100			
			Sponsorship fees	100			
			Donations	100			
			Receipts for Continuing education		100		
			Receipts for Technicians' Chapter		100		
			Refresher Course Lecture		100		
			Advertisement	80	20		
8,347	17,737		Interest from Investments & Bank Fixed Deposit	80	20		
			Interest from Savings Bank Accounts	80	20	24,517	6,129
			Hall/Space rent	80	20		
			Rent received from guest house accommodations	80	20		
			Sale of Scrap	80	20		
			Miscellaneous Receipts	80	20		
			Liabilities no longer required written back	80	20		
			Sale of publication	80	20		
			Sale of Institution Ties and Badges	100			
8,747	17,737		Sub-Total (B)			24,517	6,129
304,212	354,676		: GRAND TOTAL (A+B):			367,513	81,676
							449,395

This is the Income and Expenditure Account referred to in our report of even date.

For \_\_\_\_\_ & CO  
CHARTERED ACCOUNTANTS  
Firm Registration No.

FIRM NAME :

Name and Signature

Name and Signature



## KANCHEPURAM LOCAL CENTRE

### Annual Report 2020-21

THE INSTITUTION OF ENGINEERS (INDIA)  
Income and Expenditure Account for the year ended 31st March 2021

Kancheepuram Local Centre

ANNEXURE H Page 1 of 7

2019 - 2020 Research & Development Rs.	Expenditure Rs.	2020 - 2021		TOTAL Rs.
		BATH	RUPEE	
146,370	Salaries and Allowances, etc. to Permanent staff	31	47	
	Salaries and Allowances, etc. to Temporary staff	31	47	49,500
	Staff welfare expenses	31	47	
	Direct Expenses for conducting Examination	0	100	
	Technical Publications	100	0	
	Expenses for National Convention of Division	100	0	
97,850	Expenses for Seminars and Symposia	100	0	24,000
	Expenses on Technical Activities	100	0	
27,500	Refresher Course Lecture	0	100	
	25,000 Amount given in State for Centenary Celebrations	0	100	
	Expenses for Technicians' Chapter Activities	0	100	
	Expenses for Continuing education	0	100	
9,000	Prize Awarded	0	100	
	Convocation Expenses	0	100	
	Expenses for Lectures	100	0	
1,600	Annual General Meeting Expenses	100	0	
	General Meeting Expenses	100	0	
	Indian Engineering Congress Expenses	100	0	
25,000	Council Meeting Expenses	100	0	
500	Committee Meeting Expenses	100	0	
	Data Processing Expenses	0	100	
960	Printing and Stationery	0	100	
80	178 Postage expenses	0	100	
	Telephone Expenses	0	100	
	Electricity Charges	0	100	
	Advertisement Expenses	0	100	
	Election Expenses	100	0	
270	573 Bank Charges	0	100	
1,875	3,985 Charges General	0	100	
	Insurance Charges	0	100	
	Rent, Rates and Taxes	0	100	
	Refreshment Expenses	0	100	
3,023	6,419 Statutory Audit Fees	0	100	7,302
	Other Auditors' Fees	0	100	
	Internal Audit Fees	0	100	
	Legal Expenses	0	100	
	Repairs and Maintenance on Buildings	0	100	
1,600	3,400 Repairs and Maintenance on Others	0	100	
	Books and Periodicals	0	100	
13,549	28,791 Travelling and Conveyance	0	100	28,000
	TA/DA to Committee Members	0	100	
	Bad Debts written off	0	100	
	Fixed assets written off	0	100	
314,583	79,378 Sub-Total (C)			109,652
9,971	275,098 Excess of Income/exp. over Exp./income [ Surplus/(Deficit)]    (A+B) - C = I			257,643
304,512	354,476 : GRAND TOTAL (C + D) :			367,513
				81,878
				449,391

This is the Income and Expenditure Account referred to in our report of even date.

For \_\_\_\_\_ & CO  
CHARTERED ACCOUNTANTS  
Firm Registration No.

(NAME )  
Partner  
Membership No. SHANKER & ASSOCIATES  
UDINo: CHARTERED ACCOUNTANTS  
Date : Firm Reg. No : 003770S  
Place:

Name and Signature  
Honorary Secretary  
D.Y. D. ELANGO

Name and Signature  
Chairman  
Dr. K. PALANI KUMAR