

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

ELECTRONICS AND COMMUNICATION ENGINEERS ASSOCIATION

TOGETHER WITH

IETE

PRESENTS

TECHNXT

A NATIONAL LEVEL TECHNICAL EVENT

03.06.20 - 07.06.20

WEBINAR

&

PAPER PRESENTATION

WEBINAR

1) 3-6-20: 'Edge Computing' -
Mr. Abid Ahmed Salem , Senior
Solution Architect
(4.30 PM - 6.00 PM) (IST)

3) 5-6-20: 'Digital Transformations' -
Mrs. Ramya Gowrisankaran, Project
Manager - Hardware , NEC , Chennai.
(11.00 AM - 12.00 PM) (IST)

2) 4-6-20: 'IOT' - Mr. Ezhil
Chinnathambi , HW/FW Director QA,
Smartdrive Systems Inc, US.
(11.00 AM - 12.00 PM) (IST)

4) 6-6-20: 'Data Networking' - Mr.
BKS .Gokul , Technical Leader,
Networking Industry
(11.00 AM - 12.00 PM) (IST)

PAPER PRESENTATION

Showcase your innovative ideas and concepts to various problems in technical fields
Refer the registration form for more information



REPORT ON PAPER PRESENTATION EVENT (TECHNXT) CONDUCTED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Paper Presentation event of TECHNXT was conducted by SVCE - Department of Electronics and Communication Engineering in association with the Institute of Electronics and Telecommunication Engineering student chapter (IETE-SF).

There were overwhelming response from all over Tamilnadu and 12 teams were selected based on their innovation, uniqueness, and technology used. There were two sessions in the event with six teams actively participating in each session. The first and second session of paper presentation was conducted on 07/06/2020 and 08/06/2020 from 4:00PM to 6:00PM respectively.

Day 1 (07/06/2020)

The internal judges for the day were Dr.N.Kumaratharan, Professor (ECE) and Mr.S.R.Balasubramanian, Assistant Professor (ECE) of Sri Venkateswara College of Engineering. The external judge for the day was Mr. D. Balabharathi, Embedded System Development Consultant, Bengaluru.



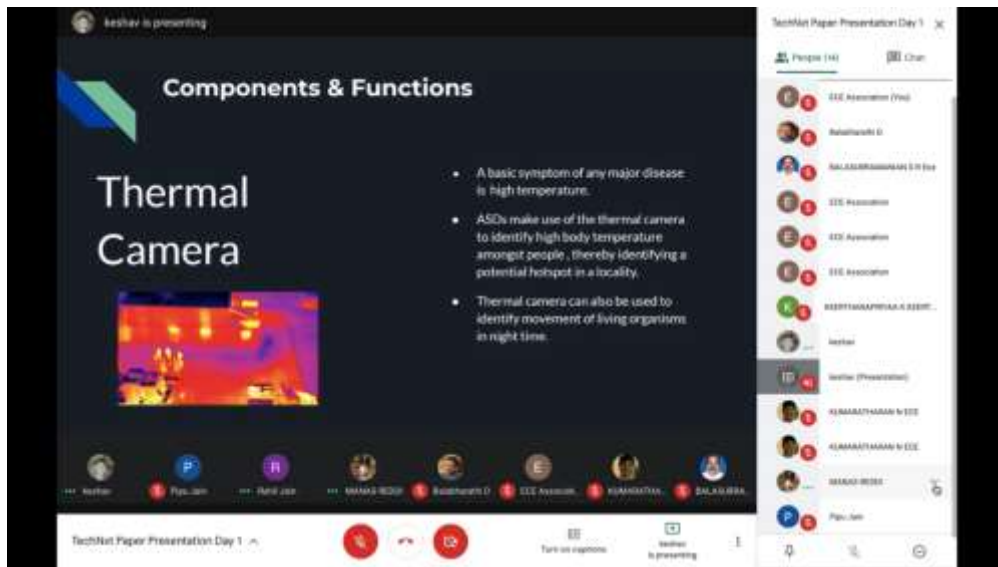
PANEL OF JUDGES – DAY 1 (Paper Presentation)

Ms.T.J.Jeyaprabha, Assistant Professor (ECE), Event Coordinator gave the Welcome address to the panel of judges and paper presentation participants. Ms.K.Sushma, Executive member, ECE Association delivered the inaugural address about the first session of paper presentation event and also gave an introduction about the panel of judges.

The event was started by 4.00 pm and concluded sharply by 6.00 pm. Totally six teams presented their paper, each team were given 15 minutes for presenting their idea and approximately 5 minutes for viva voce.

The topics presented by the teams on the day were as follows,

- Effect of the Weber number on the crown formation of a liquid drop
- Clap Switch
- Paper Battery the Solution for Traditional Battery
- Li-fi using solar power in compact dimension
- Automated Vehicle Speed Controller
- Aerial Surveillance Drone



DAY 1 PRESENTATION

The scores were given based on five criteria

1. Originality of idea
2. Technical knowledge
3. Fluency of content delivery
4. Societal Relevance/benefits
5. Viva-voce

The judges gave their scores based on the above criteria.

The session was concluded with a “Vote of Thanks” by Ms.k.Sushma, Executive member , ECE Association.

Day 2 (08/06/2020)

The internal judges for the day were Mr. P. Arul, Assistant Professor (ECE) of Sri Venkateswara College of Engineering. The external judge for the day was Mr.D.Balabharathi, Embedded System Development Consultant, Bengaluru.

Ms.K.Sushma, Executive member, ECE Association delivered the inaugural address about the second session of paper presentation and welcome address to the participants and panel of judges.



PANEL OF JUDGES – DAY 2 (Paper Presentation)

The topics presented by the teams on the day are as follows,

- Indigenous manufacture of upgraded pesticide sprayer
- Real time temperature monitoring and hand sanitizer dispensing system for quality health care using Arduino.
- Prevention of bird-strike against aeroplane
- TESLA
- SMART BUS STOP
- IOT



DAY 2 PRESENTATION

The scores were given based on five criteria

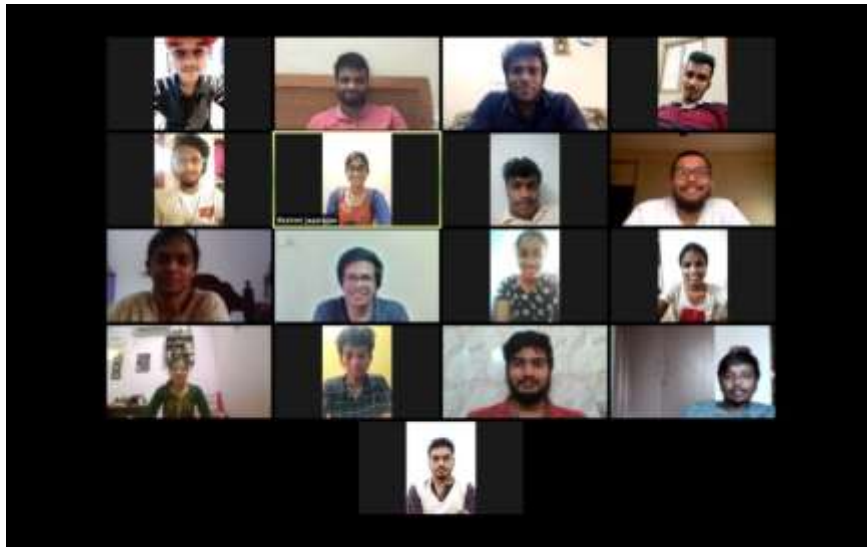
1. Originality of idea
2. Technical knowledge
3. Fluency of content delivery
4. Societal Relevance/benefits
5. Viva-voce

The judges gave their scores based on the above criteria.

The session concluded with a “Vote of Thanks” by Ms.K.Sushma, Executive member, ECE Association.

WINNERS:

TITTLE OF PRESENTATION	PRESENTERS	COLLEGE	PRIZE
SMART BUS STOP	Tarun John Thomas Anirudh Gorumurthi Syed Mihad S.F.M	St.Joseph's Institute of Technology	FIRST PLACE
Aerial Surveillance Drone	Keshav E K Manas Reddi Piyush M Rahil Jain	Sri Venkateswara College of Engineering	SECOND PLACE
Effect of the weber number on the crown formation of a liquid drop	Keerthanapriyaa K	IITDM Kancheepuram	THIRD PLACE
Indigenous manufacture of upgraded pesticide sprayer	Vishnusai R	Sri Venkateswara college of engineering	BEST IDEA



TECHNXT ORGANISING TEAM



TECHNXT EVENT COORDINATORS

CHIEF PATRON:

Dr. S GaneshVaidyanathan, Principal, SVCE

CONVENER:

Dr. S Muthukumar, Professor & HOD, ECE

FACULTY INCHARGE – ECEA & IETE-Students Forum:

Ms.T.J.Jeyaprabha , Assistant Professor, ECE

Mr.G.Loganathan , Assistant Professor, ECE

Ms.D.Menaka, Assistant Professor, ECE

OFFICE BEARERS- ECE ASSOCIATION (2019-20)

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2. Vice President : S.Muthulakshmi (Final year EC - B)
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Pooja R (II year EC -B)
Thanigaivel M(II year EC -C)

6. Executive Members : A.Anvita(III year EC -A)
Cindrella S.K.(III year EC - A)
Maurya V(III year EC - B)
Rahil Jain(III year EC - B)
Sushma K (III year EC - C)
SandeepPai K(III year EC -C)

OFFICE BEARERS - IETE STUDENTS FORUM (2019-20)

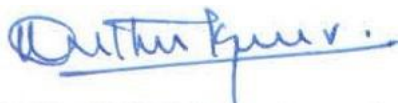
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2. Honorary Secretary : Thejesh J.C. (III year EC - C)
3. Executive Members : Harshavardhan P (II year EC - A)
Niranjan S. (II year EC- B)
ReshmiJayaranjan (II year EC- B)
Vishnusai R. (II year EC- C)

OFFICE BEARER - RAIC (2019-20)

1. President : Piyush M (III year EC - B)



Coordinator


HoD, ECE Department-