You Choose, We Do It

St. JOSEPH'S COLLEGE OF ENGINEERING

We Make You Shine

St. JOSEPH'S INSTITUTE OF TECHNOLOGY

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, Chennai – 600119

Department of Electronics and Communication Engineering

"A NATIONAL LEVEL SCHOOL EVENT"

The department of **Electronics and Communication Engineering** of **St. Joseph's Group of Institutions** conducted **an Online National level school event** young talent from **Grade lX-Xll on 10.06.2020**.

With the theme –**COVID-19** a total of **4 Events Namely Drawing, Poster Making, Project Presentation and, Industry Safety during Corona** were conducted by the Staff and Student Coordinators. Totally **256 Participants from 115 different schools have participated** in the online events from **all around the World, California, Malaysia and from many parts of India** who have shown great interest and actively participated. The main objective of this online event is to bring students and their talent together while they are stuck at home. And to also cheer they while providing awareness about the current situation in our world. We have received a great **feedback** submitted by the students and have acknowledged that they have received good perspective of our Institution and are grateful for the opportunity and platform. Planning towards conducting more events and webinars to encourage and build the students' knowledge.

E-Certificates were provided to all the participants and the best of each competition were awarded points.

Registration details:

Registration –Google form
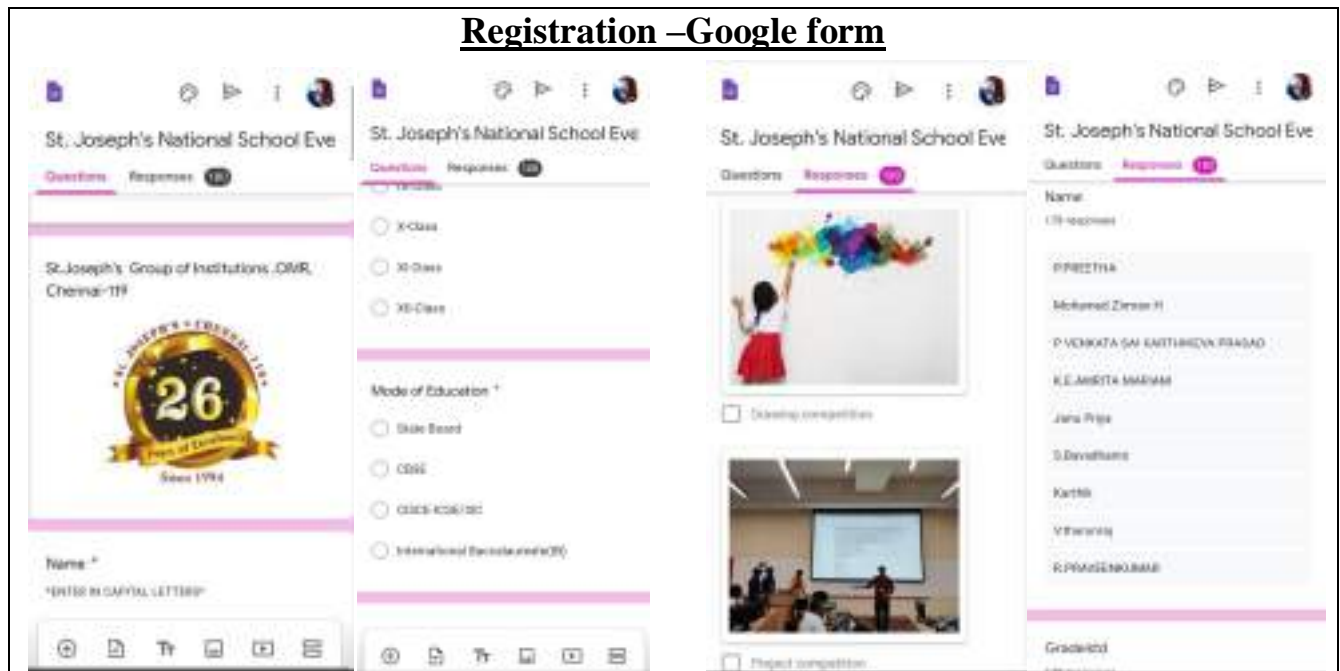
Total No of participants in Event wise strength:

STANDARD/ COMPETITION	9th	10th	11th	12th	Total
Project presentation	9	7	6	6	28
Poster making	25	11	18	18	72
Industrial safety	7	8	12	12	39
Drawing competition	48	28	25	16	117
Total					256

Event wise Registration link:

https://drive.google.com/file/d/1xmUiOC7mmUrDzv-M9NV9lU80IWvMpMD/view?usp=drivesdk

School Details

S.NO	ABROAD	OTHER STATE	WITHIN THE STATE	TOTAL
1.	2	25	88	115

Total No of Schools participated: 115

1. CYPRESS HIGH SCHOOL, CALIFORNIA
2. SMK PUTRA PERDANA,SELANGOR, MALAYSIA

OTHER STATE REGISTRATIONS:

1. AGRA PUBLIC SCHOOL, AGRA, UTTAR PRADESH
2. AIR FORCE SCHOOL HEBBAL, BANGALORE
3. AKSHAYAH MATRICULATION HIGHER SECONDARY SCHOOL, VELACHERRY
4. BRIGHTLANDS GIRLS SENIOR SECONDARY SCHOOL AT VAISHALI NAGAR JAIPUR
5. C. L. GUPTA WORLD SCHOOL, MORADABAD
6. DAY ANAND ANGLO VEDIC PUBLIC SCHOOL, MADHEPUR
7. FLORENCE HIGH SCHOOL ,BASAVESHWARANAGAR, BANGALORE
8. GOKHALE EDUCATION SOCIETY ,HAL HIGH SCHOOL OZAR TOWNSHIP ENGLISH MEDIUM, NASHIK
9. GOVERMENT RAJKEEYA HIGHSCHOOL, TILTHI KONE MIRZAPUR, UTTAR PRADESH
10. HOMESCHOOLING, NASHIK
11. K K WAGH ENGLISH SCHOOL, PANCHVATI, NASHIK.
12. K R MANGALAM WORLD SCHOOL, DELHI
13. K.V.ONGC, DEHRADUN
14. RATHNAM INTERNATIONAL SCHOOL, BENGALURU
15. S. E. R. S. PUBLIC SCHOOL, RANGIA
16. SAIFEE GOLDEN JUBILEE ENGLISH PUBLIC SCHOOL, KOLKATA
17. SARVODAYA BAL VIDYALAYA, WEST VINOD NAGAR , DELHI
18. SHIKSHA BHARTI VIDYALAYA, HARYANA
19. SHISHU NIKETAN HIGHER SECONDARY SCHOOL, TRIPURA
20. SHRI CHAITANYA SCHOOL, PALAKOL, ANDHRA PRADESH
21. SHRI DURGA SHIKSHA NIKETAN PUBLIC SCHOOL, UTTAR PRADESH
22. ST.LAWERENCE HIGH SCHOOL, BORIVALI WEST, MUMBAI, MAHARASHTRA.
23. ST.THERESE CONVENT HIGH SCHOOL, MUMBAI
24. TEJASWI VIDYARANYA SCHOOL, TELANGANA
25. TVS SCHOOL, TUMKUR

TAMILNADU REGISTRATIONS:

1. A.R.R MATRIC HIGHER SECONDARY SCHOOL, KUMBAKKONAM
2. AKSHAYA PUBLIC SCHOOL,PALANI
3. AMRITA VIDYALAYAM , ETTIMADAI
4. ANNAI VEILANKANNI'S COLLEGE FOR WOMEN(SCHOOL CAMPUS), SAIDAPET
5. ARR MATRICULATION HIGHER SECONDARY SCHOOL, VALASAIYUR,SALEM
6. ARUMUGAM ACADEMY, ARAVAKURICHI
7. ARYA VIDHYASSHARAM INTERNATIONAL RESIDENTIAL SCHOOL, KATPADI
8. CHRISTURAJA MATRICULATION HIGHER SECONDARY SCHOOL , MARTHANDAM
9. D. A. V PUBLIC SCHOOL, VELACHERY CHENNAI

10. DANIEL THOMAS MATRICULATION HIGHER, SECONDARY SCHOOL, ARUMBAKKAM.
11. DAV BHEL SCHOOL, RANIPET
12. DAV GIRLS SENIOR SECONDARY SCHOOL, GOPALAPURAM
13. DAV PUBLIC SCHOOL, CHENNAI
14. EMERALD VALLEY PUBLIC SCHOOL,KONDAPPANAICKENPATTI, SALEM
15. FATIMA. MAT. HR. SEC. SCHOOL, KODAMBAKKAM
16. GB PUBLIC SCHOOL, KANCHEEPURAM
17. GHSS MODEL, SAIDAPET, CHENNAI
18. GOOD SAMARITAN PUBLIC SCHOOL, NAGAPATTINAM
19. GOVERNMENT GIRLS HIGHER SECONDARY SCHOOL, CHENNAI
20. GOVERNMENT HIGHER SECONDARY SCHOOL ,ASHOK NAGAR,PUDUR
21. GOVERNMENT HIGHER SECONDARY SCHOOL WEST MAMBALAM
22. GOVERNMENT HIGHER SECONDARY SCHOOL, THORAIPAKKAM
23. GOVERNMENT HIGHER SECONDARY SCHOOL, VELACHERY
24. GOVERNMENT HIGHER SECONDARY SCHOOL, VELLORE
25. GOVERNMENT HIHER SECONDARY SCHOOL, VANAPURAM
26. GOVT BOYS HIGHER SEC SCHOOL, TIRUVANAMALAI
27. GURU NANAK MATRICULATION HIGHER SECONDARY SCHOOL, VELACHERY
28. HINDUSTAN INTERNATIONAL SCHOOL, PADUR
29. INDIRA GANDHI MEMORIAL MATRICULATION HIGHER SECONDARY SCHOOL, THIRU NAGAR
30. JAIGOPAL GARODIA NATIONAL HIGHER SECONDARY SCHOOL, WEST MAMBALAM
31. JAMAL MOHAMED SCHOOL, THIRUCHIRAPALLI
32. JANUS GLOBAL CBSE SCHOOL KEELAMBI KANCHIPURAM
33. JAYA MATRICULATION HIGHER SECONDARY SCHOOL, THIRUNINRAVUR
34. K ZONE CBSE SCHOOL,TIRUVANAMALAI
35. KONGU VELLALAR MATRIC HR.SEC.SCHOOL, KARUR,TAMILNADU
36. KV IIT CHENNAI
37. LAKSHMI CHORDIA MEMORIAL MAT.HR.SEC.SCHOOL, CUDDALORE
38. LITTLE FLOWER SCHOOL, NUNGAMBAKKAM
39. MODEL SCHOOL, RAMAPURAM
40. MONTFORT MATRIC HIGHER SECONDARY SCHOOL, PALAVAKKAM
41. MOUNT SAINT JOSEPH MATRICULATION HIGHER SECONDARY SCHOOL, TIRUVANNAMALAI
42. MUNICIPAL GIRLS HIGHER SECONDARY SCHOOL, KARUNGALPALAYAM
43. NEW PRINCE MATRICULATION HIGHER SECONDARY SCHOOL, ULLAGARAM
44. NIRMALA MATRICULATION HIGHER SECONDARY SCHOOL, CHENNAI
45. P. S SENIOR SECONDARY SCHOOL MYLAPORE
46. PCKG GOVERNMENT HR SEC SCHOOL KODAMBAKKAM
47. PCKG GOVT HR SEC SCHOOL, KODAMBKKAM
48. PRINCE SRIVARI SENIOR SECONDARY SCHOOL, MADIPAKKAM
49. PSBB MILLENNIUM SCHOOL, OMR

50. RAILWAY SCHOOL, PERAMBUR
51. RAJA NATIONAL MATRICULATION AND HIGHER SECONDARY SCHOOL, PERUMALPATTU
52. RAJKUMAR SULOCHANA MATRICULATION HIGHER SECONDARY SCHOOL, MADIPAKKAM
53. S.R.D.F VIVEKANANDA VIDHYALAYA, CHROMEPET
54. SACRED HEART MATRICULATION HIGHER SECONDARY SCHOOL CHURCH PARK CHENNAI.
55. SARADHA VIDHALAYA GIRLS HIGHER SECONDARY SCHOOL, T. NAGAR
56. SARASWATHI MATRICULATION SCHOOL, URAPPAKKAM, CHENGALPATTU.
57. SBOA SCHOOL & JUNIOR COLLEGE, CHENNAI
58. SCHAFFTER HIGHER SECONDARY SCHOOL, TIRUNELVELI
59. SHRI M B JAIN HIGHER SECONDARY SCHOOL, T NAGAR
60. SHRI RAMACHANDIRA MATRIC HIGHER SECONDARY SCHOOL, NAMAKKAL
61. SHRI VEL'S ESTATE MATRICULATION HIGHER SECONDARY SCHOOL, AVADI,
62. SHRO KRISHNASWAMY MATRICULATION SCHOOL, CHENNAI
63. SIVAKASI JAYCEES MATRIC HIGHER SECONDARY SCHOOL, SIVAKASI
64. SPARK MATRIC HIGHER SECONDARY SCHOOL, VELLORE
65. SREEVATSA VISWANATHAN VIVEKANADA VIDYALAYA SENIOR SECONDARY SCHOOL, CHITLAPAKKAM,
66. SRI AKILANDESWARI VIDYALAYA, TIRUCHIRAPPALLI
67. SRI RAM DAYAL KEMKA VIVEKANANDA VIDYALAYA SENIOR SECONDARY, TIRUVOTTIYUR
68. SRI RAMANA MAHARISHI MATRICULATION HIGHER SECONDARY SCHOOL. KAVERIYAMPOONDI.
69. SRI SANKARA VIDYALAYA,EAST TAMBARAM
70. SRI SANKARA VISHYASHRAMAM MAT.HR.SEC.SCH, THIRUVANMIYUR
71. SRI SARADA SECONDARY SCHOOL, GOPALAPURAM, CHENNAI- 600086
72. SRI SARASWATHI MATRICULATION SCHOOL, TIRUVANNAMALAI
73. SRI VDS JAIN HIGHER SECONDARY SCHOOL, TIRUVANNAMALAI
74. ST. BEDES'S ANGLO INDIAN HR. SEC SCHOOL, SANTHOME CHENNAI
75. ST. MARY'S MATRICULATION HIGHER SECONDARY SCHOOL, CUDDALORE
76. ST.ALOYSIOS HR.SEC.SCHOOL, CHENNAI
77. ST.JOSEPHS A.I.GIRLS HR SEC SCHOOL, CHENNAI
78. ST.MARYS'S MAT.HR.SEC.SCHOOL, PORUR
79. ST.MICHAEL'S ACADEMY, ADYAR
80. ST.MICHEAL MATRICULATION HIGHER SECONDARY SCHOOL, KATTATHURAI.
81. STANES ANGLO INDIAN HIGHER SECONDARY SCHOOL,COONOOR,NILGIRIS
82. SVVV CHITLAPAKKAM, TAMBARAM
83. THE PSBB MILLENNIUM SCHOOL, COIMBATORE
84. VANAVANI MATRICULATION HIGHER SECONDARY SCHOOL, CHENNAI
85. VIDHYA SAGAR GLOBAL SCHOOL,KANCHIPURAM
86. VIDYA MANDIR SCHOOL, ARIYALUR
87. VYASA VIDYALAYA MATRICULATION HIGHER SECONDARY SCHOOL, MADIPAKKAM
88. ZION MATRICULATION HIGHER SECONDARY SCHOOL, SELAIYUR

"A National Level School Event" embraced with the following events.

1. **Drawing Competition, 2.Poster Making, 3.Project Presentation, 4.Industry Safety during Corona!!!**

__DRAWING COMPETITION__

'Art speaks sound'. This program is for the creative hands to bring out the colours of the mind. The theme **"How to break COVID – 19?"** not only makes the students to draw but also it is done with a motive to create awareness among the human community.

Totally 117 Participants from different schools **all around the World, California, Malaysia and from many parts of India who have actively participated in this event.**

We selected the top three best poster presentations based on their creativity, presentation and the message delivered.

E-Certificates were provided to all the participants.

The top three winners are listed below with poster link:

**1.S.CHRISTY LAURA
GRADE-IX
SRI AKILANDESHWARI VIDYALAYA
TIRUVANAIKOIL, TIRUCHIRAPALLI**
https://drive.google.com/open?id=1jy0pq2l01CGZP1ASbdLQ1HD9cUECOPQ4

**2.ANURAG RAMOLA
GRADE-X
K.V.ONGC, DEHRADUN**

https://drive.google.com/open?id=1CPenBnBJYzBcryzb_L25Rxo4L6-DcbHY

**3.NILOY DAS
GRADE-XII
SHISHU NIKETAN HIGHER SECONDARY
SCHOOL, RANIRBAZAR, TRIPURA**

https://drive.google.com/open?id=1wRhRQmWZHfYmBT9EzZR5c4UMiiXdwQlE

POSTER MAKING

Innovation is always encouraged in St. Joseph's. In this way, a platform of presentation is held with a variety of themes focused on **"Role of technology in today's situation"**. This platform is for the innovative ideas of school students to help the society in today's situation and play their part in overcoming this pandemic.

Totally 72 Participants from different schools **all around the World, California, Malaysia and from many parts of India who have actively participated in this event.**

We selected the top three best poster presentations based on their creativity, presentation and the message delivered.

E-Certificates were provided to all the participants.

The top three winners are listed below with poster:

**1.BAVADHARINI.S
GRADE-X ,
DAV BHEL SCHOOL, VELLORE,
TAMILNADU**
https://drive.google.com/open?id=14V8OMZvUFvBAswBqroOPFVpaVA5A_wOx

**2.ANANYA ALOKE
GRADE- IX,
HOME SCHOOLING, NASHIK**

https://drive.google.com/open?id=1lqgJcMrAlaaJ8kU9hdO7irXitGhcdMO9

3.ASHWIKA.V

**GRADE-IX,
SRI PRAKASH VIDYA NIKETAN,
ANDHRAPRADESH**
https://drive.google.com/file/d/1YiItBCNCe3gkTBk31g-ZrR6hDcJ_DM1u/view

PROJECT PRESENTATION

In this project presentation contest, the school students can exhibit their innovative ideas on the given theme.It is a platform to showcase your innovation ideas and to improve technical skills.

The theme is **"How to promote social distancing?"**Social distancing helps to stop or slow down the rate and extent of COVID 19 disease transmission in a community.

Totally **28** participants from different schools **all around the World, California, Malaysia and from many parts of India who have actively participated in this event.**

We selected the top three best poster presentations based on their **creativity, presentation** and the **message** delivered.

E-Certificates were provided to all the participants.

The top three winners are listed below with video link:

2.V.GOWTHAM
GRADE- X
A.R.R MATRIC HIGHER
SECONDARY SCHOOL,
KUMBAKONAM

https://drive.google.com/open?id=1q7wnMtPlkWkX4D7uwFwhkCfPjY-CKrcx

3.M.R.VEDHANTH
GRADE- IX
THE PSBBMILLENNIUM
SCHOOL, COIMBATORE

https://drive.google.com/open?id=1iOfW0nTgsI6D5LFQDnzbNrKDojh-z5g0

1.SHRI SHIVESH V S
GRADE- X ,
SRI AKILANDESWARI
VIDYALAYA, TRICHY

https://drive.google.com/open?id=1dTE2RUkXisFYSDIEgxkJrZoB5GBYw63Y

Industry Safety during Corona!!!

The welfare of the society is always a thought of St. Joseph's. In this manner, considering the safety of the working peoples, a platform to publish ingenious thoughts of students is made. The theme is **"Industrial safety during the pandemics".**

Totally 39 Participants from different schools **all around the World, California, Malaysia and from many parts of India who have actively participated in this event.**

We selected the top three best presentations based on their **creativity, presentation** and the **message delivered.**

E-Certificates were provided to all the participants.

The top three winners are listed below:

1.CHARANRAJ
GRADE- X
SRI SARADHA SECONDARY SCHOOL, CHENNAI
https://drive.google.com/open?id=1AEFhEjwE6Uo OkH1QpVrPUBcvK8izFTay

2.KHUSHBOO VINOD SINGH
GRADE- X ,
GOKHALE EDUCATION SOCIETY ,HAL HIGH SCHOOL OZAR TOWNSHIP ENGLISH MEDIUM, NASHIK
https://drive.google.com/open?id=10FfFYv7UEgrIJ h2An8HMlt4h2ci2n4_n

3. SUGUMAR. S
GRADE- XII,
GHSS MODEL, SAIDAPET, CHENNAI
https://drive.google.com/open?id=1cu65gmUgIqoZ XZvh3zXjECH04BUVdVlH

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St. JOSEPH'S INSTITUTE OF TECHNOLOGY

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, Chennai – 119

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

National Level School Event

CERTIFICATE OF PARTICIPATION

This is to certify that

<<name>>

<<school>>

has participated in the National Level School Event

<<event>>

conducted during June 2020.

Dr. C. Gnana Kousalya M.E., Ph.D.
HOD (Staff & Student Affairs)
St. Joseph's Institute of Technology

Dr. B. Victoria Jancee M.E., Ph.D.
HOD (Staff Affairs)
St. Joseph's College of Engineering

Dr. P. Ravichandran M.Tech., Ph.D.
PRINCIPAL
St. Joseph's Institute of Technology

Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.
PRINCIPAL
St. Joseph's College of Engineering

Feedback details:

We have received a great **feedback** submitted by the students and have acknowledged that they have received good perspective of our Institution and are grateful for the opportunity and platform.

Feedback form
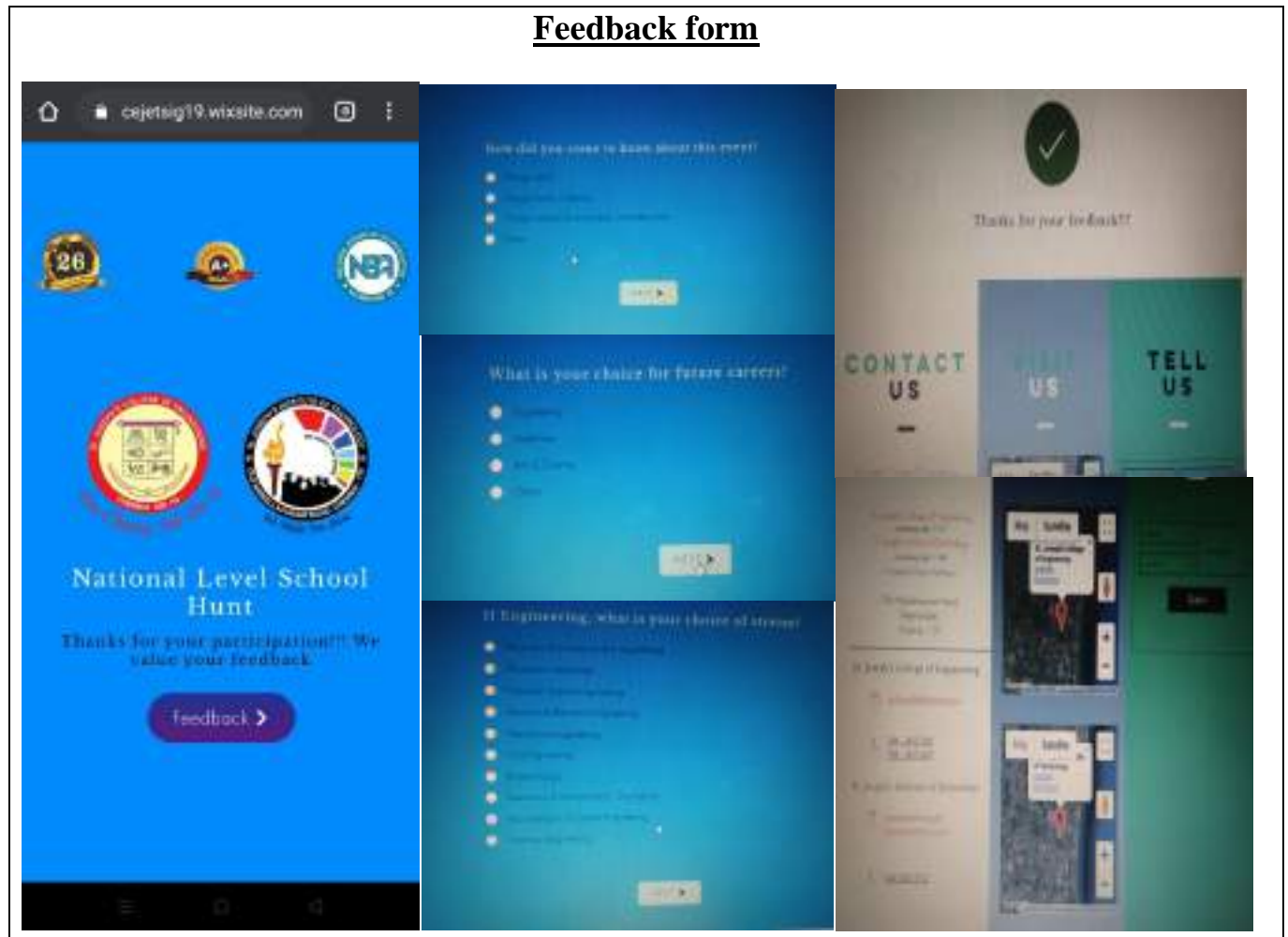
Feedback submission response Link:
https://docs.google.com/spreadsheets/d/1IKTqlUYGwwh1RY2Iy7jNjVCcFwM05_bjauSZGq7H7eY/edit?usp=drivesdk-

Report on an International Webinar for Engineering Students
Date: 06-06-2020

BROCHURE	REPORT

BROCHURE

REPORT

An International webinar for Engineering Students on the topic "**Subscribe to Survive"** was organized by the department of ECE in association with OSA student chapter on **06.06.2020** using Google meet app in two time slots.

The **slot 1** (11:00 AM to 12:15 PM) was presented by Dr. Ganesh Subramanian and the **slot 2** (6:00 PM to 8:30 PM) was presented by Mr. Naveen Kumar Sekar. Totally **124 students participated in** each session from **St. Joseph's group and various other Engineering colleges** and got benefited. This webinar provided an opportunity for the students to understand the Engineering subjects and gave an insight on how to develop their professional Skills. From the **feedback** submitted by the students it is observed that this webinar was very much **useful and informative** for all students and in future many such webinars may be organized for shaping their career and to achieve better position in their field of interest. **E-Certificate** was issued to all the 124 students as an acknowledgement of their participation.

Samples of Feedback Received from the Participants

Kindly provide your feedback on following parameters
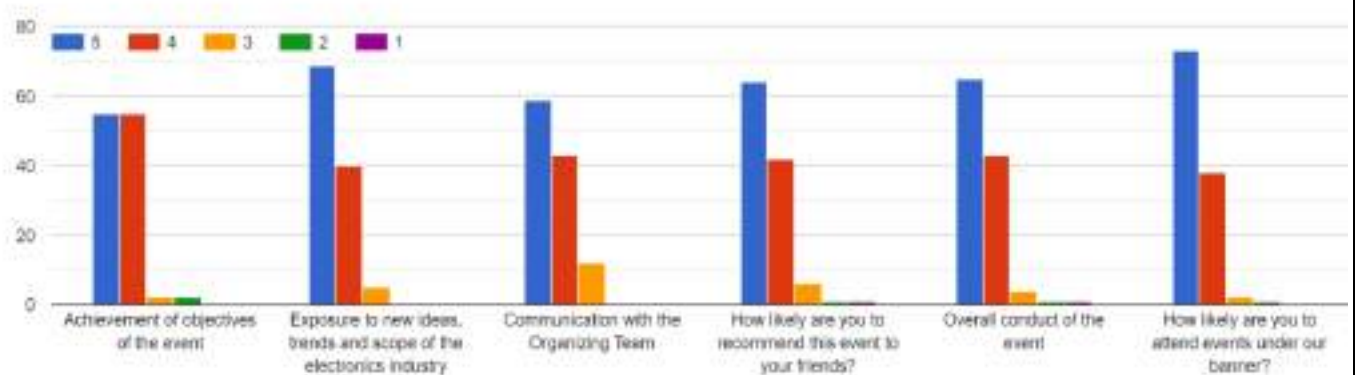
- It was a different platform to explore new ideas of people and the session inspired a lot us

- Actually, this is good For enhancing electronic skills and help us rethink every aspect Hope to interact in many more innovative webinars!!

- Overall I gained knowledge both on the technical subject as well as about the survival in a company

- Marvelous. This is really a great initiative to provide us the good exposure about the industry.

- Well presented, audio and video qualities are so good and instructed very well.

- Both the webinars covered various technical things related to job and industry experiences related to electronics. It was a very informative session.

- Subscribe to survive I wondered what topic would they discuss but atlast it was really good interactive session with more of unknown facts and hats off to both of the speaker to spend their valid time in teaching the students about the present scenario of industries

Sample Certificates

St. Joseph's College of Engineering
(St. Joseph's Group of Institutions)
OMR,Chennai - 119

Department of Electronics and Communication Engineering
(Accredited by NBA)
SJCEOSASTS26

CERTIFICATE OF PARTICIPATION

Mr./Ms. **Govarshini R B**
from **St.Joseph's College of Engineering**
has attended Subscribe To Survive - An International webinar for Engineering students organized by Department of Electronics and Communication Engineering in association with the OSA Student Chapter on 6th June 2020.

Dr. B. Vasudevan
Convenor

Dr. B. Victoria Jancee
Head of the Department

Dr. Vaddi Seshagiri Rao
Principal

St. Joseph's College of Engineering
(St. Joseph's Group of Institutions)
OMR,Chennai - 119

Department of Electronics and Communication Engineering
(Accredited by NBA)
SJCEOSASTS111

CERTIFICATE OF PARTICIPATION

Mr./Ms. **A.Shwetha Bertilla**
from **St.Joseph's College of Engineering**
has attended Subscribe To Survive - An International webinar for Engineering students organized by Department of Electronics and Communication Engineering in association with the OSA Student Chapter on 6th June 2020.

Mr. M. Lingeshwaran
Convenor

Dr. B. Victoria Jancee
Head of the Department

Dr. Vaddi Seshagiri Rao
Principal

	St. JOSEPH'S COLLEGE OF ENGINEERING OMR, Chennai – 600119 Department of Electronics and Communication Engineering	

Report on Virtual National Workshop on "Research Scopes in Remote Sensing"

### Conducted from 24.06.2020 to 26.06.2020

BROCHURE

Virtual National Workshop on "Research Scopes in Remote Sensing" **conducted from 24.06.2020 to 26.06.2020** by Department of ECE, **St. Joseph's College of Engineering**, in association with **IEEE Student Branch Chapter**. We collected feedback from our participants and it is observed that they have found the program to be useful and informative. Live streaming through **you tube** was enhanced in the session for the benefit of participants. Also it encourages non registered participants to improve their knowledge in Remote Sensing. We distributed E-certificate to the participants through their registered mail id on **30.6.2020.**

- Total Number of Active Participants : 102
- Total Number of Faculty Attended   : 87
- No. of St. Joseph's Faculty   : 11 (8 St. Joseph's College + 3 St. Joseph's Technology)
- Total Number of Students Attended : 11
- Number of External faculty   : 49
- Total Number of Research Scholars : 4
- No. Of Colleges participated   : 38

Content Delivered :

Day 1 FN Session: 24.06.2020	Dr. R.A. Alagu Raja spoke about the fundamentals of Remote Sensing where he showcased few **real time Remotely Sensed pictures of Madurai** which gave good grasp of the concepts of Remote Sensing. https://youtu.be/Yqtx5R6tbA4
Day 1 AN Session: 24.06.2020	Dr. V.E. Nethaji Mariappan with a great pace started discussing about Research Scopes in Remote Sensing. Also, he thoroughly covered the concept of **application of Remote Sensing in Vegetation of crops and investigation of crop health**. https://youtu.be/jecRzq3D9wo
Day 2 FN Session: 25.06.2020	Dr. R. Vidhya explained about Research potential in Remote Sensing Data Analysis. She also detailed about the **various sources of Aerial Images that has high resolution, panchromatic imagery which can be fetched and used for research activities.** https://youtu.be/V4q9slj7NGI
Day 2 AN Session: 25.06.2020	Dr. N. Venkateswaran briefed about **Remote Sensing characteristics and its applications.** Healthy interaction between resource person and participants was witnessed. https://youtu.be/n1U0-x43D_4
Day3 FN Session: 26.06.2020	Dr. Mangalraj explained the **research avenues in Remote Sensing** which benefitted the audience to the core. https://youtu.be/J78GI-CfHxA
Day 3 AN Session: 26.06.2020	Dr. B. Sathyabama gave a clear idea about **necessities, development of methods and tools that makes it possible to measure spatial configuration in image data.** https://youtu.be/5hM61e-Eklg

SAMPLE CERTIFICATES
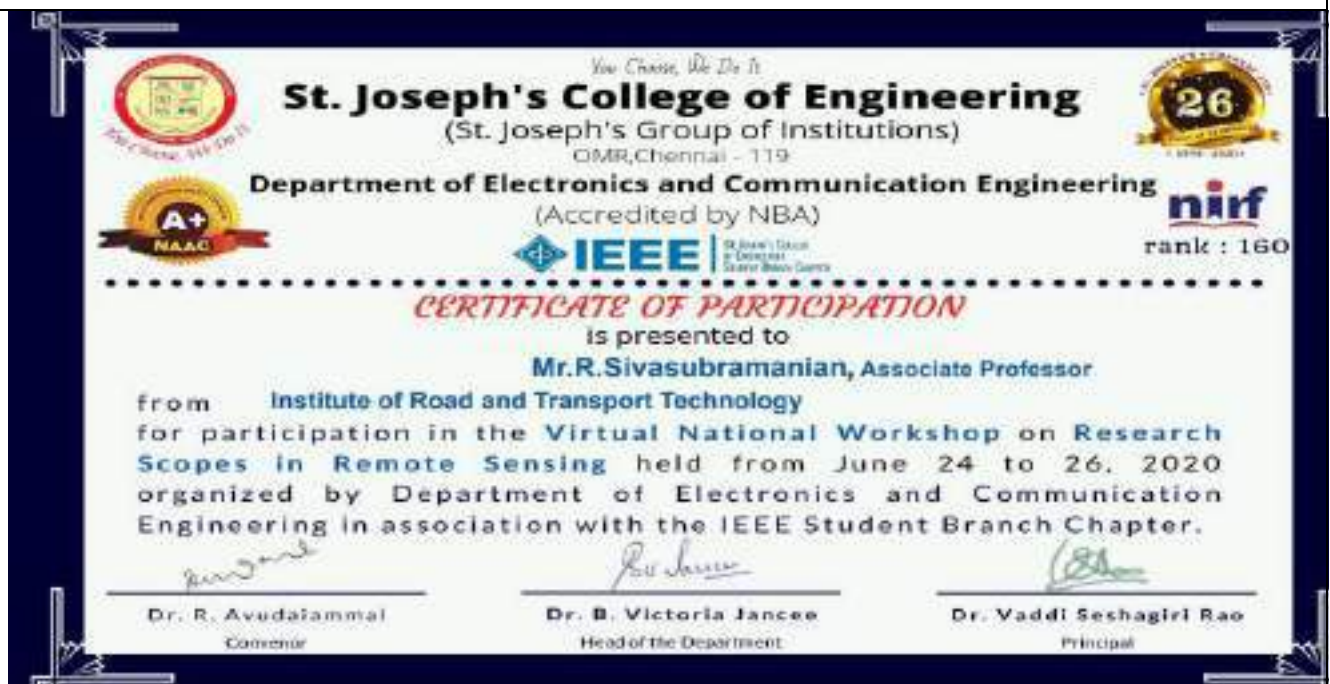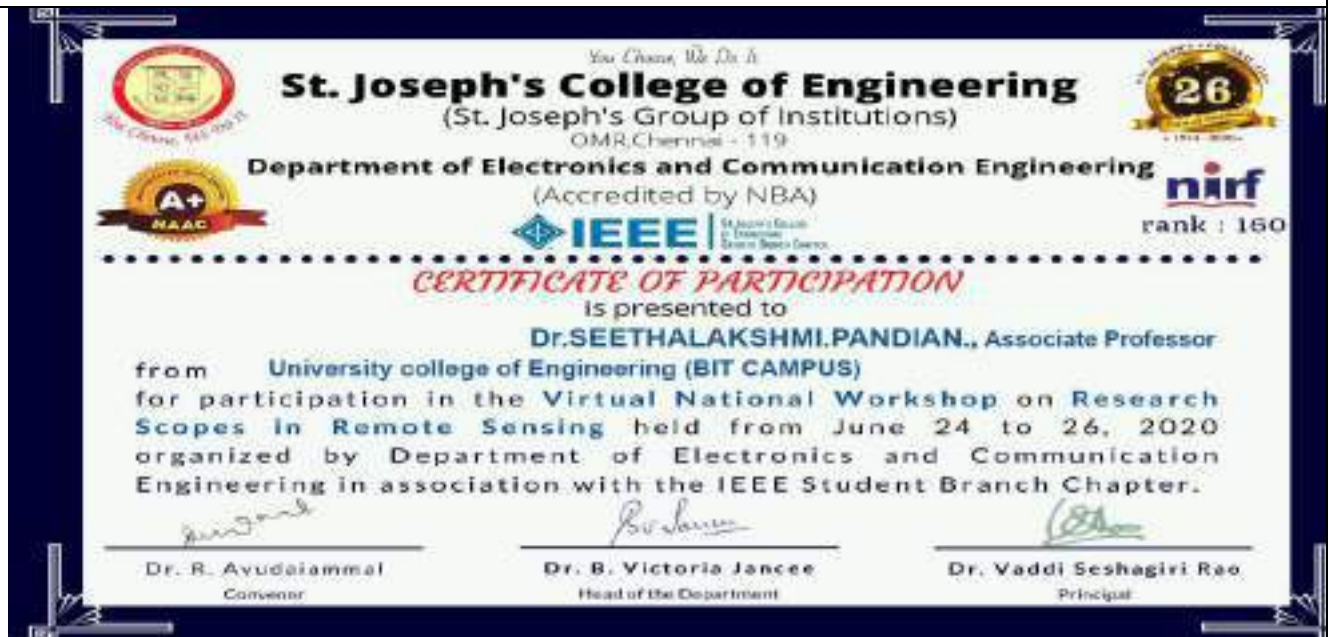
Remarks in the Feedback section about overall session:

1. Sessions were professional and gave depth knowledge on remote sensing.
2. Thank you for the organizers for conducting this workshop...Really u made my time useful...I came to an idea about what is remote sensing and their scope ...thank you all.
3. Program organized well and very useful to participants
4. I am an alumni of St. Joseph's. I will always attend programs of St. Joseph's for its quality and will always be a student of it. Please pass the poster and registration form as much as possible so that it reaches all. Excellent course. Looking forward for further classes like this.
5. Very Useful Sessions. Hearty Thanks To Chief Guests for their Wonderful presentations and Hearty Thanks to Organizing team for their wonderful Co-ordinations.

Report on National Online Quiz Series Competition "Inquizitive"

Conducted from 29.06.2020 to 01.07.2020

Brouchure

National Online Quiz Series – Inquizitive was conducted during **29.06.2020** to **01.07.2020** by **IEEE Student Branch Chapter of Department of Electronics and Communication Engineering, St. Joseph's College Engineering**. The event was coordinated by S.S.Sneha and T.K.Balaji of IV year ECE along with other office bearers of IEEE student Chapters under the guidance of Dr.R.Avudaiammal, Mr.K.Venkatesan and Dr.R.Niruban.

More than 80 colleges from all over India had registered for this event with a total individual registration of **287 students**.

This event was conducted in **2 rounds** with three major domains on three consecutive days.
- **Day 1** (29.06.2020) : Electronic devices and circuits domain
- **Day 2** (30.06.2020) : Communication and Networking domain
- **Day 3** (01.07.2020) : Digital Technology domain

Round 1 was conducted using **Kahoot platform** with 25 multiple choice questions for the duration 30 minutes. Top 30 participants were selected to enter the **Round 2** that also had 25 questions and was conducted using **Google meet platform** on the same day.

Participation details

Date	Total number of participants	Number of other College participants
29.06.2020	190	125
30.06.2020	133	88
01.07.2020	103	60

WINNERS NAME LIST
29.06.2020

Place won	Name of the participant	Name of the College
Winner	S.Sreemathy	Pondicherry Engineering College
Runner up	Harish.S	Kumaraguru College of Engineering

30.06.2020

Place won	Name of the participant	Name of the College
Winner	A.Vijayavengadam	Pondicherry Engineering College
Runner up	Sripada Deepak	Vardhaman College of Engineering

01.07.2020

Place won	Name of the participant	Name of the College
Winner	Vanitha S	Loyola-ICAM College of Engineering and Technology
Runner up	Vignesh Kumar	St. Joseph's Institute of Technology

SAMPLE CERTIFICATES

St. Joseph's College of Engineering

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IEEE

CERTIFICATE OF PARTICIPATION

is presented to *Akshaya H* of Sri Sairam Engineering College, Chennai. for participating in the event - "INQUIZITIVE" under the domain of **Electronic devices and circuits** held by IEEE Student Branch Chapter on 29th June, 2020

St. Joseph's College of Engineering

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IEEE

CERTIFICATE OF PARTICIPATION

is presented to *SUJITHA A* of Sri krishna college of engineering and technology for participating in the event - "INQUIZITIVE" under the domain of **Communication and Networking** held by IEEE Student Branch Chapter on 30th June, 2020

St. Joseph's College of Engineering

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IEEE

CERTIFICATE OF PARTICIPATION

is presented to *Narkeesh.K* of Panimalar Institude of Technology for participating in the event - "INQUIZITIVE" under the domain of **Digital Technology** held by IEEE Student Branch Chapter on 1st July, 2020

Remarks in the Feedback of the event:

1. It is a good event. Though it's an online quiz, I have experienced and learnt well. Thank you for conducting online quiz.

2. The quiz was very informative. We had a very good experience. Thank you everyone who worked hard day and night to make this event a grand success. Kindly inform us about your future events like this through e-mail

3. The conduction of quiz is very knowledgeable and useful. I'm enjoyed by attending the three quizzes.

4. Nice event.. I am a first year.. so nice one to know.

5. By Attending this quiz, becomes more eager to answer the questions and it's a well experienced event for me.

6. The organizers did a very good job by providing the correct answers and informing the event schedules on time.

7. Mostly, the Round 1 is a cheerful event (it's like a game event). The Round 2 is also so enthusiastic to participate into it.

8. Knowledgeable and very good experience.

Report on - An Online Challenge for Young Minds
Date: 11-07-2020

BROCHURE

REPORT

An Online event organized exclusively for 11th,12th and Diploma students by the department of ECE in association with OSA student chapter under the topic "An Online Challenge for young minds" .Students were asked to find solutions for the current pandemic situation Covid-19 through Electronics in terms of Video presentation , PPT and model demonstration through Google Meet. The topics includes, Fake news detection in social media, Sanitization and Sterilization, Protective Equipment, Crowd management assistive systems. First the students were asked to submit their abstract of their innovation through google form by 7/06/2020 and based on their abstract they will be shortlisted for final round for their demonstration through Google Meet app. Based on the request made by the participants, the abstract submission date was extended till 30th June. About 10 abstracts were received for various given challenges and all 10 submissions were shortlisted for final round. On 11th July by 6.00PM the final round was conducted through Google Meet and best three students work has been identified and **E-Certificate** for first three places has been awarded.

Samples of Abstract Received from the Participants

1.COVID-19 Tracker using React-JS

Technology used:

Html, CSS, JavaScript, React-JS, Reactstrap.

IDE Handled:

Visual Studio Code.

About this project:

Most people in the world stay at home these days because of the lockdown. Most of you are frustrated about staying at home for a long time. Therefore, I made a COVID-19 tracking application and get pleasure about that I create a tracking application.

In this project, I have created a COVID-19 Tracker/Stats Application. I have used React with the addition of Charts.js, Material UI, and many different modules. Corona Virus is, unfortunately, spreading through the entire world. So, to make the situation better, I came up with an idea to spread awareness by visualizing the data. The data is fetched from the API and I have created cards displaying the statistics as well as Charts. This project/application is created using the most modern JavaScript syntax. The project fetches the live data from the API using Async/Await syntax.

The features of the website are easy to use, attractive UI, charts speak more than text, real-time data, and last but not least, it is a responsive website for both desktop & mobile view

Advantages:

- It will be a protective equipment for personnel's .

- We can track all over the globe and stay safe.

- Here, we have used real time dataset api so that will be attaining dyanamic records of the infected cases, active cases and deaths all over the globe and all are verified data.

API Used:

https://covid19.mathdro.id/api

MoHFW about COVID-19:

https://www.google.com/search?kgmid=/g/11j2cc_qll

Sample Certificates

St. Joseph's College of Engineering
(St. Joseph's Group of Institutions)
OMR,Chennai - 119

Department of Electronics and Communication Engineering
(Accredited by NBA)

CERTIFICATE OF MERIT

This is to certify that..........Mr. Aswin P..........
of..........Bharath Vidya Mandir..........
has won **1st Place** in **OSA School Innovation Contest 2020** - **A Virtual competition** organized by Department of Electronics and Communication Engineering in association with the **OSA Student Chapter** on **11th July 2020.**

Dr. B. Vasudevan
Convenor

Dr. B. Victoria Jancee
Head of the Department

Dr. Vaddi Seshagiri Rao
Principal

St. Joseph's College of Engineering
(St. Joseph's Group of Institutions)
OMR,Chennai - 119

Department of Electronics and Communication Engineering
(Accredited by NBA)

CERTIFICATE OF MERIT

This is to certify that..........Mr. Adley Lamuel S..........
of..........RJ Mantra English School..........
has won **2nd Place** in **OSA School Innovation Contest 2020** - **A Virtual competition** organized by Department of Electronics and Communication Engineering in association with the **OSA Student Chapter** on **11th July 2020.**

Dr. B. Vasudevan
Convenor

Dr. B. Victoria Jancee
Head of the Department

Dr. Vaddi Seshagiri Rao
Principal

	St. JOSEPH'S COLLEGE OF ENGINEERING **OMR, Chennai – 600119** **Department of Electronics and Communication Engineering**	

Report on an International Webinar on Quantum Computing
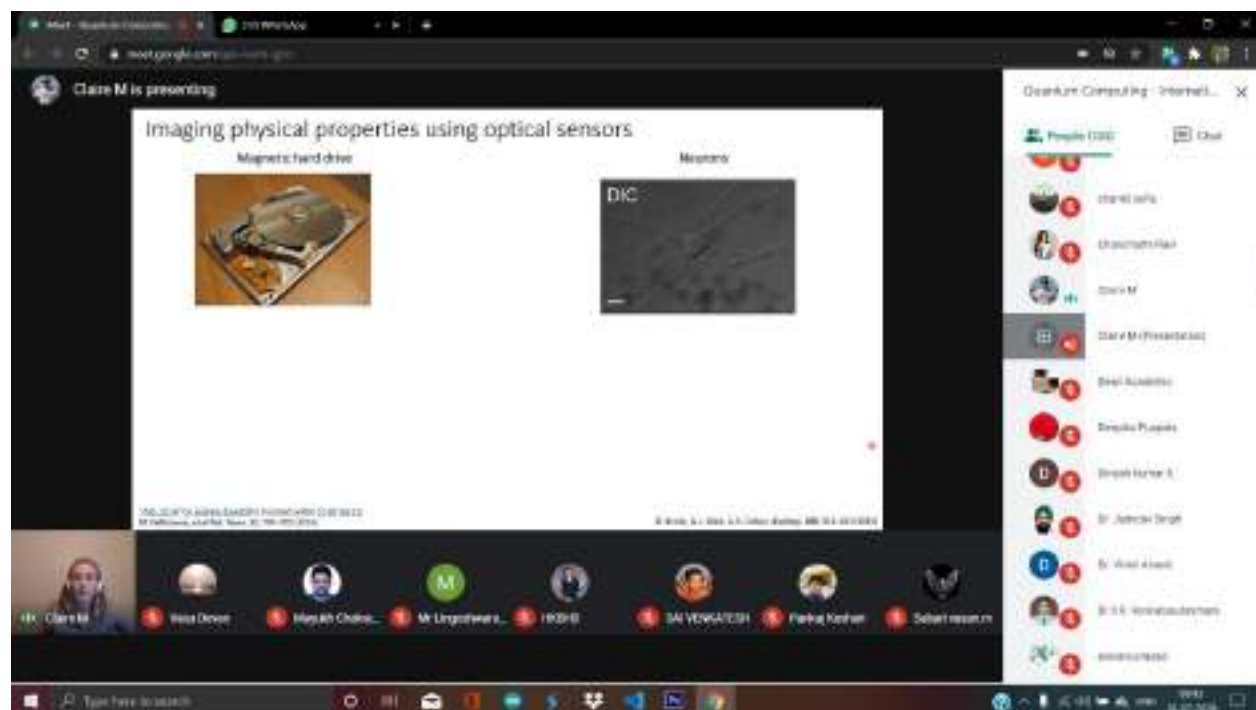**Date: 18-07-2020**

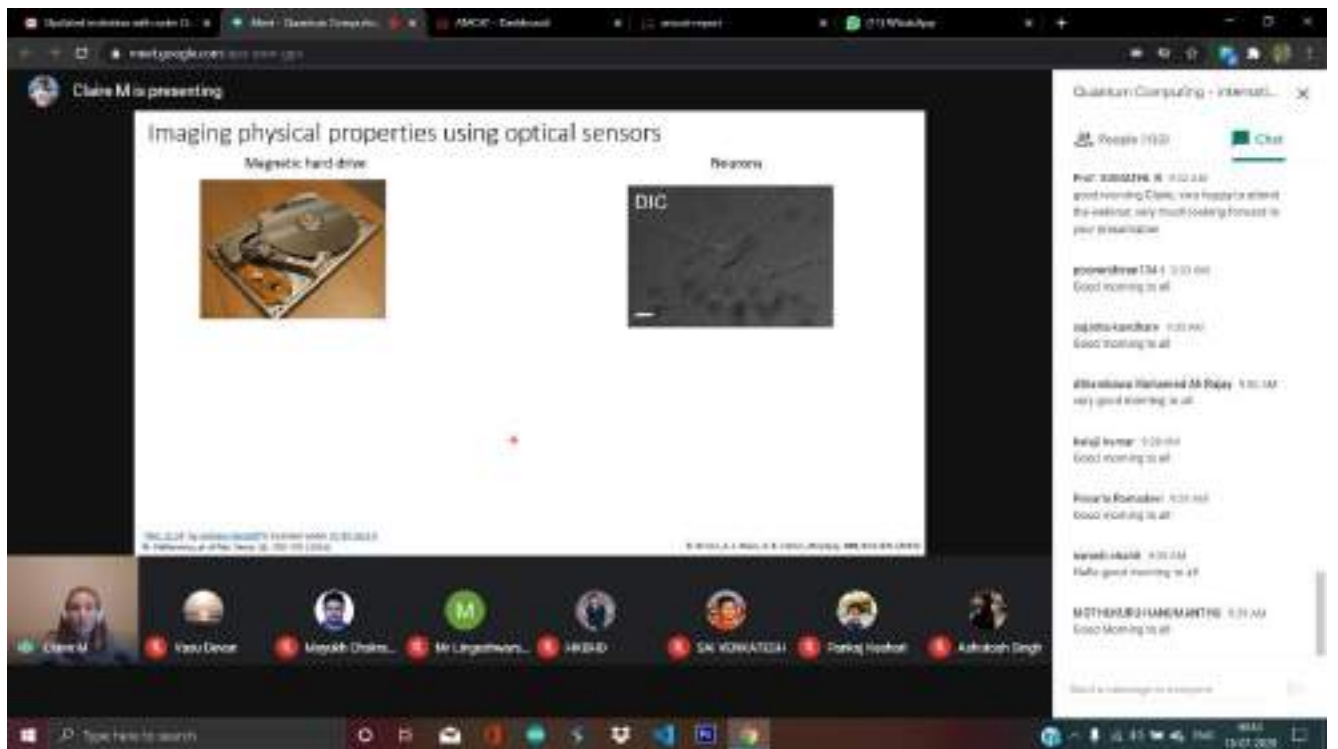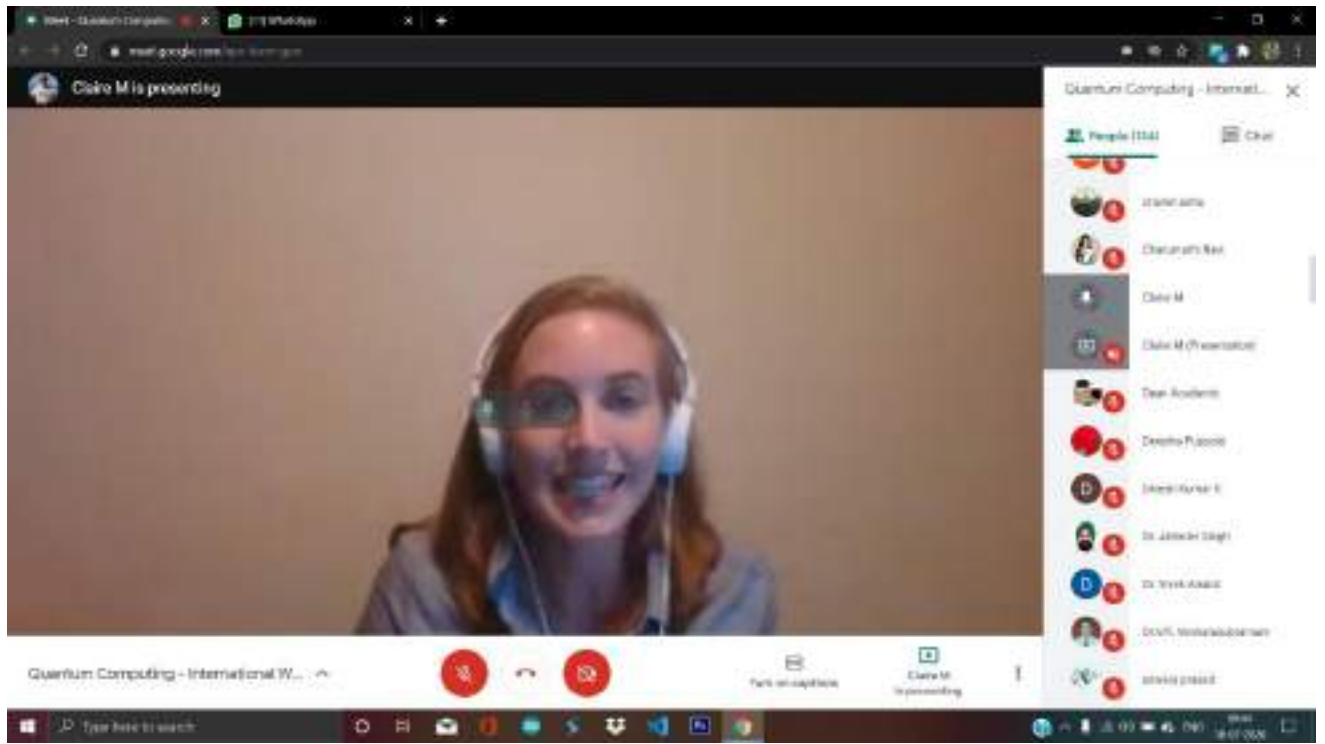| **BROCHURE**	**REPORT**

An International webinar for Engineering Students, Faculty members, Researchers and Industrial Experts on the topic "**Quantum Electronics"** was organized by the department of ECE in association with OSA student chapter on **18.07.2020** using Google meet app between 9.00 AM and 11.00 AM. The **webinar** was presented by Dr. Claire Allison McLellan, OSA 2020, Eary carrier Ambassador , Stanford University, California, USA. Totally **240** members participated from **St. Joseph's group and various other Engineering colleges** all over the globe and got benefited. This webinar provided an opportunity understanding the concept of Quantum Physics linking with the concept of Quantum Electronics and Quantum Computing. The webinar started with an Ice break up session, where the speaker interacted with the participants and shared her views in current research topics. From the **feedback** submitted by the participants it is observed that this webinar was very much **useful and informative** for all and in future many such webinars may be organized for understanding the current research areas. **E-Certificate** was issued to all the 240 participants as an acknowledgement of their participation.

Samples of Feedback Received from the Participants

Email-ID	Feedback for the Speaker	Feedback for the organizing committee
mgsphy@gmail.com	Excellent session thank you so much to organizing committee and resource person	Thank you so much for giving us a wonderful platform to learn lots of new things. Thank you so much to organizing committee
janitajacob06@gmail.com	Informative session	Very useful
chemraji8021@gmail.com	Good	Excellent sir , conduct this type of programme
dineshkumar12004@gmail.com	Very informative	Very informative session

Some of the Screenshots from the virtual meet

Imaging physical properties using optical sensors

Sample Certificates

St. Joseph's College of Engineering
(St. Joseph's Group of Institutions)
OMR,Chennai - 119

Department of Electronics and Communication Engineering
(Accredited by NBA)

Certificate of Participation

This is to certify that...

from...

has participated in International Webinar on "Quantum Computing" Presented by *Dr. Claire Allison McLellan, Stanford University, California, USA,* organized by *Department of Electronics and Communication Engineering* in association with the *OSA Student Chapter* on **18th July 2020.**

Dr. B. Vasudevan
Convenor

Dr. B. Victoria Jancee
Head of the Department

Dr. Vaddi Seshagiri Rao
Principal