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Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 308.

# A REPORT ON WEBINAR TITLED

**“THE ROLE OF INTERNET OF THINGS (IoT) in  
Current Pandemic of COVID-19”**

**27<sup>th</sup> MAY 2021**



**Organized by**

**Department of Electronics and Communication Engineering  
KINGS COLLEGE OF ENGINEERING, PUNALKULAM**

**A NAAC Accredited Institution**

**Recognized under 2(f) & 12(B) of UGC**

**(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)**

**Phone : 04362-282474, 282395**

**Website : [www.kingsindia.net](http://www.kingsindia.net)**

## **A Glimpse on the Background of Webinar:**

Department of Electronics and Communication Engineering, organized a webinar on “**THE ROLE OF INTERNET OF THINGS (IOT) IN CURRENT PANDEMIC OF COVID-19**” on 27<sup>th</sup> May 2021, from 03.00 p.m. to 04.00 p.m.

The main objective of this webinar is to provide basic knowledge on the role of internet of things (IoT) in current pandemic circumstances.

Under the guidance of our Principal, Dr. J. Arputha Vijaya Selvi, we hosted this webinar. Mrs. N.Mangaiyarkarasi, HOD/ECE was the convener of our webinar. Mr.W.Newton David Raj, AP/ECE, Mr.J.Niranjan Samuel,JRF/R&D were the program coordinators.

## **OVERVIEW OF THE WEBINAR:**

### **ABOUT THE RESOURCE PERSON:**

The resource person for the webinar was Dr.JOE LOUIS PAUL, Associate Professor, Department of Information and Technology, SSN College of Engineering, Chennai.

### **ABOUT THE IMPORTANT COMMUNICATION LINK'S**

- **REGISTRATION LINK** : <https://forms.gle/EV39gymwvsvkjQJK6>
- **YOU TUBE LINK** : <https://youtu.be/YcYjGNjH5fl>
- **GOOGLE MEET LINK** : [meet.google.com/aee-yqrn-rnb](https://meet.google.com/aee-yqrn-rnb)
- **FEEDBACK LINK** : <https://tinyurl.com/FB-RoleofIOT27-5>

### **ABOUT THE REGISTRATION PROCESS:**

The webinar was organized via Google Meet platform and also live streamed in YouTube channel. The registration link was shared to participants through various WhatsApp groups and Gmail. We received responses from various institutions and also from internal participants. Confirmation mail along with YouTube link was sent to all the registered participants of the webinar.

## **ABOUT THE WEBINAR:**

- ✓ The webinar started by 3.00 p.m.
- ✓ Ms.M.Keerthika, Student coordinator, Electronics Club (III ECE) welcomed the resource person and the participants.
- ✓ Mr.W.Newton David Raj, AP/ECE coordinator of the webinar introduced the resource person.
- ✓ Resource person gave very clear explanation on the **“THE ROLE OF INTERNET OF THINGS (IOT) IN CURRENT PANDEMIC OF COVID-19 ”** through the following sub-topics:
  - ❖ COVID-19
  - ❖ Transmission of COVID-19
  - ❖ Digital Transformation in Health & Social Care.
  - ❖ Digital Transformation Roadmap
  - ❖ Artificial Intelligence(AI)-Precision Diagnostics
  - ❖ Artificial Intelligence(AI)-Drugs Discovery
  - ❖ Block chain Technology-Electronics Health Record(EHR)
  - ❖ Block chain Technology-Supply Chain
  - ❖ IOT in Remote Health Monitoring
  - ❖ Contact Tracking Architecture
  - ❖ Vaccine Distribution-Global Shipping Infrastructure
  - ❖ FSAI’s Personal Sanitization Solutions
  - ❖ FSAI’s Support to Fight COVID-19
  - ❖ IOT Perspective
  - ❖ IOT & Cloud Based Screening Systems
  - ❖ IOT Asset Tracking and Control
  - ❖ IOT in Patient Monitoring
- ✓ Finally he gave tips regarding useful certification and non certification courses and also shared the link. The queries posted in the YouTube chat box by the participants were clarified. Feedback link was posted in the chat box. Finally, Ms.G.Latchayasri, Student Vice President, Electronics Club proposed vote of thanks. Programme was coordinated by Mr. J. Niranjan Samuel, JRF/R&D.

## **OUTCOME:**

- ✓ Participants were able to understand building blocks of Internet of Things and characteristics.
- ✓ Webinar provided an overview of Cloud based Screening system, Internet in Mobile Devices & Sensor Networks.
- ✓ Participants also enlighten their mind on Industry 4.0, IIoT smart manufacturing.
- ✓ Project skills of the second and third year students were developed through the webinar. They explored to the interconnection and integration of the physical world and the cyber space. The webinar was a eye opener to design & develop projects/products using IoT in drug delivery and IoT Devices.
- ✓ Through the webinar participants gained knowledge on the role of IOT in handling the COVID drug transit and the monitoring the affected patients .
- ✓ The E-Certificate was provided to all the attendees through their E-mail Id.
- ✓ 99 participants participated and gained knowledge.

## **BROCHURE**

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Punalkulam, Gandarvakottai Taluk, Near Thanjavur, Pudukkottai - 613303

**Webinar on**  
**The Role of Internet of Things (IoT) in Current Pandemic of COVID-19**

Organized by  
**Electronics Club, Department of ECE**

 Dr. I. Joe Louis Paul  
Associate Professor/TT  
SSN College of Engineering  
Kalavakkam, Chennai.

**27.05.21**  
**Thursday**  
**03.00 - 04.00 p.m.**

Mr. W. Newton David Raj, AP/ECE  
Mr. D. Niranjan Samuel, DRF/R&D

Mrs. N. Mangalgarasi  
HOD/ECE

Dr. D. Arpitha Vijaya Selvi  
Principal

## Registration Form

Webinar - Role of IoT in Current Pandemic

[Questions](#) Responses 52

### Webinar - Role of IoT in Current Pandemic of COVID-19

Join our WhatsApp for updates  
<https://chat.whatsapp.com/LBQD0I7QqC6E6fJIoHQq3s>

Salutation \*

Mr.

Ms.

Dr.

Prof.

Name of the Participant \*

Short-answer text

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⋮

Designation \*

Faculty

Technical staff

UG - Student

PG - Student

Institution (Kings College of Engineering) \*

Kings College of Engineering

Other...

Institution (Kings College of Engineering) \*

Kings College of Engineering

Other...

Email Id \*

Short-answer text

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Contact number (WhatsApp) \*

Short-answer text

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Promo video

## Feedback Form



### Feedback Form - Webinar on The Role of Internet of Things in Current Pandemic of COVID-19

Organized By Dept. of ECE in Association with IEEE STB and Electronics Club, Kings College of Engineering on 27/05/2021

\* Required

Email \*

Your email

---

Name (Add Salutation before Name Ex. Dr.P.Raja) \*

Your answer

---

Institution (Eg. Kings College of Engineering) \*

Your answer

---

Mobile No

Your answer

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How did you find the Webinar \*

	Average	Good	Very Good	Excellent
Audio & Video quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed of response	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Follow up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How did you find the presentation and content \*

	Average	Good	Very Good	Excellent
Related to the topic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clarity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Response to the question	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Are you interested in participating in future webinars \*

- Yes
- No

Any other comments \*


Your answer



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Submit

## Sample Certificates

Cert. No :WZOEZO-CE000013  
Date : 27-5-2021

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STB16621

**Department of Electronics and Communication Engineering**  
**Role of IoT in Current Pandemic of COVID - 19**  
**Certificate of Participation**


This is to certify that Mr. K.Sudarsanan , Kings college of Engineering pudukkottai , has participated in the Webinar on “Role of IoT in Current Pandemic of COVID - 19”, organized by Department of ECE in Association with IEEE STB and Electronics Club, Kings College of Engineering, Pudukkottai, on 27-05-2021.


Co-ordinator Mr.J.Niranjan Samuel	Co-ordinator Mr.W.Newton David Raj	HOD / ECE Mrs.N.Mangaiyarkarasi	Principal Dr.J.Arputha Vijaya Selvi
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*This is electronically generated certificate and does not need any signature*

Made for free with Certify'em

Cert. No :WZOEZO-CE000005  
Date : 27-5-2021

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STB16621

**Department of Electronics and Communication Engineering**  
**Role of IoT in Current Pandemic of COVID - 19**  
**Certificate of Participation**

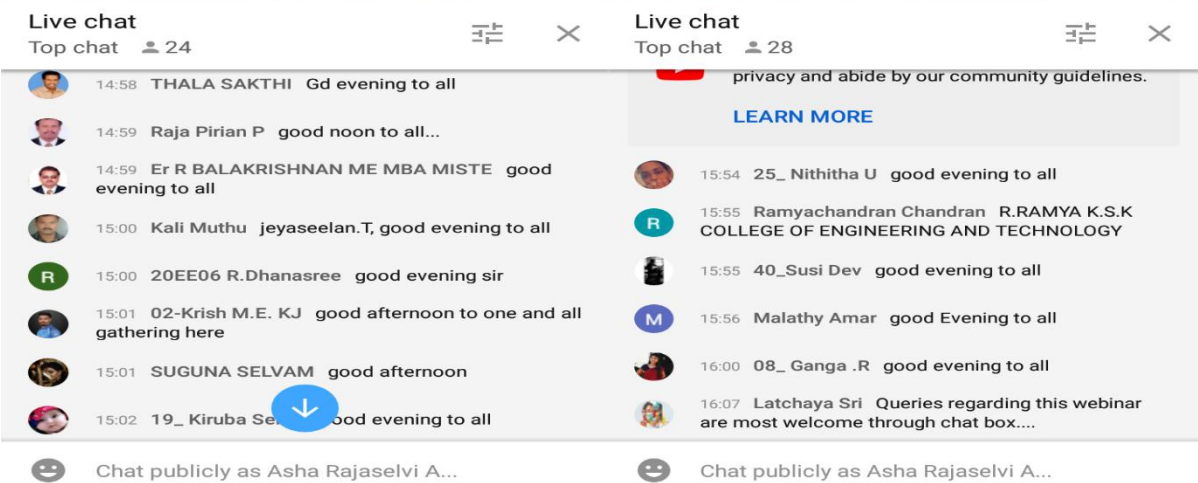
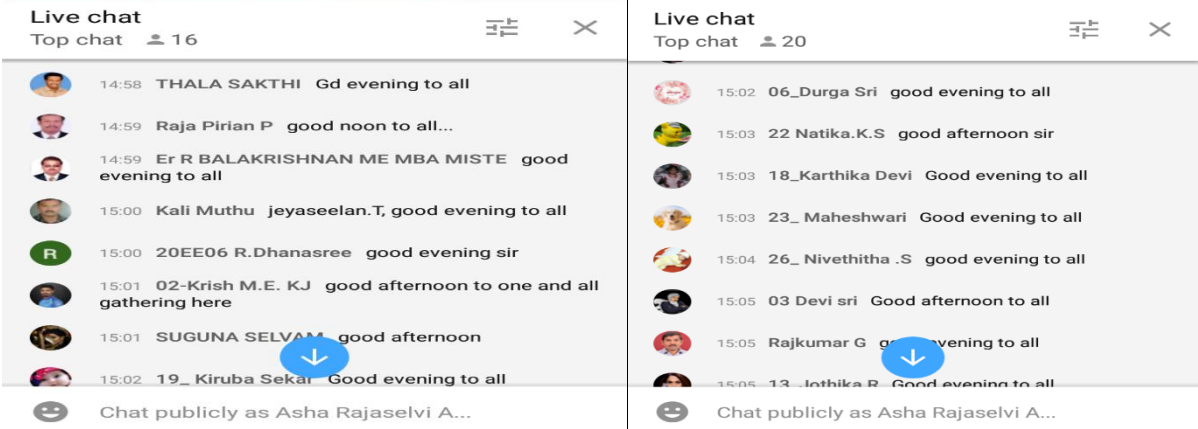
This is to certify that Mr.W.Newton David Raj, Kings College of Engineering,Punalkulam, has participated in the online Webinar on “Role of IoT in Current Pandemic of COVID - 19”, organized by Department of ECE in Association with IEEE STB and Electronics Club, Kings College of Engineering, Pudukkottai, on 27-05-2021.

Co-ordinator Mr.J.Niranjan Samuel	Co-ordinator Mr.W.Newton David Raj	HOD / ECE Mrs.N.Mangaiyarkarasi	Principal Dr.J.Arputha Vijaya Selvi
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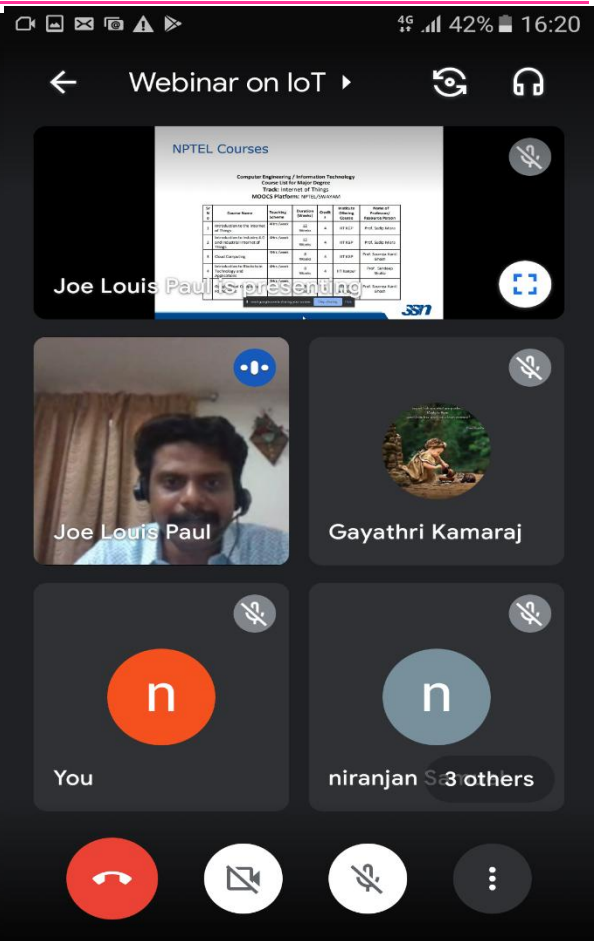
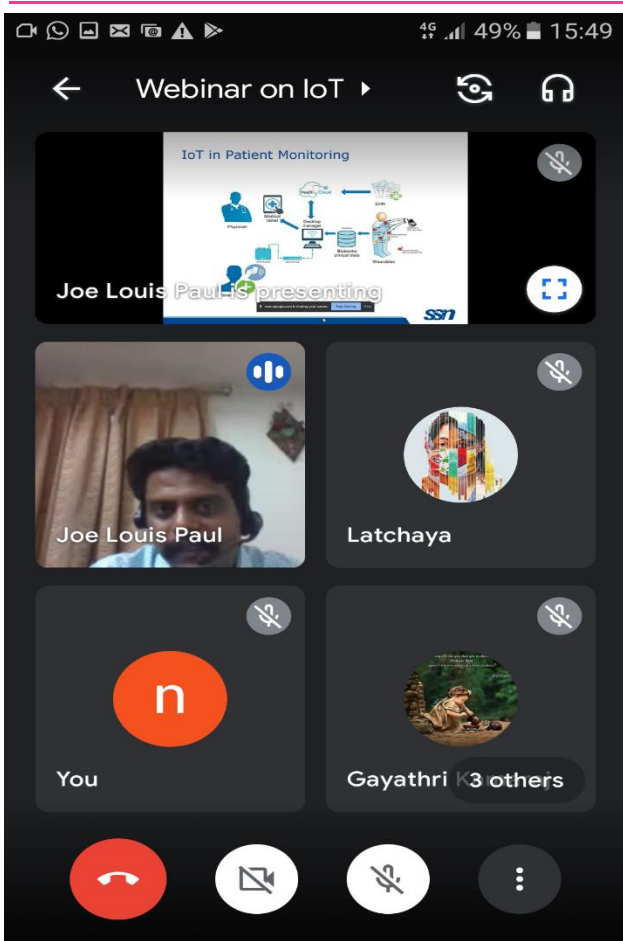
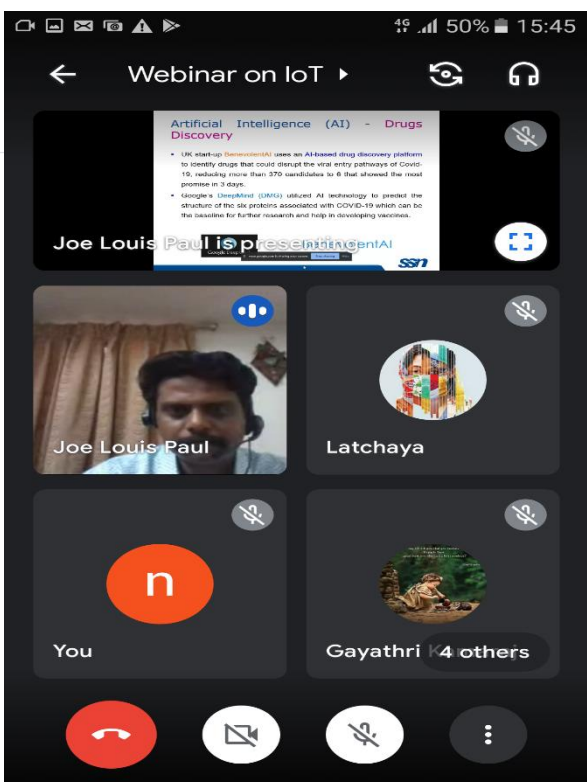
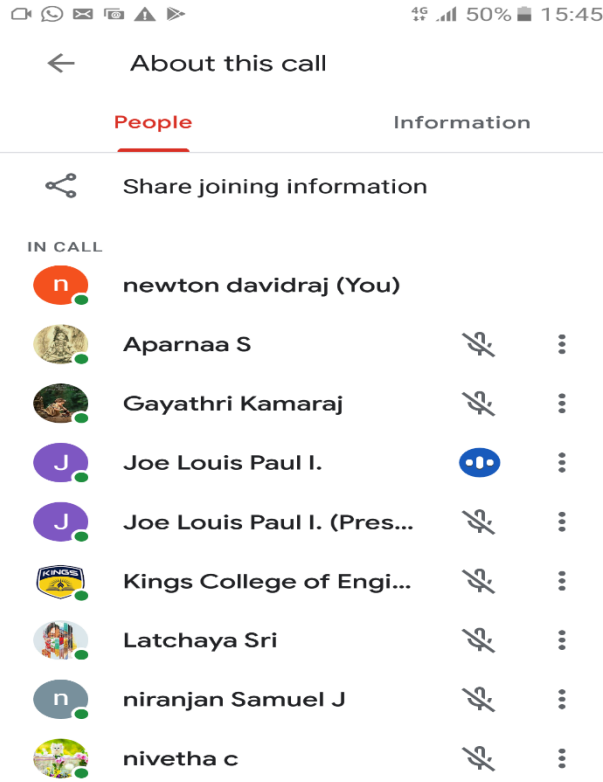
*This is electronically generated certificate and does not need any signature*

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## Sample You Tube Photo's



## Sample Google Meet Photo's



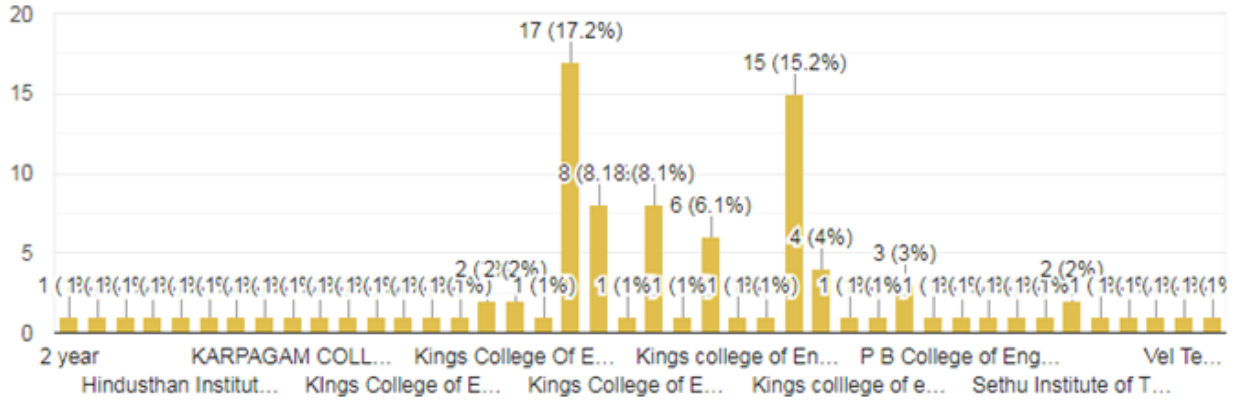


## Feedback Response

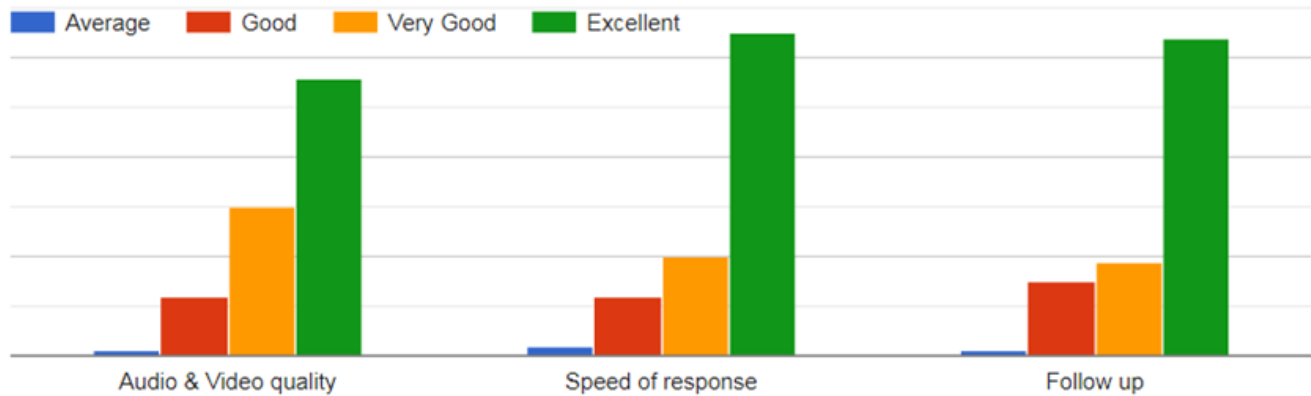
Institution (Eg. Kings College of Engineering)



99 responses



How did you find the Webinar



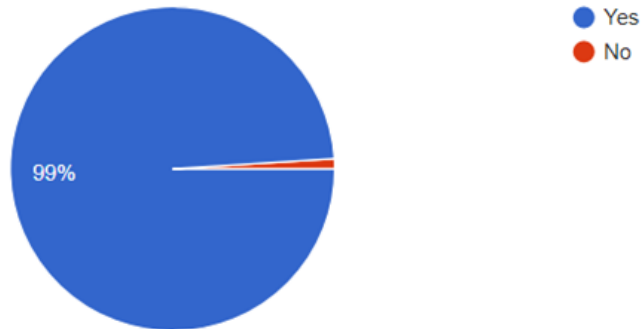
How did you find the presentation and content



## Are you interested in participating in future webinars



99 responses



## Any other comments

99 responses

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Participation for Progress! Excellent Presentation is Made in this 1 Day on National Webinar Entitled Topic on 'Role of IoT in Current Pandemic of COVID-19' on 27-05-2021, the Host Speaker Prof. Dr.I.Joe Louis Paul With His Brilliant Talks By Using His Exceptional PPT's.This International Webinar Training Program is Really Useful; Highly Productive. Immense Thanks to All the Resource Speaker Prof.Dr.I.Joe Louis Paul /Department of Information Technology-DoIT / SSN College of Engineering- Chennai & Huge Thanks to Organizers Electronics Club-Department of E C E / Kings College of Engineering- Punalkulam for having Organized & Conducted this Wonderful Insights Webinar Towards the Preeminent Awareness on "Role of IoT in Current Pandemic of COVID-19".This Comment is From: +Prof.Dr.I.Manavalan/ HSE Consultant Advisor/ Tiruchirappalli /Tamilnadu/ India/ Contact Mobile Cum What'sApp Number: 09442288921/ Date: 27-05-2021.

Excellent

Nice

no

Informative session