



## Dept. of Electronics and Communication Engineering

### Technical Talk

On

# “Quantum Communications and Computing & Awareness on IEEE Memberships”

- ❖ **Date:** 2<sup>nd</sup> May 2023
- ❖ **Time:** 10:30am -12:30pm
- ❖ **Venue:** APJ Abdul Kalam Hall, RRCE
- ❖ **Instructor:** Dr. T Srinivas, Professor at IISc, Bangalore
- ❖ **Objective:**

The main aim of the session was to explain the basics regarding Quantum Communication & Computing and spreading awareness regarding IEEE memberships to our students. How the students should get ready in this situation to grab the opportunities to build their career in Quantum Communications and Computing. He also explains how to be a member of the IEEE Council.

The objective of this program is to learn

- To know about Quantum Communication & Computing.
- Integrated Quantum Communication System
- Research done in Applied Photonics Lab ,IISC.
- Information regarding IEEE memberships

- ❖ **Total numbers of participants:** 220

- ❖ **Major Session Contents:**

DR. T. Srinivas, talked about the recent breakthroughs and research regarding Quantum Communication & Computing and how helpful it will be for the faculties and researchers working in the areas of ECE and encouraged the students to follow their passion in Quantum Computing as that is the future of Computer & Communication Technology. He also lighting on the IEEE Memberships, and its benefits. He explains the few topics listed below.

- What is Quantum Information Technology (Computer & Communication)
- Quantum Bits(Q-bits)
- DiVincenzo Criteria
- Quantum Computers & Communication
- Quantum Entanglement and Cryptography



# RajaraJeswari College of Engineering



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## Dept. of Electronics and Communication Engineering

- Integrated Quantum Communication Devices and Photonics
- Research on Integrated Quantum Communication Devices in the Applied Photonics Lab.
- Information regarding IEEE memberships and advantages of it.
- Motivating students to take up IEEE membership.



**Campus: #14, Ramohalli Cross, Kumbalgotu, Mysore Road, Bengaluru – 560074**

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# RAJARAJESWARI COLLEGE OF ENGINEERING

## ELECTRONICS AND COMMUNICATION ENGINEERING

**Technical Talk**  
*on*



### QUANTUM COMMUNICATIONS AND COMPUTING & AWARENESS ON IEEE MEMBERSHIPS

**Dr. T Srinivas**

Professor  
IISc, Bengaluru

2nd May 2023 (Tuesday)  
@ 10:30 AM

Venue:  
Dr. A P J Abdul kalam Hall

**Co-ordinators**  
Prof. Chaithanya S  
Prof. Santosh Chavan

**Organizer**  
Dr. Rangaiah L  
Prof. & Head of ECE

Dr. J Amuthraj  
Vice-Principal

Dr. R Balakrishna  
Principal

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