Report on One Day Conclave on Photonic Quantum Information Technology

The Department of Electronics and Communication Engineering, Sri Sairam Engineering College, in association with IEEE Sri Sairam Engineering College Student Branch, IEEE Photonics Society Bangalore Chapter, IEEE CEDA Bangalore Chapter, and IEEE ITS Bangalore Chapter, successfully organized a **One Day Conclave on "Photonic Quantum Information Technology"** on **11th April 2026** at the **AV Hall**.

The event commenced in a traditional and auspicious manner with an **invocation (prayer)** followed by the ceremonial **lighting of the kuthuvilakku (lamp)** by the dignitaries, symbolizing the dispelling of ignorance and the beginning of knowledge sharing.

The program formally began with the **Welcome Address delivered by Dr. A. Poonguzhali, Head of the Department (ECE)**, who warmly greeted the dignitaries, resource persons, faculty members, and students. She emphasized the importance of emerging technologies like photonics and quantum information in shaping the future of communication and computing.

This was followed by the **Presidential Address by Dr. B. Shadaksharappa, Principal**, who highlighted the significance of such conclaves in bridging the gap between academia and industry, and encouraged students to actively engage in research-oriented learning.

The dignitaries and resource persons were then honored during the **felicitation ceremony**. The resource persons:

- **Dr. T. Srinivas**, Past Chair, IEEE Photonics Society Bangalore Chapter
- **Mr. Prajwal N**, Secretary, IEEE Photonics Society Bangalore Chapter
- **Dr. Srikanth R**, Associate Professor, Poornaprajna Institute of Scientific Research
- **Mr. Karthiganesh Durai**, Entrepreneur and Quantum Computing Architect

were felicitated by the Principal and HoD with **shawls and mementos** as a token of appreciation for their contribution.

Following the felicitation, the technical sessions began:

- **Dr. T. Srinivas** delivered an insightful talk on *Photonics Devices and Quantum Technology*, explaining fundamental concepts and recent advancements.
- **Mr. Prajwal N** spoke on *Benefits and Career Opportunities in Photonics and Quantum Technology*, guiding students on future prospects and industry demands.

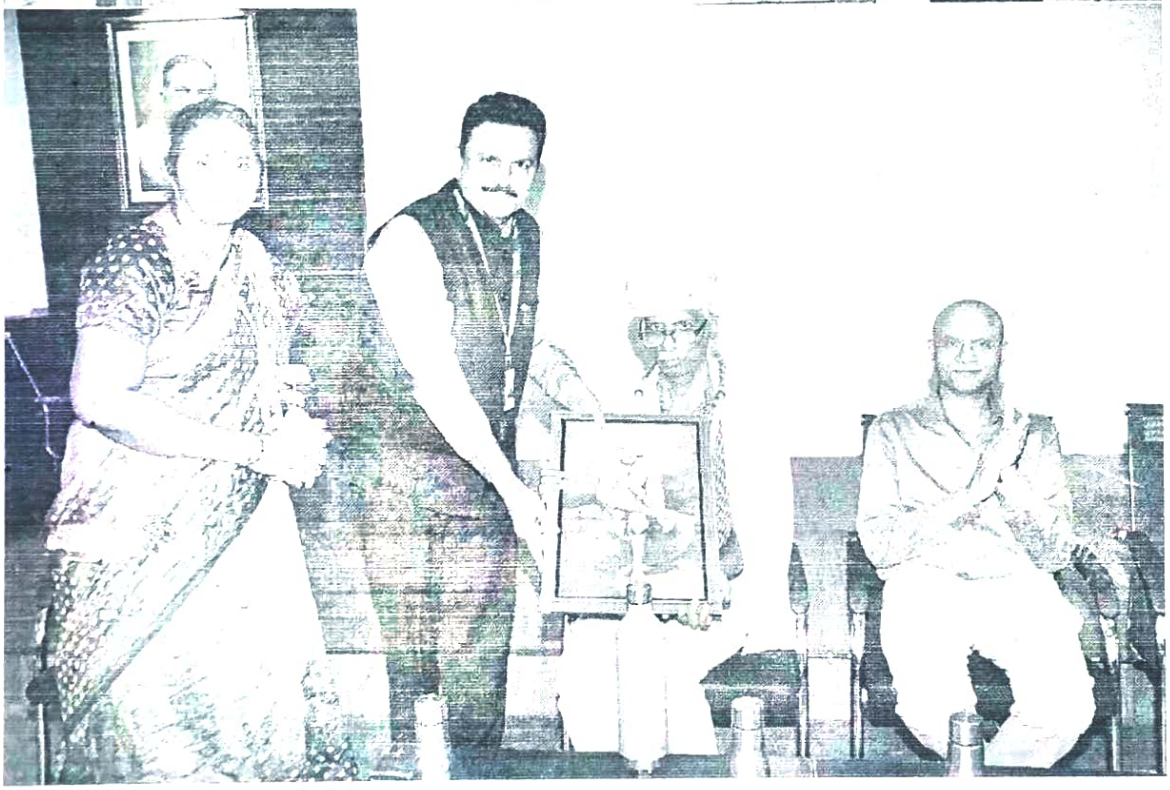
After the **lunch break**, the sessions continued with:

- **Dr. Srikanth R**, who presented on *Quantum Cryptography in the Noisy Real World*, discussing practical challenges and solutions in secure quantum communication.
- **Mr. Karthiganesh Durai**, who conducted a session on *Hands-on Training in Quantum Circuits, QML, and Trends in Quantum Computing*, providing practical insights and exposure to cutting-edge tools and techniques.

The event provided a valuable platform for students and faculty to gain knowledge about the rapidly evolving field of photonic quantum technologies. The conclave successfully enhanced participants' understanding of both theoretical concepts and real-world applications.

The program concluded with a **Vote of Thanks**, expressing gratitude to all dignitaries, speakers, organizers, and participants for making the event a grand success.





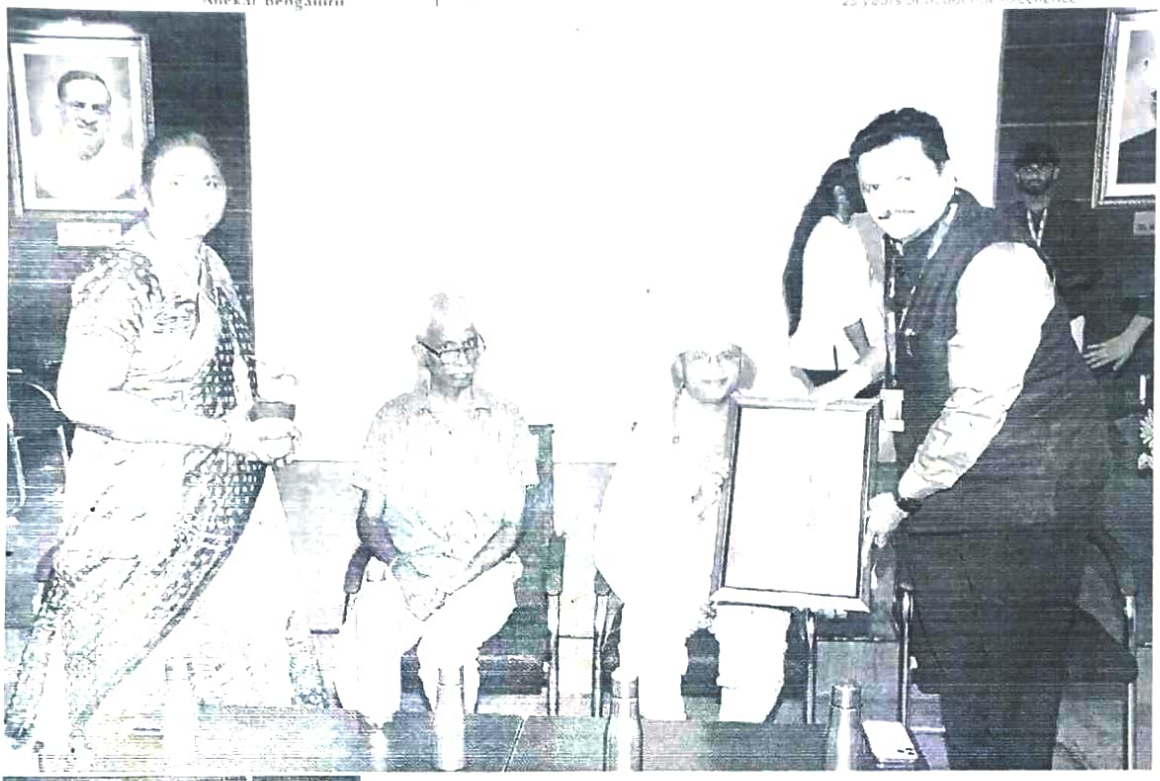
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Coordinator

16/04/2026

HOD