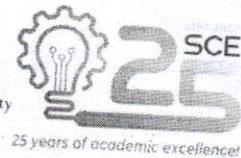




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COLLEGE OF ENGINEERING  
Anekal, Bengaluru

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## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

22<sup>nd</sup> August 2022

### Report on 2 Days Workshop on Embedded System and IOT Design

Department of Electronics & Communication Engineering organized a 2 Days Workshop on **Embedded System and IOT Design** on 19<sup>th</sup> and 20<sup>th</sup> of August 2022.

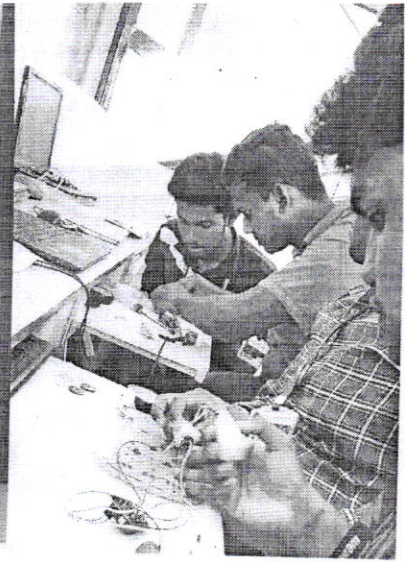
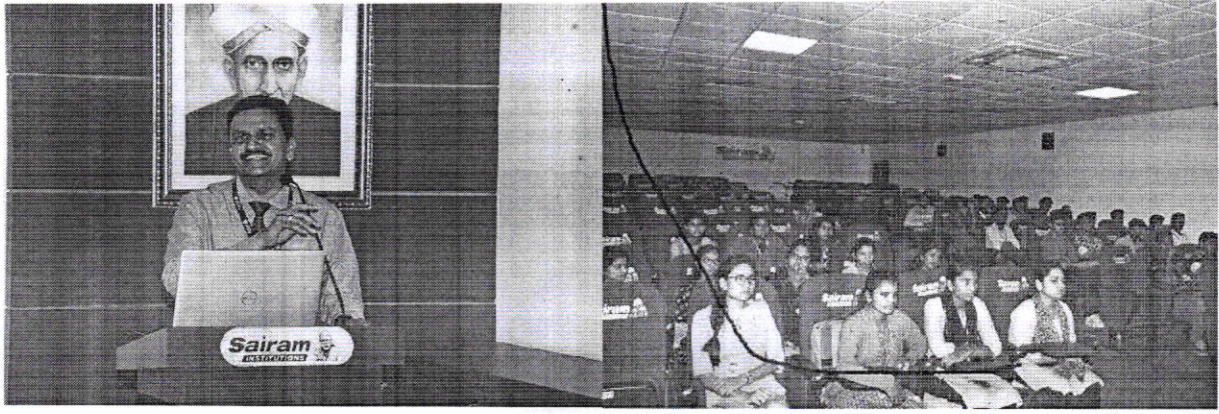
The sessions were handled by Mr. Uday Bhargav, Founder, GenED Technologies, Bengaluru. The following topics were covered ESP32 Microcontroller, Sensor Interfacing, Cloud Platforms for IOT Design, Programming for Measurement and control of different physical parameters using various sensors. The session was scheduled for II-year students.

During the inauguration function, Prof. P. Venugopal, Coordinator welcomed the gathering. Principal Dr. B. Shadaksharappa delivered the presidential address and in his speech, he explained about the need for the skill development in the current scenario how important in Student journey to make the carrier strong. Head of the Department Dr. T. N Prabakar delivered the programme schedule for 2 days.

Resource person Mr. Uday Bhargav delivered the theory and practical session on Microcontroller.

On 20<sup>th</sup> August 2022, Hands on session is arranged the students in Batch wise. The students were provided with microcontroller boards and different set of sensors. They designed and constructed the circuits for different applications based on IOT platform. A part of this session, MIT APP INVENTOR was also introduced to the students, which is used for generating mobile apps for different applications. Resource Person Mr. Uday Bhargav and Trainers Mr. Nandeesh & Mr. Neelanjan trained the students in different domains. All batch students designed the project module at the end of the session.

Mr. P. Venugopal proposed vote of thanks.

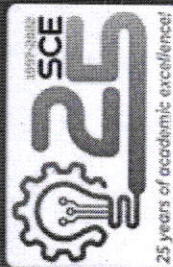




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**IEDC** INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE

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Department of Electronics & Communication Engineering Organizes

WorkShop on

## "Embedded Systems & IoT Designs"

Join us on

19<sup>th</sup> and 20<sup>th</sup> August 2022

**Dr. T N Prabakar**  
Prof. & HOD, ECE

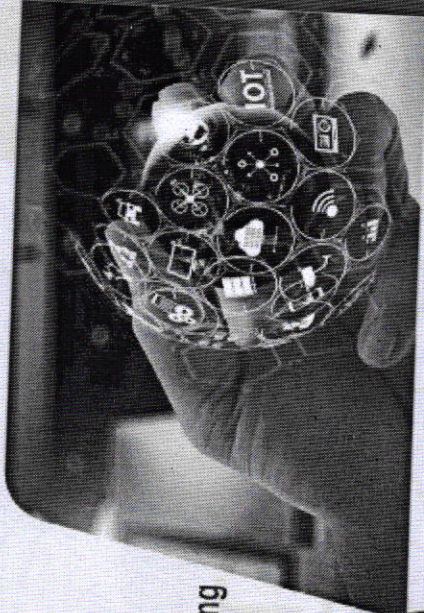
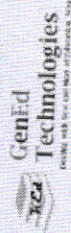
**Dr. B. Shadaksharappa**  
Principal

**Sri Sai Prakash LeoMuthu**  
Chairman & CEO, Sairam Institutions

Resource Person



**Sri. Uday bhargav**



### Vision of the Institute

To emerge as a "Centre for excellence" offering Technical Education and Research opportunities of very high standards to students, develop the total personality of the individual, and instill high levels of discipline and strive to set global standards, making our students technologically superior and ethically strong, who in turn shall contribute to the advancement of society and humankind.

### Vision of Dep.

Producing competent engineers with innovative ideas to meet the global needs and standards.

### PEOs of Dep.

- PEO1: To develop analytical technological skills with a professional attitude in the field of Electronics and communication Engineering.
- PEO2: To reform self-learning with technical potency in industry-oriented training.
- PEO3: To renew Industrial technologies with professional estimation through attained knowledge in their chosen field.
- PEO4: To inculcate professional effectiveness with self-oriented Industrial ethical revolution.

### Mission of the Institute

We Dedicate and commit ourselves to achieve, sustain and foster unmatched excellence in Technical Education. To this end, we will pursue continuous development of Infrastructure and enhance state-of-the-art equipment to provide our students a technological up-to-date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and inculcate in them ethical and moral values.

### Mission of Dep.

- M1. To produce graduates with technical expertise, professional attitude & ethical values
- M2. To reform the potency of Engineering through exploration-based learning
- M3. To create a passion amongst students for contributing to research by providing industry-oriented training.
- M4. To inculcate in the graduates, the thirst for self-learning & guide them to obtain knowledge in their chosen field.

