

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
COLLEGE OF ENGINEERING (AUTONOMOUS), PULIVENDULA
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Date: 20.11.2018.

APSSDC-Circular

All students are hereby advised that the APSSDC program "Embedded Systems Workshop 2018-19 [Sem-2]" will be held on November 26, 2018 to March 31, 2019, in the CSE R&D lab. As a result, I'm directing all the students who have signed up for this program to show up without fail.

G. Murali

In charge of APSSDC Program

Copy to:

1. Principal's Peshi for information.
2. The vice Princiapal for information
3. All Head of the Departments.
4. Notice Board
5. File

V.S. - G.K.
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J.N.T.U Anantapur
ANANTAPURAMU 515002

PROGRAM REPORT

Program Name: Embedded Systems Workshop 2018-19 [Sem-2]

Program Date: 26-08-2018 to 31-03-2019

Venue: JNTUA College of Engineering, Pulivendula

About the Program:

The workshop curriculum covered the following key topics:

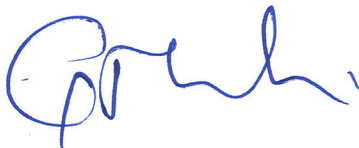
- Introduction to Embedded Systems: An overview of embedded systems, their characteristics, and their significance in modern technology.
- Microcontrollers and Microprocessors: Understanding the differences between microcontrollers and microprocessors, and their use in embedded systems.
- Embedded C Programming: Learning the basics of programming microcontrollers using the C programming language.
- Interfacing with Sensors and Actuators: Exploring techniques to interface microcontrollers with sensors and actuators for data acquisition and control.
- Communication Protocols: Understanding common communication protocols used in embedded systems, such as UART, SPI, and I2C.
- Real-time Operating Systems (RTOS): Introduction to real-time operating systems and their relevance in handling time-critical tasks.
- Embedded Systems in IoT: Discussing the integration of embedded systems in the Internet of Things (IoT) ecosystem.

Trainees Attended: 51

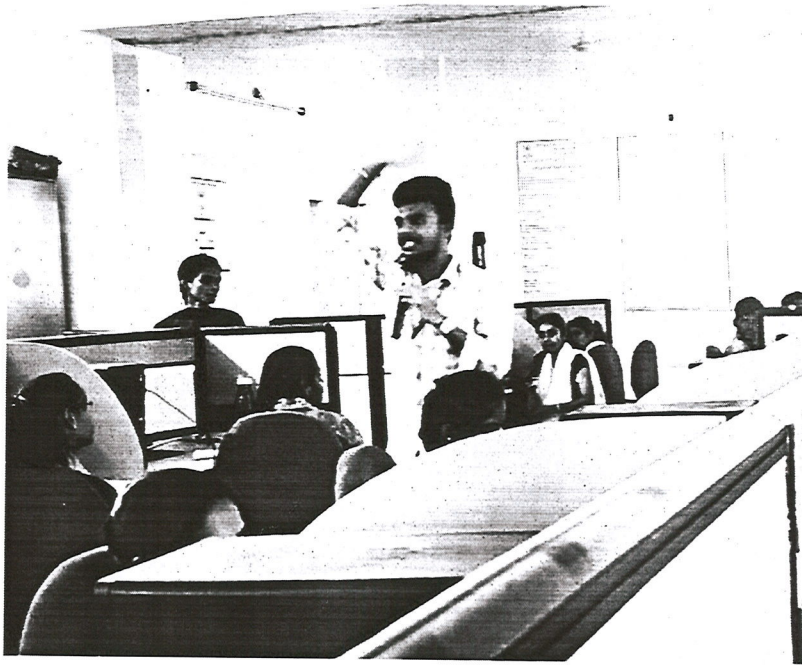
Participants Feedback:

Feedback was collected from participants at the end of the workshop. The response was positive, with participants expressing satisfaction with the workshop's content and delivery. Some common feedback points included:

- The workshop provided a comprehensive and structured introduction to embedded systems.
- Hands-on workshops were valuable in gaining practical experience and reinforcing learning.
- Instructors were knowledgeable, approachable, and eager to assist participants with their queries.



V. Sumanth
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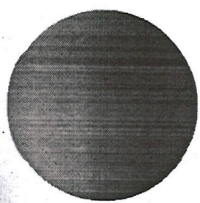


Conclusion:

The Embedded Systems Workshop provided participants with valuable insights into embedded systems and practical skills in designing and programming microcontroller-based projects. The hands-on approach and interactive sessions contributed to the workshop's success in fostering a deeper understanding of this critical field in modern technology.

Gowthi

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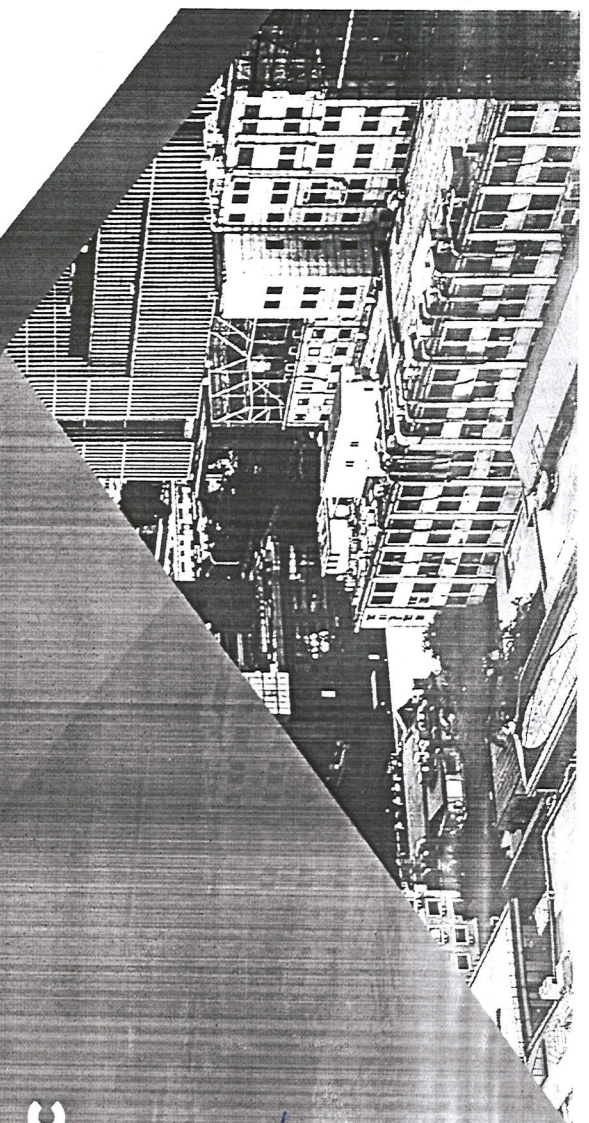
EMBEDDED SYSTEM WORKSHOP

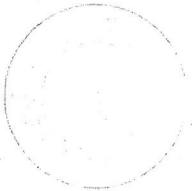
AN EMBEDDED SYSTEM CAN BE AN INDEPENDENT SYSTEM OR IT CAN BE A PART OF A LARGE SYSTEM. AN EMBEDDED SYSTEM IS A MICROCONTROLLER OR MICROPROCESSOR BASED SYSTEM WHICH IS DESIGNED TO PERFORM A SPECIFIC TASK. FOR EXAMPLE, A FIRE ALARM IS AN EMBEDDED SYSTEM; IT WILL SENSE ONLY SMOKE. IT HAS HARDWARE.

**VENUE:
JNTUACEP**

**ORGANISED
BY: APSSDC**

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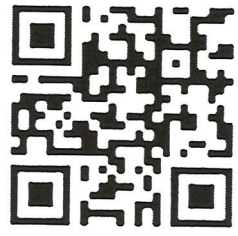
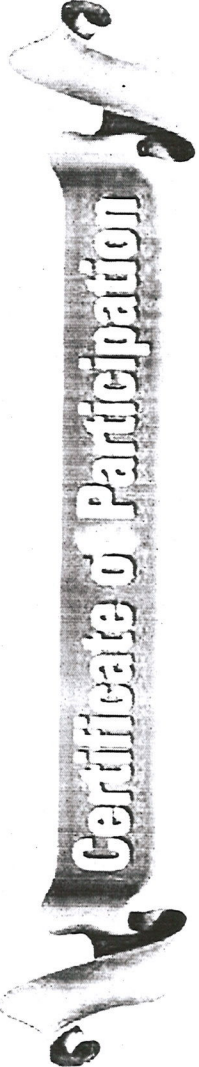


Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skills Development & Training, Govt. of Andhra Pradesh)



Sk | IAP
APSSDC



Cert.No.

Regd Id : 15191A0409

This is to certify that Mr./Ms./Mrs..... Dasu Madhavi Krishna.....
ofJNTUA.College.Of.Engineering.Pulivendula..... has successfully
participated Training Program on ..Embedded Systems Workshop 2018-19 [Sem-2]
held from26-11-2018..... to31-03-2019.....

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APSSDC

MKV Sreenivasulu

Executive Director,

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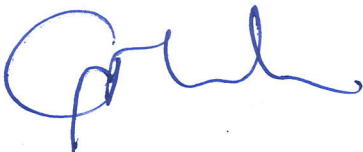
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Managing Director

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