

A.V.C. COLLEGE OF ENGINEERING
DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

REPORT ON ONE DAY WORKSHOP “EMBEDDED SYSTEMS & IoT”

Date: 25.03.2024

The Department of Instrumentation and Control Engineering, in association with ISOI Student Chapter, organized a One Day Workshop on “Embedded Systems & IoT” on 20th March 2024. The event aimed to provide students with technical knowledge and practical exposure to embedded systems and IoT technologies.

The programme began at 09.30 a.m. with Invocation by students, followed by the Welcome Address delivered by Mrs. J. Sharmila Devi, Assistant Professor/ICE. Felicitation was offered by the dignitaries.

The Inaugural Address was delivered by Dr. C. Sundar Raj, Principal, A.V.C. College of Engineering. He highlighted the importance of embedded technologies and IoT in modern engineering applications.

Session 1 (10.00 – 10.40 a.m.) Dr. S. Kamalathiyagarajan, Assistant Professor/EEE, AAMEC, Kovilvenni, handled the session on Embedded Systems. He explained microcontroller fundamentals, applications, and real-time embedded design concepts.

After a Tea Break, Session 2 (10.55 a.m. – 12.30 p.m.) focused on IoT and its Applications. The resource person detailed IoT architecture, sensors, communication protocols, and industrial applications. A Lunch Break followed from 12.30 p.m. to 01.30 p.m.

Session 3 (01.30 – 03.00 p.m.) was a Hands-on Training Session, where students practiced microcontroller programming, sensor interfacing, and IoT-based real-time applications.

Participants shared their feedback, expressing that the workshop enhanced their understanding of embedded systems and IoT technologies. Certificates were distributed by the dignitaries.

The programme concluded with the Vote of Thanks delivered by Mr. S. Suriyaprakash, Assistant Professor/ICE, followed by the National Anthem at 03.40 p.m.