A.V.C. COLLEGE OF ENGINEERING

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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

in association with

INSTRUMENT SOCIETY OF INDIA (ISOI) STUDENT CHAPTER

Report on

Title: Smart Process Control and Data Logging using Python with PHP Interface
Date: 28.10.2025 (Tuesday)
Venue: ICE Seminar Hall   **Time:** 2.30 p.m. to 4.00 p.m.

Event Coordinator: Dr. J. Sharmila Devi, ISOI Coordinator
HoD- ICE : Dr. S. Vadivazhagi, Professor & Head
Resource Person: Dr. R. Kanimozhi, Professor & Head, Department of Artificial Intelligence and Data Science, AVCCE
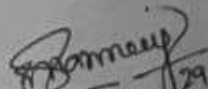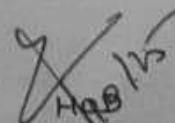
With the Guidance of:
Dr. P. Balasubramanian, Principal & Dr. M. Senthilmurugan, Director

The Department of Instrumentation and Control Engineering, in association with the Instrument Society of India (ISOI) Student Chapter, organized a seminar on "Smart Process Control and Data Logging using Python with PHP Interface" on 28th October 2025 at the ICE Seminar Hall. The event aimed to enhance students' understanding of modern control systems, data acquisition, and integration techniques using open-source technologies.

The session commenced with a Welcome Address by Ms. J. R. Mahalakshmi of IV Year ICE, followed by a felicitation of dignitaries on the dais. Ms. S. Shiva Sree of IV Year ICE introduced the resource person, Dr. R. Kanimozhi, Professor and Head, Department of Artificial Intelligence and Data Science, A.V.C. College of Engineering. In the Inaugural Address, Dr. P. Balasubramanian, Principal of A.V.C. College of Engineering, emphasized the significance of interdisciplinary knowledge and the importance of connecting automation and data science for future-ready engineering applications. The technical session was delivered by Dr. R. Kanimozhi, who provided an in-depth presentation on smart process control mechanisms, data logging architectures, and the integration of Python with PHP for developing intelligent control and monitoring systems. She demonstrated how real-time data acquisition and analysis can be implemented efficiently using open-source tools. The session was highly interactive, with students from first to final year ICE actively participating and engaging in discussions.

The event concluded with a Vote of Thanks proposed by Ms. P. Jamuna Sri of IV Year ICE, who expressed gratitude to the management, Principal, Director, HoD, faculty members, and the resource person for their support and encouragement. The seminar provided valuable insights into emerging trends in smart process automation and web-based data monitoring, inspiring students to explore advanced technologies in their academic and project work.

29/10/25

EVENT COORDINATOR
DR. J. SHARMILA DEVI

DR. S. VADIVAZHAGI