



KLS Vishwanathrao Deshpande Institute of Technology

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(Approved by AICTE, New Delhi. Affiliated to VTU, Belagavi)

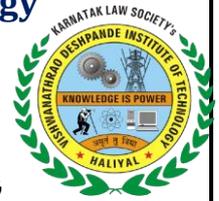
(Recognized Under Section 2(f) by UGC, New Delhi)

Udyog Vidya Nagar, Haliyal – 581329, Dist.: Uttara Kannada

Phone: 08284-220861

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

www.klsvdit.edu.in/principal@klsvdit.edu.in



Report on FDP on Microchip Embedded Systems

The Department of Electrical and Electronics Engineering organized a six-day Faculty Development Program (FDP) on **Microchip Embedded Systems** from May 5 to 10, 2025. The event was conducted in collaboration with AICTE-ATAL, Microchip Technology, and Eduskills. The program aimed to enhance the knowledge and skills of faculty in the area of embedded systems through hands-on training and expert sessions. The FDP was inaugurated on May 5th by Principal Dr. V. A. Kulkarni. Head of the Department Prof. Rajeshwari N and the event coordinator presided over the function.

Mr. Prabhupada Samal, an expert in embedded systems, served as the resource person for the entire duration of the program. He began with an introduction to ARM processor architecture and explained the basic concepts in a detailed and easy-to-understand manner. Over the six days, he trained the participants on writing embedded C code for ARM-based systems. The FDP included simulation techniques using Microchip software tools. Participants were also engaged in hands-on training using development kits provided for the sessions. Mr. Samal emphasized the practical aspects of embedded design and implementation. He also shared insights on how these kits can be effectively used for student project development. The sessions were highly interactive and application-oriented. Faculty members had opportunities to clarify doubts and work on real-time coding tasks. A total of 22 faculty members participated in the event. Participants came from Electrical and Electronics, Electronics and Communication, and Computer Science departments. The FDP encouraged interdisciplinary learning and knowledge sharing among departments. The response from participants was overwhelmingly positive. They appreciated the content delivery and practical exposure. Certificates were distributed to all attendees on May 10, 2025. The FDP concluded successfully with active participation and constructive feedback. It contributed to technical skill development and enhanced the confidence of faculty in handling embedded system projects. The event marked a significant step toward academic and professional growth of the participants.



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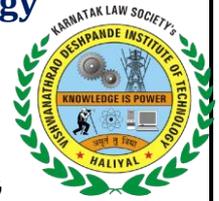
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Event Co-ordinator

HoD