

Report on two days workshop at Parul University

Two days workshop on "Programming ARM Cortex M4 Microcontroller STM32Fxx using MATLAB/Simulink" is organised at Parul University, Vadodara. The event was sponsored by IEEE Gujarat Section and happened during 22nd and 23rd December 2023.

As part of the workshop, expert-led hands-on training on the following topics were covered:

- i. Programming of GPIO (LED, Key, LCD Interfacing, and programming)
- ii. Programming of Basic PWM Timers
- iii. Programming of Advanced PWM Timers
- iv. Programming of ADC
- v. Development of DC-AC converters (SPWM Pulses)
- vi. Demonstration of the working of Three-Phase Inverter

The hardware support was organised through National Infotech, Surat and Abid Mansuri, Sr. Engineer (Training), National Infotech, Surat and Mahmdasraf Mulla, SVNIT, Surat conducted all sessions.

We extend our heartfelt thanks to Parul University, Vadodara, for hosting this enriching event and to IEEE Gujarat Section for their generous sponsorship, enabling to contribute to practical learning and skill development.

Some photographs of the event are as following:



