

SCHEDULE

Embedded System and Machine Learning for Engineering Applications

12/02/2024 to 17/02/2024 (6 days).

Day	Date	Session 1	Resource person	Topic	Session 2	Resource person	Topic
Monday	12/2/2024	9:30-12:30	Prof. Shafi MN, Assistant Professor, TKMCE Kollam	Introduction to Embedded Systems and Embedded Programming	1:30 -4:30	Prof. Shafi MN, Assistant Professor, TKMCE Kollam	Hands on session on embedded system development.
Tuesday	13-02-2024	9:30-12:30	Mr. Mohamed Aslam CEO at M/s inqbe innovations pvt It Kerala, India	Hands on Simulation on DC_DC boost converter and solar MPPT, PWM generation using TMS320C2000 and Simulink coder	1:30 -4:30	Mr. Ansal, Project Engineer, M/s inqbe innovations pvt It Kerala, India	Hardware experiments on Solar MPPT
Wednesday	14/02/2023	9:30-12:30	Mr. Krishna Mohanan, Project Engineer M/s inqbe innovations pvt It Kerala, India	Power electronics converters for solar grid applications	1:30 -4:30	Mr. Ansal, Project Engineer, M/s inqbe innovations pvt It Kerala, India	hardware experiments on Three phase solar grid inverter
Thursday	15/02/2024	9:30-12:30	Dr. Shihab, Assistant Professor, NIT calicut	Machine Learning in power system applications	1:30 -4:30	Dr. Ushakumari, Rtd Professor and Head EE Department CET	UHV- Introduction
Friday	16/02/2024	9:30-12:30	Dr. Salim A, Professor, Dept of CSE, CET	Neural networks and deep learning	2:00 – 5:00	Dr. Ajeesh Ramanujam, Associate Professor, Dept of CSE, CET	Convolutional neural networks
Saturday	17/02/2024	9:30-12:30	Dr. Sheik Mohammed Sulthan, Assistant Professor, Electrical and Electronics Engineering Programme, Universiti Teknologi Brunei, Brunei Darussalam	Learning Automata for Engineering Applications	1:30 -4:30	Dr. Mohammed Mansoor, Associate Professor, TKMCE Kollam	Power systems automation