![Mead Education logo]

DELTA-SIGMA DATA CONVERTERS
ON-LINE CLASS on MS TEAMS
June 26 - July 7, 2023

WEEK 1	JUNE 26-30
WEEK 2	JULY 3-7

DAILY	Central European Time	Eastern Standard Time	Pacific Standard Time	India Standard Time
	CET (Lausanne)	EST (New York)	PST (California)	IST (India)
Module 1	4:00-5:30 pm	10:00-11:30 am	7:00-8:30 am	7:30-9:00 pm
Module 2	6:00-7:30 pm	12:00 am -1:30 pm	9:00-10:30 am	9:30-11:00 pm

WEEK 1	Module		
Monday, June 26	1&2	Delta Sigma Converter Basics – Parts A & B (Module 1 + 2)	Shanthi Pavan
Tuesday, June 27	1&2	Delta Sigma Converter Basics – Parts C & D (Module 1 + 2)	Shanthi Pavan
Wednesday, June 28	1	Delta Sigma Converter Basics – Part E (Module 1)	Shanthi Pavan
	2	High-Level Design of CT-Delta Sigma Modulators (Module 2)	Shanthi Pavan
Thursday, June 29	1	Discrete-Time Delta Sigma Design	David Johns
	2	Introduction to the Delta Sigma Toolbox	David Johns
Friday, June 30	1	Bandpass Delta Sigma ADCs	David Johns
	2	Incremental and Sensor ADCs	David Johns

WEEK 2	Module		
Monday, July 3	1	Circuit Techniques to Mitigate Flicker Noise in CTDS Modulators	Shanthi Pavan
	2	Non-Idealities in Continuous-Time DS Modulators (Module 1)	Shanthi Pavan
Tuesday, July 4	1	Design of Building Blocks for CTDSM Modulators - part 1 (Module 2)	Shanthi Pavan
	2	Design of Building Blocks for CTDSM Modulators - part 2 (Module 1)	Shanthi Pavan
Wednesday, July 5	1	Systematic Design Centering of a Practical CTDSM (Module 2)	Shanthi Pavan
	2	FIR feedback in CTDSMs (Module 2)	Shanthi Pavan
Thursday, July 6	1	Introduction to Dynamic Element Matching and Calibration	Shanthi Pavan
	2	Cascaded Continuous-Time Delta-Sigma Converters	Shanthi Pavan
Friday, July 7	1	Case Studies : Part 1	Shanthi Pavan
	2	Case Studies : Part 2	Shanthi Pavan