

Theory & Applications of Computational Fluid Dynamics

Tentative Schedule (Day wise):

Day	Teaching Slot 9:30 to 11:00		Teaching Slot 11:15-12:45		Teaching Slot 2:00-3:30		Teaching Slot 3:45-5:15
Day 1 11 Feb., 2019 (Monday)	Introduction to CFD <i>(C-LH3)</i>	Tea Break 11am-11:15am	Finite Volume Method <i>(C-LH3)</i>	Lunch 12:45PM-2PM	CFD Lab – Heat Conduction <i>(CAE-Lab)</i>	Tea Break 3:30-3:45	CFD Lab – Heat Conduction <i>(CAE-Lab)</i>
Day 2 12 Feb., 2019 (Tuesday)	Solution Algorithms-I <i>(C-LH8)</i>		Solution Algorithms-II <i>(A-117)</i>		CFD Lab – Laminar Flows <i>(CAE-Lab)</i>		CFD Lab – Laminar Flows <i>(CAE-Lab)</i>
Day 3 13 Feb., 2019 (Wednesday)	Theory of Turbulence <i>(A-620)</i>		Turbulence Modelling <i>(A-620)</i>		CFD Lab – Turbulent Flow <i>(CAE-Lab)</i>		CFD Lab – Turbulent Flow <i>(CAE-Lab)</i>
Day 4 14 Feb., 2019 (Thursday)	Introduction to Combustion <i>(C-LH3)</i>		Combustion Modelling <i>(C-LH3)</i>		CFD Lab – Combustion Modeling <i>(CAE-Lab)</i>		CFD Lab – Combustion Modeling <i>(CAE-Lab)</i>
Day 5 15 Feb., 2019 (Friday)	Introduction to Multiphase Flow <i>(A-620)</i>		Multiphase Modelling <i>(A-620)</i>		CFD Lab – Multiphase Modeling <i>(CAE-Lab)</i>		CFD Lab – Multiphase Modeling <i>(CAE-Lab)</i>

- Please make workshop teaching slots of 1.5hrs each.