Schedule of FDP on Computational Fluid Dynamics

Date Time	Morning Session				Afternoon Session		
	9.30 - 11.00 AM	**Tea Break 11:00-11:15 AM**	**11.15 – 12.30 PM**	**Break / Lunch**	**01.00 PM 02.30 PM**	**Tea Break 02:30-03:00 PM**	**3.00 -4.30 PM**
	Session 1		**Session 2**		**Session 3**		**Session 4**
29th April, 2018	Fundamentals of Fluid Mechanics-Basics to be known **K Ramesh (Ph.D, IISc) BMSCE**		Fundamentals of ODE and Solving using MATLAB **Dr Santosh Doreswamy Ph.D (IISc), BMSCE**		MATLAB Review **Dr Santosh Doreswamy Ph.D (IISc), BMSCE**		MATLAB Review **Dr Santosh Doreswamy Ph.D (IISc), BMSCE**
30th April, 2018	Finite Difference Method **K Ramesh (Ph.D, IISc) BMSCE**		Linear Convection Equation Convection Diffusion and Laplace Equations **K Ramesh (Ph.D, IISc) BMSCE**		Coding of Linear Convection and Laplace Equations in MATLAB **K Ramesh (Ph.D, IISc) BMSCE**		Coding of Linear Convection and Laplace Equations in MATLAB **K Ramesh (Ph.D, IISc) BMSCE**
01st May, 2018	Solution of 1-D and 2-D heat conduction with (Finite Difference method) Constant temperature boundary conditions **K Ramesh (Ph.D, IISc) BMSCE**		Solution of 1-D and 2-D heat conduction with (Finite Difference method) Constant heat flux boundary conditions **K Ramesh (Ph.D, IISc) BMSCE**		Solution of 1-D and 2-D heat conduction with (Finite Difference method) Convective boundary conditions **K Ramesh (Ph.D, IISc) BMSCE**		Solution of 1-D and 2-D heat conduction with (Finite Difference method) Convective boundary conditions **K Ramesh (Ph.D, IISc) BMSCE**
02nd May, 2018	Introduction to ANSYS **DEVARAJ K (Ph.D, IISc) BMSCE**		Flow over Cylinder **DEVARAJ K (Ph.D, IISc) BMSCE**		Internal Flow Velocity and Thermal Boundary Layer **DEVARAJ K (Ph.D, IISc) BMSCE**		Internal Flow Velocity and Thermal Boundary Layer **DEVARAJ K (Ph.D, IISc) BMSCE**
03rd May, 2018	Steady State and Lumped Heat Transfer **DEVARAJ K (Ph.D, IISc) BMSCE**		Convective Heat Transfer External Flow **DEVARAJ K (Ph.D, IISc) BMSCE**		Radiation **DEVARAJ K (Ph.D, IISc) BMSCE**		Radiation **DEVARAJ K (Ph.D, IISc) BMSCE**