

	DAY 1 Monday, July 18	DAY 2 Tuesday, July 19	DAY 3 Wednesday, July 20	DAY 4 Thursday, July 21	DAY 5 Friday, July 22
9:30-11:00	<i>Inaugural Session</i>	<i>Numerical methods used in Earth System Models</i> (G. Tumolo)	<i>The Brazilian ESM</i> (P. Nobre)	<i>An overview of ocean circulation models</i> (S.Griffies)	<i>A tutorial on the ocean primitive equations with an emphasis on equations for sea level</i> (S. Griffies)
11:00-11:30	Break	Break	Break	Break	Break
11:30-13:00	<i>Observations & Modeling of Monsoon Variability and Change</i> (R. Krishnan) <i>Seasonal to Interannual Variability & Predictability</i> (A. Kumar)	<i>Numerical methods used in Earth System Models</i> (G. Tumolo) <i>The IITM-ESM</i> (P.Swapna)	<i>Atmospheric Aerosols / Chemistry Modeling and Monsoons</i> (M.Bollasina)	<i>Design and framework of long-range prediction systems</i> (A. Kumar)	<i>Ocean-Atmosphere Interactions and Decadal Variability</i> (R. Farneti)
13:00-14:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00-15:00	<i>An overview of FMS</i> (Balaji)	Parallel Computing (Balaji)	<i>ESGF - CMIP6 & CORDEX</i> (Balaji / Sanjay)	<i>Framework of MOM</i> (Rahman)	The IITM-ESM: Some results (Ayantika / Ramesh)
15:00-16:00			Make and run parallel programming exercises (Manmeet)	Post-processing and analysis (Roxy, Rahman)	MPP/Debugging (Swathi)
16:00-16:30	Break	Break	Break	Break	Break
16:30-18:00	System Architecture , IITM HPC setup (HPC) Introduction to IITM-ESM setup (Prajeesh)	Scientific experimental design and analysis. Joint exercises (Swapna / Ayantika / Sandeep)	MPP/ Halo Update/ Debugging (Swathi)	MPP/Debugging (Swathi) Preparation for presentation	<i>An overview of the MOM project (MOM4,5,6)</i> (S. Griffies) Preparation for presentation

	DAY 6 Monday, July 25	DAY 7 Tuesday, July 26	DAY 8 Wednesday, July 27	DAY 9 Thursday, July 28	DAY 10 Friday, July 29
9:30-11:00	<i>Land Surface Processes</i> (R. Sherstha)	<i>BGC - Observations & Modelling</i> (Rajeev/ M. Roxy)	Groups Presentations	Workshop: Climate Change & Regional Impacts over South Asia	Workshop: Climate Change & Regional Impacts over South Asia
11:00-11:30	Break	Break	Break		
11.30-13:00	<i>IITM Monsoon Prediction</i> (Surya / Saha) <i>Super parametrization & Cloud Microphysics in CFSv2</i> (Partha)	<i>Land Modelling</i> (R. Sherstha)	Groups Presentations		
13:00-14:00	Lunch	Lunch	Lunch		
14:00-16:00	<i>Aerosols, Clouds, Air Quality</i> (Pandithurai / Thara / Beig) <i>Bio-geochemisrty and ocean carbon cycle</i> (Vinu)	<i>Indian Ocean Sea Level Rise, SST Warming, Regional Impacts</i> (Ravichandran / Gnanaseelan/ Mujumdar) <i>Preparation for presentation</i>	Groups Presentations		
16:00-16:30	Break	Break	Break		
16:30-18:00	<i>Atmospheric Chemistry and UTLS Processes</i> (Anoop / Suvarna) <i>Preparation for Presentation</i>	<i>Preparation for presentation</i>	Discussion and wrap-up		