

Day	Time	Content
Day 1 17/03/2017	09:00-10:00	On-Spot Registration
	10:30-11:00	Welcome Speech and Course overview by Dr. Gaurav Trivedi, Asstt. Prof., IIT Guwahati and Co-PI, E&ICT Academy.
	11:00-11:15	Tea Break
	11:15-13:15	Speech on Deep Learning.
	13:15-14:00	Lunch Break
	14:00-15:30	Speech on Deep Learning.
	15:30-15:45	Tea Break
	15:45-17:00	Speech on Deep Learning.
Day2 18/03/2017	09:00-10:00	Destination High Performance Computing: Introduction, HPC Primitives, Uses of HPC.
	10:00-11:00	Introduction to Parallel programming, Parallel computing primitives
	11:00-11:15	Tea Break
	11:15-12:15	Parallel computing architectures in details, MCQ
	12:15-13:15	Parallel programming paradigms.
	13:15-14:00	Lunch Break
	14:00-15:30	Parallel programming paradigms continues, Interactive discussion complimented with Q&A session
	15:30-15:45	Tea Break
Day3 19/03/2017	09:00-11:00	OpenMP case studies
	11:00-11:15	Tea Break
	11:15-12:30	OpenMP case studies contd. , MCQ
	12:30-13:15	Basic OpenMP C/FORTARN programs
	13:15-14:00	Lunch Break
	14:00-15:30	Basic OpenMP C/FORTARN programs contd.
	15:30-15:45	Tea Break
	15:45-17:00	MCQs, Interactive discussion complimented with Q&A session
Day4 20/03/2017	09:00-11:00	Introduction to MPI – Tutorial
	11:00-11:15	Tea Break
	11:15-12:30	MPI case studies
	12:30-13:15	MPI case studies continued.
	13:15-14:00	Lunch Break
	14:00-15:30	Basic MPI C/FORTARN programs
	15:30-15:45	Tea Break
Day5 21/03/2017	09:30-11:00	Mix MPI with OpenMP – Tutorial
	11:00-11:15	Tea Break
	11:15-12:30	MPI + OpenMP case studies
	12:30-13:15	Basic MPI + OpenMP C/FORTARN programs
	13:15-14:00	Lunch Break
	14:00-15:30	Basic MPI + OpenMP C/FORTARN programs continued.
	15:30-15:45	Tea Break
	15:45-17:00	MCQs, Interactive discussion complimented with Q&A session
Day6 22/03/2017	09:30-11:00	Introduction to Vectorization and Vector-class library
	11:00-11:15	Tea Break
	11:15-12:30	Basic Vectorization programs
	12:30-13:15	Hybrid MPI + OpenMP + Vectorization programs
	13:15-14:00	Lunch Break
	14:00-15:30	Hybrid MPI + OpenMP + Vectorization programs contd.
	15:30-15:45	Tea Break
15:45-17:00	MCQs, Interactive discussion complimented with Q&A session	