Lesson No	Lesson Plan Description	PLAN DATE					
		6B1	6B2	6B3	6B4	6B5	6B6
UNIT 1	Introduction to Parallel Computing: Motivat	24/11/25	24/11/25	24/11/25	24/11/25	24/11/25	25/11/25
UNIT 1	Scope of Parallel Computing, Organization a	28/11/25	26/11/25	28/11/25	28/11/25	28/11/25	26/11/25
UNIT 1	Parallel Programming Platforms: Implicit Pa	29/11/25	28/11/25	29/11/25	29/11/25	29/11/25	27/11/25
UNIT 1	Trends in Microprocessor & Architectures, L	01-12-25	01-12-25	01-12-25	01-12-25	01-12-25	02-12-25
UNIT 1	Dichotomy of Parallel Computing Platforms,	05-12-25	03-12-25	05-12-25	05-12-25	05-12-25	03-12-25
UNIT 1	Physical Organization of Parallel Platforms,	06-12-25	05-12-25	06-12-25	06-12-25	06-12-25	04-12-25
UNIT 1	Communication Costs in Parallel Machines L	08-12-25	08-12-25	08-12-25	08-12-25	08-12-25	09-12-25
UNIT 1	thread, memory, function) Models (SIMD, M	12-12-25	10-12-25	12-12-25	12-12-25	12-12-25	10-12-25
UNIT 1	Architecture: N-wide superscalar architectu	13/12/25	12-12-25	13/12/25	13/12/25	13/12/25	11-12-25
UNIT 2	Principles of Parallel Algorithm Design:	15/12/25	15/12/25	15/12/25	15/12/25	15/12/25	16/12/25
UNIT 2	Preliminaries, Decomposition Techniques	19/12/25	17/12/25	19/12/25	19/12/25	19/12/25	17/12/25
UNIT 2	Characteristics of Tasks and Interactions	20/12/25	19/12/25	20/12/25	20/12/25	20/12/25	18/12/25
UNIT 2	Mapping Techniques for Load Balancing	22/12/25	22/12/25	22/12/25	22/12/25	22/12/25	23/12/25
UNIT 2	Methods for Containing Interaction Overhea	26/12/25	24/12/25	26/12/25	26/12/25	26/12/25	24/12/25
UNIT 2	Parallel Algorithm Models.	27/12/25	26/12/25	27/12/25	27/12/25	27/12/25	30/12/25
UNIT 2	Parallel Algorithm Models.	29/12/25	29/12/25	29/12/25	29/12/25	29/12/25	31/12/25
UNIT 3	Principles of Message- Passing Programmin	02-01-26	31/12/25	02-01-26	02-01-26	02-01-26	01-01-26
UNIT 3	The Building Blocks: Send and Receive Oper	03-01-26	02-01-26	03-01-26	03-01-26	03-01-26	06-01-26
UNIT 3	MPI: the Message Passing Interface	05-01-26	05-01-26	05-01-26	05-01-26	05-01-26	07-01-26
UNIT 3	Topology and Embedding,	09-01-26	07-01-26	09-01-26	09-01-26	09-01-26	08-01-26
UNIT 3	Overlapping Communication with Computat	10-01-26	09-01-26	10-01-26	10-01-26	10-01-26	13/01/26
UNIT 3	Collective communication,	12-01-26	12-01-26	12-01-26	12-01-26	12-01-26	20/01/26
UNIT 3	Computation Operations	16/01/26	16/01/26	16/01/26	16/01/26	16/01/26	21/01/26
UNIT 4	Scheduling, Job Allocation, Job Partitioning	17/01/26	19/01/26	17/01/26	17/01/26	17/01/26	22/01/26
UNIT 4	Dependency Analysis Mapping Parallel Algo	19/01/26	21/01/26	19/01/26	19/01/26	19/01/26	27/01/26
UNIT 4	Thread Basics, The POSIX Thread API, Threa	23/01/26	23/01/26	23/01/26	23/01/26	23/01/26	28/01/26
UNIT 4	Synchronization Primitives in Pthreads, Con	24/01/26	28/01/26	24/01/26	24/01/26	24/01/26	29/01/26
UNIT 4	Thread Cancellation,	30/01/26	30/01/26	30/01/26	30/01/26	30/01/26	03-02-26
UNIT 4	Composite Synchronization Constructs	31/01/26	02-02-26	31/01/26	31/01/26	31/01/26	04-02-26
UNIT 4	Tips for Designing Asynchronous Programs	02-02-26	04-02-26	02-02-26	02-02-26	02-02-26	05-02-26
UNIT 4	OpenMP: a Standard for Directive Based Pa	06-02-26	06-02-26	06-02-26	06-02-26	06-02-26	17/02/26
UNIT 4	OpenMP: a Standard for Directive Based Pa	07-02-26	16/02/26	07-02-26	07-02-26	07-02-26	18/02/26
UNIT 5	An Overview of GPGPU	16/02/26	18/02/26	16/02/26	16/02/26	16/02/26	19/02/26
UNIT 5	DGX architecture, An Overview of GPGPU P	20/02/26	20/02/26	20/02/26	20/02/26	20/02/26	24/02/26
UNIT 5	An Overview of GPGPU Memory	21/02/26	23/02/26	21/02/26	21/02/26	21/02/26	25/02/26
UNIT 5	Hierarchy Features	23/02/26	25/02/26	23/02/26	23/02/26	23/02/26	26/02/26
UNIT 5	CUDA Programming	27/02/26	27/02/26	27/02/26	27/02/26	27/02/26	03-03-26
UNIT 6	Speedup, efficiency, and scalability	28/02/26	02-03-26	28/02/26	28/02/26	28/02/26	04-03-26
UNIT 6	Speedup, efficiency, and scalability	06-03-26	04-03-26	06-03-26	06-03-26	06-03-26	17/03/26
UNIT 6	Abstract performance metrics (work, critical	07-03-26	06-03-26	07-03-26	07-03-26	07-03-26	18/03/26
UNIT 6	Abstract performance metrics (work, critical	09-03-26	09-03-26	09-03-26	09-03-26	09-03-26	19/03/26
UNIT 6	Amdahl`s Law, abstract	13/03/26	11-03-26	13/03/26	13/03/26	13/03/26	24/03/26
UNIT 6	Real performance (granularity, scalability)	14/03/26	13/03/26	14/03/26	14/03/26	14/03/26	25/03/26

