3. INTERNSHIP TRAINING PROGRESS

DATE	ACTIVITY PERFORMED	SKILLS ACQUIRED
01.07.25	Induction NX CAD	Overview of software user interface workbench ,and application in industries
02.07.25	Basic sketching	Creating 2D sketches , geometric constraints, dimensions
03.07.25	Advanced sketch tools	Profiles ,patterns ,trimming, mirroring sketch.
04.07.25	Prat modelling basics	Extrude, revolve, sweep, basic solid modelling.
05.07.25	Boolean	Union, subtract, intersect for parmodeling
06.07.25	HOLIDAY	HOLIDAY
07.07.25	Editing Features	Eordering , suppress /unsupress features, parent-child relationships
08.07.25	Creating Reference	Datum planes, axes, points, and coordinate systems
09.07.25	Surface Modeling-Intro	Basic surface tools, trimming, sewing
10.07.25	Assembly Design-Intro	Creating simple assemblies, adding components
11.07.25	Assembly Constraints	Mating parts, align, fix,concentric constraints
12.07.25	Exploded Views & Section Views	Visualizing assemblies, creating exploded views and sections
13.07.25	HOLIDAY	HOLIDAY
14.07.25	Drafting &Engineering Drawings	Creating 2D drawings from 3D models, title blocks

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15.07.25	Drafting-Advance views	Section, Detail, Auxilliar , Isometric view
16.07.25	GD&T and annotations	Adding tolerance, surface finisah
17.07.25	Real-time projects-concept sketch to 3D	Covert hand sketch into 3D model
18.07.25	Assembly project-product Design	Design and assemble a mechanical product
19.07.25	Simulation & Motion Basic	Intro to simple motion analysis and interference
20.07.25	HOLIDAY	HOLIDAY
21.07.25	CAM integration	Intro to tool path generation, NC code
22.07.25	Industry Case Study	Analyzeand recreate industrial components in NX
23.07.25	Rendering & Visualization	Applying material, lighting, and rendering final designs
24.07.25	Industry Case Study	Analyze a real-world mechanical product using NX
25.07.25	Assembly & Detailing	Final assembly and 2D drawing