

DAY (1)	Hrs (2)	Major topics/Lesson Title (Reference syllabus) (3)	Details of each day plan (Explanation) /Sub topics (Reference NIMI book) (4)	Text and media content to be displayed for viewing (5)	Media nature (ie., 2D image/ 3D image / animation video/ Simulation etc.,) (6)	Whether Direct teaching or digital video for self learning (7)	Type of assessment Assessment (like Quiz, Identify, Fill in the blank, MCQ, etc.) (8)
1	2 hr	Steel Classification	Low, medium, high, alloy steel , alloy of iron	Text & Images	PPT Slides	Direct teaching /Video	Quiz , Assignment, Games
2	2 hr	Welding Process	Arc and Gas welding methods	Text & Images	PPT Slides	Direct teaching /Video	Quiz , Assignment, Games
3	1.5 hr	Pre-Heating	Low Cooling rate	Text & Images	PPT Slides	Direct teaching /Video	Quiz , Assignment, Games
			Edges Preparation	Text & Images	PPT Slides	Direct teaching /Video	Quiz , Assignment, Games
4	1hr	Weld Decay	Definition	Text & Images	PPT Slides	Direct teaching /Video	Quiz , Assignment, Games
			Grains structure	Text & Images	PPT Slides	Direct teaching /Video	Quiz , Assignment, Games