

GOVERNMENT POLYTECHNIC JAIPUR

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DEPARTMENT OF METALLURGICAL ENGINEERING

LESSON PLAN FOR NDTP Lab

Discipline: I	Semester:	Name of the Teaching faculty/ Lab Assistant
Subject: NDTP Lab	No of Days/Week class allotted: 03	Semester: 6th Session: 20-21 No of weeks:
Week	Class Day	Topics
1st	Op. 1 (3p)	To study the ultrasonic flow detection.
	Op. 2 (3p)	To study the ultrasonic flow detection.
2nd	Op. 1 (3p)	Inspection of defect by using UFD
	Op. 2 (3p)	Inspection of defect by using UFD
3rd	Op. 3p	Study the magnetic crack detection
	Op. 2 (3p)	Study the magnetic crack detection.
4th	Op. 1 3p	Find defect using liquid penetrant
	Op. 2 (3p)	Find defect using liquid penetrant

5th	Q1 (3P)	Inspection of defect of cast iron using suitable NDT equipment
	Q2 (3P)	Inspection of defect of cast iron using suitable cast iron NDT equipment
6th	Q1 (3P)	Measurement temp <sup>s</sup> by using pyrometer.
	Q2 (3P)	Measurement temp <sup>s</sup> by using pyrometer.
7th	Q1 (3P)	Measurement temp <sup>s</sup> by using thermocouple.
	Q2 (3P)	Measurement temp <sup>s</sup> by using thermocouple.
8th		
9th		
10th		
11th		
12th		

