



**LESSON PLAN-(SUMMER-2023)**  
**SWAMI VIVEKANANDA SCHOOL OF ENGG & TECH, BBSR**

Discipline- <b>MECHANICAL</b>	Semester-6TH	Name of teaching faculty- Er. Ambika Satpathy
<b>Subject-AMP</b>	<b>No class allotted/ per week -4</b>	<b>SEM From date- 13.02.2023 to 23.05.2023</b> <b>No of weeks- 15</b>
<b>Week</b>	<b>Class day</b>	<b>Theory Topics</b>
Week 1	13.02.2023	INTRODUCTION TO CAD
	14.02.2023	WORKING PRINCIPLE,ADVANTAGES,DISADVANTAGES& APPLIACATION
	15.02.2023	WORKING PRINCIPLE,ADVANTAGES,DISADVANTAGES& APPLIACATION
	17.02.2023	DEFINATION
Week 2	20.02.2023	DIFFERENT TYPES OF AUTOMATION
	21.02.2023	DESCRIBE THE NEED OF AUTOMATION
	22.02.2023	APPLICATION
	24.02.2023	INTRODUCTION
Week 3	27.02.2023	DESCRIBE WITH FIG.&DIFF.AXIS OF NOTATION
	28.02.2023	Point –to–point location
	2.03.2023	Straight cut co-ordinate
Week 4	3.03.2023	Contouring
	6.03.2023	DESCRIBE DIFFERENT COMPONENT OF NC SYSTEM
	9.03.2023	DESCRIBE WITH DETAILS BLOCK DIAGRAM
	10.03.2023	ECONOMICS &ADVANTAGES
Week 5	20.03.2023	DESCRIBE NC PART PROGRAMING
	21.03.2023	GIVE DIFF. NOTATION & SYBMOL FOR DIFF. OPERATATION(PREPARATORY FUNCTION)
	23.03.2023	GIVE DIFF. NOTATION & SYBMOL FOR DIFF. OPERATATION
	27.03.2023	DIFF. POSITIONING OF TOOL
	28.03.2023	TOOL POSITIONING
Week 6	29.03.2023	WORK ZERO
	31. 03.2023	MACHINE ZERO
	3.04.2023	WRITE DIFF. NOTATION &PROGRAMING FOR LATHE,MILLING
	5.04.2023	WRITE THE EXTENSION OF NC WITH BLOCK DIAGRAM
Week 7	6.04.2023	DESCRIBE WITH BLOCK DIAGRAM
	11.04.2023	DESCRIBE WITH BLOCK DIAGRAM
	12.04.2023	DESCRIBE ADAPTIVE CONTROL
	13.04.2023	DIFF. PARTS OF ROBOT
Week 8	17.04.2023	DESCRIBE DIFF. CONFIGURATION
	19.04.2023	DESCRIBE DIFF. CONFIGURATION
	20.04.2023	
	24.04.2023	DESCRIBE DIFF. CONFIGURATION
Week 9	25. 04.2023	DESCRIBE DIFF. CONFIGURATION
	26.04.2023	DEFINATION WITH DETAILS
	27.04.2023	LIST VARIOUS TYPES
	28.04.2023	TACTICAL SENSOR
Week 10	1.05.2023	PROXIMITY SENSOR
	2.05.2023	OPTICAL SENSOR
	3.05.2023	ROBOT TECHNOLOGY TEST
	4.05.2023	DESCRIPTION OF F.M.S
Week 11	8.05.2023	WRITE DIFFERENT COMPONENT OF F.M.S
	10.05.2023	DESCRIPTION
	11.05.2023	DESCRIPTION
	12.05.2023	DETAILS
	15.05.2023	F.M.S
	16.05.2023	DEFINATION

Week 12	17.05.2023	ADVANTAGES AND FUNCTION OF C.A.D
	18.05.2023	DETAILS OF HARDWARE WHICH IS NEED FOR C.A.D
Week 13	19.05.2023	C.A.D SOFTWARE
	22.05.2023	DEFINATION
	23.05.2023	DESCRIPTION OF CAM
<p>HOD SIGN. <span style="margin-left: 200px;">DEAN (Academic) SIGN.</span> <span style="margin-left: 100px;">PRINCIPAL SIGN.</span></p>		