



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

| Discipline- MECHANICAL | Semester-6TH | Name of teaching faculty- Er. A. PARIDA |
|---------------------------|--------------------------------|--|
| Subject-AMP | No class allotted/ per week -4 | SEM From date- 13.02.2023 to 23.05.2023 No of weeks- 15 |
| Week | Class day | Theory Topics |
| 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 |
| Week 6 | 28.03.2023 | TOOL POSITIONING |
| | 29.03.2023 | WORK ZERO |
| | 31. 03.2023 | MACHINE ZERO |
| | 3.04.2023 | WRITE DIFF. NOTATION &PROGRAMING FOR LATHE,MILLING |
| Week 7 | 5.04.2023 | WRITE THE EXTENSION OF NC WITH BLOCK DIAGRAM |
| | 6.04.2023 | DESCRIBE WITH BLOCK DIAGRAM |
| | 11.04.2023 | DESCRIBE WITH BLOCK DIAGRAM |
| | 12.04.2023 | DESCRIBE ADAPTIVE CONTROL |
| Week 8 | 13.04.2023 | DIFF. PARTS OF ROBOT |
| | 17.04.2023 | DESCRIBE DIFF. CONFIGURATION |
| | 19.04.2023 | DESCRIBE DIFF. CONFIGURATION |
| | 20.04.2023 | |
| Week 9 | 24.04.2023 | DESCRIBE DIFF. CONFIGURATION |
| | 25. 04.2023 | DESCRIBE DIFF. CONFIGURATION |
| | 26.04.2023 | DEFINATION WITH DETAILS |
| | 27.04.2023 | LIST VARIOUS TYPES |
| Week 10 | 28.04.2023 | TACTICAL SENSOR |
| | 1.05.2023 | PROXIMITY SENSOR |
| | 2.05.2023 | OPTICAL SENSOR |
| | 3.05.2023 | ROBOT TECHNOLOGY TEST |
| Week 11 | 4.05.2023 | DESCRIPTION OF F.M.S |
| | 8.05.2023 | WRITE DIFFERENT COMPONENT OF F.M.S |
| | 10.05.2023 | DESCRIPTION |
| | 11.05.2023 | DESCRIPTION |
| | 12.05.2023 | DETAILS |

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| Week 12 | 15.05.2023 | F.M.S |
| | 16.05.2023 | DEFINATION |
| | 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. DEAN (Academic) SIGN. PRINCIPAL SIGN.</p> | | |