



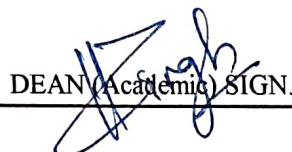
LESSON PLAN-(SUMMER-2022)

SWAMI VIVEKANANDA SCHOOL OF ENGG & TECH, BBSR

| Discipline- MECHANICAL | Semester-6TH | Name of teaching faculty- MR. B.M BARIK |
|---------------------------|--------------------------------|---------------------------------------------------------------------------|
| Subject-AMP | No class allotted/ per week -4 | SEM From date- 10.3.2022 No of weeks- 15 |
| Week | Class day | Theory Topics |
| Week 1 | 16.01.2024 | INTRODUCTION TO CAD |
| | 17.01.2024 | WORKING PRINCIPLE, ADVANTAGES, DISADVANTAGES & APPLICATION |
| | 18.01.2024 | WORKING PRINCIPLE, ADVANTAGES, DISADVANTAGES & APPLICATION |
| | 22.01.2024 | DEFINATION |
| Week 2 | 23.01.2024 | DIFFERENT TYPES OF AUTOMATION |
| | 25.01.2024 | DESCRIBE THE NEED OF AUTOMATION |
| | 29.01.2024 | APPLICATION |
| | 30.01.2024 | INTRODUCTION |
| Week 3 | 31.01.2024 | DESCRIBE WITH FIG. & DIFF. AXIS OF NOTATION |
| | 01.02.2024 | Point -to-point location |
| | 02.02.2024 | Straight cut co-ordinate |
| | 05.02.2024 | Contouring |
| Week 4 | 06.02.2024 | DESCRIBE DIFFERENT COMPONENT OF NC SYSTEM |
| | 08.02.2024 | DESCRIBE WITH DETAILS BLOCK DIAGRAM |
| | 09.02.2024 | ECONOMICS & ADVANTAGES |
| | 12.02.2024 | DESCRIBE NC PART PROGRAMING |
| Week 5 | 13.02.2024 | GIVE DIFF. NOTATION & SYMBOL FOR DIFF. OPERATATION (PREPARATORY FUNCTION) |
| | 16.02.2024 | GIVE DIFF. NOTATION & SYMBOL FOR DIFF. OPERATATION |
| | 19.02.2024 | DIFF. POSITIONING OF TOOL |
| | 21.02.2024 | TOOL POSITIONING |
| Week 6 | 22.02.2024 | WORK ZERO |
| | 24.02.2024 | MACHINE ZERO |
| | 26.02.2024 | WRITE DIFF. NOTATION & PROGRAMING FOR LATHE, MILLING |
| | 27.02.2024 | WRITE THE EXTENSION OF NC WITH BLOCK DIAGRAM |
| Week 7 | 28.02.2024 | DESCRIBE WITH BLOCK DIAGRAM |
| | 29.02.2024 | DESCRIBE WITH BLOCK DIAGRAM |
| | 01.03.2024 | DESCRIBE ADAPTIVE CONTROL |
| | 04.03.2024 | DIFF. PARTS OF ROBOT |
| Week 8 | 05.03.2024 | DESCRIBE DIFF. CONFIGURATION |
| | 07.03.2024 | DESCRIBE DIFF. CONFIGURATION |
| | 11.03.2024 | |
| | 13.03.2024 | DESCRIBE DIFF. CONFIGURATION |
| Week 9 | 14.03.2024 | DESCRIBE DIFF. CONFIGURATION |
| | 15.03.2024 | DEFINATION WITH DETAILS |
| | 18.03.2024 | LIST VARIOUS TYPES |
| | 20.03.2024 | TACTICAL SENSOR |

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| Week 10 | 21.03.2024 | PROXIMITY SENSOR |
| | 22.03.2024 | OPTICAL SENSOR |
| | 27.03.2024 | ROBOT TECHNOLOGY TEST |
| | 28.03.2024 | DESCRIPTION OF F.M.S |
| Week 11 | 29.03.2024 | WRITE DIFFERENT COMPONENT OF F.M.S |
| | 30.03.2024 | DESCRIPTION |
| | 01.04.2024 | DESCRIPTION |
| | 03.04.2024 | DETAILS |
| Week 12 | 04.04.2024 | F.M.S |
| | 08.04.2024 | DEFINATION |
| | 09.04.2024 | ADVANTAGES AND FUNCTION OF C.A.D |
| | 10.04.2024 | DETAILS OF HARDWARE WHICH IS NEED FOR C.A.D |
| Week 13 | 11.04.2024 | C.A.D SOFTWARE |
| | 12.04.2024 | DEFINATION |
| | 15.04.2024 | DESCRIPTION OF CAM |
| | 16.04.2024 | DESCRIPTION OF C.I.M |
| Week 14 | 19.04.2024 | BACK GROUND OF C.I.M |
| | 20.04.2024 | DESCRIPTION |
| | 22.04.2024 | FUNCTION OF SOFTWARE |
| | 23.04.2024 | HARDWARE AND SOFTERWARE |
| Week 15 | 24.04.2024 | CH-1,2 & 3 REVISION & IMP QUESTION DISCUSSION |
| | 25.04.2024 | CH-4 & 5 REVISION & IMP QUESTION DISCUSSION |
| | 26.04.2024 | CLASS TEST OF ALL SUBJECTS |


HOD SIGN.


DEAN (Academic) SIGN.


PRINCIPAL SIGN.

H.O.D
Mechanical Engineering
S V S.E.T., Madanpur

DEAN ACADEMICS
SVSET, MADANPUR

PRINCIPAL
Sri Sri Vivekananda School of Engg. &
Madanpur, BBSR.