LESSON PLAN

NAME OF FACULTY: SONI MEHTA

DISCIPLINE: ELECTRONICS AND COMMUNICATION ENGG.

SEMESTER: 1st

SUBJECT: ELECTRICAL AND ELECTRONICS WORKSHOP – I(UNIT V-ELECTRONIC SHOP-1)

LESSION PLAN DURATION: 15 WEEEKS (FROM Oct.2022 to Jan.2023)

WORK LOAD PER WEEK(in hours):Practical-04

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|  |  | PRACTICAL (Rotational) |
| WEEK | Practical Day | Topic |
|  | 1 | Brief Introduction of EC W/S ,Safety precautions to be observed in the Electronics Shop & tools used in EC Shop. |
| 1 | 2 | Electronic instruments:Analog multimeter,Digital multimeter & Commonly used Components used in EC Shop. |
|  | 3 | Identification, familiarization, demonstration and use of the following electronic instruments:Simple CRO. |
| 2 | 4 | Identification, familiarization, demonstration and use of Power supply, Function generator. |
|  | 5 | Job I Practice in the use of above mentioned tools and instruments. For this a small  experimental set up may be done |
| 3 | 6 | File check and Viva Voice |
|  | 7 | Brief Introduction of EC W/S ,Safety precautions to be observed in the Electronics Shop & tools used in EC Shop. |
| 4 | 8 | Electronic instruments:Analog multimeter,Digital multimeter & Commonly used Components used in EC Shop. |
|  | 9 | Identification, familiarization, demonstration and use of the following electronic instruments:Simple CRO. |
| 5 | 10 | Identification, familiarization, demonstration and use of Power supply, Function generator. |
| 6 | 11 | Job I Practice in the use of above mentioned tools and instruments. For this a small  experimental set up may be done |
|  | 12 | File check and Viva Voice |
|  | 13 | Brief Introduction of EC W/S ,Safety precautions to be observed in the Electronics Shop & tools used in EC Shop. |
| 7 | 14 | Electronic instruments:Analog multimeter,Digital multimeter & Commonly used Components used in EC Shop. |
| 8 | 15 | Identification, familiarization, demonstration and use of the following electronic instruments:Simple CRO. |
|  | 16 | Identification, familiarization, demonstration and use of Power supply, Function generator. |
| 9 | 17 | Job I Practice in the use of above mentioned tools and instruments. For this a small  experimental set up may be done |
|  | 18 | File check and Viva Voice |
|  | 19 | Brief Introduction of EC W/S ,Safety precautions to be observed in the Electronics Shop & tools used in EC Shop. |
| 10 | 20 | Electronic instruments:Analog multimeter,Digital multimeter & Commonly used Components used in EC Shop. |
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|  | 24 | File check and Viva Voice |
| 13 | 25 | Brief Introduction of EC W/S ,Safety precautions to be observed in the Electronics Shop & tools used in EC Shop. |
|  | 26 | Electronic instruments:Analog multimeter,Digital multimeter& Commonly used Components used in ECshop. |
| 14 | 27 | Identification, familiarization, demonstration and use of the following electronic instruments:Simple CRO. |
|  | 28 | Identification, familiarization, demonstration and use of Power supply, Function generator. |
| 15 | 29 | Job I Practice in the use of above mentioned tools and instruments. For this a small  experimental set up may be done |
|  | 30 | File check and Viva Voice |