

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

Department of Electrical and Electronics Engineering


Basic Electrical Engineering Laboratory

DO's

1. Students are instructed to attend the lab regularly.
2. Student must wear proper uniform and shoes to the lab.
3. Students are instructed to bring observation and record to the lab without fail.
4. Student must aware of all the safety devices.
5. Students are instructed to maintain silence in the lab.
6. Students are instructed to avoid contact with energized electrical circuits.
7. Student must select proper range of meters and power supply as required for the conduction of experiment.
8. Students should make sure that all the connections are tight before switching on the power supply.
9. Students are instructed to conduct the experiment in the presence of faculty.
10. Students are instructed to disconnect the power supply after conducting the experiment.
11. Student must take signature for the observation after conducting the experiment.

DON'Ts:-

12. Students are instructed not to bring any external materials to the lab.
13. Students are instructed not to use mobile phones inside the lab.
14. Students are instructed not to switch ON power supply after making the circuit connections in the absence of faculty.
15. Students are instructed not to carry any lab equipment's outside the lab.
16. Students are instructed not to leave the lab without taking the prior permission from faculty-in-charge.


Professor & Head
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Electrical Machines Laboratory-1

DO's

- Proper dress code and safety measures has to be maintained while entering the Lab.
- Before starting the laboratory work follow all written and verbal instructions carefully.
- Students should carry observation and record completed in all aspects.
- Powered equipment can be hot! Use caution when handling equipment after it has been operated.
- After completing the connections students should take approval from the Faculty In-Charge for conduction.
- The reading must be shown to the Lecturer In-Charge for verification.
- Students must ensure that all switches are in the OFF position and all the connections are removed before leaving the conduction table.
- All instruments and tools should be placed at their original positions after work to keep the lab area tidy.
- Select Proper Type, range of meters according to specifications and all the connections should be tight before switching ON.
- Always disconnect a plug by pulling on the connector body not the cable.

DON'Ts:-

- Don't come late to the Lab.
- Don't enter into the Lab with Long hair, dangling jewellery and loose or baggy clothing which are hazardous in the laboratory.
- Don't connect or disconnect the circuits with power ON.
- Don't switch ON the supply without verifying by the Staff Member.
- Don't leave the lab without the permission of the Lecturer In-Charge.
- Don't switch OFF the machine with load.
- Do not wander around the room, distract other students, startle other students or interfere with the laboratory experiments of others.
- Do not eat food, drink beverages or chew gum in the laboratory.
- Do not exceed the permissible values of current, Voltage, and/ Or speed of any machine, Apparatus, Wire, Load.



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Electronics Laboratory

DO's

- 1. Come to lab in uniform and wear ID cards.
- 2. Wear shoes compulsorily.
- 3. Ensure your presence five minutes before the commencement of the lab.
- 4. Maintain silence in the lab.
- 5. Keep the labs clean at all times, no food and drinks allowed inside the lab.
- 6. Observation book and lab record should be carried to each lab.
- 7. Read the procedure in the lab manual before starting the experiment.
- 8. Strictly follow the written and verbal instructions given by the teacher.
- 9. After completion of experiment, return the components to lab staff.

DON'Ts:-

- 1. Don't switch ON voltage supplies after making circuit connections in the absence of the teacher.
- 2. Don't rotate the Knobs unnecessarily.
- 3. Don't use mobile phones during lab hours.
- 4. Don't make or remove the connections with supply ON.
- 5. Don't leave the lab without the permission of the faculty-in-charge.


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Relay and High Voltage Engineering Laboratory

DO's

1. Students are instructed to attend the Lab regularly.
2. Student must wear proper uniform and shoes to the lab.
3. Students are instructed to bring observation and record to the lab without fail.
4. Student must aware of all the safety devices.
5. Students are instructed to maintain silence in the lab.
6. Students are instructed to avoid contact with energized electrical circuits.
7. Students should make sure that all the connections are tight before switching on the power supply.
8. Students are instructed to conduct the experiment in the presence of faculty.
9. Students are instructed to disconnect the power supply after conducting the experiment.
10. Student must take signature for the observation after conducting the experiment.

DON'Ts:-

11. Students are instructed first and foremost – don't touch active electrical circuits.
12. Students are instructed not to use mobile phones inside the lab.
13. Students are instructed not to switch ON power supply after making the circuit connections in the absence of faculty.
14. Students are instructed not to wear metal of any sort if you are working on electrical equipment
15. Students are instructed not to leave the lab without taking the prior permission from faculty-in-charge.


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Microcontroller Laboratory

DO's

1. Students should always wear uniforms and ID cards in the lab.
2. Students should leave the belongings and footwear in the respective places.
3. Students should bring duly filled observation and record and get it corrected by the teacher.
4. Students should come well prepared for every lab session with logic and coding of respective programs.
5. Students should be at their concerned computer table, unnecessary moment is restricted.
6. Students should save your files on your own respective working directories.
7. Students should properly exit all software applications at the end of each work session
8. Students must ensure that all the computers are properly shutdown and switches are in the OFF position after conduction of the experiment.
9. Perform only those experiments authorized by your teacher. Carefully follow all instructions, both written and oral.

DON'Ts:-

1. Do not come late to the Lab.
2. Do not open any irrelevant internet sites/ view irrelevant files /play games/ open illegal sites on lab computer.
3. Do not create or introduce computer viruses.
4. Do not alter the computer configuration or contents of hard disk drives and restricting access to or damage the computer systems or data.
5. Do not use a flash drive, CD'S or pen drives on lab computers without permission.
6. Do not upload, delete or alter any software on the lab PC.
7. Don't leave the lab without the permission of the Lecturer In-Charge.


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Power Electronics Laboratory

DO's

- 1. Students should wear uniform, shoes and ID cards while entering the Lab.
- 2. Students should carry observation notes and record completed in all aspects.
- 3. Correct specifications of the equipment have to be mentioned in the circuit diagram.
- 4. Student should be aware of operating equipment.
- 5. Students should be at their concerned experiment table, unnecessary moment is restricted.
- 6. Student should follow the indent procedure to receive and deposit the equipment from the Lab Store Room.
- 7. After completing the connections, students should verify the circuits by the Lab Instructor.
- 8. The reading must be shown to the Lecturer In-Charge for verification.
- 9. Students must ensure that all switches are in the OFF position and all the connections are removed before leaving the lab.
- 10. All instruments and tools should be placed at their original positions.

DON'Ts:-

- 1. Don't come late to the Lab.
- 2. Don't enter into the Lab with Golden rings, bracelets and bangles.
- 3. Don't make or remove the connections with power ON.
- 4. Don't switch ON the supply without verifying by the Staff Member.
- 5. Don't leave the lab without the permission of the Lecturer In-Charge.


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