

Centre for Energy Management & Optimization

Laboratory: Electrical Engineering Laboratory

Lab Courses Offered:

- ✓ ES-EE101 > Basic Electrical Engineering Lab (all branches)
 - ✓ CSBS, 1st sem. > Principal of Electrical Engineering (CSBS)
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Laboratory: Circuit & Simulation Laboratory

Lab Courses Offered:

- ✓ PC-EI391 > Circuits and Network Lab (AEIE)
 - ✓ PC-EI393 > Analog Circuits Design Lab (AEIE)
 - ✓ PC-EI394 > Digital Circuits Design Lab (AEIE)
 - ✓ PC-EE 391 > Electric Circuit Theory Lab (EE)
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Laboratory: Electrical Machine Laboratory

Lab Courses Offered:

- ✓ PC-EE 491 > Electric Machine Lab-1 (EE)
 - ✓ PC-EE 591 > Electrical Machine Lab-2 (EE)
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Laboratory: Control Systems & Instrumentation Laboratory

Lab Courses Offered:

- ✓ PC-EI591 > Control System Lab (AEIE)
 - ✓ PC-EI592 > Industrial Instrumentation Lab (AEIE)
 - ✓ PC-EI691 > Process Control Lab (AEIE)
 - ✓ EC691 > Control System and Instrumentation Lab (ECE)
 - ✓ PC-EE 593 > Control System Lab (EE)
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Laboratory: Power System Laboratory

Lab Courses Offered:

- ✓ PC-EE 592>Power System-1 (EE)
 - ✓ PC-EE 691> Power System-2 (EE)
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Laboratory: Power Electronics & Drives Laboratory

Lab Courses Offered:

- ✓ PC-EE 594>Power Electronics Lab (EE)
 - ✓ PC-EE 791> Electrical Drives Lab (EE)
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Laboratory: Automation & Energy Optimization Laboratory

Lab Courses Offered:

- ✓ Energy Management & Optimization Lab (beyond curriculum)
- ✓ Renewable Energy Lab (beyond curriculum)
- ✓ Electives & Projects