EE 230-2024-2-S2: Welcome to EE 230: Analog Lab!

From	Ayush Aman (via IITB Moodle) <noreply@moodle.iitb.ac.in>
To	Mridul Choudhary <23b3933@iitb.ac.in>
Reply-To	Do not reply to this email <noreply@moodle.iitb.ac.in>
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AA Welcome to EE 230: Analog Lab!

by Ayush Aman - Monday, 6 January 2025, 2:55 PM

Dear All,

Welcome to a new semester! I am excited to have you join this course and embark on a journey into the world of analog circuits. Together, we will explore concepts ranging from **basic analog circuits** to **intermediate** and **advanced-level circuit design and simulation**.

In the **Analog Lab**, you'll get hands-on experience with essential tools like the **Digital Storage Oscilloscope (DSO)** and **Arbitrary Function Generator (AFG)**. Please find below the link to a tutorial introducing these tools.

We will also use **LTspice** for circuit simulation. Below are the links for tutorials on **basic features** and **advanced settings**, which will help you confidently simulate even complex circuits.

Get ready to learn, explore, and grow in this exciting field. If you have any questions, feel free to reach out. Let's make this semester a great one!

Looking forward to seeing you in the lab.

Thanks and Regards,
Wel RA's

Links to Tutorials

1. **Introduction to DSO and AFG**: [https://drive.google.com/file/d/1OP70OFbJLDEPZ4m2wfqTH1gRXuY2hRgk/view.]
2. **LTspice Basic Tutorial**:
   1. LTspice installation guide[https://drive.google.com/file/d/1zGUMgb3VqzTxMfs1BEleY2YaYObVNJ2c/view?usp=sharing]
   2. LTspice tutorial [https://www.analog.com/en/resources/media-center/videos/series/ltspice-getting-started-tutorial.html]
   3. Add components in LTspice[https://drive.google.com/file/d/1D-YBuiAPc-czAoGhfAhSZUVWT8j0mYcg/view?usp=sharing]

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