

**MKSSS's CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, PUNE****(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)****Department of Instrumentation & Control Engineering****OER**

Sr. No	Faculty Name	Course/ Course code	You-Tube Channel Link and / or You-Tube Link
1	Dr. Vaishali Upadhye	TYBTech IN 3201 Process Loop Components	Youtube channel link <a href="https://www.youtube.com/channel/UCwGrUVXgTDtX3QNtnbn1Ptw/featured">https://www.youtube.com/channel/UCwGrUVXgTDtX3QNtnbn1Ptw/featured</a> You-Tube Link for the topic 1. Parts of Control Valve <a href="https://youtu.be/_PjkdG6IFNE">https://youtu.be/_PjkdG6IFNE</a>
2	Dr. Dipali Ramdasi	IN3101 Embedded System Design	Youtube channel link <a href="https://www.youtube.com/channel/UCLAX3Ajdkb5d1MpYSusxXOhg">https://www.youtube.com/channel/UCLAX3Ajdkb5d1MpYSusxXOhg</a> You-Tube Link for the topic 1. Introduction to AVR kit of Dept of Instrumentation and Control Cummins College of Engg, Pune <a href="https://youtu.be/L-NQuP55BBE">https://youtu.be/L-NQuP55BBE</a> <a href="https://youtu.be/1BGrXppwZHs">https://youtu.be/1BGrXppwZHs</a> <a href="https://youtu.be/pREVYbOU4Ls">https://youtu.be/pREVYbOU4Ls</a>  2.AVR Sample Program for running on AVR microcontroller hardware. Port Complement Assembly. <a href="https://youtu.be/geDzfwgUR54">https://youtu.be/geDzfwgUR54</a>  3. AVR Port complement using Timer0 in Polling mode <a href="https://youtu.be/KQbJLZs2FMU">https://youtu.be/KQbJLZs2FMU</a>  4. AVR Timer 0 as counter <a href="https://youtu.be/9x7twSZdfEw">https://youtu.be/9x7twSZdfEw</a>  5. Square wave generation using CTC mode Timer0 <a href="https://youtu.be/160dQjhfSYU">https://youtu.be/160dQjhfSYU</a>

3	Dr.Nivedita D	TY B.Tech Fundamental of Biomedical Instrumentation	<p>Youtube Channel link:</p> <p>1: ECG recorder : <a href="https://www.youtube.com/watch?v=TA3zYNPNWEQ&amp;t=1s">https://www.youtube.com/watch?v=TA3zYNPNWEQ&amp;t=1s</a> <a href="https://www.youtube.com/watch?v=7pEIPGDihDg&amp;t=17s">https://www.youtube.com/watch?v=7pEIPGDihDg&amp;t=17s</a></p> <p>2. BP Measurement: <a href="https://www.youtube.com/watch?v=rBJDFSwb5sI">https://www.youtube.com/watch?v=rBJDFSwb5sI</a></p> <p>3.Omron BP Measurement : <a href="https://www.youtube.com/watch?v=ajkaMb50oKU&amp;t=40s">https://www.youtube.com/watch?v=ajkaMb50oKU&amp;t=40s</a></p> <p>4.Pulse Transit Time : <a href="https://www.youtube.com/watch?v=c9idDzQEFpk">https://www.youtube.com/watch?v=c9idDzQEFpk</a></p> <p>5. ECG recording using Power Lab: <a href="https://www.youtube.com/watch?v=TUj9c5PvSIY&amp;t=31s">https://www.youtube.com/watch?v=TUj9c5PvSIY&amp;t=31s</a></p> <p>6. Infusion Pump: <a href="https://www.youtube.com/watch?v=ToiHOIBTx7s&amp;t=78s">https://www.youtube.com/watch?v=ToiHOIBTx7s&amp;t=78s</a></p>
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