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* **The aim of this subject is to understand number system conversion, logic circuits combinational circuits, sequential circuits and wave pulses.**

1. This subject is mixed up with theoretical and numerical part and also very important for gate.
2. You will get fill of this subject once you implement the concepts in the lab.
3. *Reference 2*. **Mano** for digital part, **for analog** you may use **boylestad** or contact to **ECE guys**.

Never forgot to watch this playlist: ()

…….**From Exam Point of View**…….

* Download previous year questions:
* In my opinion followings are the important topics in each modules which you should cover:

1. Gray code (2M), Excess 3 code (2M), Boolean algebra postulates, K-Map, quine Mc clusky techniques.
2. Half and full adder using NAND or NOR gate, MUX and DEMUX, flip-flops, ring and johnson counter.
3. Design procedure of synchronous sequential circuit, state reduction, latches- hazards.
4. CE-RC couple circuit, clipping and clamping, FET, JFET, MOSFET(Basics).