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# ECE213: Digital Electronics





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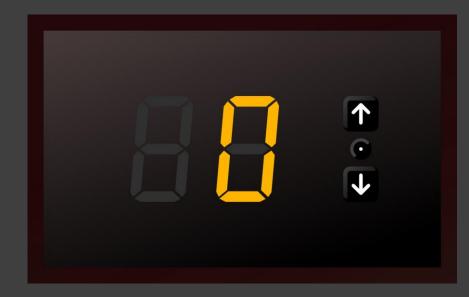


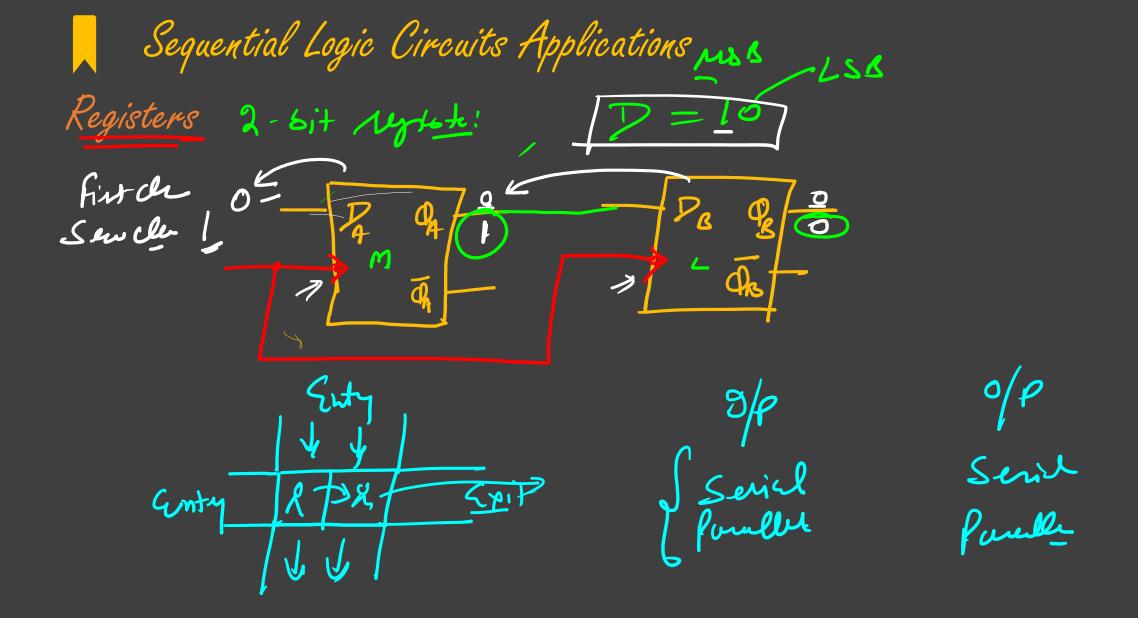


### The Course Contents

#### Unit V

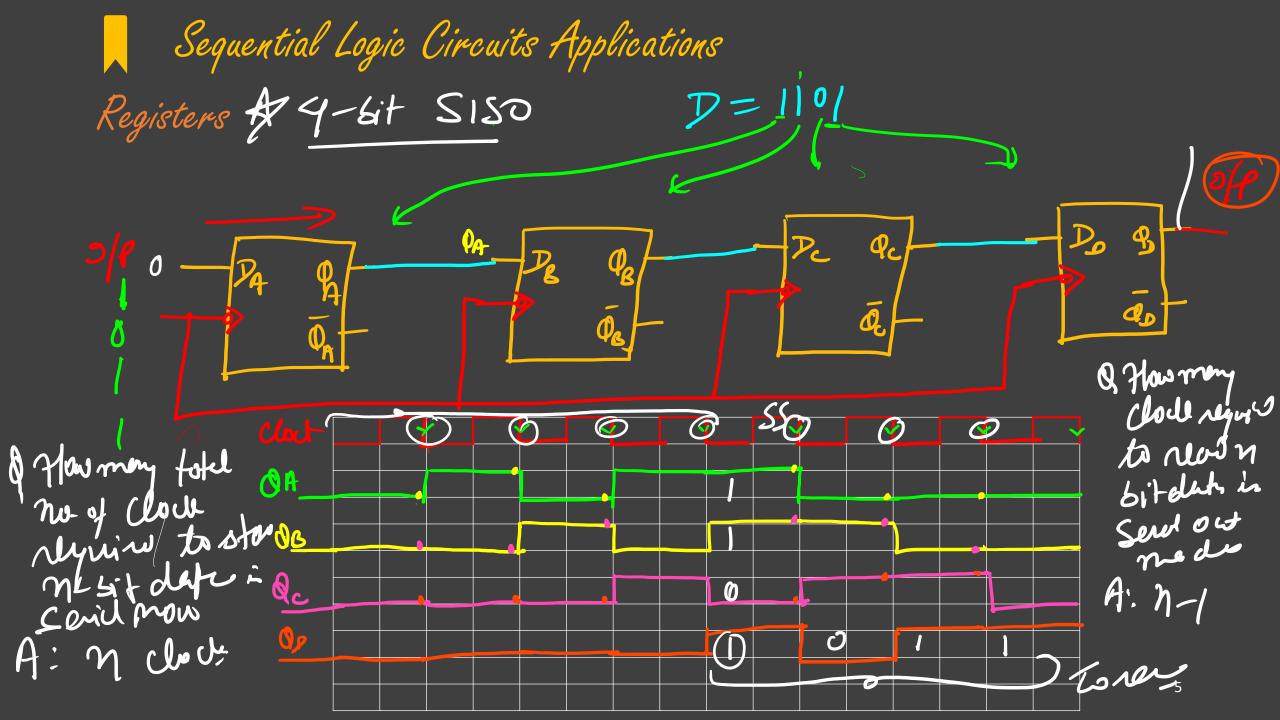
Sequential Logic Circuits Applications; Registers; Operation of all basic Shift Registers, Counters; Design of Asynchronous and Synchronous counters, Ring counter and Johnson ring counter

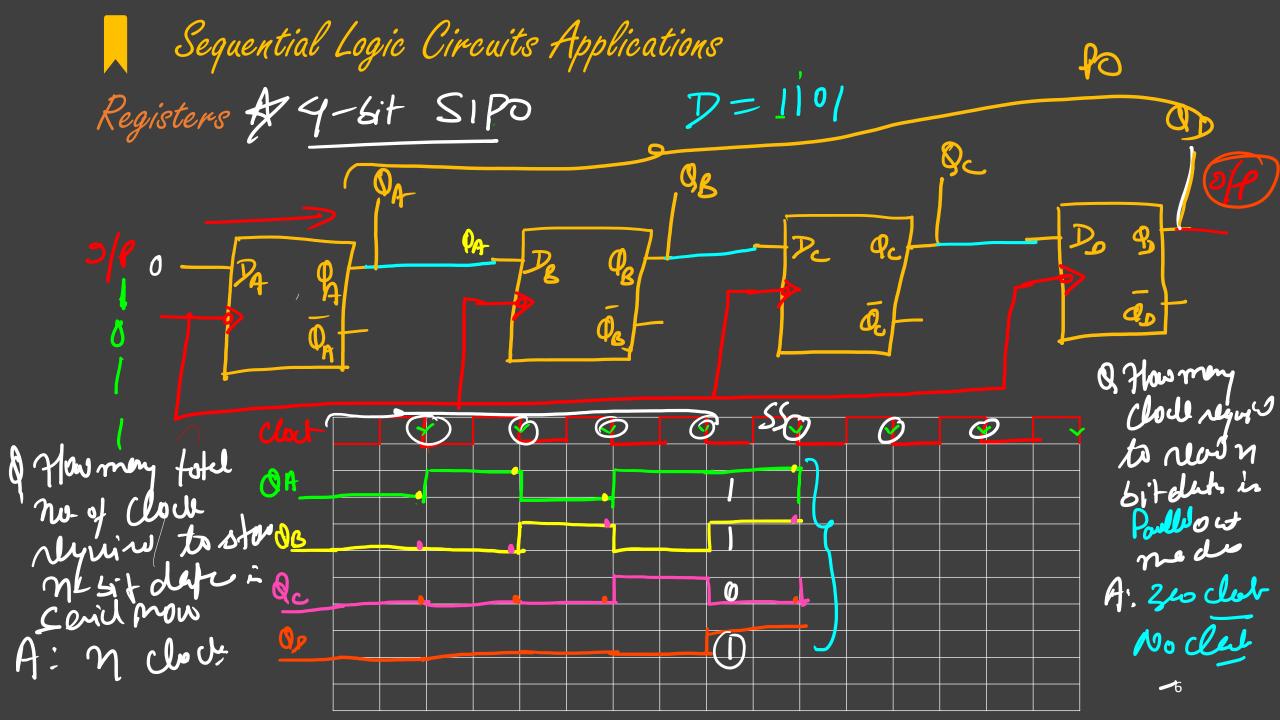


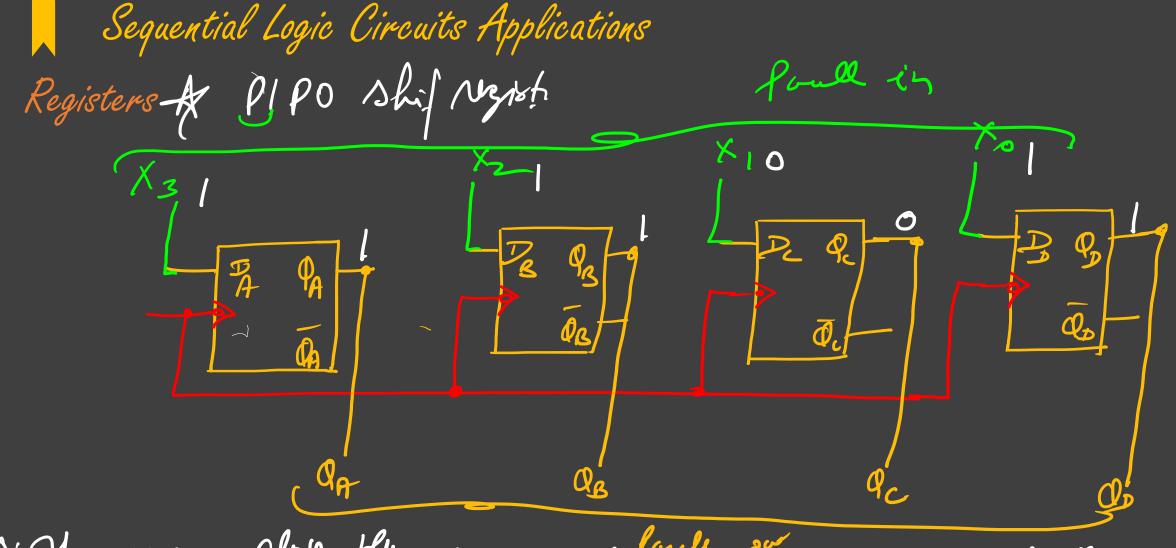


### Sequential Logic Circuits Applications

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a! What is the new of
All whit rystoter
Registers Shift registes
DSISO (Seriel in Serial Out)
                                      - To slift the date
 2) SIPO (Serid in Paulle ou)
3) PIPO (Paulle in Paules 04)
                                      To Store the deta
4) PISO (Paullel in Sectors)
                                      To produce delay
                                     - To convert blo
Seret or Puller
```







9: How many Clob plus are regres to write the 4-6:4 dear Renth in rule
A! One chouse Plus