

Darbhanga College of Engineering, Darbhanga

Department of Electrical and Electronics Engineering

S.No.	Module	Topic	You Tube Video links
1	5. Synchronous Machines	Calculation of voltage regulation by MMF Method	https://youtu.be/CLIfWNNR5k8
2	5. Synchronous Machines	Calculation of voltage regulation by Potier Triangle Method	https://youtu.be/CxozfJuCcnk
3	5. Synchronous Machines	Calculation of voltage regulation by ASA Method	https://youtu.be/cSMjz8ui-g
4	5. Synchronous Machines	Two reaction theory for salient pole synchronous machines.	https://youtu.be/zCl43GrkHMk
5	5. Synchronous Machines	Power angle characteristics of synchronous machine	https://youtu.be/VZMixA7E3o8
6	5. Synchronous Machines	V- Curve and Inverted V-Curve	https://youtu.be/LpZbrtkO9YY
7	3. Induction Machines	Introduction of Induction machines	https://youtu.be/leXNHZM-CZE https://youtu.be/6SLKukxvjg0
8	3. Induction Machines	Equivalent circuit of induction motor	https://youtu.be/XJIAQwFmiKw https://youtu.be/e347XQppeLQ https://youtu.be/lbrHLmybOm0
9	3. Induction Machines	Torque Expression of three phase induction motor	https://youtu.be/VAAPs1SBY90
10	3. Induction Machines	Maximum torque and slip at which it occurs	https://youtu.be/hjlKzzUBO5Q
11	3. Induction Machines	Stable operating point of induction motor on torque-slip characteristics	https://youtu.be/zssTcEBkzh0
12	3. Induction Machines	Squirrel cage and Slip ring induction motor	https://youtu.be/L777ik7fBol https://youtu.be/fpYrCyAJ7Zk
13	3. Induction Machines	Effect of parameters variation on torque slip characteristics	https://youtu.be/yUKW75Vr_Pg
14	3. Induction Machines	Methods of starting of 3 phase induction motor	https://youtu.be/eMq9j0KY2Ak https://youtu.be/dJzSqS29Fzg https://youtu.be/wl6AwcTOXO4

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15	3. Induction Machines	Speed control strategies of induction motor	https://youtu.be/ww5uXJ38fqQ https://youtu.be/VnAg5kfjFdo https://youtu.be/bENxzd4rLC4
16	3. Induction Machines	Electrical Braking of Induction motor	https://youtu.be/xv3dnCBeyRI https://youtu.be/0B5UT40UsLQ
17	3. Induction Machines	Idea of induction generator & introduction of single phase induction motor	https://youtu.be/KPMY_L7oyOk
18	4. Single Phase Induction motor	Development of equivalent circuit of single phase induction motor.	https://youtu.be/h8386o98deY https://youtu.be/dBP3VvKfV84
19	4. Single Phase Induction motor	Torque slip characteristics of single winding single phase induction motor	https://youtu.be/wmKCLlqLjJg
20	4. Single Phase Induction motor	Expression for starting torque and need for phase splitting of single phase induction motor	https://youtu.be/2KphtwK1OMs https://youtu.be/WkYCDQUFK3g
21	4. Single Phase Induction motor	Resistor split single phase Induction Motor	https://youtu.be/n-wMSUCCRvk
22	4. Single Phase Induction motor	Capacitor Split single phase induction motor.	https://youtu.be/O29fXn1Wzba