

II nd Sem - BEE (18ELE23)

DATE	TOPIC	PPT	VIDEO LINKS	E - MATERIAL	Question Paper link
26/3/20	Lecturer 1: Module 3 : Necessity, principle of operation, types	https://www.slideshare.net/annuarunpate1/transformers	https://www.electrical4u.com/what-is-transformer-definition-working-principle-of-transformer/	https://drive.google.com/open?id=0BzfpGB351Qv_TDRCbUFhYkVwcGc	
27/3/20	Lecturer 2: Construction of transformers EMF equation, losses				
28/3/20	Lecturer 3: Variation of losses w.r.t load, efficiency, condition for maximum efficiency	https://www.electrical4u.com/2014/03/emf-equation-of-transformer.html			https://www.vturesource.com/vtu-model-question-papers/Basic-Electrical-Engineering-vtu-model-question-paper-2018.pdf
29/3/20	Lecturer 4: Numerical on EMF equation of transformer Numerical on transformers	https://www.electrical4u.com/2014/03/emf-equation-of-transformer.html	https://www.youtube.com/watch?v=nEpU25ECOgU		
30/3/20	Lecturer 5: Numerical on EMF equation of transformer Numerical on transformers				
31/3/20	Lecturer 6: service mains, meter board & distribution board	https://www.slideshare.net/SHREYA/S321/unit-6-61453739			

1/4/2020	Lecturer 7: Concealed wiring, 2way & 3way control, fuse	https://www.slideshare.net/SHREYA/S321/unit-6-61453739	two way - https://www.youtube.com/watch?v=LyEkoWqPcrk three way -		
2/4/2020	Lecturer 8: MCB, electric shock, precaution		https://www.youtube.com/watch?v=6TpKdYeQaU		
3/4/2020	Lecture 9: pipe and plate earthing	https://www.slideshare.net/vijay9213/earthing-43846484	pipe earthing - https://www.youtube.com/watch?v=8PTNjw-hQIM		
4/4/2020	Lecturer 10: Various protective devices		Plate earthing - https://www.youtube.com/watch?v=ZTrHN1Xhfz0&pbjreload=10		
5/4/2020	Lecture 11 : numericals		https://youtu.be/Fs_cCuae0wo		
6/4/2020	Lecture 12 : revision on module 3		https://youtu.be/aE1cek7rQsk		
7/4/2020	Lecture 13 : Module 2 Star connection		https://youtu.be/1zBGSJnpWnA	https://drive.google.com/file/d/18a_LeqvQLyXi5fz9Qgb_WUBL4pSBN_fb/view	https://drive.google.com/a/yit.edu.in/file/d/1Jb8MsPi-a_nOHE4TMOOyW2zFfL3wBi
8/4/2020	Lecture 14 : Delta connection		https://youtu.be/ZY-WdRC_orU		

9/4/2020	Lecture 15 : two wattmeter method & Problems		https://youtu.be/S_mMGaBiiD8	?usp=drivesdk	0/view?usp=drivesdk
10/4/2020	Lecture 16 : problems on three phase		https://youtu.be/8PTNjw-hQIM		
11/4/2020	Lecture 17 : revision	-	-		
12/4/2020	Lecture 18 : Module 4 - construction of DC generator	https://www.slideshare.net/GaMeBoyisCooL/dc-generator-67113211	https://www.youtube.com/watch?v=d_LOXUEFA-o	https://drive.google.com/open?id=0BzfpGB351Qv_bFhrdmFreGhVbHc	https://www.vturesource.com/vtu-model-question-papers/Basic-Electrical-Engineering-vtu-model-question-paper-2018.pdf
13/4/2020	Lecture 19 : Module 4 EMF, Types , relation				
14/4/2020	Lecture 20 : DC motor	https://www.slideshare.net/sourabhbell/dc-motor-construction-and-working	https://www.youtube.com/watch?v=IC-PWxtcirI		
15/4/2020	Lecture 21 : types of DC generator				
16/4/2020	Lecture 22: DC Motor construction, working principle	https://www.slideshare.net/sourabhbell/dc-motor-construction-and-working	https://www.youtube.com/watch?v=IC-PWxtcirI		
17/4/2020	Lecture 23: back emf, significsnce, torque equation		https://www.youtube.com/watch?v=S8VlEwhwqZs		

20/4/202	Lecture 24: Types of DC motor		https://www.youtube.com/watch?v=TnZAHlyW1E8		
21/4/2020	Lecture 25: characteristics of dc motor	https://www.slideshare.net/ssuser258c80/dc-motorprincipleconstructionworkingmf-and-torque-equationtypespeed-controlstepper-motor-brush-less-dc-motor-92938621	<p>Shunt characteristics - https://www.youtube.com/watch?v=7PoJDHzQlrk</p> <p>Series characteristics - https://www.youtube.com/watch?v=Fbw1Rcm3E68</p> <p>compound - https://www.youtube.com/watch?v=O_iOC76cN5Y</p>	https://drive.google.com/open?id=0BzfpGB351Qv_bFhrdmFreGhVbHc	
22/4/2020	Lecture 26: characteristics of dc motor				
23/4/2020	Lecture 27: application				
27/4/2020	Lecture 28: revision	-	-		
28/4/2020	Lecture 29: Module 5 - three phase synchronous generator construction, working		https://www.youtube.com/watch?v=i8gBPyAJ_3M	https://drive.google.com/open?id=0BzfpGB351Qv_SUISa3huaFhCUkk	
29/4/2020	Lecture 30: revision				
4/5/2020	Lecture 31: Synchronous speed, frequency of generated voltage	-	-		

5/5/202	Lecture 32: Working principle of induction motor –		https://youtu.be/cuwSCutTHEI		
6/5/2020	Lecture 33: construction –		https://www.youtube.com/watch?v=Mle-ZvYi8HA		
7/5/2020	Lecture34:rotating magnet	https://www.slideshare.net/nishtha97/ac-machines-rotating-magnetic-field-and-its-production	https://www.electrical4u.com/rotating-magnetic-field/		
11/5/2020	Lecturer 35: Starter , necessity of starter				
12/5/2020	Lecturer 36: star delta starter	will be mailed to google group id			