		26/3/2020 to 04/04/2020			
Module	**Topics[1Hr Each]**	**PPT**	**Video Links**	**E-Materials**	**Date & Duration**
18EMAT41.3	Lecture 1 Random Variables	https://drive.google.com/open?id=1ge9AEXPfsV1ZUP9AZPo2vVVu9u-4YSlX	http://nptel.vtu.ac.in/econtent/courses/maths/15MAT41/2.php		26/3/20
	Lecture 2 Probability Distribution(discrete and continuous)	https://drive.google.com/open?id=1ge9AEXPfsV1ZUP9AZPo2vVVu9u-4YSlX	https://www.youtube.com/watch?v=Ht1u0Ka5Fvk&list=PLMLsjhQWWlUqogTHxVTXwY-pjyo7jDGIh		27/3/20
	Lecture 3 Mass Density Function	https://drive.google.com/open?id=1ge9AEXPfsV1ZUP9AZPo2vVVu9u-4YSlX	https://www.youtube.com/watch?v=PrkpUPBS418&list=PLMLsjhQWWlUqogTHxVTXwY-pjyo7jDGIh&index=2		28/3/20
	Lecture 4 Binomial Distribution problems	https://drive.google.com/open?id=1NhnX0OmK_6_tpf1rwtZD_btu7lKCF8H_	https://www.youtube.com/watch?v=ATWt_Q8I-n4&list=PLMLsjhQWWlUqogTHxVTXwY-pjyo7jDGIh&index=3		29/3/20
	Lecture 5 Poisson Disribution	https://drive.google.com/open?id=1wFVhhxCsLDU018dJqYI68sgRPOJ1vaTF	https://www.youtube.com/watch?v=LgIN2nc_0-Q&list=PLMLsjhQWWlUqogTHxVTXwY-pjyo7jDGIh&index=26		30/3/20
	Lecture 6 Exponential Distribution and Problems	https://drive.google.com/open?id=1y3o3a3CYwL66WT3-yPnrjDxnMYJYEutU	https://www.youtube.com/watch?v=fEJu3D1T1UU&list=PLMLsjhQWWlUqogTHxVTXwY-pjyo7jDGIh&index=27		31/3/20
	Lecture 7 Exponential Distribution	https://drive.google.com/open?id=1y3o3a3CYwL66WT3-yPnrjDxnMYJYEutU	https://www.youtube.com/watch?v=Kpz6uEKawiA&list=PLMLsjhQWWlUqogTHxVTXwY-pjyo7jDGIh&index=4		04-01-20
	Lecture 8 Normal Distribution	https://drive.google.com/open?id=1y3o3a3CYwL66WT3-yPnrjDxnMYJYEutU	https://www.youtube.com/watch?v=A-gxUdMIgIc&list=PLMLsjhQWWlUqogTHxVTXwY-pjyo7jDGIh&index=7		04-02-20
	Lecture 9 Noramal Distribution	https://drive.google.com/open?id=1d3TP8hCehfMru2cEcnU2u-brBaEBgMFm	https://www.youtube.com/watch?v=mNq1n_VH3OA&list=PLMLsjhQWWlUqogTHxVTXwY-	https://drive.google.com/open?id=1d3TP8hCehfMru2cEcnU2u-brBaEBgMFm	04-03-20

	Problems		pjyo7jDGIh&index=14		
	Lecture 10	https://www.youtube.com/watch?v=KHf3AJAu-pQ&list=PLMLsjhQWWlUqogTHxVTXwY-pjyo7jDGIh&index=32	https://www.youtube.com/watch?v=aBQDMyN1mLw&list=PLMLsjhQWWlUqogTHxVTXwY-pjyo7jDGIh&index=23		04-04-20
18EE42.3	1.introduction	https://drive.google.com/open?id=1Vyrc9hK0d3EAaV5L46ugnvkPNl6SnBQD		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	26/3/20
	2.introduction of substation and grounding	https://drive.google.com/open?id=1Vyrc9hK0d3EAaV5L46ugnvkPNl6SnBQD		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	27/3/20
	3.types of AC system	https://drive.google.com/open?id=1KiZOMOrTY3uie90HlcS1_z2Zfg3yuWYR		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	28/3/20
	4.substation	https://drive.google.com/open?id=1bvZCrPGpyqcE3lo1HRTWCrGf_CSKRY8o		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	29/3/20
	5.AC connection system	https://drive.google.com/open?id=1wuMbZ4tZTjhk-0K9BTBvkq3yw5LPCXKw		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	30/3/20
	6.power line calculation	https://drive.google.com/open?id=1jP3Vz9U6vawpGhCyu9_qlTSqw_uqwwWL		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	31/3/20
	7 methods of neutral grounding	https://drive.google.com/open?id=1hHzI2HaEx7HFL9P7g7zyy4H7qeBGMPHq		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	04-01-20
	text book copy	https://drive.google.com/open?id=1Uk5BmCe70lpr2qlj4AZnUIfTnfIjKdTX		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	04-02-20
	lecturer 1.economics	https://drive.google.com/open?id=1aA5G2qSgNha7W8Z2BbMRkrAeoORWVrvp		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	04-03-20
	lecturer 2 load factor	https://drive.google.com/open?id=1KCovv0H73pW9I6-Rtb7R5vVH1LogjjjQ		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	04-04-20
18EE43.3	Lecture 1 short transmission line	https://www.slideshare.net/mobile/Dhananjayjha2043/electrical-transmission-line		http://www.vtuboss.in/2018/07/vtu-electrical-and-electronics-engineering-4th-sem-cbcs-scheme-notes-	26/3/20

				pdf.html?m=1	
	Lecture 2 medium transmission lines	https://www.slideshare.net/mobile/Dhananjayjha2043/electrical-transmission-line		http://www.vtuboss.in/2018/07/vtu-electrical-and-electronics-engineering-4th-sem-cbcs-scheme-notes-pdf.html?m=1	27/3/20
	Lecture 3 long transmission line	https://www.slideshare.net/mobile/Dhananjayjha2043/electrical-transmission-line		http://www.vtuboss.in/2018/07/vtu-electrical-and-electronics-engineering-4th-sem-cbcs-scheme-notes-pdf.html?m=1	28/3/20
	Lecture 4 ABCD parameters	https://www.slideshare.net/mobile/Dhananjayjha2043/electrical-transmission-line		http://www.vtuboss.in/2018/07/vtu-electrical-and-electronics-engineering-4th-sem-cbcs-scheme-notes-pdf.html?m=1	29/3/20
	Lecture 5 numericals on medium lines	https://www.slideshare.net/mobile/nehagangwar4/transmission-lines-72470307		http://www.vtuboss.in/2018/07/vtu-electrical-and-electronics-engineering-4th-sem-cbcs-scheme-notes-pdf.html?m=1	30/3/20
	Lecture 6 numericals onlong lines	https://www.slideshare.net/mobile/nehagangwar4/transmission-lines-72470307		http://www.vtuboss.in/2018/07/vtu-electrical-and-electronics-engineering-4th-sem-cbcs-scheme-notes-pdf.html?m=1	31/3/20
	Lecture 7 numerical on ABCD parameters	https://www.slideshare.net/mobile/nehagangwar4/transmission-lines-72470307		https://www.electrical4u.com/abcd-parameters-of-transmission-line/	04-01-20
	Lecture 8 corona	https://www.slideshare.net/mobile/nehagangwar4/transmission-lines-72470307		https://drive.google.com/file/d/0BzfpGB351Qv_QVE3QTdLNFlQVlE/view	04-02-20
	Lecture 9underground cable	https://www.slideshare.net/mobile/nehagangwar4/transmission-lines-72470307		https://www.slideshare.net/mobile/nehagangwar4/transmission-lines-72470307	04-03-20
	Lecture 10	https://www.slideshare.net/mobile/nehag		https://www.slideshare.net/	04-04-20

	grading of cables	angwar4/transmission-lines-72470307		mobile/nehagangwar4/transmission-lines-72470307	
18EE44.3	Lecture 1 - Introduction to induction motors, Torque Equations , Slip and its significance	https://www.slideshare.net/rudrashukla351/induction-motor-three-phase https://www.slideshare.net/AbdulAzizAhmedSiyad/induction-motors-54990053 https://scholar.cu.edu.eg/?q=mostafa_elshahed/files/lec_6_0.pdf	https://youtu.be/leXNHZM-CZE https://youtu.be/6SLKukxvjq0 https://youtu.be/BNa34EyGVws https://youtu.be/DANGZvHOgj0	https://www.smartzworld.com/downloads/download/em-ii-unit-4-notes-material-2/	26/3/20
	Lecture 2 - Phasor diagram of induction motor on no-load and on load	https://www.brainkart.com/article/Phasor-Diagram-of-Three-Phase-Induction-Motor_12231/	https://www.youtube.com/watch?v=gBNbrzreOjM https://www.youtube.com/watch?v=djUMIQ3UgHc https://www.youtube.com/watch?v=cX40IO04QgY		27/3/20
	Lecture 3 - Equivalent circuit, losses, efficiency	https://www.electrical4u.com/equivalent-circuit-for-an-induction-motor/ https://www.electrical4u.com/losses-and-efficiency-of-induction-motor/	https://youtu.be/oRUsbs4T8W8 https://youtu.be/txFiF7N43K8 https://youtu.be/M1YEZxF5I7s https://youtu.be/mv63w0IEJOQ		28/3/20
	Lecture 4 - No-load and blocked rotor tests	http://www.ee.iitkgp.ac.in/TeachingLabs/MachineLab/em3.pdf	https://www.youtube.com/watch?v=5TZxDmYSW2w		29/3/20
	Lecture 5 - Performance of the motor from the circle diagram and equivalent circuit	https://www.slideshare.net/mhmdenab/ch-35-46897352	https://youtu.be/lZiWAWYGmGg https://youtu.be/oRUsbs4T8W8 https://youtu.be/txFiF7N43K8 https://youtu.be/M1YEZxF5I7s https://youtu.be/mv63w0IEJOQ		30/3/20
	Lecture 6 - Numericals on Circle Diagram		https://youtu.be/FnADjwX7vhE		31/3/20
	Lecture 7 - Cogging and Crawling	https://www.slideshare.net/anand112/anandmachine	https://www.youtube.com/watch?v=pYa5VOaQHyo	http://www.vssut.ac.in/lecture_notes/lecture1424353332.pdf	04-01-20

	Lecture 8 - High torque rotors-double cage and deep rotor bar Induction Motors	https://www.slideshare.net/manishsahu900/deep-bar-n-double-cage-rotors	https://www.youtube.com/watch?v=ngKsrUNd0q4		04-02-20
	Lecture 9 - Induction motor working as induction generator		https://www.youtube.com/watch?v=jfVJ2KTwgUg		04-03-20
	Lecture 10 - Standalone and Grid connection of induction generator	https://www.slideshare.net/vishalgohel12195/acm-b3-1401231090030709	https://www.youtube.com/watch?v=fNv0j9RAyO4		04-04-20
18EE45.2	Lecture 1- Energy expended in moving a point charge in an electric field, the line integral. Pottential difference & Gradient,The potential field of a point charge and system of charges.	https://www.slideserve.com/ophrah/energy-expended-in-moving-a-point-charge-in-an-electric-field	https://www.youtube.com/watch?v=dMoR6HqftEA&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=55	https://drive.google.com/file/d/0BzfpGB351Qv_SktHd1FPb1FoWUk/view	26/3/20
	Lecture 2- Potential due to line charge, Surface ChargePotential Gradient,Relation between E & V	https://www.slideshare.net/mailrahulyogi/electric-potential-and-gradient-fied-theory	https://www.youtube.com/watch?v=qbDJT9thT1I&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=59	https://studfile.net/preview/10805691/page:18/	27/3/20

	Lecture 2-Potential due to line charge, Surface ChargePotential Gradient,Relation between E & V	https://www.slideserve.com/milo/the-electric-dipole	https://www.youtube.com/watch?v=E4JqKSE_Eec&t=749s	https://drive.google.com/file/d/0BzfpGB351Qv_SktHd1FPb1FoWUk/view	28/3/20
	Lecture 4-Numericals on potential filed	https://www.slideshare.net/mailrahulyogi/electric-potential-and-gradient-fied-theory	https://www.youtube.com/watch?v=RuxolMOlWOo&list=PLL6Ah8JHS-GDPySsir5Ip9C4PFVYwLqKK&index=16	https://studfile.net/preview/10805691/page:19/	29/3/20
	Lecture 5-Numericals on dipole	https://www.slideserve.com/milo/the-electric-dipole		https://studfile.net/preview/10805691/page:20/	30/3/20
	Lecture 6-Current & Current density,Continuity of current.	https://www.slideshare.net/DesolateSalman/current-current-density-equation-of-continuity	https://www.youtube.com/watch?v=CQDoNaKHytA	https://drive.google.com/file/d/1pS02l5JoRzxOQh_p-Wdw5Y1yzgCObfto/view	31/3/20
	Lecture 7-Conductor's property & boundary conditions	https://www.slideshare.net/awaabfakih/boundary-condition	https://www.youtube.com/watch?v=7RKj14m9wEI	https://drive.google.com/file/d/0BzfpGB351Qv_SktHd1FPb1FoWUk/view	04-01-20
	Lecture 8-Perfect dielectric material, capacitance calculation	https://www.slideshare.net/1anaya/capacitance-and-dielectrics	https://www.youtube.com/watch?v=i4IXJktmaZA&list=PLgzsL8klq6DIHSngsEx5W0E5VWncy-FfO&index=23	https://drive.google.com/file/d/0BzfpGB351Qv_SktHd1FPb1FoWUk/view	04-02-20
	Lecture 9-Parallel plate capacitor with two dielctrics with dielectric material	https://www.slideshare.net/1anaya/capacitance-and-dielectrics	https://www.youtube.com/watch?v=7tK6OvOVIac	https://drive.google.com/file/d/0BzfpGB351Qv_SktHd1FPb1FoWUk/view	04-03-20

	Lecture 10- Numericals on capacitance calculation.	https://www.slideshare.net/1anaya/capacitance-and-dielectrics	https://www.youtube.com/watch?v=wbrfaAEVd0o	https://docs.google.com/viewer?a=v&pid=sites&srcid=ZGVmYXVsdGRvbWFpbnxlbHgyNzAxZW1mdHxneDoxMGYzZTUxNTVhNTExNDU3	04-04-20
18EE46.3	Lecture 1 - Traingular & Rectangular wave generator	https://www.slideshare.net/mobile/jeba82psj/triangular-wave-generator-using-op-amp-741		https://drive.google.com/open?id=0BzfpGB351Qv_ZFUwTXZXUUkwV00	26/3/20
	Lecture 2 - Phase shift & wein bridge oscillator	https://www.slideshare.net/mobile/poojithchowdhary/function-generator-24216308		https://drive.google.com/open?id=0BzfpGB351Qv_ZFUwTXZXUUkwV00	27/3/20
	Lecture 3- oscillator amplitude stabilization, signal generator output control		https://www.youtube.com/watch?v=XDZNiPySuW4	https://drive.google.com/open?id=0BzfpGB351Qv_ZFUwTXZXUUkwV00	28/3/20
	Lecture 4 - basic comparator, zero crossing detector, schmitt trigger circuits	https://www.slideshare.net/saquib208/schmitt-trigger	https://www.youtube.com/watch?v=XDZNiPySuW4	https://drive.google.com/open?id=0BzfpGB351Qv_ZFUwTXZXUUkwV00	29/3/20
	Lecture 5 - volatge to current converter, viz-versa	https://www.electrical4u.com/voltage-to-current-converter	https://www.youtube.com/watch?v=XDZNiPySuW4	https://drive.google.com/open?id=0BzfpGB351Qv_ZFUwTXZXUUkwV00	30/3/20
	Lecture 6 - basic of voltage to frequency converter, numericals	https://www.slideshare.net/prashantsingh94651/frequency-to-voltage-converterfinal		https://drive.google.com/open?id=0BzfpGB351Qv_ZFUwTXZXUUkwV00	31/3/20
	Lecture 7 - numericals on volatge to frequency			https://drive.google.com/open?id=0BzfpGB351Qv_ZFUwTXZXUUkwV00	04-01-20

	converter				
	Lecture 8 - Precision half & full wave rectifier	lideshare.net/DeepanjanaPaul/half-wave-rectifier-full-wave-rectifier-with-their-descriptions	https://www.youtube.com/watch?v=QswTZXcXVag	https://drive.google.com/open?id=0BzfpGB351Qv_ZFUwTXZXUUkwV00	04-02-20
	Lecture 9 - clamping circuits	lideshare.net/DeepanjanaPaul/half-wave-rectifier-full-wave-rectifier-with-their-descriptions	https://www.youtube.com/watch?v=h25eCnWboRc	https://drive.google.com/open?id=0BzfpGB351Qv_ZFUwTXZXUUkwV00	04-03-20
	Lecture 10 - peak detectors	https://www.brainkart.com/article/Peak-Detector-using-Operational-Amplifier_36013/	https://www.youtube.com/watch?v=TjprxvNl96I		04-04-20

April 5th -14th

Module	Topics[1Hr Each]	PPT	Video Links	E- Materials	Date & Duration
18MAT 41.	Lecture1: Curve Fitting By method of least squares	-	https://www.youtube.com/watch?v=1iJGLcP__s0&list=PLMLsjhQWWlUr3sSnIFJJY4ixDbQyfisU_&index=2&t=0s	https://drive.google.com/open?id=1n_ADjIy_rXklQ5bcuA3QtNINGkDvtiiF	5/4/0202
	Lecture 2: fitting the curve of the form y=ax+b	-	https://www.youtube.com/watch?v=RkFpiKvvkKo&list=PLMLsjhQWWlUr3sSnIFJJY4ixDbQyfisU_&index=2		04-06-20
	Lecture 3 : fitting the curve of the form y=ax^2+bx+c	-	https://www.youtube.com/watch?v=cieQc7SWszM&list=PLMLsjhQWWlUr3sSnIFJJY4ixDbQyfisU_&index=4https://www.youtube.com/watch?v=_03cHdl3wPE&list=PLMLsjhQWWlUr3sSnIFJJY4ixDbQyfisU_&index=5	https://drive.google.com/open?id=1n_ADjIy_rXklQ5bcuA3QtNINGkDvtiiF	04-07-20
	Lecture 4: fitting the curve of the form y=ax^b	-	https://www.youtube.com/watch?v=Jatazr6lAH0&list=PLMLsjhQWWlUr3sSnIFJJY4ixDbQyfisU_&index=7 https://www.youtube.com/watch?v=b9j88GBD6jc&list=PLMLsjhQWWlUr3sSnIFJJY4ixDbQyfisU_&index=8	https://drive.google.com/open?id=1n_ADjIy_rXklQ5bcuA3QtNINGkDvtiiF	04-08-20

	Lecture 5: Coorelation-Karl Pearsons Coefficients of Corelation	-	1. https://www.youtube.com/watch?v=3Grc9nVymm0		04-09-20
	Lecture 6: Coorelation-Karl Pearsons Coefficients of Corelation and Problems	-	2. https://www.youtube.com/watch?v=w-r42Hjql1g		04-10-20
	Lecture 7: Rank Correlation	-	3. https://www.youtube.com/watch?v=Fim8B0SAVqw	https://drive.google.com/open?id=1n_ADjIy_rXklQ5bcuA3QtNlNGkDvtiiF	04-11-20
	Lecture 8: Regression Analysis	-	https://www.youtube.com/watch?v=Cs90AH-D1aQ&list=PLMLsjhQWWlUr3sSnIFJJY4ixDbQyfisU_&index=10&t=0s		04-12-20
	Lecture 9: Lines of Regression	-	https://www.youtube.com/watch?v=zOlfpUURuf0&list=PLMLsjhQWWlUr3sSnIFJJY4ixDbQyfisU_&index=10		13/4/2020
	Lecture 10: Problems	-			14/4/2020
18EE42	lecturer 1.plant utilisation factor	https://drive.google.com/open?id=1pva9ZL9F9IIFL0HIQgyL5DyjQtOnfyIP		https://drive.google.com/open?id=1pva9ZL9F9IIFL0HIQgyL5DyjQtOnfyIP	5/4/0202
	Lecture2: load curve	https://drive.google.com/open?id=1pva9ZL9F9IIFL0HIQgyL5DyjQtOnfyIP	https://youtu.be/SHhYD4luIJg	https://drive.google.com/file/d/1IOzFNauv6WL07XyoJJLMvIP5QU5hrytE/view?usp=sharing	04-06-20
	Lecture 3:depreciation	https://drive.google.com/open?id=1duTwkioVl5C1vK6IJ2O3z2r24CUG3Lm	https://youtu.be/KzneQTQraAg	https://drive.google.com/file/d/1IOzFNauv6WL07XyoJJLMvIP5QU5hrytE/view?usp=sharing	04-07-20

	Lecture 4 :problems under tariff	https://drive.google.com/open?id=19_K1McZm8bWfrVgvQHnQvwUo-HRd4j8t	https://youtu.be/KzneQTQraAg	https://drive.google.com/file/d/1IOzFNauv6WL07XyoJJLMvIP5QU5hrytE/view?usp=sharing	04-08-20
	Lecture 5:power factor	https://drive.google.com/open?id=1HVPgEm8z0tybUdk2vh14gffgG8CV5T1H	https://www.youtube.com/watch?v=DEx9pJQtprM	https://drive.google.com/file/d/1IOzFNauv6WL07XyoJJLMvIP5QU5hrytE/view?usp=sharing	04-09-20
	Lecture 6:importance of power factor improvement	https://drive.google.com/open?id=1W1e7fJeK-713RJHWjO3TH-aUfUKksiQG	https://www.youtube.com/watch?v=z4YaQAg5JJI	https://drive.google.com/file/d/1IOzFNauv6WL07XyoJJLMvIP5QU5hrytE/view?usp=sharing	04-10-20
	Lecture 7:cost analysis of power plant	https://drive.google.com/open?id=1-EPY6oLmCkFzIPFTRbP1DmloWmBbfjHC	https://www.youtube.com/watch?v=z4YaQAg5JJI	https://drive.google.com/file/d/1IOzFNauv6WL07XyoJJLMvIP5QU5hrytE/view?usp=sharing	04-11-20
	Lecture 8:depreciation	https://drive.google.com/open?id=1duTwkioVl5C1vK6IJ2O3z2r24CUG3Lm	https://www.youtube.com/watch?v=_HxM6DAYQ4U	https://drive.google.com/file/d/1IOzFNauv6WL07XyoJJLMvIP5QU5hrytE/view?usp=sharing	13/4/2020
	Lecture 9:question paper revision		https://drive.google.com/open?id=1aSRyOGlr-WIXM_PfSNV99a4Fd33kOilG		14/4/2020
	Lecture 10:unit test				
18EE43	Lecture1: critical disruptive voltage	https://www.slideshare.net/mobile/HasibHossen2/corona-effect-96369723	https://youtu.be/Tguh8I37HrM	https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	5/4/0202
	Lecture 2:corona loss	https://www.slideshare.net/mobile/HasibHossen2/corona-effect-96369723	https://youtu.be/nBh1Hy1bt0w	https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	04-06-20
	Lecture 3 :numericals	https://www-electricaltechnology-org.cdn		https://www.electrical4u.com/corona-effect-in-power-system/	04-07-20
	Lecture 4:advantagres	https://www-electricaltechnology-org.cdn	https://youtu.be/nBh1Hy1bt0w	https://www.electrical4u.com/corona-effect-in-power-	04-08-20

	and disavntages			system/	
	Lecture 5: Methods of reduction	https://www-electricaltechnology-org.cdn		https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	04-09-20
	Lecture 6:Types of under cable	https://www.slideshare.net/mobile/razuk1/under-ground-cables-presention		https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	04-10-20
	Lecture 7: construction features	https://www.slideshare.net/mobile/razuk1/under-ground-cables-presention	https://youtu.be/u0jAVR-j60	https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	04-11-20
	Lecture 8:insulation resistance	https://www.slideshare.net/mobile/siddheshsawant31/underground-cables-73357013	https://youtu.be/hQtETgVHkgM	https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	04-12-20
	Lecture 9: grading - capacitance grading	https://www.slideshare.net/mobile/razuk1/under-ground-cables-presention	https://youtu.be/5HSoYk5mUNE	https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	13/4/2020
	Lecture 10: Intersheath grading	https://www.slideshare.net/mobile/siddheshsawant31/underground-cables-73357013	https://youtu.be/DpC6MW1g5wY	https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	14/4/2020
18EE44.4	Lecture - 01 Need for starter. DOL Starter, Star-Delta starter	https://www.slideshare.net/sbpatel199688/starter-of-an-induction-motor	https://youtu.be/eMq9j0KY2Ak	https://nptel.ac.in/content/storage2/courses/108105053/pdf/L-33(NKD)(ET)%20((EE)NPTEL).pdf	5/4/0202
	Lecture - 02 Autotransformer starting , Rotor resistance starting.		https://youtu.be/dJzSqS29Fzg		04-06-20
	Lecture - 03 Speed control - Voltage & Frequency		https://youtu.be/wl6AwcTOXO4	http://www.uomisan.edu.iq/eng/ar/admin/pdf/93138541001.pdf	04-07-20
	Lecture - 04 Speed control -		https://youtu.be/ww5uXJ38fqQ		04-08-20

	Rotor resistance methods				
	Lecture - 05 Double revolving field theory	https://www.slideshare.net/patelandil/single-phase-im	https://youtu.be/KPMy_L7oyOk	https://uotechnology.edu.iq/dep-eee/lectures/3rd/Communication/machine/PART%202.pdf	04-09-20
	Lecture - 06 Torque Speed charactristics and types of Single Phase IM		https://youtu.be/2KphtwK1OMs		04-10-20
	Lecture - 07 Construction and operation of split-phase Induction motor		https://youtu.be/n-wMSUCCRvk	http://gvpcew.ac.in/Material/EEE/EM-3.pdf	04-11-20
	Lecture - 08 Capacitor start, capacitor run Single Phase Induction motor		https://youtu.be/O29fXn1WzbA		04-12-20
	Lecture - 10 Shaded pole Single Phase Induction motor		https://www.youtube.com/watch?v=MyEnwJ1Lazg	http://www.uomisan.edu.iq/eng/ar/admin/pdf/82326642423.pdf	13/4/2020
	Lecture - 11 Comparison of single & Three phase motors, applications	https://www.academia.edu/6812102/12252_Single-Phase_Motors	https://www.youtube.com/watch?v=rx7hvCcNui0		14/4/2020
18EE45.4	Lecture1: Force on moving Point Charge	https://www.slideserve.com/nasim-witt/force-on-a-moving-charge	https://www.youtube.com/watch?v=8DkOH1KNpJ4	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	5/4/0202
	Lecture 2:Force on Differential Current Element.	https://www.slideserve.com/nasim-witt/force-on-a-moving-charge	https://www.youtube.com/watch?v=9U9zUDOKKaE	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	04-06-20
	Lecture 3 :Force	https://www.slideserve.com/stavros/ma	https://www.youtube.com/watch?	http://www.vssut.ac.in/lectur	04-07-20

	between Differential Current Elements	gnetic-forces-and-torques	v=9U9zUDOKKaE	e_notes/lecture1423903135.pdf	
	Lecture 4: Force and torque on closed circuit.	https://www.slideserve.com/stavros/magnetic-forces-and-torques	https://www.youtube.com/watch?v=1tUQUsggazY	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	04-08-20
	Lecture 5:Nature of magnetic materials	https://www.slideshare.net/AayuShkjain111/presentation-on-magnetic-materials	https://www.youtube.com/watch?v=2Q1_LxFbM-o	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	04-09-20
	Lecture 6:Magnetisation and Permeability	https://www.slideshare.net/AayuShkjain111/presentation-on-magnetic-materials	https://www.youtube.com/watch?v=2Q1_LxFbM-o	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	04-10-20
	Lecture 7:Magnetic Boundary Conditions.	https://www.slideshare.net/hdiwakar/magnetic-boundary-conditions-3rd-4	https://www.youtube.com/watch?v=Jk6oCvFrGas	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	04-11-20
	Lecture 8:Magnetic Circuits	https://www.slideshare.net/abhinaypotlabathini/magnetic-circuits-39152042	https://www.youtube.com/watch?v=Jk6oCvFrGas	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	04-12-20
	Lecture 9:Inductance-Self and Mutual inductance.	https://www.slideshare.net/satyakamdeo/l14-self-and-mutual-inductance	https://www.youtube.com/watch?v=oqk8KhHxG1Y	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	13/4/2020
	Lecture 10:Inductance of Solenoid, Toroid, Co-axial Cable	https://www.slideshare.net/aziffahruddin/chapt09-23864601	https://www.youtube.com/watch?v=SNc1nl-2jS0	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	14/4/2020
18EE46	Lecture1: Signal processing circuits: Precision half wave	https://www.slideshare.net/Vishal061/a-new-precision-peak-detector-full-wave-rectifier	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	5/4/0202
	Lecture 2: full wave rectifiers	https://www.slideshare.net/Vishal061/a-new-precision-peak-detector-full-wave-rectifier	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	04-06-20

	Lecture 3 :A/D Converters: Basics,		https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	04-07-20
	Lecture 4:D/A converter		https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	04-08-20
	Lecture 5:R–2R D/A Converter,	https://www.slideshare.net/simplyshazid/dacdigital-to-analog-converter	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	04-09-20
	Lecture 6:Integrated circuit 8-bit D/A	https://www.slideshare.net/simplyshazid/dacdigital-to-analog-converter	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	04-10-20
	Lecture 7:successive approximation ADC	https://www.allaboutcircuits.com/textbook/digital/chpt-13/successive-approximation-adc/	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	04-11-20
	Lecture 8:successive approximation ADC	https://www.allaboutcircuits.com/textbook/digital/chpt-13/successive-approximation-adc/	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	04-12-20
	Lecture 9:Lecture 10: linear ramp ADC	https://www.allaboutcircuits.com/textbook/digital/chpt-13/successive-approximation-adc/	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	13/4/2020
	Lecture 10: linear ramp ADC	https://www.allaboutcircuits.com/textbook/digital/chpt-13/successive-approximation-adc/	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	https://drive.google.com/open?id=0BzfpGB351Qv_OS1iVmZVd2o3NGc	14/4/2020

15-04-2020 to 03-05-2020

Module	Topics[1Hr Each]	PPT	Video Links	E- Materials	Date & Duration
18MAT41.	Module V : Joint Probability Distribution for two Random variables	https://www.youtube.com/watch?v=8iNikglWoOY&list=PLMLsjhQWWlUrkZ1Ayu5ZYdfxcao_OtenH&index=8	https://www.youtube.com/watch?v=bZ5jfglDpcc&list=PLMLsjhQWWlUrkZ1Ayu5ZYdfxcao_OtenH	https://drive.google.com/open?id=1FuJddm7HGL8cutnL30QU7slncQDaCMSC	16/4/20

	Expectation and covariance		https://www.youtube.com/watch?v=1GTcajCGBTA&list=PLMLsjhQWWlUrkZ1Ayu5ZYdfxcao_OtenH&index=4		17/4/20
	Introduction to Sampling distributions		https://www.youtube.com/watch?v=YjsZjLpyixY&list=PLMLsjhQWWlUrkZ1Ayu5ZYdfxcao_OtenH&index=5	https://drive.google.com/open?id=1du9S431tfgCgzHlDtvFjPtnT3NB-2s0j	20/4/20
	Standared error			https://drive.google.com/open?id=1FHfesZEoaYYmMGUscGAoVSu-UhP7SJhV	21/4/20
	Type-I and Type - II errors		https://www.youtube.com/watch?v=NACUg0PdjIc	https://drive.google.com/open?id=1FuJddm7HGL8cutnL30QU7slncQDaCMSC	23/4/20
	Hypothesis Testing of a sampling distribution for single mean			https://drive.google.com/open?id=1fr3EtiI5UnOzScgtGKWdOyOEHMtfNGYP	24/4/20
	Students t-distribution				27/4/20
	Students t-distribution probelms		https://www.youtube.com/watch?v=m0qTxiYfq28&list=PLMLsjhQWWlUrkZ1Ayu5ZYdfxcao_OtenH&index=3		28/4/20
	Chi-square Distribution		https://www.youtube.com/watch?v=5bLPZjsSGSk&list=PLMLsjhQWWlUrkZ1Ayu5ZYdfxcao_OtenH&index=2		30/4/20
	Chi-square Distribution test of goodness of fit				1-5-20
18EE42	Lecture 4 :numericals under tariff	https://drive.google.com/open?id=19_K1McZm8bWfrVgvQHnQvwUo-HRd4j8t	https://www.youtube.com/watch?v=DEx9pJQtprM	w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	15/4/20
	Lecture 4	https://drive.google.com/open?id=19_K1M	https://www.youtube.com/watch?	w.vtuupdates.in/wp-	16/4/20

	:numericals under tariff	cZm8bWfrVgvQHnQvwUo-HRd4j8t	v=DEx9pJQtprM	content/uploads/eee/4th-sem/15ee42/m4.pdf	
	numericals under power factor improvement	https://drive.google.com/open?id=19_K1McZm8bWfrVgvQHnQvwUo-HRd4j8t	https://www.youtube.com/watch?v=z4YaQAg5JJI	w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	17/4/20
	numericals under cost analysis of power plant	https://drive.google.com/open?id=1HVPgEm8z0tybUdk2vh14gffgG8CV5T1H	https://www.youtube.com/watch?v=z4YaQAg5JJI	w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	21/4/20
	numericals under :depreciation	https://drive.google.com/open?id=1W1e7fJeK-713RJHWjO3TH-aUfUKksiQG	https://www.youtube.com/watch?v=_HxM6DAYQ4U	w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	22/4/20
	VTU question papers	https://drive.google.com/open?id=1-EPY6oLmCkFzIPFTRbP1DmloWmBbfjHC		w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	23/4/20
	VTU question papers	-	-	w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	24/4/20
	Assignment Topics Under Module 4(5 Questions from VTU question papers)	https://www.slideshare.net/josephsathvik/tariff-power-systems	-	w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	27/4/20
	Assignment Topics Under Module 4(5questions from VTU question papers)				28/4/20
	Revision on module 4	-	-	w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	
	Revision on module 4	-	-	w.vtuupdates.in/wp-content/uploads/eee/4th-sem/15ee42/m4.pdf	29/4/20
	revision on module 5	-	-	w.vtuupdates.in/wp-content/uploads/eee/4th-	4-5-20

				sem/15ee42/m4.pdf	
	Quiz Topics Under Module 4(10 Questions)	-			6-5-20
18EE43	capacitance grading	https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	https://youtu.be/5HSoYk5mUNE		15/4/20
	intersheath grading	https://www.slideshare.net/mobile/surajprasad12/distribution-systems-44252619	https://youtu.be/DpC6MW1g5wY	https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	16/4/20
	numericals on grading of cable				17/4/20
	radial feeder, parallel feeder	https://www.slideshare.net/mobile/surajprasad12/distribution-systems-44252619	https://youtu.be/gbuhkKTYP-A	vtu e notes	21/4/20
	loop feeder , interconnected network	https://www.slideshare.net/mobile/surajprasad12/distribution-systems-44252619	https://youtu.be/gbuhkKTYP-A		22/4/20
	3phase 4 wire system, single phase 2 wire	https://www.slideshare.net/mobile/Preet_patel/ac-distribution-80466643		https://www.brainkart.com/article/AC-and-DC-Distribution_12344/	23/4/20
	AC distribution with concentrated load	https://www.slideshare.net/mobile/9anku/electrical-distribution-system-52992371			24/4/20
	effect of neutral disconnection		https://youtu.be/gbuhkKTYP-A		27/4/20
	numericals on feeders			https://www.brainkart.com/article/AC-and-DC-Distribution_12344/	28/4/20
	reliability, failure, probability		https://youtu.be/fx6T4NOQ0U0		29/4/20
	power quality, reliability aids	https://www.slideshare.net/mobile/9anku/electrical-distribution-system-52992371	https://youtu.be/fx6T4NOQ0U0	vtu e notes	30/4/20
	line parameters				2-5-20

18EE44.5	Synchronous Motor: Principle of operation	https://www.slideshare.net/mhmdenab/ch-38-46897372	https://youtu.be/bRU1206uQ14	https://www.smartzworld.com/downloads/download/em-3-complete-pdf-notes/	15/4/20
	Phasor diagrams of Synchronous motors	https://www.slideshare.net/prasantakcs/synchronous-motor-for-presentation	https://youtu.be/VAMosCczAgo		16/4/20
	Torque and torque angle, Blondel diagram		https://youtu.be/xEulnVYcxyY		17/4/20
	Effect of change in load		https://youtu.be/h_k0VSmQsnc		20/4/20
	Effect of change in excitation		https://youtu.be/lgZROKRj_cY		21/4/20
	V and inverted V curves		https://youtu.be/bsfpWGSer1A		22/4/20
	Synchronous condenser, Hunting and Damping		https://youtu.be/b00gGjfadok		23/4/20
	Use of Synchronous Condensor in p.f Improvement		https://youtu.be/iOvlQ5BhZcI		24/4/20
	Other Motors: Construction and operation of Universal motor	https://www.slideshare.net/urvishshah25/universal-motor-78980633	https://youtu.be/0PDRJKz-mqE		28/4/20
	AC servomotor	https://www.slideshare.net/RaviKansagara3/ac-servomotor	https://youtu.be/ditS0a28Sko		29/4/20
18EE45.5	**a) Time varying Fields & Maxwell's Equation**: Faradays Laws	https://slideplayer.com/slide/716762/	https://www.youtube.com/watch?v=NfP5GRcVATE	https://www.bharathuniv.ac.in/colleges1/downloads/courseware_ece/notes/CE1%20BEC%20503%20%20-tln%20notes.pdf	15/04/2020

	Displacement Current	https://www.powershow.com/viewfl/5c5384-YWU5Y/Displacement_Current_powerpoint_ppt_presentation	https://www.youtube.com/watch?v=YkgWfQSpqPY&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=174	http://optics.hanyang.ac.kr/~shsong/Chapter%207.Time-varying%20fields%20and%20Maxwell%20equations.pdf	16/04/2020
	Problems on faradays laws & Displacement Current	https://www.powershow.com/viewfl/5c5384-YWU5Y/Displacement_Current_powerpoint_ppt_presentation	https://www.youtube.com/watch?v=YkgWfQSpqPY&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=174	https://www.bharathuniv.ac.in/colleges1/downloads/courseware_ece/notes/CE1%20BEC%20503%20%20-tln%20notes.pdf	17/04/2020
	Maxwells Equation	https://www.slideshare.net/AKMishraMishra/maxwells-equation-and-electromagnetic-waves	https://www.youtube.com/watch?v=X4NNGHkP-Fg&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=175	https://www.bharathuniv.ac.in/colleges1/downloads/courseware_ece/notes/CE1%20BEC%20503%20%20-tln%20notes.pdf	20/04/2020
	Maxwells Equation Problems	https://www.slideshare.net/AKMishraMishra/maxwells-equation-and-electromagnetic-waves	https://www.youtube.com/watch?v=AaX1NJTGpbo&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=176	http://optics.hanyang.ac.kr/~shsong/Chapter%207.Time-varying%20fields%20and%20Maxwell%20equations.pdf	21/04/2020
	b) Uniform Plane waves: Wave propagation in free space	https://www.slideshare.net/suganthithangaraj1/electro-magnetic-waves-57444723	https://www.youtube.com/watch?v=OoQS1ex4kJA&list=PLuv3GM6-gsE3-hVNaw-YEb7EeY5XVPZdz&index=50		22/04/2020
	Wave propagation in dielectrics	https://www.slideshare.net/suganthithangaraj1/electro-magnetic-waves-57444723	https://www.youtube.com/watch?v=swNoKkY81MA		23/04/2020
	Propagation in Good Conductors(Skin Effect)	https://www.slideshare.net/suganthithangaraj1/electro-magnetic-waves-57444723	https://www.youtube.com/watch?v=ITqR7yM3CUE		24/04/2020
	Pointing Vector and Power consideration	https://www.slideshare.net/deepak281292/poynting-vector	https://www.youtube.com/watch?v=fImCzm7pv6Q	http://courses.egr.uh.edu/ECE/ECE3317/SectionLong/docs/EMII_CH3_AUG_14_STUDENT_version.pdf	27/04/2020
18EE45.3	**a) Poisson's & Laplace Equation:**	https://www.slideshare.net/abhishekchoksi56/poissons-and-laplaces-equation	https://www.youtube.com/watch?v=WUyHk2EBwyc	http://remote2.ece.illinois.edu/~erhan/FieldsWaves/secure/notes/ECE329Fall09/329lect0	28/04/2020

	Solution of poissons equation	https://www.slideshare.net/abhishekchoksi56/poissons-and-laplaces-equation	https://www.youtube.com/watch?v=2FxwqwIdZhU&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=116	7.pdf	29/04/2020
	Solution of Laplace equation	https://slideplayer.com/slide/5112190/	https://www.youtube.com/watch?v=7mF-JOmLYO8&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=111		30/04/2020
18EE46.5	**Phase Locked Loop**				15/04/2020
	Basic PLL	https://www.slideshare.net/sahadebayon/phase-locked-loop-pll	https://www.youtube.com/watch?v=A9qt0JYdvFU	http://www.bu.edu.eg/portal/uploads/Engineering,%20Shoubra/Electrical%20Engineering/2461/crs-12135/Files/ECE322_ElecCtB_lec08.pdf	16/04/2020
	Components	https://www.slideshare.net/sahadebayon/phase-locked-loop-pll	https://www.youtube.com/watch?v=A9qt0JYdvFU	http://www.bu.edu.eg/portal/uploads/Engineering,%20Shoubra/Electrical%20Engineering/2461/crs-12135/Files/ECE322_ElecCtB_lec08.pdf	17/04/2020
	Performance factors	https://www.slideshare.net/sahadebayon/phase-locked-loop-pll	https://www.youtube.com/watch?v=A9qt0JYdvFU	http://www.bu.edu.eg/portal/uploads/Engineering,%20Shoubra/Electrical%20Engineering/2461/crs-12135/Files/ECE322_ElecCtB_lec08.pdf	20/04/2020
	Applications of PLL IC 565	http://www.idc-online.com/technical_references/pdfs/electronic_engineering/Monolithic_PLL_IC_565_Applications.pdf	https://www.youtube.com/watch?v=oyGxVgrtbdg		21/04/2020
	Applications of PLL IC 565	http://www.idc-online.com/technical_references/pdfs/electronic_engineering/Monolithic_PLL_IC_565	https://www.youtube.com/watch?v=oyGxVgrtbdg		22/04/2020

		_Applications.pdf			
	Internal architecture of 555 timer	https://www.slideshare.net/vbvklone/555-timer-ic-16401771	https://www.youtube.com/watch?v=EGmreVQ-yNM		23/04/2020
	Internal architecture of 555 timer	https://www.slideshare.net/vbvklone/555-timer-ic-16401771	https://www.youtube.com/watch?v=EGmreVQ-yNM	https://circuitdigest.com/article/555-timer-ic	24/04/2020
	Mono stable	https://www.slideshare.net/dhawalmehta3/multivibrators-74563268	https://www.youtube.com/watch?v=ypV6gdIJJU4	https://circuitdigest.com/article/555-timer-ic	27/04/2020
	Astable multivibrators	https://www.slideshare.net/UmyaMohammedi/astable-multivibrator-82993432	https://www.youtube.com/watch?v=pUibCkUB364	https://www.electronics-tutorials.ws/sequential/seq_3.html	28/04/2020
	Astablemultivibrators	https://www.slideshare.net/UmyaMohammedi/astable-multivibrator-82993432	https://www.youtube.com/watch?v=iJYm_BGqa1A	https://www.electronics-tutorials.ws/sequential/seq_3.html	29/04/2020
	Applications of PLL	https://www.slideshare.net/raviteshmishra/phase-lock-loops	https://www.youtube.com/watch?v=iJYm_BGqa1A	https://www.electronics-tutorials.ws/sequential/seq_3.html	30/04/2020

4-5-2020 to 15-05-2020

Module	**Topics[1Hr Each]**	**PPT**	**Video Links**	E- Materials	Date & Duration
18EE41					

18EE42	Revision on module 4				5-4-20
	Revision on module 5				5-5-20
	Introduction, Economics of nuclear plants, Merits and demerits	https://www.slideshare.net/Shponni/advantages-and-disadvantages-of-nuclear-power	https://www.youtube.com/watch?v=rcOFV4y5z8c	https://www.vturesource.com/vtu-syllabus/EE/2018/4/18EE42	5-6-20
	selection of site, Nuclear reaction, Nuclear fission process, Nuclear chain reaction	https://drive.google.com/open?id=1AA4qmhUxT-iiRDMNRp-7hPsgJeKo0Cp3	https://courses.lumenlearning.com/boundless-chemistry/chapter/nuclear-fission/		5-7-20
	Nuclear energy, Nuclear fuels, Nuclear plant and layout	https://drive.google.com/open?id=1AA4qmhUxT-iiRDMNRp-7hPsgJeKo0Cp3	https://www.youtube.com/watch?v=_UwexvaCMWA		5-8-20
	Nuclear reactor and its control, Classification of reactors	https://drive.google.com/open?id=1AA4qmhUxT-iiRDMNRp-7hPsgJeKo0Cp3	https://www.world-nuclear.org/information-library/nuclear-fuel-cycle/nuclear-power-reactors/nuclear-power-reactors.aspx		5-11-20
	power reactors in use, Effects of nuclear plants	https://drive.google.com/open?id=1AA4qmhUxT-iiRDMNRp-7hPsgJeKo0Cp3	https://sciencing.com/nuclear-energy-affect-environment-4566966.html		5-12-20
	Disposal of nuclear waste	https://drive.google.com/open?id=1AA4qmhUxT-iiRDMNRp-7hPsgJeKo0Cp3	https://www.youtube.com/watch?v=ruw8koAXg_s		5-13-20
	effluent, shielding.	https://drive.google.com/open?id=1AA4qmhUxT-iiRDMNRp-7hPsgJeKo0Cp3	https://www.sciwise.ca/		5-14-20
	numericals	https://drive.google.com/open?id=1AA4qmhUxT-iiRDMNRp-7hPsgJeKo0Cp3			5-15-20
	Revision on module 3				5-16-20
					5-17-20

18EE43	AC distribution				04-05-2020
	AC distribution problems				05-05-2020
	Reliability				06-05-2020
	probability, reliability aids		https://youtu.be/lU3Q6_DWnV4	https://www.electrical4u.com/inductance-in-power-transmission-line/	07-05-2020
	Introduction to R, L, C	https://www.slideshare.net/mobile/vishalgohel12195/inductance-of-a-transmission-lines			08-05-2020
	Inductance of single and 3 ph line - equilateral spacing		https://youtu.be/dhmYOIBcwOU		09-05-2020
	Inductance of single and 3 ph line - unsymmetrical spacing	https://www.slideshare.net/mobile/vishalgohel12195/inductance-of-transmission-line		https://www.engineeringenotes.com/electrical-engineering/	11-05-2020
	double circuit and transposed line		https://youtu.be/lU3Q6_DWnV4		12-05-2020
	concept of GMD, GMR				13/05/2020
	inductance of composite conductors		https://youtu.be/lU3Q6_DWnV4	https://circuitglobe.com/inductance-of-transmission-line.html	14/05/2020
	advantages of single and double circuits				15/05/2020
	Numericals on inductance				16/05/2020
18EE44	Linear induction motor	https://www.slideshare.net/AbhishekGedam1/linear-induction-motor	https://youtu.be/_MbrIe5oxKY		04-05-2020

	Numericals	https://www.slideshare.net/AnuragChaudhary1/stepper-motor-61414296	https://youtu.be/eyqwLiowZiU		05-05-2020
	stepper motors	https://www.slideshare.net/AnuragChaudhary1/stepper-motor-61414296	https://youtu.be/_MbrIe5oxKY		06-05-2020
	VTU Question Paper Revision	http://www.pediawikiblog.com/2019/12/vtu-be-electric-motors-question-paper.html			07-05-2020
	VTU Question Paper Revision	http://www.pediawikiblog.com/2019/08/vtu-be-electric-motors-question-paper.html			08-05-2020
	Revision - Module 3	https://www.smartzworld.com/downloads/download/em-ii-unit-4-notes-material-2/			09-05-2020
	Revision - Module 3	https://www.smartzworld.com/downloads/download/em-ii-unit-4-notes-material-2/			11-05-2020
	Revision - Module 4	http://gvpcew.ac.in/Material/EEE/EM-3.pdf			12-05-2020
	Revision - Module 4	http://www.uomisan.edu.iq/eng/ar/admin/pdf/82326642423.pdf			13/05/2020
	Revision - Module 5	http://optics.hanyang.ac.kr/~shsong/Chapter%207.Time-varying%20fields%20and%20Maxwell%20equations.pdf			14/05/2020
	Revision - Module 5	http://courses.egr.uh.edu/ECE/ECE3317/SectionLong/docs/EMII_CH3_AUG_14_STUDENT_version.pdf			15/05/2020
18EE45.3	**a) Poisson's & Laplace Equation:**		https://www.youtube.com/watch?v=WUyHk2EBwyc	http://remote2.ece.illinois.edu/~erhan/FieldsWaves/secure/notes/ECE329Fall09/329lect07.pdf	04-05-2020
	Solution of poissons equation	https://www.slideshare.net/abhishekchoksi56/poissons-and-laplaces-equation	https://www.youtube.com/watch?v=2FxwqwIdZhU&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=116		05-05-2020
	Solution of Laplace equation	https://slideplayer.com/slide/5112190/	https://www.youtube.com/watch?v=7mF-JOmLYO8&list=PLm_MSClsnwm-		06-05-2020

			w_oyXiPFYgtn-oreRmN9Q&index=111		
	b)**Steady Magnetic fields:** Biot's Savart's Law	https://slideplayer.com/slide/13496738/	https://www.youtube.com/watch?v=e9iLn-3sCoE	http://www.vssut.ac.in/lecture_notes/lecture1423903135.pdf	07-05-2020
	Problems on Biot's Savart's Law	https://slideplayer.com/slide/13496738/	https://www.youtube.com/watch?v=jpT7FAOzfQg&t=47s		08-05-2020
	H due to straight conductor of finite length & Problems	https://slideplayer.com/slide/6397239/	https://www.youtube.com/watch?v=Sq9JtsMZH6Q		09-05-2020
	Amperes Circuital law		https://www.youtube.com/watch?v=y5LerhqAntY&t=28s		11-05-2020
	Problems on Amperes Circuital law	https://slideplayer.com/slide/6397239/	https://www.youtube.com/watch?v=MFmbLBLjNT8&t=49s		12-05-2020
	Curl		https://www.youtube.com/watch?v=fE_XQVAx5sI		13/05/2020
	Stokes theorem	https://www.slideshare.net/getabhishek/stokes-theorem	https://www.youtube.com/watch?v=EQmXG_fOxpU&list=PLm_MSClsnwm-w_oyXiPFYgtn-oreRmN9Q&index=136		14/05/2020
	Magnetic flux and magnetic flux density	https://www.slideserve.com/varsha/magnetic-flux-magnetic-flux-density	https://www.youtube.com/watch?v=Dgt_hiClptw		15/05/2020
	Magnetic scalar and vector potentials.	https://www.slideshare.net/abhinaypotlabathini/ppt19-magneticpotential	https://www.youtube.com/watch?v=0m0B131LQmU		16/05/2020
18EE46.5	Internal architecture of 555 timer	https://www.slideshare.net/vbvklone/555-timer-ic-16401771	https://www.youtube.com/watch?v=EGmreVQ-yNM	https://circuitdigest.com/article/555-timer-ic	04-05-2020
	Mono stable-problems	https://www.slideshare.net/dhawalmehta3/multivibrators-74563268	https://www.youtube.com/watch?v=ypV6gdIJJU4	https://circuitdigest.com/article/555-timer-ic	05-05-2020
	Astable	https://www.slideshare.net/UmyaMoham	https://www.youtube.com/watch?v	https://www.electronics-	06-05-2020

	multivibrators- Problems	medi/astable-multivibrator-82993432	=pUibCkUB364	tutorials.ws/sequential/seq_3 .html	
	Astablemultivibr ators- Problems	https://www.slideshare.net/UmyaMoham medi/astable-multivibrator-82993432	https://www.youtube.com/watch?v =iJYm_BGqa1A	https://www.electronics- tutorials.ws/sequential/seq_3 .html	07-05-2020
	Applications of PLL- Problems	https://www.slideshare.net/raviteshmishra /phase-lock-loops	https://www.youtube.com/watch?v =iJYm_BGqa1A	https://www.electronics- tutorials.ws/sequential/seq_3 .html	08-05-2020
	Revision	-	-	-	09-05-2020
	Revision	-	-	-	11-05-2020
	Revision	-	-	-	12-05-2020
	Revision	-	-	-	13/05/2020
	Revision	-	-	-	14/05/2020
	Revision	-	-	-	15/05/2020
	Revision	-	-	-	16-5-2020

18-5-2020 to 30-05-2020

Module	**Topics[1Hr Each]**	**PPT**	**Video Links**	E- Materials	Date & Duration
18EE41					

18EE42					
	caacitance of single and 3 ph line - equilateral spacing	https://www.slideshare.net/mobile/vishalgohel12195/inductance-of-transmission-line	https://youtu.be/lU3Q6_DWnV4	https://lecturenotes.in/subject/160/transmission-and-distribution-system-tds	18/5/20
18EE43	caacitance of single and 3 ph line - unsymmetrical spacing			vtu e notes	19/5/20
	double circuit and transposed line		https://youtu.be/lU3Q6_DWnV4		20/5/20
					25/5/20