



BACHELOR OF ENGINEERING - VIDEO LECTURES



Compiled by
Government Engineering Colleges

Affiliated to Anna University, Chennai

Bodinayakkanur - Theni, Srirangam - Trichy, Dharmapuri, Tirunelveli, Sengipatti - Tanjore, Vellore

Under the guidance of

Shri. K. VIVEKANANDAN, I.A.S.

Commissioner of Technical Education

DIRECTORATE OF TECHNICAL EDUCATION

GUINDY, CHENNAI - 600025









Directorate of Technical Education
Tamil Nadu

**DEPARTMENT
OF
MATHEMATICS**


ANNA UNIVERSITY AFFILIATED GOVERNMENT ENGINEERING COLLEGES - REGULATION 2017

Directorate of Technical Education, Chennai-600025
NON-TEQIP Government Engineering Collges

MA8151 Engineering Mathematics - I - Video Lecture Topics covered for Semester I (2020-2021)

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
1	GCE DHARMAPURI	Mrs. K. Hemavathi	9788504366	hemakrishnan91@gmail.com	Representation of a function	https://youtu.be/TPMSoBZcXdQ	
		Mrs. K. Hemavathi	9788504366	hemakrishnan91@gmail.com	Limit of a function	https://youtu.be/-kDoMNDivlQ	
2	TPGIT	Mr. R. Neelakandan	8667622318	neelamaths1729@gmail.com	M1 - UNIT 2 - FUNCTIONS OF SEVERAL VARIABLES - PART 1	https://youtu.be/fqXZ2fKL_5c	
		Mr. R. Neelakandan	8667622318	neelamaths1729@gmail.com	M1 - UNIT 2 - FUNCTIONS OF SEVERAL VARIABLES - CONSTRAINED MAXIMA AND MINIMA BY LAGRANGES MULTIPLIERS METHOD	https://youtu.be/XXGg-kAPwgl	
		Mr.P.Elumalai	9629835796	e7hills53@gmail.com	M1 - UNIT 2 - FUNCTIONS OF SEVERAL VARIABLES - JACOBIAN	https://youtu.be/V3Xd6TWWeko	
		Mr. P. Elumalai	9629835796	e7hills53@gmail.com	M1 - UNIT 2 - FUNCTIONS OF SEVERAL VARIABLES - MAXIMA AND MINIMA FOR (X,Y)	https://youtu.be/CD_K00tcatQ	








Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
3	GCE DHARMAPURI	Mr. K. Dhurai	9789057198	dhuraimaths@gmail.com	Basics of integral Calculus	https://youtu.be/51Sg76jWjI	
		Mr. K. Dhurai	9789057198	dhuraimaths@gmail.com	Definite Integrals	https://youtu.be/hyVCYrFmR3A	
		Mr. K. Dhurai	9789057198	dhuraimaths@gmail.com	Properties of Definite Integrals	https://youtu.be/_2NZjflkDDw	
4	GCE TIRUNELVELI	Mrs.E.EsaiArasi	9789134934	esaiarasi.maths@gmail.com	M1-Unit-IV-Multiple Integral-Par	https://youtu.be/3LBGuFeKiYs	
		Mrs.E.EsaiArasi	9789134934	esaiarasi.maths@gmail.com	M1-Unit-IV-Multiple Integral Ch	https://youtu.be/7jHZyR4sp0k	
		Mrs.E.EsaiArasi	9789134934	esaiarasi.maths@gmail.com	M1-Unit-IV-Multiple Integral -An	https://youtu.be/WKRLjx_9nSM	
		Mrs.E.EsaiArasi	9789134934	esaiarasi.maths@gmail.com	M1-Unit-IV-Multiple Integral-Vo	https://youtu.be/iAUHLHUIBII	

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
5	TPGIT	Mr. J. Rex Martin Sahayaraj	8825454539	rex.j.martin@gmail.com	Ordinary Differential Equations	https://youtu.be/P3fi-pYqyoo	








Directorate of Technical Education, Chennai-600025






NON-TEQIP Government Engineering Collges

MA8353 -Transforms and Partial Differential Equations - Video Lecture Topics covered for Semester III (2020-2021)





Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	QR Code
1	GCE SENGIPATTI	Mr. V. Senthil	7010224990	senthilpriyan2017@gmail.com	Formation of PDE by eliminating arbitrary constant	https://youtu.be/y6rhgXOvWrw	
		Mr. V. Senthil	7010224990	senthilpriyan2017@gmail.com	Formation of PDE by eliminating arbitrary functions	https://youtu.be/sr2j8d1T9DM	
2	GCE SRIRANGAM	Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	INTRODUCTION TO FOURIER SERIES	https://youtu.be/OEXeuUi6ntU	
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	FULL RANGE FOURIER SERIES	https://youtu.be/P0bu-BisrMU	
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	FOURIER SERIES FOR ODD AND EVEN FUNCTIONS	https://youtu.be/XupNVC9trSA	
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	HALF RANGE FOURIER SERIES	https://youtu.be/f7BN43IHRi4	
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	COMPLEX FORM OF FOURIER SERIES	https://youtu.be/31k-yniVkg	








Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	QR Code
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	HARMONIC ANALYSIS	https://youtu.be/dEKV2T0Hkxg	
3	GCE BODI	Dr. Mohanarao Navuluri	9843020351	mohanaraonavuluri@gmail.com	(i) Classification of PDE	https://youtu.be/jmxdjqsDyjU	
		Dr. Mohanarao Navuluri	9843020351	mohanaraonavuluri@gmail.com	(ii) Solutions of One Dimensional Wave Equations (Part A)	https://youtu.be/c7mz0LQbh3w	
		Dr. Mohanarao Navuluri	9843020351	mohanaraonavuluri@gmail.com	Solutions of One Dimensional Wave Equations (Part B)	https://youtu.be/HrEha1GiMXI	
		Dr. Mohanarao Navuluri	9843020351	mohanaraonavuluri@gmail.com	(iii) Problems on Vibrating String with Zero initial Velocity (Part-A)	https://youtu.be/OijjDIRcy6I	
		Dr. Mohanarao Navuluri	9843020351	mohanaraonavuluri@gmail.com	Problems on Vibrating String with Zero initial Velocity (Part-B)	https://youtu.be/4eYEIVKpRH8	
		Dr. Mohanarao Navuluri	9843020351	mohanaraonavuluri@gmail.com	iv) Problems on Vibrating String with Non-Zero initial Velocity (Part-A)	https://youtu.be/3FujX0YIORA	








Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	QR Code
		Dr. Mohanarao Navuluri	9843020351	mohanaraonavuluri@gmail.com	Problems on Vibrating String with Non-Zero initial Velocity (Part-B)	https://youtu.be/jsoK8xyvG6l	
4	TPGIT	Mr. D.Babu	9884370436	babudurai15@gmail.com	TPDE - UNIT 4 - FOURIER TRANSFORM - PART 1	https://youtu.be/TITIBn4bQ0I	
		Mr. D.Babu	9884370436	babudurai15@gmail.com	TPDE - UNIT 4 - FOURIER TRANSFORM - PART 2	https://youtu.be/0Fg0rrRxORs	
		Mr. D.Babu	9884370436	babudurai15@gmail.com	TPDE - UNIT 4 - FOURIER TRANSFORM - PART 3	https://youtu.be/MmASMmYZ-XY	
		Mr. D.Babu	9884370436	babudurai15@gmail.com	TPDE - UNIT 4 - FOURIER TRANSFORM - PART 4	https://youtu.be/ZIPBRR9DIxM	
5		Mrs. M.Sutha	9940183754	mathsvideo02@gmail.com	TPDE - UNIT 5 - Z TRANSFORM - PART 1	https://youtu.be/x1dKF5m1fj8	
		Mrs. M.Sutha	9940183754	mathsvideo02@gmail.com	TPDE - UNIT 5 - Z TRANSFORM - PART 2	https://youtu.be/CgkKSZpKI5U	








Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	QR Code
		Mrs. M.Sutha	9940183754	mathsvideo02@gmail.com	TPDE - UNIT 5 - Z TRANSFORM - PART 3	https://youtu.be/7IS6mR0eRtg	
		Mrs. M.Sutha	9940183754	mathsvideo02@gmail.com	TPDE-UNIT5- INVERSE Z TRANSFORM USING PARTIAL FRACTION METHOD	https://youtu.be/382MupOVrhU	
		Mrs. M.Sutha	9940183754	mathsvideo02@gmail.com	TPDE-UNIT5- INVERSE Z TRANSFORM USING RESIDUE THEOREM	https://youtu.be/lzmDv4BZrYI	
		Mrs. M.Sutha	9940183754	mathsvideo02@gmail.com	TPDE-UNIT5- INVERSE Z TRANSFORM USING CONVOLUTION THEOREM	https://youtu.be/hnjonYWL-78	
		Mrs. M.Sutha	9940183754	mathsvideo02@gmail.com	TPDE-UNIT5- SOLUTION OF DIFFERENCE EQUATION USING Z TRANSFORM	https://youtu.be/JCGmy_L5edg	



Directorate of Technical Education, Chennai-600025
NON-TEQIP Government Engineering Collges
MA8352 Linear Algebra & PDE - Video Lecture Topics covered for Semester III (2020-2021)

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
1	GCE-Dharmapuri	Dr. N. Karimilla Bi	9445357125	karimilla.riasm@gmail.com	Introduction to vectorspaces	https://www.youtube.com/watch?v=guoud0MpnkQ&t=8s	
		Dr. N. Karimilla Bi	9445357125	karimilla.riasm@gmail.com	Vectorspaces	https://www.youtube.com/watch?v=90ws4nwgFmQ&t=15s	
		Dr. N. Karimilla Bi	9445357125	karimilla.riasm@gmail.com	Subspaces	https://www.youtube.com/watch?v=UNA-3Z8KX8w&t=10s	
		Dr. N. Karimilla Bi	9445357125	karimilla.riasm@gmail.com	Linear Combinations	https://www.youtube.com/watch?v=Eom6wL9K6qU&t=10s	
2	GCE- SRIRANGAM	Mr. K. KARTHIK VENDHAN	9894703201	vendhan1212@gmail.com	Introduction to Linear Transformation with an example and non-example problem.	https://youtu.be/-QLD0pBDfi0	
		Mr. K. KARTHIK VENDHAN	9894703201	vendhan1212@gmail.com	Finding Linear Transformation when inputs and outputs are given.	https://youtu.be/xvDIAGgVoHo	
		Mr. K. KARTHIK VENDHAN	9894703201	vendhan1212@gmail.com	Procedure for finding Matrix of a Linear Transformation and an example problem is explained in detail.	https://youtu.be/ttY-0Or1mok	

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
		Mr. K. KARTHIK VENDHAN	9894703201	vendhan1212@gmail.com	Problems on finding Matrix of Linear Transformation in a short and crisper way.	https://youtu.be/3YGownx64M8	
		Mr. K. KARTHIK VENDHAN	9894703201	vendhan1212@gmail.com	Definition and examples of functions, 1-1 functions, onto functions are discussed.	https://youtu.be/aZkfW5SasV4	
		Mr. K. KARTHIK VENDHAN	9894703201	vendhan1212@gmail.com	Definition of Range Space and Null space, Important results on Rank T, Nullity T are discussed	https://youtu.be/oyMGnWYpMtY	
3	GCE - Bodinayakkanur	Dr. R. PANDIYARAJ	9080705561	panrajmaths@gmail.com	Inner Product Space - Lecture 1	https://youtu.be/LGCzPexbAx8	
					Inner Product Space - Lecture 2	https://youtu.be/6zwNtitnwUc	
					Inner Product Space - Lecture 3	https://youtu.be/dIX87qS_4lk	
					Inner Product Space - Lecture 4	https://youtu.be/UxPWWIjA2yk	








Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
					Inner Product Space - Lecture 5	https://youtu.be/3GVc7p-Y2go	
4	GCE - Thanjavur	Mr.V.Senthil	7010224990	senthilpriyan2017@gmail.com	Formation of PDE	https://youtu.be/y6rhgXOvWrw	
		Mr.V.Senthil	7010224990	senthilpriyan2017@gmail.com	Eliminating arbitrary functions	https://youtu.be/sr2I8d1T9DM	
5	GCE SRIRANGAM	Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	INTRODUCTION TO FOURIER SERIES	https://youtu.be/OEXeuUi6ntU	
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	FULL RANGE FOURIER SERIES	https://youtu.be/P0bu-BisrMU	
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	FOURIER SERIES FOR ODD AND EVEN FUNCTIONS	https://youtu.be/XupNVC9trSA	
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	HALF RANGE FOURIER SERIES	https://youtu.be/f7BN43IHRi4	

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	COMPLEX FORM OF FOURIER SERIES	https://youtu.be/31k-ynIVkg	
		Ms. M. Vaishnavi	9003266459	vaishnavimath@gmail.com	HARMONIC ANALYSIS	https://youtu.be/dEKV2T0Hkxg	
	GCE BODI	Dr. Mohanarao Navuluri	9843020351	moharanaonavuluri@gmail.com	(i) Classification of PDE	https://youtu.be/jmxdjqsDyiU	
		Dr. Mohanarao Navuluri	9843020351	moharanaonavuluri@gmail.com	(ii) Solutions of One Dimensional Wave Equations (Part A)	https://youtu.be/c7mz0LQbh3w	
		Dr. Mohanarao Navuluri	9843020351	moharanaonavuluri@gmail.com	Solutions of One Dimensional Wave Equations (Part B)	https://youtu.be/HrEha1GjMXI	
		Dr. Mohanarao Navuluri	9843020351	moharanaonavuluri@gmail.com	(iii) Problems on Vibrating String with Zero initial Velocity (Part-A)	https://youtu.be/OiijDIRcy6I	
		Dr. Mohanarao Navuluri	9843020351	moharanaonavuluri@gmail.com	Problems on Vibrating String with Zero initial Velocity (Part-B)	https://youtu.be/4eYEIVKpRH8	








Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
		Dr. Mohanarao Navuluri	9843020351	mohanaraonavuluri@gmail.com	iv) Problems on Vibrating String with Non-Zero initial Velocity (Part-A)	https://youtu.be/3FujX0YIQRA	
		Dr. Mohanarao Navuluri	9843020351	mohanaraonavuluri@gmail.com	Problems on Vibrating String with Non-Zero initial Velocity (Part-B)	https://youtu.be/jsoK8xyvG6I	








Directorate of Technical Education, Chennai-600025
NON-TEQIP Government Engineering Collges
MA8351 Discrete Mathematics - Video Lecture Topics covered for Semester III (2020-2021)


Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
1	GCE - Thanjavur	Mrs.A. Nirmala	8838312107	nirmalamaths.try@gmail.com	Sec-1 Propositions	https://youtu.be/aAzAGb7gBZU	
		Mrs.A. Nirmala	8838312107	nirmalamaths.try@gmail.com	Sec-2 Logical equivalences and tautological implications	https://youtu.be/ofgUwpEtCak	
		Mrs.A. Nirmala	8838312107	nirmalamaths.try@gmail.com	Sec-3 Normal forms	https://youtu.be/6XaNuBSCDIU	
		Mrs.A. Nirmala	8838312107	nirmalamaths.try@gmail.com	Sec-4 Principal normal forms	https://youtu.be/pHVxedcjbhY	
		Mrs.A. Nirmala	8838312107	nirmalamaths.try@gmail.com	Sec-5 Theory of Inference	https://youtu.be/d4orOa1GHVU	
		Mrs.A. Nirmala	8838312107	nirmalamaths.try@gmail.com	Sec-6 The Predicate Calculus	https://youtu.be/qxakwYLLsc	
		Mrs.A. Nirmala	8838312107	nirmalamaths.try@gmail.com	Sec-7 The theory of Inference for Predicate Calculus	https://youtu.be/mr1qKFLiReo	

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
2	GCE - Bodinayakkanur	Dr. K. KARUPPIAH	9788443880	karuppiahmaths@gmail.com	Mathematical Induction	https://youtu.be/1j4B7cSMsa0	
					Strong Induction	https://youtu.be/07sVYsmgWXw	
					Pigeonhole Principle	https://youtu.be/SbLBBMMB25E	
					Recurrence Relation - Part 1	https://youtu.be/48pMMretU9s	
					Recurrence Relation - Part 2	https://youtu.be/0oa4K8E2iQo	
					Recurrence Relation - Part 3	https://youtu.be/l-OYidrhEm8	
					Generating Function	https://youtu.be/YIQkxz6PJFc	








Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
					Generating Function - Problem 1	https://youtu.be/ZfnIW4-V5qs	
					Generating Function - Problem 2	https://youtu.be/o3mVe_wo_iw	
3	GCE TIRUNELVELI	Dr. J. John	9443182642	john@gcetly.ac.in	M3-Unit-III-Graphs	https://youtu.be/CrAczi3KDeg	
4	GCE TIRUNELVELI	Dr. J. Rajakumar	8220375749	rajakumar@gcetly.ac.in	Algebraic system	https://www.youtube.com/watch?v=RnYVgXs733g&feature=youtu.be	
		Dr. J. Rajakumar	8220375749	rajakumar@gcetly.ac.in	Groups and Lagrange Theorem	https://www.youtube.com/watch?v=F95eUZRgbl0&feature=youtu.be	
		Dr. J. Rajakumar	8220375749	rajakumar@gcetly.ac.in	Normal subgroup	https://www.youtube.com/watch?v=ryY5QN1VQxl&feature=youtu.be	
		Dr. J. Rajakumar	8220375749	rajakumar@gcetly.ac.in	Fields	https://www.youtube.com/watch?v=C8Fms18-cHE&feature=youtu.be	

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
5	GCE-Srirangam	Mr. K.BALAMURUGAN	9952750317	kbalamuruganmaths@gces.edu.in	Discrete Mathematics - Video Lecture 1	https://youtu.be/bedOJsm7_eY	
					Discrete Mathematics - Video Lecture 2	https://youtu.be/F612j9uoErY	
					Discrete Mathematics - Video Lecture 3	https://youtu.be/NDsaAf75WEI	
					Discrete Mathematics - Video Lecture 4	https://youtu.be/Y92scgB3AYs	
					Discrete Mathematics - Video Lecture 5	https://youtu.be/ly0Npz8ho8M	
					Discrete Mathematics - Video Lecture 6	https://youtu.be/TSfij6mchEQ	
					Discrete Mathematics - Video lecture 7	https://youtu.be/9zzIGNQ0g6A	


Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
					Discrete Mathematics -Video lecture 8	https://youtu.be/u3LfLQF06c	
					Discrete Mathematics -Video lecture 9	https://youtu.be/BMngCgADeyM	
					Discrete Mathematics -Video lecture 10	https://youtu.be/H6bDRPwYeP8	
					Discrete Mathematics -Video lecture 11	https://youtu.be/guoFEwvfl0k	
					Discrete Mathematics -Video lecture 12	https://youtu.be/D6HtDFoOAqg	
					Discrete Mathematics -Video lecture 13	https://youtu.be/4BLyxZlVvFg	
					Discrete Mathematics -Video lecture 14	https://youtu.be/jpapBUxHH4E	




Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
					Discrete Mathematics -Video lecture 15	https://youtu.be/n07g3Sfq4fQ	

Directorate of Technical Education, Chennai-600025
NON-TEQIP Government Engineering Collges
MA8551 Algebra & Number Theory - Video Lecture Topics covered for Semester V (2020-2021)

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
1	GCE - Thanjavur	Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Groups - Part 1	https://youtu.be/h6-GD0PMVTM	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Groups - Part 2	https://youtu.be/PgdI1-k2wDU	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Subgroups	https://youtu.be/iIhIC5pqLc	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Symmetric groups and Direct Product	https://youtu.be/kH7rjibL01M	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Cosets and Lagrange's Theorem	https://youtu.be/aDVvkK4kCmg	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Group homomorphism and Isomorphism	https://youtu.be/NErZJK17tsw	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Cyclic Groups	https://youtu.be/Irnhn0rxvVc	

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Certain theorems on Cyclic groups	https://youtu.be/iRiU6xzR5oc	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Ring structures - definitions and examples	https://youtu.be/vY2lj8urHWw	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Theorems on properties of ring, field and integral domain	https://youtu.be/lIbIB3XyIVl	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Subrings and Ideals	https://youtu.be/lOzWxX0xaxE	
		Mrs. R. Uma	8248736292	umaramachandran26@gmail.com	Integer modulo n	https://youtu.be/_7xd1dYJmU8	
		Mrs.K.Vidya	9994839169	vidya1089@gmail.com	Ring homomorphism and Isomorphism	https://youtu.be/Ccz1ddEmB9s	
2	GCE SRIRANGAM	Mr. P. MANIVANNAN	8667810852	manivannanmaths@gces.edu.in	Lecture 1 # Recall the definitions of Ring, Commutative ring, Integral domain, Field, Polynomials and etc. Definition of Polynomials in a Ring.	https://youtu.be/SyDrdWG9BIA	
		Mr. P. MANIVANNAN	8667810852	manivannanmaths@gces.edu.in	Lecture 2 # Theorem : $(R, +, \cdot)$ is Polynomial Ring	https://youtu.be/IRR-1ljG4oo	

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
		Mr. P. MANIVANNAN	8667810852	manivannanmaths@gces.edu.in	Lecture 3 # Corollaries of Polynomial Ring and Theorem on Product of two Polynomials	https://youtu.be/iHdQo2H1G3g	
		Mr. P. MANIVANNAN	8667810852	manivannanmaths@gces.edu.in	Lecture 4 # Roots of a Polynomials	https://youtu.be/2dG6thU7XVM	
		Mr. P. MANIVANNAN	8667810852	manivannanmaths@gces.edu.in	Lecture 5 # Divisor(Factor) of a Polynomials, Division algorithm, Remainder Theorem, and Factor Theorem	https://youtu.be/fI53BiqVy7s	
		Mr. P. MANIVANNAN	8667810852	manivannanmaths@gces.edu.in	Lecture : 6 Irreducible Polynomials and Reducibility Test	https://youtu.be/_JHltQvut4s	
		Mr. P. MANIVANNAN	8667810852	manivannanmaths@gces.edu.in	Lecture : 7 GCD and Euclidean Algorithm for Polynomials	https://youtu.be/jvtKu1QuiqQ	
		Mr. P. MANIVANNAN	8667810852	manivannanmaths@gces.edu.in	Lecture : 8 Congruence Relations in $F[x]$ and Problems	https://youtu.be/Tkxmo4--a5g	
		Mr. P. MANIVANNAN	8667810852	manivannanmaths@gces.edu.in	Lecture : 9 Characteristic of a Ring and Theorem on finite field	https://youtu.be/s1FXtxlTzWU	
3	GCE-Dharmapuri	Dr. V. KARTHIKEYAN	9489447287	vkarthikau@gmail.com	Princ. of mathematical induction	https://youtu.be/X13PBpgxiN0	

Unit No.	College Name	Faculty Name	Mobile Number	Faculty email_ID	Video Lecture Topic	Video Lecture Link	VL QR Code
		Dr. V. KARTHIKEYAN	9489447287	vkarthikau@gmail.com	prime and composite number	https://youtu.be/AlI62xH13VA	
		Dr. V. KARTHIKEYAN	9489447287	vkarthikau@gmail.com	Fundamental theo. of arithmetic	https://youtu.be/Tqt-2eC7744	
		Dr. V. KARTHIKEYAN	9489447287	vkarthikau@gmail.com	Euclidean Algorithm	https://youtu.be/hT4YZIVhNvg	
4	GCE TIRUNELVELI	Dr. J. Rajakumar	8220375749	rajakumar@gcely.ac.in	Linear Diophantine equations	https://www.youtube.com/watch?v=UZTRXod6DgE&feature=youtu.be	
		Dr. J. Rajakumar	8220375749	rajakumar@gcely.ac.in	Congruence modulo	https://www.youtube.com/watch?v=g7xBWbZ6jy0&feature=youtu.be	
		Dr. J. Rajakumar	8220375749	rajakumar@gcely.ac.in	Divisibility Tests	https://www.youtube.com/watch?v=qKyG-UEBM	
		Dr. J. Rajakumar	8220375749	rajakumar@gcely.ac.in	Modular exponentiation	https://www.youtube.com/watch?v=F6UnU7ZQ07Q&feature=youtu.be	
		Dr. J. Rajakumar	8220375749	rajakumar@gcely.ac.in	Chinese remainder theorem	https://www.youtube.com/watch?v=ldu100a-Uuo&feature=youtu.be	

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		Dr. J. Rajakumar	8220375749	rajakumar@gcely.ac.in	2×2 system of linear congruence	https://www.youtube.com/watch?v=etd_aQZBbyw&feature=youtu.be	
5	GCE BODI	Dr. R. Pandiya Raj	8870782541	panrajmaths@gmail.com	Algebra and Number Theory, Unit 5 Lecture 1	https://www.youtube.com/watch?v=gxQlvC-a05c&t=59s	
		Dr. R. Pandiya Raj	8870782541	panrajmaths@gmail.com	Algebra and Number Theory, Unit 5 Lecture 2	https://www.youtube.com/watch?v=6PF-qGnY-Bo&t=1052s	
		Dr. R. Pandiya Raj	8870782541	panrajmaths@gmail.com	Algebra and Number Theory, Unit 5 Lecture 3	https://www.youtube.com/watch?v=OY32aEMv2-Y&t=19s	
		Dr. R. Pandiya Raj	8870782541	panrajmaths@gmail.com	Algebra and Number Theory, Unit 5 Lecture 4	https://www.youtube.com/watch?v=mLgvNWJFV-Ck&t=20s	
		Dr. R. Pandiya Raj	8870782541	panrajmaths@gmail.com	Algebra and Number Theory, Unit 5 Lecture 5	https://www.youtube.com/watch?v=3tYVaAmnq1g	
		Dr. R. Pandiya Raj	8870782541	panrajmaths@gmail.com	Algebra and Number Theory, Unit 5 Lecture 6	https://www.youtube.com/watch?v=JaLKPegkrl&t=489s	