

GIRRAJ GOVT. COLLEGE(A) ,NIZAMABAD
DEPT. OF MATHEMATICS

LIST OF YOUTUBE LESSONS OF THE DEPARTMENT

S.NO	NAME OF THE LECTURER	SEME STER	NAME OF THE TOPIC	YOUTUBE LINK
1	T. BHOJADAS	II	Exact differential equations Homogeneous Method	https://youtu.be/SUWHCASNVrg
2	T. BHOJADAS	II	Theorem on Homogeneous differential equations	https://youtu.be/GtkDqnK7zS8
3	T. BHOJADAS	II	Problems on $xf(xy)dx+xg(xy)dy=0$	https://youtu.be/c2MrJ4mdRlk
4	T. BHOJADAS	II	Theorem on $xf(xy)dx+xg(xy)dy=0$	https://youtu.be/Hzv0xrqHly0
5	T. BHOJADAS	II	Problems and Theorems on Exact differential equations	https://youtu.be/PV6Gho3kjZI
6	T. BHOJADAS	II	Problems and Theorems on Exact differential equations	https://youtu.be/7lz1Q1p9dys
7	T. BHOJADAS	II	Inspection Method and Total differentiation	https://youtu.be/tdZ46mrz9b8
8	T. BHOJADAS	II	Total differential equations	https://youtu.be/kojVtH9yTKk
9	T. BHOJADAS	II	Total differential equations	https://youtu.be/AYNkb5bPU7Q
10	T. BHOJADAS	II	Total differential equations	https://youtu.be/IdojZxz3z7k
11	T. BHOJADAS	II	Simultaneous Total differential Equations	https://youtu.be/ToUvZ3B--SM
12	T. BHOJADAS	II	Simultaneous Total differential Equations	https://youtu.be/46TYpSBqegg
13	T. BHOJADAS	II	Solvable for P Problems	https://youtu.be/Wq3PBbwmsoY
14	T. BHOJADAS	II	Solvable for P Problems	https://youtu.be/I4h2xMQfkvI
15	T. BHOJADAS	II	Solvable for x and y Problems	https://youtu.be/IW8h0L1UxhM
16	T. BHOJADAS	II	Solvable for x and y Problems	https://youtu.be/NA7sBZ4XpUc
17	T. BHOJADAS	II	Clairauts equations	https://youtu.be/BnEPjHzVFjg
18	T. BHOJADAS	II	Orthogonal trajectories	https://youtu.be/1wYAWIPfUTk
19	T. BHOJADAS	II	Orthogonal trajectories	https://youtu.be/0R-d48p_t70
20	T. BHOJADAS	IV	Cyclic groups	https://youtu.be/anZ80a4SYM8
21	T. BHOJADAS	II	Orthogonal trajectories	https://youtu.be/6oYfM2hHQG8
22	K GANGADHAR	II	DE - VARIABLE SEPERABLE METHOD	https://youtu.be/C0-ErwoC-bo

23	K GANGADHAR	III	PROBLEMS ON LIMIT AND CONVTG OF SEQ	https://youtu.be/cj8FpgZ_muk
24	K GANGADHAR	III	PROBLEMS ON MONO SEQ AND CAUCHY SEQ	https://youtu.be/sDhbMikLfgw
25	K GANGADHAR	II	HOMO & NON HOMO DE	https://youtu.be/OTfidGxh6NI
26	K GANGADHAR	II	LINEAR DE	https://youtu.be/IVIDzH1VxL4
27	K GANGADHAR	II	TOTAL DE	https://youtu.be/ww462DS9weU
28	K GANGADHAR	VI	LEGRANGE INTERPOLATION	https://youtu.be/eKtQFyZ0SI8
29	K GANGADHAR	II	ORTHOGONAL TRAJECTORY	https://youtu.be/AMMpB55QEDw
30	K GANGADHAR	VI	NEVILLES METHOD	https://youtu.be/DE4hecoM4O0
31	K GANGADHAR	II	DE SOLVABLE FOR P	https://youtu.be/sllnZTAK9dE
32	K GANGADHAR	II	DE SOLVABLE FOR X	https://youtu.be/1faS9ZuZsl
33	K GANGADHAR	VI	NEWTON DIVIDED DIFFERANCE FORMULA	https://youtu.be/LsKifXA0u6Y
34	K GANGADHAR	II	DE SOLVABLE FOR Y AND CLAIRAUTS EQUATION	https://youtu.be/ztPg7FhLEGk
35	K GANGADHAR	VI	INTERPOLATION - FINITE DIFFERENCES	https://youtu.be/0hXE-16kTIO
36	K GANGADHAR	VI	DERIVATION OF NFF & NBF	https://youtu.be/Q0DCtg8yzyY
37	K GANGADHAR	II	HIGHER ORDER LDE	https://youtu.be/9K5LJhNz7tc
38	K GANGADHAR	II	NON HOMO LDE & PI OF $Q(x)=e^{ax}$	https://youtu.be/Hxn7F2tk_fg
39	K GANGADHAR	VI	PROBLEMS ON NFF & NBF	https://youtu.be/wiXtbzfn-iY
40	K GANGADHAR	II	PI OF $Q(x)=\sin x$ OR $\cos x$	https://youtu.be/8w8E5BgP9Mc
41	K GANGADHAR	VI	STRILINGS FORMULA	https://youtu.be/XHAMEAqP35o
42	K GANGADHAR	II	PI OF $Q(x)=x^k$	https://youtu.be/HARns_FH6UQ
43	CH. PANDARI	IV	Permutations-Transpositions	https://youtu.be/o9G9tdRv5ro
44	CH. PANDARI	II	Method of undetermined Coefficients case (i) problems part 2	https://youtu.be/vSqBDDadEAo
45	CH. PANDARI	IV	Permutations	https://youtu.be/cLS5moS5ycU
46	CH. PANDARI	IV	Cyclic Permutations	https://youtu.be/jAKDGr8dgp0
47	CH. PANDARI	IV	Cosets Def and examples	https://youtu.be/ExiXDrCETzI
48	CH. PANDARI	IV	Properties of Cosets and Legrange's theorem	https://youtu.be/cItNRaFm4QM
49	CH. PANDARI	IV	Applications of Legrange's theorem and Fermat's little theorem	https://youtu.be/oA76q462zak
50	CH. PANDARI	IV	Normal Subgroups	https://youtu.be/nD5IJVCiWZg
51	CH. PANDARI	IV	Factor Groups	https://youtu.be/lrbv8WRK-PM
52	CH. PANDARI	IV	Factor group and its	https://youtu.be/VZFC_rBnZ9M

			Problems	
53	CH. PANDARI	IV	Homomorphisms	https://youtu.be/n7C6XwThbb8
54	CH. PANDARI	IV	Homomorphism - Problems	https://youtu.be/PNA8rCQbUv4
55	CH. PANDARI	II	Non Homogenous LDE	https://youtu.be/9Y8XWECC7J0
56	CH. PANDARI	II	Non Homogenous LDE - $Q(x) = x^m$ Problems	https://youtu.be/hpoCs0M-J-o
57	CH. PANDARI	II	Non Homogenous LDE - $Q(x) = e^{(ax)} \times V$	https://youtu.be/BhwgWuSCtBM
58	CH. PANDARI	II	Non Homogenous LDE $Q(x)$ $= e^{(ax)} \times V$ Problems	https://youtu.be/2sXLAAQ8asY
59	CH. PANDARI	II	Non Homogenous LDE - $Q(x) = x^m \times \sin ax$ (or) $x^m \times \cos ax$	https://youtu.be/a8vfB5F-7zU
60	CH. PANDARI	II	Non Homogenous LDE $Q(x) = x^m \times \sin ax$ (or) $x^m \times \cos ax$ problems	https://youtu.be/z2MZB-o6lUg
61	CH. PANDARI	II	Non Homogenous LDE - Some Problems	https://youtu.be/6jgbuGKuycQ
62	CH. PANDARI	II	Method of Undetermined Coefficients - Case (i)	https://youtu.be/mKBWTuhIZ8k
63	CH. PANDARI	II	Method of Undetermined Coefficients cas(i) problems	https://youtu.be/y_ROEbqNQ_w
64	MOHD BADRUDDIN	VI	Newtons DDF	https://youtu.be/uTLfy2oqlgs
65	MOHD BADRUDDIN	VI	Neville's Method	https://youtu.be/vvFrKnhAbWc
66	MOHD BADRUDDIN	IV	Groups	https://youtu.be/5eXdt566JkI
67	MOHD BADRUDDIN	IV	Elementary Properties of Group	https://youtu.be/0jNMSeXZnRo
68	MOHD BADRUDDIN	IV	Order of Group	https://youtu.be/W3X9B_g2Upg
69	MOHD BADRUDDIN	IV	Order of Group and its elements	https://youtu.be/MTqf3XV1cPQ
70	MOHD BADRUDDIN	IV	Subgroup	https://youtu.be/7-qo5dAaQn0