

Dayanand Science College Latur

E-Content (Video Lectures)

Mathematics

Class: M. Sc. II Year (Sem-III)

Name of Paper: Integral Transforms

Sub: Mathematics

Paper No: XVII (A)

SRTMUN, SPPU, MU, KUD, AMU, BAMU, NMU, SGBAU etc. Universities

Curriculums

Links of Video Lectures for UG, PG: Dr. Sidheshwar Bellale

Director, Mathematics Research Centre, DSC Latur

Sr. No.	Name of Units / Articles	Video Lecture Link
	Unit-I, II,III,IV	https://www.youtube.com/watch?v=6L4ydCmADyo&list=PL7TANb4Sj71rCUA7ZzBY41Sj0L398ObOE&index=3&t=64s
I	Unit-I All	
1	Syllabus Integral Transform	https://youtu.be/6L4ydCmADyo
2	Laplace Transform	https://youtu.be/FOMgfz4d2sg
3	Laplace Transform of Elementary Functions	https://youtu.be/_aQXqnAIf24
4	Laplace Transform of Typical Functions	https://youtu.be/Rkpt5Ey-eQc
5	Basic Operational Properties	https://youtu.be/u56dslrjPyE
6	Laplace Transform of Elementary Functions	https://youtu.be/ZFgqr_zozOY
7	Differentiation and Integration on Transform	https://youtu.be/0F0kmv04mXM
8	Examples on Laplace Transform	https://youtu.be/s0UJg7b1eO0
9	Examples on Laplace Transform	https://youtu.be/HNv-x1jG3sc
10	Laplace Transform of Periodic Function	https://youtu.be/IrnKbv7aWgs
11	Transforms of more complicated functions,	https://youtu.be/5BCiNMBmdY8
12	The inverse Laplace Transform	https://youtu.be/g6hp0VWnYGE
13	Examples on the inverse Laplace Transform,	https://youtu.be/BbbVshfts0M
14	Examples on Inverse Laplace Transform	https://youtu.be/6Uz8CT-vdB0
15	Complex Inversion Formula	https://youtu.be/2bYuBmhxk0Q
16	Additional Topics on Laplace transform	https://youtu.be/DsJrzQ57B0U
	Unit-I	
18		
19		
20		

	Basics for Perfection in Mathematics	
1	Ordinary Differential Equation	https://www.youtube.com/playlist?list=PL7TANb4Sj71pwJLWD_gsSURI_83NFYUEr
2	Partial Differential Equation	https://www.youtube.com/playlist?list=PL7TANb4Sj71qs0pLM8ZrJpdzNVFS9azVc
3	Classical Mechanics	https://www.youtube.com/playlist?list=PL7TANb4Sj71r5Z2T4xqWyMbfUgAwHpcwk
4	Analytical Number Theory	https://www.youtube.com/playlist?list=PL7TANb4Sj71rfdhIE95X4LQDiEQUsex3W
5	For All Lectures Visit	https://www.youtube.com/channel/UC25Hwz1jT_gwAJU4YEiO6Rg
6	Basics for Real Analysis	https://www.youtube.com/playlist?list=PL7TANb4Sj71okEsD3aX8ABnhxX5XfwXcU
7	LIVE LECTURES	https://www.youtube.com/channel/UC25Hwz1jT_gwAJU4YEiO6Rg/live
8	For Updated Quality Video Links Register/ Visit	https://www.youtube.com/channel/UC25Hwz1jT_gwAJU4YEiO6Rg