



**ZEAL EDUCATION SOCIETY'S
ZEAL COLLEGE OF ENGINEERING AND
RESEARCH
NARHE | PUNE -41 | INDIA**



**Department of Engineering Science
E-Content Link**

Sr. No.	Name of Unit	Unit	Topic	link
1	Introduction to Engineering Mathematics-I	I	Introduction to Engineering Mathematics-I	https://youtu.be/eI9XLOXx-oo
2	Differential Calculus	I	Rolle's Theorem	https://youtu.be/EIEx1ZoxOec
3	Differential Calculus	I	Lagrange's and Cauchy's Mean Value Theorem	https://youtu.be/CNyX_phuxXs
4	Differential Calculus	I	Taylor's and Maclaurin's Series	https://youtu.be/5wxfuRur_hQ
5	Differential Calculus	I	Indeterminate Forms	https://youtu.be/-uEtwZIWhKo
6	Fourier Series	II	Fourier Series Full range	https://youtu.be/RxZ4WSXaTWI
7	Partial Differentiation	III	Partial Differentiation_lecture-1	https://youtu.be/s8TGbLIE5eE
8	Partial Differentiation	III	Partial Differentiation_lecture-2	https://youtu.be/QJ4mPSZIOec
9	Partial Differentiation	III	Partial Derivatives Composite Function and Variables treated to be constant	https://youtu.be/INiqtgCaAm4
10	Applications of Partial Differentiation	IV	Partial derivatives using Jacobians	https://youtu.be/x2QhF7f48k4
11	Applications of Partial Differentiation	IV	Errors and Approximations	https://youtu.be/F6UhQ0wws3A
12	Applications of Partial Differentiation	IV	Maxima and Minima of two variables	https://youtu.be/vZ1WPOZKJOW
13	Linear Algebra	V	Rank of a Matrix	https://youtu.be/9rehuAyVWiw

