Balasaheb Desai College, Patan

Annual Teaching Plan 2023-24

Name of Faculty: Dr. D. R. Phadatare

Sr. No.	Month	Class	Name of unit/subunit
1	July	B. Sc. I	Differential equations of first order & first degree
		B. Sc. II	Cauchy Euler differential equation
		B. Sc. III	Network optimization models
2	Aug	B. Sc. I	Differential equations of first order & first degree its applications & Linear D. E. with constant coefficients
		B. Sc. II	Second order linear differential equation, Ordinary & Total Differential Equations
		B. Sc. III	Quantitative Techniques
3	Sept	B. Sc. I	Successive Differentiation & Mean Value theorems
		B. Sc. II	Solutions of algebraic and transcendental equations
		B. Sc. III	Laplace Transform & Inverse L. T.
4	Oct	B. Sc. I	Limit & continuity
		B. Sc. II	Interpolation & Numerical solutions of ODE.
		B. Sc. III	Fourier Transform
5	Dec	B. Sc. I	Partial differentiation
		B. Sc. II	Differential Operators
		B. Sc. III	Analytic function & Complex integration
6	Jan	B. Sc. I	Extreme Values & Jacobians
		B. Sc. II	Integral Transformations & Gamma & Beta functions
		B. Sc. III	Sequence, Series and Residue Calculus, Mathematical Logic
7	Feb	B. Sc. I	Functions & Divisibility & Complex numbers
		B. Sc. II	Error function & Multiple Integrals
		B. Sc. III	Graphs & Trees
8	March	B. Sc. I	Annual Practical examination
		B. Sc. II	Annual Practical examination
		B. Sc. III	Annual Practical examination

Head
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