

Complementary Course Outcome

Mathematics

Sl No	Name of the paper	Course outcome
1	Mathematics 1	<ul style="list-style-type: none">• Lays the foundation of limits and continuity, derivatives• Explain application of derivatives, integration
2	Mathematics 2	<ul style="list-style-type: none">• Introduces hyperbolic functions• Introduces applications of integrals and improper integrals• Introduces infinite series• Introduces polar coordinates• Introduces multivariable functions and partial derivatives
3	Mathematics 3	<ul style="list-style-type: none">• Introduces ordinary differential equations• Explain Matrices• Introduces Vector Differential calculus• Introduces vector integral calculus
4	Mathematics 4	<ul style="list-style-type: none">• Introduces Linear differential equations of second and higher order• Introduces Laplace Transforms• Introduces fourier series• Introduces Partial differential equations• Introduces Numerical methods