

E- Content of BMS-01 (By Dr. Harish Chandra)

Unit: 1 (Differential calculus)

Differential Calculus | Maxima and Minima| Partial differentiation| Jacobian| <https://www.youtube.com/playlist?list...>

Unit: II (Matrices)

Matrices <https://www.youtube.com/playlist?list...>

Unit: III (Multiple Integral)

Multiple Integral <https://youtu.be/CDgDHLgaCWk>

Beta and Gamma function <https://www.youtube.com/playlist?list...>

Unit IV (vector Calculus)

Vector Calculus <https://www.youtube.com/playlist?list...>

E- Content of BMS-02

Unit: 1 (Differential Equations)

Linear Differential Equations <https://www.youtube.com/playlist?list...>

Unit: II (Power Series Solution)

Power Series Solution <https://www.youtube.com/playlist?list...>

Bessel's Function <https://www.youtube.com/playlist?list...>

Legendre's Polynomial <https://www.youtube.com/playlist?list...>

Unit: III (Laplace Transform)

Laplace transform <https://www.youtube.com/playlist?list...>

Unit IV (Fourier series and PDE)

Fourier Series <https://www.youtube.com/playlist?list...>

Homogeneous and Non Homogeneous PDE <https://www.youtube.com/playlist?list...>

E- Content of BMS-07

Unit III (Integral Transforms)

Laplace transform <https://www.youtube.com/playlist?list...>

Fourier Transform <https://www.youtube.com/playlist?list...>

Z transform <https://www.youtube.com/playlist?list...>

E- Content of BMS-08

Unit I (Laplace Transforms)

Laplace transform <https://www.youtube.com/playlist?list...>

Unit II (Fourier and Z Transforms)

Fourier Transform <https://www.youtube.com/playlist?list...>

Z transform <https://www.youtube.com/playlist?list...>

Unit III (Partial Differential Equations)

Homogeneous and Non Homogeneous PDE <https://www.youtube.com/playlist?list...>

PDE of order one and degree one <https://www.youtube.com/playlist?list...>

Unit IV (Applications of Partial Differential Equations)

Application of PDE <https://www.youtube.com/playlist?list...>