

MSBTE Video Lectures for First Year Students.

● Applied Maths

<https://msbte.org.in/msbtelectures.html>

- ▶ [DIP_M2_U1_01_Function \(Duration: 29:58\)](#)
- ▶ [DIP_M2_U1_02_Limits \(Duration: 9:56\)](#)
- ▶ [DIP_M2_U1_03_Derivatives_I \(Duration: 39:27\)](#)
- ▶ [DIP_M2_U1_03_Derivatives_II \(Duration: 44:19\)](#)
- ▶ [DIP_M2_U1_03_Derivatives_III \(Duration: 24:42\)](#)
- ▶ [DIP_M2_U1_03_Derivatives_IV \(Duration: 35:35\)](#)
- ▶ [DIP_M2_U1_04_Application_of_Derivatives \(Duration: 47:33\)](#)
- ▶ [DIP_M2_U2_01_Simple_Integration_I \(Duration: 40:56\)](#)
- ▶ [DIP_M2_U2_02_Simple_Integration_II \(Duration: 38:28\)](#)
- ▶ [DIP_M2_U2_03_Methods_Of_Integration_I \(Duration: 37:47\)](#)
- ▶ [DIP_M2_U2_04_Methods_of_Integration_II \(Duration: 38:04\)](#)
- ▶ [DIP_M2_U3_01_Definite_Integration_Simple_Example \(Duration: 30:28\)](#)
- ▶ [DIP_M2_U3_02_Properties_of_Definite_Integral \(Duration: 46:45\)](#)
- ▶ [DIP_M2_U3_03_Area_Under_the_Curve \(Duration: 36:38\)](#)
- ▶ [DIP_M2_U3_04_Area_between_two_Curve \(Duration: 23:02\)](#)
- ▶ [DIP_M2_U3_05_Volume_of_Revolution \(Duration: 21:44\)](#)
- ▶ [DIP_M2_U4_01_Concept_of_Differential \(Duration: 22:54\)](#)
- ▶ [DIP_M2_U4_02_Formation_of_Differential_Equation \(Duration: 34:24\)](#)
- ▶ [DIP_M2_U4_03_Solution_of_Differential_Equation \(Duration: 40:41\)](#)
- ▶ [DIP_M2_U4_04_Application_of_Equations_engg_Problems \(Duration: 31:47\)](#)

● Applied Mechanics

https://msbte.org.in/applied_mechanics.html

- ▶ [DIP_M2_U1_01_Mechanics and force system \(Duration: 30:50\)](#)
- ▶ [DIP_M2_U2_01_Lifting Machines \(Duration: 32:59\)](#)
- ▶ [DIP_ME2_U3_01_Resolution & Composition \(Duration: 46:30\)](#)
- ▶ [DIP_ME2_U3_02-Graphical Method of Composition of Forces \(Duration: 31:08\)](#)
- ▶ [DIP_ME2_04_01_Equilibrium \(Duration: 21:38\)](#)
- ▶ [DIP_ME2_U4_02_Beam \(Duration: 30:13\)](#)
- ▶ [DIP_ME2_U5_Friction \(Duration: 35:33\)](#)
- ▶ [DIP_ME2_U6-Centroid and Centre of Gravity \(Duration: 33:20\)](#)