| Course Number and Name | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BMA101 & Mathematics I | | | | | | | | | | | |

**Credits and Contact Hours**

3 & 60

**Course Coordinator's Name**

Mr.Padmanaban

**Course Objectives**

To make the students learn Mathematics in order to formulate and solve problems effectively in their respective fields of engineering.

| Prerequisites | Co-requisites |
|---|---|
| + 2 level Mathematics | Nil |

| required, elective, or selected elective (as per Table 5-1) |
|---|
| Required |

**Course Outcomes (COs)**

CO1 :Study the fundamentals of mathematics

CO2 :Students learn multiple integral techniques

CO3:Students gain knowledge in application of variables

CO4: Find area and volume based on a function with one or more variables.

CO5: Apply matrix operations to solve relevant real life problems in engineering.

CO6: Formulate a mathematical model for three dimensional objects and solve

**Student Outcomes (SOs) from Criterion 3 covered by this Course**

| COs/SO | a | b | c | d | e | f | g | h | i | j | k | l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CO1 | H | | | | | | | | | | | |
| CO2 | | | M | | H | | | | | | | |
| CO3 | | H | | | | M | | | | | | |
| CO4 | | | | | | | | L | | | | |
| CO5 | | | | | | | H | | | L | | |
| CO6 | | | | | | | | | | | L | |