

Course Number and Name												
BMA 201 & Mathematics – II												
Credits and Contact Hours												
3 & 60												
Course Coordinator's Name												
Mr.Padmanaban												
Text Books and References												
Text Book:												
1. R.M.Kannan and B.Vijayakumar“ Engineering Mathematics–II “2ndEdition, SRB Publication, Chennai 2007.												
2. Bali.N.P and Manish Goyal , “Engineering Mathematics“, 3rdEdition, Laxmi Publications (P) Ltd, 2008.												
3. Grewal .B/S “Higher Engineering Mathematics”, 40thEditon, Khanna Publications, Delhi, 2007												
References :												
1. Ramana.B.V, “Higher Engineering Mathematic“, Tata McGraw Hill Publishing Company, New Delhi, 2007.												
2. Gupta SC, and VK.Kapoor, “Fundamentals Mathematical Statistics”, 11thedition, Sultan Chand Sons, New Delhi, 2014.												
Course Description												
Ability to apply these principles of mathematics in projects and research works.												
Prerequisites						Co-requisites						
Mathematics-I						Nil						
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: Student shall be able to Solve differential equations, simultaneous linear equations, and some special types of linear equations related to engineering.												
CO2: Relate the use of mathematics in applications of various fields namely fluid flow, heat flow, solid mechanics, electrostatics, etc.												
CO3: Ability to test hypothesis												
CO4: Find intensity of degree of relationship between two variables and also bring out regression equations.												
CO5: Understand to solve matrix problems related to real life problems.												
CO6: Formulate mathematical models												
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l
CO1	H		L									
CO2		H				H		L	L		M	
CO3		H				H		L	L		M	
CO4					M						M	
CO5										M	M	
CO6										M	k	
List of Topics Covered												

