

# MANGALORE UNIVERSITY

## Bachelor of Computer Applications (B.C.A.) Degree Programme

### Semester-wise Course List [Choice Based Credit System (CBCS)] (From 2019 Batch onwards)



Fourth Semester B.C.A.							
Group & Course Details		Instruction Hrs./Week	Duration of the Exam	Marks			Credits
				IA	Sem Exam	Total	
Group I : Core Courses							
BCACAC281	Computer Graphics & Animation	04	03	20	80	100	02
BCACAC282	Java Programming	04	03	20	80	100	02
BCACAC283	Data Mining	04	03	20	80	100	02
BCACAC284	CONA						
BCACAC285	Business Statistics & Mathematics						
BCACAP286	Computer Graphics & Animation Lab	04	03	20	80	100	02
BCACAP287	Java Lab	04	03	20	80	100	02
Group II : Elective Courses (Any one)							
BCACOE288	Fundamentals of ICT	02	02	10	40	50	01
BCACOE289	E-Commerce						
Group III : Foundation Courses							
[Compulsory Foundation Courses]							
Language I							
BCAENL281	English Language	04	03	20	80	100	02
Language II (Any one)							
BCAKAL281	Kannada Language	04	03	20	80	100	02
BCAHDL281	Hindi Language						
BCASKL281	Sanskrit Language						
[Elective Foundation Course]							
BCAESF281	Environmental Studies	02	02	10	40	50	01
Group IV : Co-curricular and Extra-curricular Activities							
BCACCE281	Co-curricular and Extra-curricular Activities	02	---	50	---	50	01
Total		36	---	210	640	850	17