

(I / I) B.E. Computer

Course Code	Course Description	Credit Hour	Examination Scheme				
			Internal Assessment		Final		
			Theory	Practical	Theory	Practical	Total
BEG 101 SH	Mathematics	3	20		80		100
BEG 103 SH	Physics	3	20		80	25	125
BEG 105 SH	Communicative English	3	20		80		100
BEG 146 ME	Engg. Drawing	2	10	50		40	100
BEG 148 ME	Workshop Technology	2	10	40			50
BEG 170 CO	Elements & Devices Of Computing Technology	3	20	25	80		125
BEG 175 CO	Computer Programming	4	20	50	80		150
Total Credit Hour		20					

(II) B.E. Computer

Course Code	Course Description	Credit Hour	Examination Scheme					
			Internal Assessment		Final			
			Theory	Practical	Theory	Practical	Total	
BEG102SH	Engg. Math II	3	20		80		100	
BEG104SH	Chemistry	3	20	25	80		125	
BEG123EL	Electrical Engg.	3	20	25	80		125	
BEG158CI	Applied Mechanics	3	20		80		100	
BEG171CO	Digital Logic	3	20	50	80		150	
BEG176CO	Object Oriented Programming	3	20	50	80		150	
Total Credit Hour		18						750

(III) B.E. Computer

Course Code	Course Description	Credit Hour	Examination Scheme					
			Internal Assessment		Final			
			Theory	Practical	Theory	Practical	Total	
BEG270CO	Information System Design	3	20		80		100	
BEG271CO	Computer Org. & Design	3	20	25	80		125	
BEG273CO	Data Structure & Algorithm	3	20	50	80		150	
BEG278CO	Project I	2		20		30	50	
BEG201SH	Mathematics III	3	20		80		100	
BEG230EC	Electronics Devices & Circuits	3	20	25	80		125	
Total Credit Hour		17						650

(IV) B.E. Computer

Course Code	Course Description	Credit Hour	Examination Scheme				
			Internal Assessment		Final		
			Theory	Practical	Theory	Practical	Total
BEG207SH	Applied Sociology	2	10		40		50
BEG232EC	Communication System	3	20	25	80		125
BEG231EC	Microprocessor	3	20	50	80		150
BEG2274CO	Discrete Structure	3	20		80		100
BEG275CO	Free & Open Source Programming	3	20	50	80		150
BEG276CO	Database Management System	3	20	50	80		150
Total Credit Hour		17					725

(V) B.E. Computer

Course Code	Course Description	Credit Hour	Examination Scheme				
			Internal Assessment		Final		
			Theory	Practical	Theory	Practical	Total
BEG371CO	Algorithm Analysis and Design	3	20		80		100
BEG372CO	Computer Graphics	4	20	50	80		150
BEG370CO	Numerical Method	4	20	50	80		150
BEG373CO	Operating System	3	20	50	80		150
BEG374CO	Project II	2	0	20		30	50
BEG396MS	Research Methodology	2	10		40		50
Total Credit Hour		18					650

(VI) B.E. Computer

Course Code	Course Description	Credit Hour	Examination Scheme				
			Internal Assessment		Final		
			Theory	Practical	Theory	Practical	Total
BEG375CO	Computer Network	4	20	50	80		150
BEG395MS	Engineering Economics	3	20		80		100
BEG376CO	Multimedia Computing and Technology	3	20	25	80		125
BEG203SH	Probability and Statistics	3	20		80		100
BEG391MS	Project and Organization Management	2	10		40		50
BEG377CO	Theory of Computation	3	20		80		100
Total Credit Hour		18					625

(VII) B.E. Computer

Course Code	Course Description	Credit Hour	Examination Scheme				
			Internal Assessment		Final		
			Theory	Practical	Theory	Practical	Total
BEG471CO	Artificial Intelligence	3	20	25	80		125
BEG472CO	Software Engineering	3	20		80		100
BEG473CO	Simulation & Modeling	3	20	25	80		125
BEG474CO	Project III	2		20		80	100
BEG475CO	Elective I	3	20	25	80		125
BEG490MS	Entrepreneurship	3	20		80		100
Total Credit Hour		17					675

(VIII) B.E. Computer

Course Code	Course Description	Credit Hour	Examination Scheme				
			Internal Assessment		Final		
			Theory	Practical	Theory	Practical	Total
BEG459CI	Engineering Professional Practice	2	10		40		50
BEG475	Elective-II	3	20	25	80		125
BEG476CO	Data Mining & Warehousing	3	20		80		100
BEG477CO	Cryptography	3	20		80		100
BEG478CO	Advance Computer Architecture	3	20		80		100
BEG479CO	Project IV	6		120		80	200
Total Credit Hour		20					675

Grand Total Credit Hour 145

