

Revised Common Framework of CBCS for Colleges in Andhra Pradesh

B.Sc. (MECS) - SEMESTER – I

Sno	Course	Total Marks	Internal Exam	Sem End Exam	Teaching Hours	Credits
1	First Language English-portal	100	25	75	4	3
2	Second Language (Sanskrit/Telugu/Hindi)	100	25	75	4	3
3	<i>Foundation Course - 1</i> Human Values & Professional Ethics	50	0	50	2	2
4	<i>Foundation course -2</i> Environmental Science	50	0	50	2	2
5	DSC-1 Paper-1 Differential equations	100	25	75	4	3
6	DSC 2 Paper-1 Basic circuit theory (Core)	100	25	75	4	3
7	DSC 2 Paper-1 Basic circuit theory -Practical	50	0	50	2	2
8	DSC 3 Paper-1 Computer fundamentals and Programming in C - Language	100	25	75	4	3
9	DSC 3 Computer fundamentals and Programming in C - Language - Practical	50	0	50	2	2
	Total	700	125	575	28	23

Revised Common Framework of CBCS for Colleges in Andhra Pradesh

W.E.F. 2016-17

B.Sc. (MECS) - SEMESTER – II

Sno	Course	Total Marks	Internal Exam	Sem End Exam	Teaching Hours	Credits
1	First Language English	100	25	75	4	3
2	Second Language (Tel/Hin/Urdu/Sans...)	100	25	75	4	3
3	<i>Foundation course – 3</i> ICT – I Information and Communication Technology - I	50	0	50	2	2
4	<i>Foundation course – 4</i> CSS – I Communication and Soft Skills-I (Skill pro-1)	50	0	50	2	2
5	DSC 1 Paper-2 Solid geometry	100	25	75	4	3
6	DSC 2 Paper-2 Electronic devices and circuits	100	25	75	4	3
7	DSC 2 Lab Practical Electronic devices and circuits - Practical	50	0	50	2	2
8	DSC 3 Paper-2 OOPS using C++ Language	100	25	75	4	3
9	DSC 3 Lab Practical OOPS using C++ Language - Practical	50	0	50	2	2
	Total	700	125	575	28	23

Revised Common Framework of CBCS for Colleges in Andhra Pradesh

W.E.F. 2016-17

B.Sc. (MECS) - SEMESTER – III

Sno	Course	Total Marks	Internal Exam	Sem End Exam	Teaching Hours	Credits
1	First Language English	100	25	75	4	3
2	Second Language (Sanskrit/Telugu/Hindi)	100	25	75	4	3
3	<i>Foundation Course - 5</i> Entrepreneurship	50	0	50	2	2
4	<i>Foundation course- 6</i> CSS – II Communication and Soft Skills-II(Skill pro-2)	50	0	50	2	2
5	DSC 1 Paper-3 Abstract Algebra	100	25	75	4	3
6	DSC 2 Paper-3 Digital Electronics	100	25	75	4	3
7	DSC 2 Paper-3 Digital Electronics - Practical	50	0	50	2	2
8	DSC 3 Paper-3 OOPS using JAVA	100	25	75	4	3
9	DSC 3 Paper-3 OOPS using JAVA - Practical	50	0	50	2	2
	Total	700	125	575	28	23

Revised Common Framework of CBCS for Colleges in Andhra Pradesh

W.E.F. 2016-17

B.Sc. (MECS) - SEMESTER – IV

Sno	Course	Total Marks	Internal Exam	Sem End Exam	Teaching Hours**	Credits
1	Foundation Course – 7 CSS – 3 Communication and Soft Skills-III	50	0	50	2	2
2	Foundation Course – 8 Analytical Skills	50	0	50	2	2
3	Foundation Course - 9 ICT – II Information and Communication Technology - II	50	0	50	2	2
4	Foundation course – 10 Leadership Education	50	0	50	2	2
5	DSC 1 Paper-4 Real Analysis	100	25	75	4	3
6	DSC 2 Paper-4 Analog and Digital IC applications	100	25	75	4	3
7	DSC 2 Lab Practical Analog and Digital IC applications - Practical	50	0	50	2	2
8	DSC 3 Paper-4 Data Structures	100	25	75	4	3
9	DSC 3 Lab Practical Data Structures - Practical	50	0	50	2	2
	Total	600	75	525	24	21

Revised Common Framework of CBCS for Colleges in Andhra Pradesh

W.E.F. 2016-17

B.Sc. (MECS) - SEMESTER – V

Sno	Course	Total Marks	Internal Exam	Sem End Exam	Teaching Hours**	Credits
1	Ring Theory and Vector calculus	100	25	75	4	3
2	Linear Algebra	100	25	75	4	3
3	Micro processor-Intel-8085	100	25	75	4	3
4	Micro processor-Intel-8085 - Practical	50	0	50	2	2
5	Electronic Communications	100	25	75	4	3
6	Electronic Communications - Practical	50	0	50	2	2
7	Data Base Management Systems	100	25	75	4	3
8	Data Base Management Systems - Practical	50	0	50	2	2
9	Software Engineering	100	25	75	4	3
10	Software Engineering - Practical	50	0	50	2	2
	Total	800	150	650	32	26