

**Revised Common Framework of CBCS for Colleges in Andhra Pradesh**

**B.Sc. (MSCS) - SEMESTER – I**

<b>Sno</b>	<b>Course</b>	<b>Total Marks</b>	<b>Internal Exam</b>	<b>Sem End Exam</b>	<b>Teaching Hours</b>	<b>Credits</b>
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 Descriptive statistics and probability (Core)	100	25	75	4	3
7	DSC 2 Paper-1 Descriptive statistics and probability - 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
	<b>Total</b>	<b>700</b>	<b>125</b>	<b>575</b>	<b>28</b>	<b>23</b>

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**W.E.F. 2016-17**

**B.Sc. (MSCS) - SEMESTER – II**

<b>Sno</b>	<b>Course</b>	<b>Total Marks</b>	<b>Internal Exam</b>	<b>Sem End Exam</b>	<b>Teaching Hours</b>	<b>Credits</b>
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 Mathematical Expectation and Probability distribution	100	25	75	4	3
7	DSC 2 Lab Practical Mathematical Expectation and Probability distribution - 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
	<b>Total</b>	<b>700</b>	<b>125</b>	<b>575</b>	<b>28</b>	<b>23</b>

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**W.E.F. 2016-17**

**B.Sc. (MSCS) - 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 Statically methods	100	25	75	4	3
7	DSC 2 Paper-3 Statically methods - 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
	<b>Total</b>	<b>700</b>	<b>125</b>	<b>575</b>	<b>28</b>	<b>23</b>

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**W.E.F. 2016-17**

**B.Sc. (MSCS) - SEMESTER – IV**

<b>Sno</b>	<b>Course</b>	<b>Total Marks</b>	<b>Internal Exam</b>	<b>Sem End Exam</b>	<b>Teaching Hours**</b>	<b>Credits</b>
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 Statistical Interferences	100	25	75	4	3
7	DSC 2 Lab Practical Statistical Interferences - 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
	<b>Total</b>	<b>600</b>	<b>75</b>	<b>525</b>	<b>24</b>	<b>21</b>

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**B.Sc. (MSCS) - SEMESTER – V**

<b>Sno</b>	<b>Course</b>	<b>Total Marks</b>	<b>Internal Exam</b>	<b>Sem End Exam</b>	<b>Teaching Hours**</b>	<b>Credits</b>
1	Ring Theory and Vector calculus	100	25	75	4	3
2	Linear Algebra	100	25	75	4	3
3	sampling techniques and design of experiments	100	25	75	4	3
4	sampling techniques and design of experiments - Practical	50	0	50	2	2
5	Statistical Quality and reliability	100	25	75	4	3
6	Statistical Quality and reliability - 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
	<b>Total</b>	<b>800</b>	<b>150</b>	<b>650</b>	<b>32</b>	<b>26</b>