

1.2.2
With effect from the academic year 2016-2017

Department of Mathematics
Osmania University
M.Sc. [Computer Science]
Course under Choice Based Credit System

SEMESTER - I

Paper	Code	Paper Title	HpW	Marks	Credits
I	CS101T	Advanced Java Programming	4	20+80 =100	4
II	CS102T	Operating Systems	4	20+80 =100	4
III	CS103T	Software Engineering	4	20+80 =100	4
IV	CS104T	Discrete Mathematics	4	20+80 =100	4
V	CS105P	Advanced Java Lab	6	75	3
VI	CS106P	Operating Systems Lab	6	75	3
VII	CS107P	Software Engineering Lab	4	50	2
Total			32	600	24

SEMESTER - II

Paper	Code	Paper Title	HpW	Marks	Credits
I	CS201T	Programming in Python	4	20+80 =100	4
II	CS202T	Computer Networks	4	20+80 =100	4
III	CS203T	Design and Analysis of Algorithms	4	20+80 =100	4
IV	CS204T	Automata Theory	4	20+80 =100	4
V	CS205P	Python Lab	6	75	3
VI	CS206P	Computer Networks Lab	6	75	3
VII	CS207P	Design and Analysis of Algorithms Lab	4	50	2
Total			32	600	24

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Chikkadpally, Hyderabad-20.

With effect from the academic year 2017-2018

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Course under Choice Based Credit System

SEMESTER – III

Paper	Code	Paper Title	HpW	Marks	Credits
I	CS301T	Programming in C#	4	20+80 =100	4
II	CS302T	Compiler Design	4	20+80 =100	4
III	Elective CS303T(A)	Network Security	4	20+80 =100	4
	CS303T(B)	Big Data Analytics			
IV	Elective CS304T(A)	Object Oriented Analysis and Design	4	20+80 =100	4
	CS304T(B)	Data Mining			
V	CS305P	C# Lab	6	75	3
VI	CS306P	Compiler Design Lab	6	75	3
VII	Elective CS307P(A)	Network Security Lab	4	50	2
	CS307P(B)	Big Data Analytics Lab			
Total			32	600	24

SEMESTER – IV

Paper	Code	Paper Title	HpW	Marks	Credits
I	CS401T	Computer Organization	4	20+80 =100	4
II	CS402T	Cloud Computing	4	20+80 =100	4
III	Elective CS403T(A)	Mobile Computing	4	20+80 =100	4
	CS403T(B)	Distributed Systems			
IV	Elective CS404T(A)	Artificial Intelligence	4	20+80 =100	4
	CS404T(B)	Internet of Things			
V	CS405P	Project Work	16	200	8
Total			32	600	24

(Applicable to the batch of students admitted in the academic year 2016-17 and onwards)

M.Com. (CBCS)

FACULTY OF COMMERCE, OU

DEPARTMENT OF COMMERCE, O.U.

M.Com. COURSE STRUCTURE (CBCS)

FIRST SEMESTER

Sl. No.	Code	Title of the Paper	THPW	Credits	DESE	Marks			Total
						IA	Assignment	End-Sem. Exam	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Com 1 : Core – I	Managerial Economics	5	4	3 Hrs	15	5	80	100
2.	Com 2 : Core – II	Principles of Marketing	5	4	3 Hrs	15	5	80	100
3.	Com 3 : Core – III	OT & OB	5	4	3 Hrs	15	5	80	100
4.	Com 4 : Elective – I :	Specialization **	5	5	3 Hrs	15	5	80	100
5.	Com 5 : Elective–II :	Specialization **	5	5	3 Hrs	15	5	80	100
Seminar :			2	1	-	-	-	25*	25
Total			27	23		75	25	425	525

*25=15W+10PR

SECOND SEMESTER

Sl. No.	Code	Title of the Paper	THPW	Credits	DESE	Marks			Total
						IA	Assignment	End-Sem. Exam	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6.	Com 6: Core – I	Business Environment & Policy	5	4	3 Hrs	15	5	80	100
7.	Com 7: Core – II	Marketing Management	5	4	3 Hrs	15	5	80	100
8.	Com 8: Core – III	Human Resource Management	5	4	3 Hrs	15	5	80	100
9.	Com 9: Elective–I :	Specialization **	5	5	3 Hrs	15	5	80	100
10.	Com 10: Elective-II:	Specialization **	5	5	3 Hrs	15	5	80	100
Seminar :			2	1	-	-	-	25*	25
Total			27	23		75	25	425	525

*25=15W+10PR

(Applicable to the batch of students admitted in the academic year 2016-17 and onwards)

M.Com. (CBCS)

FACULTY OF COMMERCE, OU

THIRD SEMESTER

Sl. No.	Code	Title of the Paper	THPW	Credits	DESE	Marks			
						IA	Assignment	End-Sem. Exam	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
11	Com: 11 Core – I	Research Methodology & Statistical Analysis	5	4	3 Hrs	15	5	80	100
12	Com: 12 Core – II	E-Commerce	5 (4T+2P)	4	3 Hrs	15 IA	35 LPE	50	100
13	Com: 13 Core – III	Cost Accounting and Control	5	4	3 Hrs	15	5	80	100
14	Com: 14 Elective-I:	Specialization **	5	5	3 Hrs	15	5	80	100
15	Com: 15 Elective - II	Specialization **	5	5	3 Hrs	15	5	80	100
16	ID Paper	Business Organization & Management	4	4	3 Hrs	15	5	80	100
	Seminar		2	1	-	-	-	25*	25
Total			31	27	-	90	80	475	625

*25=15W+10PR

FOURTH SEMESTER

Sl. No.	Code	Title of the Paper	THPW	Credits	DESE	Marks			
						IA	Assignment	End-Sem. Exam	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
17	Com:16 Core – I	Quantitative Techniques for Business Decisions	5	4	3 Hrs	15	5	80	100
18	Com:17 Core – II	Business and Corporate Taxation	5	4	3 Hrs	15	5	80	100
19	Com:18 Core – III	Strategic Management	5	4	3 Hrs	15	5	80	100
20	Com:19 Elective-I:	Specialization **	5	5	3 Hrs	15	5	80	100
21	Com:20 Elective-II:	Specialization **	5	5	3 Hrs	15	5	80	100
22	Com: 21	Project Work	8	4		-	-	50VV + 50D	100
	Seminar		2	1		-	-	25*	25
Total			35	27	-	75	25	525	625
GRAND TOTAL			120	100	-	315	135	1850	2300

*25=15W+10PR

Inter Disciplinary (ID) Paper in Third Semester is offered to the Non-Commerce PG Students.

THWP= Teaching Hours Per Week; ESED=End-Semester Examination Duration; VV=Viva-Voce;

LPE = Lab Practical Examinations; D=Dissertation; T=Theory; P=Practical; W=Write-up;

PR=Presentation; DESE = Duration of End-Semester Examination.

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Chikkadpally, Hyderabad 20.

DEPARTMENT OF COMMERCE, O.U.
Structure of B.Com (Computers) (CBCS) for Osmania University, Hyderabad.
(w.e.f. Academic Year 2016-17)

B.COM (Computers) PROGRAMME

FIRST YEAR:**SEMESTER-I**

Sl.No.	Code	Course Title	Course Type	HPW	Credits
(1)	(2)	(3)	(4)	(5)	(6)
1.	BC101	A/B/C/D	AECC-1	2	2
2.	BC102	English	CC-1A	5	5
3.	BC103	Second Language	CC-2A	5	5
4.	BC104	Financial Accounting - I	DSC-1A	5	5
5.	BC105	Business Economics	DSC-2A	5	5
6.	BC106	Business Organization	DSC-3A	4	4
7.	BC107	Information Technology	DSC-4A	3T+2P	4
		Total		31	30

SEMESTER-II

8.	BC201	A/B/C/D	AECC-2	2	2
9.	BC202	English	CC-1B	5	5
10.	BC203	Second Language	CC-2B	5	5
11.	BC204	Financial Accounting - II	DSC-1B	5	5
12.	BC205	Managerial Economics	DSC-2B	5	5
13.	BC206	Principles of Management	DSC-3B	4	4
14.	BC207	Management Information System	DSC-4B	3T+2P	4
		Total		31	30

SECOND YEAR:**SEMESTER-III**

15.	BC301	Principles of Insurance	SEC-1	2	2
16.	BC302	English	CC-1C	5	5
17.	BC303	Second Language	CC-2C	5	5
18.	BC304	Advanced Accounting	DSC-1C	5	5
19.	BC305	Income Tax-I	DSC-2C	5	5
20.	BC306	Business Statistics-I	DSC-3C	4	4
21.	BC307	Programming with C	DSC-4C	3T+2P	4
		Total		31	30

SEMESTER-IV

22.	BC401	Practice of Life Insurance	SEC-2	2	2
23.	BC402	English	CC -1D	5	5
24.	BC403	Second Language	CC-2D	5	5
25.	BC404	Corporate Accounting	DSC-1D	5	5
26.	BC405	Income Tax-II	DSC-2D	5	5
27.	BC406	Business Statistics-II	DSC-3D	4	4
28.	BC407	Objective Oriented Programming with C++	DSE-4D	3T+2P	4
		Total		31	30

THIRD YEAR:					
SEMESTER-V					
29.	BC501	Practice of General Insurance	SEC-3	2	2
30.	BC502		GE-1	2	2
31.	BC503	Cost Accounting	DSC-1E	4	4
32.	BC504	Business Law	DSC-2E	4	4
33.	BC505	Banking Theory & Practice	DSC-3E	4	4
34.	BC506	Auditing	DSC-4E	4	4
35.	BC507	Computerised Accounting	DSE-1A	4T+2P	5
36.	BC508	E-Commerce	DSE-2A	4T+2P	5
		Total		32	30
SEMESTER-VI					
37.	BC601	Regulation of Insurance Business	SEC-4	2	2
38.	BC602		GE-2	2	2
39.	BC603	Managerial Accounting	DSC-1F	4	4
40.	BC604	Company Law	DSC-2F	4	4
41.	BC605	Financial Institutions & Markets	DSC-3F	4	4
42.	BC606	Commerce Lab	DSC-4F	2T+4P	4
43.	BC607	Web Technologies	DSE-1B	4T+2P	5
44.	BC608	Relational Database Management Systems	DSE-2B	4T+2P	5
		Total		34	30
		GRAND TOTAL		190	180

AECC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T=Theory; P=Practicals;

SUMMARY OF CREDITS

Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	AECC	2	2	4
2	SEC	4	2	8
3	CC Language	8	5	40
	DSC	8	5	40
		16	4	64
4	DSE	4	5	20
5	GE	2	2	4
	TOTAL	44		180
	Commerce Total	28		124



PRINCIPAL
 AURORA'S DEGREE & P.C. COLLEGE
 Chikkadpally, Hyderabad-20.

DEPARTMENT OF COMMERCE, O.U.*Structure of B.Com (Honours) (CBCS) for Osmania University, Hyderabad.**(w.e.f. Academic Year 2016-17)***B.COM (HONOURS) PROGRAMME****FIRST YEAR:****SEMESTER-I**

Sl.No.	Code	Course Title	Course Type	HPW	Credits
(1)	(2)	(3)	(4)	(5)	(6)
1.	BC101	English/MIL Communication	AECC-1	5	5
2.	BC102	Information Technology	GE-1	4T+2P	5
3.	BC103	Financial Accounting - I	DSC-1A	5	5
4.	BC104	Business Economics	DSC-2A	5	5
5.	BC105	Business Organization	DSC-3A	5	5
6.	BCH106	Principles of Marketing	DSC-4A	5	5
		Total		31	30

SEMESTER-II

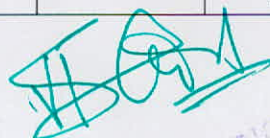
7.	BC201	English/MIL Communication	AECC-2	5	5
8.	BCH202	Relational Database Management System	GEN-2	4T+2P	5
9.	BC203	Financial Accounting - II	DSC-1B	5	5
10.	BC204	Managerial Economics	DSC-2B	5	5
11.	BC205	Principles of Management	DSC-3B	5	5
12.	BC206	Foreign Trade	DSC-4B	5	5
		Total		31	30

SECOND YEAR:**SEMESTER-III**

13.	BC301	Entrepreneurial Development & Business Ethics	SEC-1	2	2
14.	BCH302	Management Information System	GEN-3	4T+2P	5
15.	BC303	Advanced Accounting	DSC-1C	5	5
16.	BC304	Income Tax-I	DSC-2C	5	5
17.	BC305	Business Statistics	DSC-3C	5	5
18.	BCH306	Marketing Management	DSC-4C	5	5
19.	BCH307	Human Resources Management	DSC-5C	5	5
		Total		33	32

SEMESTER-IV

20.	BCH401	Business Mathematics	SEC-2	2	2
21.	BCH402	E Commerce & Digital Marketing	GEN-4	4T+2P	5
22.	BC403	Corporate Accounting	DSC-1D	5	5
23.	BC404	Income Tax-II	DSC-2D	5	5
24.	BC405	Business Statistics-II	DSC-3D	5	5
25.	BC406	Auditing	DSC-4D	5	5
26.	BCH407	Financial Statements Analysis	DSC-5D	5	5
		Total		33	32



THIRD YEAR: SEMESTER-V					
27.	BC501	Cost Accounting	DSC-1E	5	5
28.	BC502	Business Law	DSC-2E	5	5
29.	BC503	Banking Theory & Practice	DSC-3E	4	4
30.	BC504	Computerised Accounting	DSC-4E	3T+2P	4
31.	BCH505	Research Methodology	DSC-5E	4	4
32.	BCH506	Financial Management	DSE-1	5	5
33.	BCH507	Financial Services	DSE-2	5	5
		Total		33	32
SEMESTER-VI					
34.	BC601	Managerial Accounting	DSC-1F	5	5
35.	BC602	Company Law	DSC-2F	5	5
36.	BC603	Financial Institutions & Markets	DSC-3F	4	4
37.	BC604	Commerce Lab	DSC-4F	2T+4P	4
38.	BCH605	Project Report/IFRS	DSC-5F	4	4
39.	BCH606	Investment Management	DSE-3	5	5
40.	BCH607	International Finance	DSE-4	5	5
		Total		34	32
		GRAND TOTAL		195	188

AECC:Ability Enhancement Compulsory Course; SEC:Skill Enhancement Course; DSC:Discipline Specific Course; DSE:Discipline Specific Elective; GE:Generic Elective; T: Theory; P: Practical; R: Report; VV:Viva-Voce Examination; T=Theory; P=Practicals;

SUMMARY OF CREDITS

Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	AECC	2	5	10
2	SEC	2	2	4
3	DSC	22	5	110
		6	4	24
4	DSE	4	5	20
5	GE	4	5	20
	TOTAL	40		188
	Commerce Total	32		154


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