

ANNEXURE M. Sc. Information Technology

Equivalence of Syllabus / papers between CBS & CBCS syllabus for desirous students (CBS Pattern students (introduced in the Year 2012-2013) in CBCS Pattern (introduced in the year 2015-16 at M.Sc Semester I and II and in the year 2016-17, at M.Sc. Semester –III and Semester IV

If the candidate has failed in any of the papers mentioned below (As described in Point no. 22 'b', 'c', 'd', and 'e')							Then, the candidate shall appear and clear the paper shown in the respective row as equivalent paper					
M.Sc. Information Technology CBS Pattern : Semester -I							M.Sc. Information Technology Choice Based Credit System (CBCS)					
S. No.	Code No.	Paper	Name of Paper	Total Marks	Credits	Equivalence To	Sem	Code No.	Paper	Name of Paper	Total Marks	Credits
01	Paper 1	Paper I	Computer Architecture and Organization	100	4		I	1T1	Paper I	Computer Architecture and Organization	80+ 20	4
02	Paper 2	Paper II	Internet Computing With ASP.NET	100	4		I	1T2	Paper II	Internet Computing With ASP.NET	80+20	4
03	Paper 3	Paper III	Distributed Operating System	100	4		I	1T3	Paper III	Distributed Operating System	80+20	4
04	Paper 4	Paper IV	Advanced DBMS and Administration	100	4		I	1T4	Paper IV	Advanced DBMS and Administration	80+20	4
05	Practical-I	Practical-I	Practical-I based on theory paper-1 and 2	80+ 20	4		I	1P1	Practical-I	Practical-I based on theory paper-1 and 2	100	4
06	Practical-II	Practical-II	Practical-II based on theory paper-3 and 4	80+20	4		I	1P2	Practical-II	Practical-II based on theory paper-3 and 4	100	4
07		Seminar-I	Seminar	25	1		I		Seminar-I	Seminar I	25	1
M.Sc. Information Technology CBS Pattern : Semester -II							M.Sc. Information Technology Choice Based Credit System (CBCS)					
S. No.	Code No.	Paper	Name of Paper	Total Marks	Credits	valence	Sem	Code No.	Paper	Name of Paper	Total Marks	Credits

01	Paper 1	Paper V	Windows Programming using VC++	100	4
02	Paper 2	Paper VI	Theory of Computation and Compiler Construction	100	4
03	Paper 3	Paper VII	Network Programming	100	4
04	Paper 4	Paper VIII	Open source Web Programming using PHP	100	4
05	Practical-I	Practical-III	Practical-I based on theory paper-1 and 2	80+20	4
06	Practical-II	Practical-IV	Practical-II based on theory paper-3 and 4	80+20	4
07		Seminar-II	Seminar	25	1

II	2T1	Paper 5	Windows Programming using VC++	80+20	4
II	2T2	Paper 6	Theory of Computation and Compiler Construction	80+20	4
II	2T3	Paper 7	Network Programming	80+20	4
II	2T4	Paper 8	Open source Web Programming using PHP	80+20	4
II	2P1	Practical 3	Practical 3 based on theory paper-5 and 6	100	4
II	2P2	Practical 4	Practical 4 based on theory paper-7 and 8	100	4
II		Seminar 2	Seminar 2	25	1

M.Sc. Information Technology CBS Pattern : Semester -III

M.Sc. Information Technology Choice Based Credit System (CBCS)

S. No.	Code No.	Paper	Name of Paper	Total Marks	Credits
01	Paper 1	Paper IX	Data Communication and Networks	100	4
02	Paper 2	Paper X	Software Engineering	100	4
03	Paper 3	Paper XI	Soft Computing	100	4
04	Paper 4	Paper XII	Elective-1 1.1 Distributed Databases	100	4
04	Paper 4	Paper XII	Elective-1 1.2 Object Oriented Analysis and Design using UML	100	4
04	Paper 4	Paper XII	Elective-1 1.3 CORBA	100	4
05	Practical-I	Practical V	Practical-I based on theory paper-1 and 2	80+20	4

Equivalence To	Sem	Code No.	Paper	Name of Paper	Total Marks	Credits
	III	3T1	Paper 9	Data Communication and Networks	80+20	4
	III	3T2	Paper 10	Software Engineering	80+20	4
	III	3T3	Paper 11	Core Elective 1 CE1-1 Soft Computing	80+20	4
	III	3T4	Paper 12	Core(Discipline Centric)1 CDC1 CORBA	80+20	4
	III	3T4	Paper 12	Core(Discipline Centric)1 CDC1 CORBA	80+20	4
	III	3T4	Paper 12	Core(Discipline Centric)1 CDC1 CORBA	80+20	4
	III	3P1	Practical 5	Practical 5 based on theory paper-9	100	4

06	Practical-II	Practical VI	Practical-II based on theory paper-3 and 4	80+20	4
07		Seminar-III	Seminar	25	1

			and 10		
III	3P2	Practical 6	Practical 6 based on paper 11	100	4
III		Seminar 3	Seminar 3	25	1

M.Sc. Information Technology CBS Pattern : Semester -IV

M.Sc. Information Technology Choice Based Credit System (CBCS)

S. No.	Code No.	Paper	Name of Paper	Total Marks	Credits
01	Paper 1	Paper XIII	Data Warehousing And Data Mining	100	4
02	Paper 2	Paper XIV	Artificial Intelligence & Expert System	100	4
03	Paper 3	Paper XV	Design and Analysis of Algorithm	100	4
04	Paper 4	Paper XVI	Elective-2 2.1 Cloud Computing	100	4
04	Paper 4	Paper XVI	Elective-2 2.2 Mobile Computing	100	4
04	Paper 4	Paper XVI	Elective-2 2.3 Enterprise Computing	100	4
05	Practical-I	Practical VII	Practical-I based on theory paper-1 to 4	80+20	4
06	Project	Project	Project	80+20	4
07			Seminar		

Equivalence To	Sem	Code No.	Paper	Name of Paper	Total Marks	Credits
	IV	4T1	Paper 13	Data Warehousing And Data Mining	80+20	4
	IV	4T2	Paper 14	Artificial Intelligence & Expert System	80+20	4
	IV	4T3	Paper 15	<u>Core Elective 2</u> CE2-1 Design and Analysis of Algorithm	80+20	4
	IV	4T4	Paper 16	<u>Core(Discipline Centric)2</u> CDC2 Enterprise Computing	80+20	4
	IV	4T4	Paper 16	<u>Core(Discipline Centric)2</u> CDC2 Enterprise Computing	80+20	4
	IV	4T4	Paper 16	<u>Core(Discipline Centric)2</u> CDC2 Enterprise Computing	80+20	4
	IV	4P1	Practical 7	Practical 7 based on theory paper-13,14,15	100	4
	IV	4PRO J1	Project	Project	100	4
	IV		Seminar 4	Seminar 4	25	1