

Course Scheme Ph.D. (CSE)
Session 2020-2021
Ph.D. (Common Syllabus First Semester)

**Semester
– I**

Compulsory Paper (Common Physics/Chemistry/Mathematics/CSE)

Course Code	Paper	L	Credits
RM-01	Research Methodology	4	4
RPE	Research Ethics	2	2

Optional Papers:- ELECTIVE-I & ELECTIVE -2 PAPERS ARE TO BE SELECTED BY THE CANDIDATE FROM THE LIST OF ELECTIVE PAPERS GIVEN BELOW:

Optional	Course Code	Paper	L	Credits
	CSE-1003	Advanced Information Security Systems	5	5
	CSE-1004	Digital Image Processing	5	5
	CSE-1005	Neural Networks	5	5
	CSE-1006	Advanced Topics in Database Systems	5	5
	CSE-1007	Data Warehousing and Mining	5	5
	CSE-1008	Software Testing and Quality Assurance	5	5
	CSE-1009	Mobile Computing	5	5
	CSE-1010	Advanced Multimedia Technology	5	5
	CSE-1011	Parallel Computing	5	5
	CSE-1012	Web Engineering	5	5
	CSE-1013	Advanced Networking and Protocols	5	5
	CSE-1014	Fuzzy Logic	5	5
	CSE-1015	Data Modeling and Design	5	5
	CSE-1016	Artificial Intelligence	5	5
	CSE-1017	Machine Learning	5	5
Total				16

More Elective Papers may be added from time to time depending upon the availability of the Expertise in the Department and its suitability for the prospective researchers.

IEC University, Baddi

SCHEME OF STUDY & EVALUATION FOR Ph.D. (Common Syllabus First Semester) PROGRAM

Course			Period			Evaluation Scheme					Course Total	
Sr. No.	Code	Title	L	T	P	Sessional Marks				Exam. Marks	Marks	Credits
						MSE	CA	P	Total	ESE		
Semester I												
1	RM-01	Research Methodology	4	0	0	-	-	-	-	100	100	4
2*	RPE	Research Ethics	2	0	0	-	-	-	-	100	100	2
3*	CSE-1003	Advanced Information Security Systems	5	0	0	-	-	-	-	100	100	5
4*	CSE-1004	Digital Image Processing	5	0	0	-	-	-	-	100	100	5
5*	CSE-1005	Neural Networks	5	0	0	-	-	-	-	100	100	5
6*	CSE-1006	Advanced Topics in Database Systems	5	0	0	-	-	-	-	100	100	5
7*	CSE-1007	Data Warehousing and Mining	5	0	0	-	-	-	-	100	100	5
8*	CSE-1008	Software Testing and Quality Assurance	5	0	0	-	-	-	-	100	100	5
9*	CSE-1009	Mobile Computing	5	0	0	-	-	-	-	100	100	5
10*	CSE-1010	Advanced Multimedia Technology	5	0	0	-	-	-	-	100	100	5
11*	CSE-1011	Parallel Computing	5	0	0	-	-	-	-	100	100	5
12*	CSE-1012	Web Engineering	5	0	0	-	-	-	-	100	100	5
13*	CSE-1013	Advanced Networking and Protocols	5	0	0	-	-	-	-	100	100	5
14*	CSE-1014	Fuzzy Logic	5	0	0	-	-	-	-	100	100	5
15*	CSE-1015	Data Modeling and Design	5	0	0	-	-	-	-	100	100	5
16*	CSE-1016	Artificial Intelligence	5	0	0	-	-	-	-	100	100	5
17*	CSE-1017	Machine Learning	5	0	0	-	-	-	-	100	100	5
Total			16	0	0	300	100	0	400	400	400	16