Computer Science

YEAR ONE

Course Code	PhD: First Semester Courses Year 1	Credit
COM 901	Discrete Structures	2
COM 902	Electronics and Communication Technology	3
COM 903	Computer Systems Architecture	3
COM 904	Assembly Language	2
COM 905	Web Technology	2
COM 906	Programming using PHP	3
	TOTAL CREDITS	15

Course Code	PhD: Second Semester Courses Year 1	Credit
COM 911	Applied Mathematics	2
COM 912	Design and Analysis Algorithms	3
COM 913	Systems Programming	3
COM 914	Database Systems	2
COM 915	Basic Statistics and Probability	2
COM 916	Year One: Independent Research I	3
	TOTAL CREDITS	15

YEAR TWO

Course Code	PhD: First Semester Courses Year 2	Credit
COM 921	Computer Systems Troubleshooting	5
COM 922	Data Communication and Computer Networks	5
COM 923	Differential Equations	5
COM 924	Java and Data Structures	5
COM 925	Microprocessors	5
COM 926	Internet Technologies	5
	TOTAL CREDITS	30

Course Code	PhD: Second Semester Courses Year 2	Credit
COM 1001	Operational Research	5
COM 1002	MySQL	5
COM 1003	Information Security	5
COM 1004	Statistical Methodology	5
COM 1005	Project Management	5
COM 1006	Year Two: Independent Research II	5
	TOTAL CREDITS	30

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YEAR THREE

Course Code	PhD: First Semester Courses Year 3	Credit
COM 1011	Security and Cyber Crimes	2
COM 1012	Computer Architecture	3
COM 1013	Object Oriented Programming	3
COM 1014	Cryptography	2
COM 1015	Operating Systems	2
COM 1016	High Performance Computing	3
	TOTAL CREDITS	15

Course Code	PhD: Second Semester Courses Year 3	Credit
COM 1021	Digital Signal Processing	2
COM 1022	Artificial Intelligence	3
COM 1023	Software Engineering	3
COM 1024	Cloud Computing	2
COM 1025	Year Three: PhD Research Thesis	5
	TOTAL CREDITS	15

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