

Doctor of Philosophy (PhD) in Information Technology

YEAR ONE

Course Code	PhD: First Semester Courses Year 1	Credit
ITECH 901	Computer Fundamentals & Applications	5
ITECH 902	Applied Mathematics	5
ITECH 903	Electronics and Communication Technology	5
ITECH 904	C++ Programming	5
ITECH 905	Web Technology	5
ITECH 906	Microprocessor and Microcontroller	5
TOTAL CREDITS		30
Course Code	PhD: Second Semester Courses Year 1	Credit
ITECH 911	Database Management System	5
ITECH 912	Data Communication and Network Standards	5
ITECH 913	Software Engineering	5
ITECH 914	System Development Technique	5
ITECH 915	Java and Data Structures	5
ITECH 916	Year One: PhD Research Thesis	5
TOTAL CREDITS		30

YEAR TWO

Course Code	PhD: First Semester Courses Year 2	Credit
ITECH 921	Quantitative Techniques	5
ITECH 922	Wireless Network Technologies	5
ITECH 923	Internet Security	5
ITECH 924	Visual Basic 6.0	5
ITECH 925	Advanced SQL	5
ITECH 926	Management Information System	5
TOTAL CREDITS		30
Course Code	PhD: Second Semester Courses Year 2	Credit
ITECH 1001	Programming using PHP	5
ITECH 1002	Programming with Objects	5
ITECH 1003	Internet Technologies	5
ITECH 1004	Project Management	5
ITECH 1005	Information Technology Laws	5
ITECH 1004	Year Two: PhD Research Thesis	5
TOTAL CREDITS		30



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YEAR THREE

Course Code	PhD: First Semester Courses Year 3	Credit
ITECH 1011	Object Oriented Analysis and Design	5
ITECH 1012	Internetworking Technologies	5
ITECH 1013	Software Engineering and Management	5
ITECH 1014	Data Warehouse	5
ITECH 1015	Pervasive Computing	5
ITECH 1016	Multimedia Computing	5
TOTAL CREDITS		30
Course Code	PhD: Second Semester Courses Year 3	Credit
ITECH 1021	Software for Embedded Systems	5
ITECH 1022	Network Security	5
ITECH 1023	Embedded System Design	5
ITECH 1024	Data Mining	5
ITECH 1025	Year Three: PhD Research Thesis	10
TOTAL CREDITS		30

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