'Towards Technology Innovation and Information Globalization '

FACULTY OF COMPUTING AND INFORMATICS

BACHELOR OF COMPUTER SCIENCE WITH HONOURS

BPKP	PROGRAMME CODE
HC05	**Network Engineering**

For further inquiries, please contact:

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Course Structure Session 2015 / 2016

HC05 NETWORK ENGINEERING

	YEAR 1		YEAR 2		YEAR 3		YEAR 4	
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
UNIVERSITY CORE COURSES (12 CREDIT HOURS)	***UW00202** Islam & Asian Civilization Asia **UEXXX02** (Student Choice) **UKXXX02** (Student Choice)	***UW00102** Ethnic Relations **UCXXX02** (Student Choice)	**UW00302** Fundamentals of Entrepreneurial Acculturation (APK)					
LANGUAGE (8 CREDIT HOURS)	**UB00102** Communicative English Grammar	**UB00202** Oral Communication in English	**UB00302** Reading and Writing in English	**UB00402** Academic Reading and Writing				
CO-CURRICULUM (3 CREDIT HOURS)	**ECXXXX3** Co-Curriculum							
FACULTY CORE (38 CREDIT HOURS)	**KT14103** Calculus **KT14303** Programming Principles	**KT14203** Computer Architecture & Organization **KT14403** Discrete Structures	**KT24103** Data Structures & Algorithms **KT24303** Network Fundamentals **KT24503** Database	**KT24203** Probability and Statistics **KT24403** Operating Systems **KT00802** Entrepreneurship in Technology	**KT34103** Artificial Intelligence **KT34303** Computer Graphics		**KT44103** Ethics and Law in ICT	

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HC05 NETWORK ENGINEERING

	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
	YEAR 1		**YEAR 2**		**YEAR 3**		**YEAR 4**	
PROGRAMME CORE (36 CREDIT HOURS)		**KP14603** Object Oriented Concepts	**KP24103** System Analysis & Design	**KP24203** Routing Protocols and Concepts **KP24403** Web Technology	**KP34103** Network Project Management **KP34303** Enterprise Networks		**KP44103** Project I **KP44303** Wireless and Mobile Computing **KP44503** Distributed Systems & Client-Server Programming	**KP44203** Project II **KP44403** WAN Technology **KP44603** Network Management and Monitoring
INDUSTRIAL TRAINING (12 CREDIT HOURS)						**KP34212** Industrial Training		
ELECTIVE (12 CREDIT HOURS)					**KP0XX03** Elective 1		**KP0XX03** Elective 2	**KP0XX03** Elective 3 **KP0XX03** Elective 4
	17	15	16	16	15	12	15	15

TOTAL (121 CREDIT HOURS)

*Note: Students can choose four (4) elective courses as listed below.
ELECTIVES LIST FOR HC05