



Homework # 5

**01286233 Web Programming
Software Engineering Program
Faculty of Engineering, KMITL**

By

65011304 Inthat Sappipat


1.

Result:

B.Eng. in Software Engineering Program

The **B.Eng. in Software Engineering Program** is a 4-year undergraduate program aiming at producing graduates who are capable of working confidently in the international software industry as well as pursuing postgraduate study and research in leading universities worldwide. The curriculum of the program is designed in accordance with the recent ACM/IEEE guideline for undergraduate curriculum in software engineering.


Curriculum Overview - Study Plans

Years 1 and 2 @ KMITL	Years 3 and 4 - Track 1 @ KMITL	Years 3 and 4 - Track 2 @ Glasgow						
<ul style="list-style-type: none">MathematicsProgramming (Python, Rust, C++)Basics of Computer HardwareComputer Science FundamentalsIntroduction to Software EngineeringGeneral Education Courses	<ul style="list-style-type: none">Further Computer Science topicsSoftware Engineering topicsSoftware ProjectsSummer Internship between Year 2 and Year 3 <p>Choose one of these specializations</p> <table><thead><tr><th>Metaverse SE</th><th>Industrial IoT</th><th>Artificial Intelligence</th></tr></thead><tbody><tr><td><ul style="list-style-type: none">Web Service Development and Service-Oriented ArchitectureComputer Graphics and Mixed RealityAdvanced Database SystemsDistributed Computing</td><td><ul style="list-style-type: none">Web Service Development and Service-Oriented ArchitectureReal-Time Embedded System Design and DevelopmentIndustrial IoT Networks and CommunicationsCyber-Physical Systems and Industry 4.0</td><td><ul style="list-style-type: none">Machine LearningAI ProgrammingData Science and Data AnalyticsKnowledge Representation and ReasoningDeep Learning</td></tr></tbody></table>	Metaverse SE	Industrial IoT	Artificial Intelligence	<ul style="list-style-type: none">Web Service Development and Service-Oriented ArchitectureComputer Graphics and Mixed RealityAdvanced Database SystemsDistributed Computing	<ul style="list-style-type: none">Web Service Development and Service-Oriented ArchitectureReal-Time Embedded System Design and DevelopmentIndustrial IoT Networks and CommunicationsCyber-Physical Systems and Industry 4.0	<ul style="list-style-type: none">Machine LearningAI ProgrammingData Science and Data AnalyticsKnowledge Representation and ReasoningDeep Learning	 <ul style="list-style-type: none">Study Years 3 & 4 in SE program at School of Computing Science, University of GlasgowSummer internship between Year 3 and Year 4Obtain 2 degrees:<ul style="list-style-type: none">B.Eng. in Software Engineering from KMITLBSc Software Engineering from U. of Glasgow
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Year 1

Semester 1

01006710 : Introduction to Calculus
01286111 : Circuits and Electronics
01286120 : Elementary Systems Programming
01286121 : Computer Programming
96641002 : Digital Intelligence Quotient
96642170 : Introduction to Logic

Semester 2

01006717 : Differential Equations
01006718 : Discrete Mathematics
01286112 : Digital System Fundamentals
01286131 : Object-Oriented Programming
96641001 : Charm School
96641003 : Sports and Recreational Activities
96644034 : Technical Writing