BSc (Hons) In Computer Science - Module List with Module Leaders Academic Year 2024/25

Module Proformas are attached under each module name

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Module code UoW	Module code IIT	Module title	Status		Pre Requisites	Semester	Module Leader	Email
4COSC001W	4COSC006C	Software Development I	Core	20	N/A	1	Guhanathan Poravi	guhanathan.p@iit.ac.lk
4COSC002W	4COSC007C	Mathematics for Computing	Core	20	N/A	1	Dr. Randil Pushpananda	randil.p@iit.ac.lk
4COSC004W	4COSC009C	Computer Systems Fundamentals	Core	20	N/A	1	Rathesan Sivagnanalingam	rathesan.s@iit.ac.lk
4COSC003W	4COSC008C	Trends in Computer Science	Core	20	N/A	2	Sulochana Rupasinghe	sulochana.r@iit.ac.lk
4COSC005W	4COSC010C	Software Development II	Core	20	N/A	2	Pumudu Fernando	pumudu.f@iit.ac.lk
4COSC011W	4COSC011C	Web Design and Development	Core	20	N/A	2	Janani Harischandra	janani.h@iit.ac.lk
Award of Certificate o	f Higher Education	available						
		•		15				
		C	Core Mo	evel 5				
Module code UoW	Module code IIT	Module title	Status		Pre Requisites		Module Leader	Email
5COSC019W	5COSC019C	Object Oriented Programming	Core	20	N/A	1	Guhanathan Poravi	guhanathan.p@iit.ac.lk
5COSC020W	5COSC020C	Database Systems	Core	20	N/A	1	Ragu Sivaraman	+
5COSC020W	5COSC020C					-	-	ragu.s@iit.ac.lk
		Client-Server Architectures Software Development Group Project (work based	Core	20	N/A	2	Cassim Farook	cassim.f@iit.ac.lk
5COSC021W	5COSC021C	module)	Core	20	N/A	Y	Banu Athuruliya	banu.a@iit.ac.lk
		ANY TWO Optiona Please note: Not all option modu						
Credit Level E Ontio		<u> </u>	iles will	ilecessaili	ly be offered in any	one yea		
Credit Level 5 - Optio	Module code IIT	Module title	Status	UK credit	Pre Requisites		Module Leader	Email
5COSC015W	5COSC026C	Advanced Client-side Development	Option	20	N/A	1	Theja Perera	theja.p@iit.ac.lk
			-		-	-	-	
5COSC023W	5COSC023C 5COSC024C	Mobile Application Development	Option	20	N/A	2	Torin Wirasinghe	torin.w@iit.ac.lk
5COSC024W	30U30U24U	Server-side Web Development	Option	20	N/A	2	Theja Perera	theja.p@iit.ac.lk
Condition 15 = 1	H	otomostica Thomas	I		1	1		1
Credit Level 5 - Optio					 	-		5
Module code UoW	Module code IIT	Module title	Status	UK credit	Pre Requisites	-	Module Leader	Email
5COSC025W	5COSC025C	HCI & User Experience	Option	20	N/A	1	Theja Perera	theja.p@iit.ac.lk
5MMCS007W	5MMCS007C	3D Interactive Media Development	Option	20	N/A	1	Pumudu Fernando	pumudu.f@iit.ac.lk
5CCGD013W	5CCGD013C	XR & Multimodal Interaction	Option	20	N/A	2	Prof. Prasad Wimalarathne	prasad.w@iit.ac.lk
Credit Level 5 - Optio	ns -BIS Theme							
Module code UoW	Module code IIT	Module title	Status	UK credit	Pre Requisites		Module Leader	Email
5BUIS020W	5BUIS020C	Information Technology Security	Option	20	N/A	1	Buddhika Premarathne	buddhika.p@iit.ac.lk
Credit Level 5 - Optio	ns -Data Science T	Theme		•	•			
Module code UoW	Module code IIT	Module title	Status	UK credit	Pre Requisites		Module Leader	Email
Module code UoW 5ENG003W			Status Option	UK credit	Pre Requisites	2	Module Leader Ragu Sivaram	Email ragu.s@iit.ac.lk
	Module code IIT	Module title		_		2 2		
5ENG003W 5DATA002W	Module code IIT 5SENG003C 5DATA001C	Module title Algorithms: Theory, design and implementation	Option	20	N/A	-	Ragu Sivaram	ragu.s@iit.ac.lk
5ENG003W 5DATA002W	Module code IIT 5SENG003C 5DATA001C	Module title Algorithms: Theory, design and implementation Machine Learning and Data mining	Option	20 20	N/A	-	Ragu Sivaram	ragu.s@iit.ac.lk
5ENG003W 5DATA002W Credit Level 5 – Optio	Module code IIT 5SENG003C 5DATA001C ns - Games and Co	Module title Algorithms: Theory, design and implementation Machine Learning and Data mining imputer Graphics Development Theme	Option Option	20 20	N/A N/A	-	Ragu Sivaram Nipuna Senanayake	ragu.s@iit.ac.lk nipuna.s@iit.ac.lk
5ENG003W 5DATA002W Credit Level 5 – Optio Module code UoW	Module code IIT 5SENG003C 5DATA001C ns - Games and Co Module code IIT	Module title Algorithms. Theory, design and implementation Machine Learning and Data mining Imputer Graphics Development Theme Module title Game Engine Architecture	Option Option Status Option	20 20 UK credit	N/A N/A Pre Requisites	2	Ragu Sivaram Nipuna Senanayake Module Leader Iresh Bandara	ragu.s@iit.ac.lk nipuna.s@iit.ac.lk Email iresh.b@iit.ac.lk
5ENG003W 5DATA002W Credit Level 5 – Optio Module code UoW 5CCGD011W 5CCGD010W	Module code IIT 5SENG003C 5DATA001C ns - Games and Co Module code IIT 5CCGD011C 5CCGD010C	Module title Algorithms. Theory, design and implementation Machine Learning and Data mining Imputer Graphics Development Theme Module title Game Engine Architecture Maths and Physics for Games	Option Option Status Option Option	20 20 UK credit 20 20	N/A N/A Pre Requisites N/A	2	Ragu Sivaram Nipuna Senanayake Module Leader Iresh Bandara Sapna Kumarapathiranage	ragu.s@iit.ac.lk nipuna.s@iit.ac.lk
5ENG003W 5DATA002W Credit Level 5 – Optio Module code UoW 5CCGD011W 5CCGD010W 5CCGD013W	Module code IIT 5SENG003C 5DATA001C ms - Games and Co Module code IIT 5CCGD011C 5CCGD013C	Module title Algorithms: Theory, design and implementation Machine Learning and Data mining Imputer Graphics Development Theme Module title Game Engine Architecture Maths and Physics for Games XR. Multimodal Interaction	Option Option Status Option	20 20 UK credit 20	N/A N/A Pre Requisites N/A N/A	1 2	Ragu Sivaram Nipuna Senanayake Module Leader Iresh Bandara	ragu.s@iit.ac.lk nipuna.s@iit.ac.lk Email iresh.b@iit.ac.lk sapna.k@iit.ac.lk
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