

Master of Science (Computer Science)

M.Sc. (CS)

Curriculum & Flow Chart

School of Computing Science and Engineering (SCSE)



VIT[®]
UNIVERSITY



(Estd. u/s 3 of UGC Act 1956)

Vellore - 632 014, Tamil Nadu, India

July 2012

INDEX

1. Slot Time Table & Faculty Details
2. Academic Calendar – Fall 2012-13
3. Curriculum
4. Flow Chart
5. Semester Split up
6. Contact Details

SLOT Time Table & Faculty Details

Fall 2012-13 Semester - TIME TABLE

Theory Hours		8.00 - 8.50	9.00 - 9.50	10.00 - 10.50	11.00 - 11.50	12.00 - 12.50			2.00 - 2.50	3.00 - 3.50	4.00 - 4.50	5.00 - 5.50	6.00 - 6.50	
Lab Hours		8.00 - 8.50	9.00 - 9.50	10.00 - 10.50	11.00 - 11.50	11.50 - 12.40	12.40 - 1.30		2.00 - 2.50	3.00 - 3.50	4.00 - 4.50	5.00 - 5.50	5.50 - 6.40	6.40 - 7.30
MON	Theory	A1	F1	C1	E1	TD1		L U N C H	A2	F2	C2	E2	TD2	
	Lab	L1	L2	L3	L4	L5	L6		L31	L32	L33	L34	L35	L36
TUE	Theory	B1	G1	D1	TA1	TF1			B2	G2	D2	TA2	TF2	
	Lab	L7	L8	L9	L10	L11	L12		L37	L38	L39	L40	L41	L42
WED	Theory	C1	F1	E1	TB1	TG1			C2	F2	E2	TB2	TG2	
	Lab	L13	L14	L15	L16	L17	L18		L43	L44	L45	L46	L47	L48
THU	Theory	D1	A1	F1	C1	TE1			D2	A2	F2	C2	TE2	
	Lab	L19	L20	L21	L22	L23	L24		L49	L50	L51	L52	L53	L54
FRI	Theory	E1	B1	G1	D1	TC1			E2	B2	G2	D2	TC2	
	Lab	L25	L26	L27	L28	L29	L30		L55	L56	L57	L58	L59	L60

Faculty Details

<u>Fac. Code</u>	<u>Name</u>	<u>Course Code</u>	<u>Subject</u>	<u>Sem</u>	<u>Slot</u>	<u>Venue</u>
KKU	Kumar K.	CSC520	Programming practices using C and C++ Lab	1	L49+L50	SJT515
KMK	Manikandan K.	CSC520	Programming practices using C and C++ Lab	1	L17+L18	SJT515
KVK	Vijayakumar K.	CSC520	Programming practices using C and C++ Lab	1	L17+L18	SJT515
KVK	Vijayakumar K.	CSC520	Programming practices using C and C++ Lab	1	L49+L50	SJT515
KVK	Vijayakumar K.	CSC520	Programming practices using C and C++	1	G1	SJT311
KVK	Vijayakumar K.	CSC520	Programming practices using C and C++	1	G2	SJT311
HOS	Santhosh Kumar Baratam	CSC506	Operating Systems-M.Sc	1	C2	SJT311
SMI	Srimathi C.	CSC506	Operating Systems-M.Sc	1	C1	SJT311
AGM	Geetha Mary A.	CSC506	Operating Systems Lab	1	L28+L29	SJT515
HOS	Santhosh Kumar Baratam	CSC506	Operating Systems Lab	1	L55+L56	SJT418
LSI	Shalini L.	CSC506	Operating Systems Lab	1	L28+L29	SJT515
JAU	Anuradha J.	CSC521	Knowledge Base System	1	F1	SJT311
JAU	Anuradha J.	CSC521	Knowledge Base System	1	F2	SJT311
BLB	Bhulakshmi Bonthu	CSC505	Computer Architecture and Organization	1	A1+TA1	SJT308
BLB	Bhulakshmi Bonthu	CSC505	Computer Architecture and Organization	1	A2+TA2	SJT308
IRS	Srivani A.	CSC503	Data Structures and Algorithms lab- M.Sc	1	L31+L32	SJT515
IRS	Srivani A.	CSC503	Data Structures and Algorithms lab- M.Sc	1	L7+L8	SJT418
LSI	Shalini L.	CSC503	Data Structures and Algorithms lab- M.Sc	1	L7+L8	SJT418
MBG	Bhagyavathi M.	CSC503	Data Structures and Algorithms lab- M.Sc	1	L31+L32	SJT416
IRS	Srivani A.	CSC503	Data Structures and Algorithms - M.Sc	1	E1	SJT311
IRS	Srivani A.	CSC503	Data Structures and Algorithms - M.Sc	1	E2	SJT311

Academic Calendar – Fall 2012-13 Semester (Modified)

Description	Period	Remarks
Commencement of Fall 2012-13 semester for Freshers M.Tech. Freshers	2 nd – 9 th July 2012 (Monday - Monday) 13 th July 2012 (Friday)	Programme starts from the 2 nd day of their joining
Commencement of Fall semester for Seniors	11 th July 2012 (Wednesday)	1 st Instructional day
Quiz – I	30 th July – 3 rd August 2012 (Monday – Friday)	To be conducted in class falling on any of these days
Independence Day	15 th August 2012 (Wednesday)	No Instruction Day
Eid-ul-Fitr / Ramzan	20 th August 2012 (Monday)	No Instruction Day
CAT-I	19 th – 26 th August 2012 (Sunday - Sunday)	After 27 days
GraVITas	14 th – 16 th September 2012 (Friday – Sunday)	No Instruction days
Vinayagar chathurthi	19 th Sep. 2012 (Wednesday)	No Instruction Day
Quiz – II	17 th – 21 st September 2012 (Monday - Friday)	To be conducted in class falling on any of these days
Gandhi Jayanthi	2 nd October 2012 (Tuesday)	No Instruction day
CAT-II	30 th September – 7 th October 2012 (Sunday - Sunday)	23 days after CAT-I
Quiz – III	22 nd – 26 th October 2012 (Monday – Friday)	To be conducted in class falling on any of these days
Ayutha pooja	23 rd October 2012 (Tuesday)	No Instruction day
Bakrid	27 th October 2012 (Saturday)	No Instruction day
Term End Lab exams	5 th – 9 th November 2012 (Monday - Friday)	To be conducted during the last lab class(es)
Last Instructional Day	9 th November 2012 (Friday)	74 days (24 days after CAT-II)
Deepavali holidays	10 th – 18 th November 2012 (Saturday - Sunday)	9 days
Term End theory Exams	19 th November – 3 rd December 2012 (Monday - Monday)	14 days
Muharam	25 th November 2012 (Sunday)	No Term End Exam
Winter vacation for students	4 th December 2012 – 1 st January 2013 (Tuesday – Tuesday)	29 days
Commencement of Winter Semester	2 nd January 2013 (Wednesday)	1 st Instructional day

School: SCSE

Programme: M.Sc.(CS)

Curriculum

(Applicable to students joining the AY 2012-13)

University Core (UC)

Course Code	Course Title	LTPC	Pre-requisite *
ENG601	Professional and Communication Skills / Foreign Language	0042	
MAT511	Advanced Numerical Methods	3104	
CSC520	Programming Practices Using C and C++	2023	
Total credits under UC		9	

Programme Core (PC)

Course Code	Course Title	LTPC	Pre-requisite *
CSC502	Formal Languages and Automata Theory	3104	
CSC503	Data Structures and Algorithms	3024	
CSC505	Computer Architecture and Organization	3003	
CSC506	Operating Systems	3024	
CSC508	Database Management Systems	3024	CSC503
CSC510	Computer Networks	3024	CSC506
CSC601	Software Engineering	3003	CSC502
CSC603	Open Source Programming	3024	CSC506
CSC512	Object Oriented Analysis and Design	3024	CSC 520
CSC611	Computer Graphics	3003	CSC503
CSC521	Knowledge Based System	3003	
CSC699	Project	0020	
Total credits under PC		61	

Programme Elective (PE)

Course Code	Course Title	LTPC	Pre-requisite *
CSC612	Web Services	3003	CSC506
CSC513	Mobile Computing and Networking	3003	CSC510
CSC605	Advanced Database Management Systems	3003	CSC508
CSC606	Distributed Computing	3003	CSC506
CSC607	Natural Language Processing	3003	CSC521
CSC514	Data Compression	3003	CSC503
CSC608	Soft Computing	3003	CSC521
CSC515	Embedded Systems	3003	CSC505
CSC609	Real Time Systems	3003	CSC506
CSC516	Image Processing	3003	CSC503
CSC524	Multimedia System	3003	CSC611
CSC518	Cryptography and Network Security	3003	CSC510
CSC519	Compiler Design	3003	CSC502
CSC613	System Modeling and Simulation	3003	CSC502

CSC614	Cloud Computing	3003	CSC510
CSC615	Multi-core System Programming	3003	CSC505
CSC522	Data Warehousing and Data mining	3003	CSC508
CSC523	Decision Support Systems	3003	CSC521
Minimum credits to be earned under PE		15	

University Elective (UE)

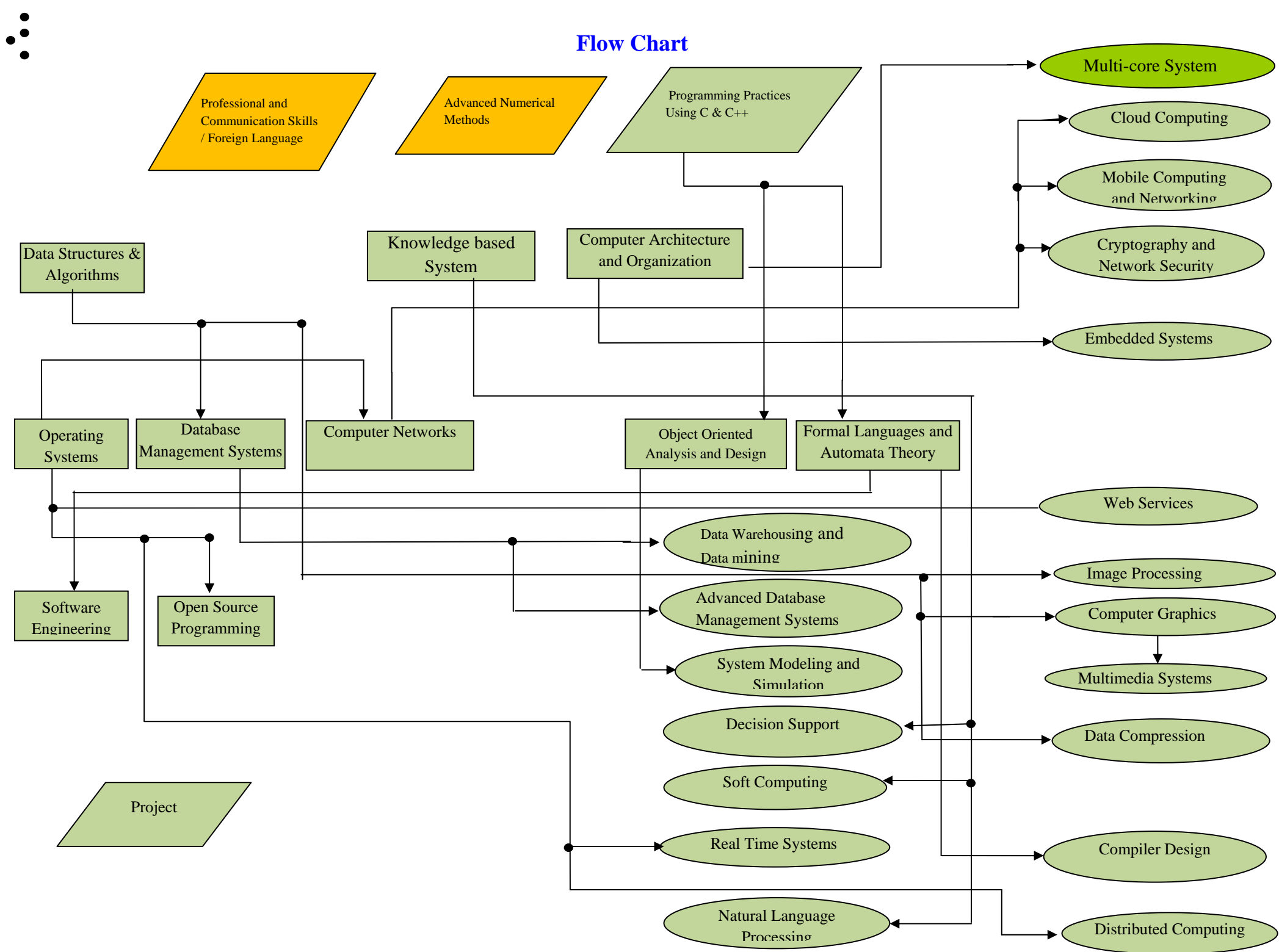
Course Code	Course Title	LTPC	Pre-requisite *
	University Elective	3003	
Total credits under UE		3	

Note:

1. If there is a course equivalence with another FFCS course, the student is eligible to take either of those courses. Hence they should be indicated as a basket of courses with the “(or)” condition. The list of approved course equivalences is available at Intranet/Academics/Curriculum (FFCS)

* Use course codes only

Flow Chart



Contact Details

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