

THIAGARAJAR COLLEGE OF ENGINEERING							
DEPARTMENT OF INFORMATION TECHNOLOGY							
PERCENTAGE OF REVISION OF B.TECH INFORMATION TECHNOLOGY CURRICULUM 2014-2015							
Curriculum 2012-2013				Curriculum 2014-15			
S.No.	Course Code	Course Name	Change	% of Change	Weightage	Course Code	Course Name
1	H11	Engineering Mathematics		10	0.1	14MA110	Engineering Mathematics
2	H12	Physics		10	0.1	14PH120	Physics
3	H13	Chemistry		10	0.1	14CH130	Chemistry
4	H14	English		10	0.1	14EG140	English
5	H15	Basics of Mechanical and Civil Engineering		10	0.1	14ES150	Basics of Civil and Mechanical Engineering
6	H16	Basics of Electrical and Electronics Engineering		10	0.1	14ES160	Basics of Electrical and Electronics Engineering
7	H17	Physics Lab		10	0.1	14PH180	Physics Laboratory
8	H18	Chemistry Lab		10	0.1	14CH190	Chemistry Laboratory
9	H19	Engineering Graphics		10	0.1	14ME170	Engineering Graphics
10	T21	Engineering Mathematics II		0		14IT210	Engineering Mathematics II
11	T22	Information System Design		50	0.5	14IT220	Problem Solving Using Computers
12	T23	Digital System Design		0		14IT230	Digital System Design
13	T24	Computer Programming -I		50	0.5	14IT240	Information Systems
14	T25	Operating Systems : Configuration and use		50	0.5	14IT250	Environment Science
	T26	Environment and Ecology	New	100	1	14IT270	Free Open Source Software: Practice
15	T27	Operating System Lab		0		14IT280	Computer Programming Lab
16	T28	Computer Programming Lab		0		14IT290	Workshop
17	T29	Workshop		0		14IT310	Discrete Mathematics
18	T31	Engineering Mathematics III		0		14IT320	Object Oriented Programming
19	T32	Object Oriented Programming		0		14IT330	Computer Organization

20	T33	Computer Programming -II		0		14IT340	Data Structures and Algorithms
21	T34	Data Structures		0		14IT350	Operating Systems
22	T35	Data Bases: Practice		0.3		14IT370	Software Engineering
23	T36	Computer Organization		0		14IT380	Object Oriented Programming Lab
24	T37	Object Oriented Programming Lab		0		14IT390	Data Structures Lab
25	T38	Data Bases Lab	New	100	1	14IT410	Graph Theory and Combinatorics
26	T39	Data Structures Lab		50	0.5	14IT420	Java Programming
27	T41	Engineering Mathematics – IV		0		14IT430	Computer Networks
28	T42	Algorithms: Design Principles		0		14IT440	Data Base Management System
29	T43	Operating Systems: Principles	New	100	1	14IT450	Engineering Design
30	T44	Computer Networks		0		14IT470	Professional Communication
31	T45	Data Bases: Principles and Design	New	100	1	14IT4C1	Capstone Course-I
32	T46	System and DataCenter Administration		0		14IT480	Java Programming Lab
33	T47	Network Programming Lab		0		14IT490	Data Base Management System Lab
34	T48	System Admin Lab		50	0.5	14IT510	Probability and statistics
35	T49	Professional Communication		0		14IT520	Web Technologies
36	T51	Discrete Mathematics	New	100	1	14IT530	Network Security
37	T52	Software Engineering Methodologies		0		14IT541	Data Mining
38	T53	Information Storage and Management		30	0.3	14IT570	System Administration
39	T54	Information Security and Assurance		0		14IT580	Web Programming Lab
40	T55	Graphics and Visualization		0		14IT591	Network Management and Security Lab
41	T56	Platform Technologies		0		14IT610	Accounting and Finance
42				100		14IT620	Cloud Computing
43			New	100	1	14IT620	Cloud Computing
44	T57	Platform Technologies Lab		0		14IT630	Information Storage and Management
45	T58	Network Security Lab	New	100	1	14IT670	Mobile Application Development
46	T61	Operations Research	New	100	1	14IT680	Multimedia Lab
47	T62	Accounting and Finance	New	100	1	14IT690	Cloud Computing Lab
48	T63	Data Warehousing and Mining		0		14IT710	Management Theory and Practice

49	T64	Web Programming		0		14IT720	Wireless and Mobile Communication
	T67	Web Programming Lab	New	100	1	14IT770	Data Analytics
	T68	Software Tools Lab	New	100	1	14IT780	User Interface Design Lab
	T71	Management Theory and Practice	New	100	1	14IT7C0	Capstone Course-II
	T72	Wireless and Mobile Communication		0		14IT880	Project
	T78	Project		0		14ITPA0	Data Warehousing
	T84	Project	New	100	1	14ITPB0	Big data technologies
	TCA	Data warehousing	New	100	1	14ITPC0	Social network analysis
	TCB	Design and Analysis of Algorithms	New	100	1	14ITPD0	Digital Watermarking and Steganography
	TCC	Principles of Compiler Design	New	100	1	14ITPE0	Information theory and coding
	TCD:	Basics of Digital Systems		0		14ITPF0	Computer Forensics
	TCE	MULTICORE ARCHITECTURES		0		14ITPG0	Distributed System
	TCF	Data Mining	New	100	1	14ITPH0	Ubiquitous Computing
	TCG	Wireless and Mobile Computing		0		14ITPJ0	Object Oriented Analysis and Design
	TCH	Distributed Systems	New	100	1	14ITPK0	Software Quality Assurance
	TCI	ARTIFICIAL INTELLIGENCE		0		14ITPN0	Principles of Compiler Design
	TCJ	SOFTWARE DESIGN		0		14ITPM0	Artificial Intelligence
	TCK	Network Performance Analysis		0		14ITRN0	Design and Analysis of Algorithms
	TCM	Software Modeling and Analysis	New	100	1	14ITPQ0	Human Computer Interaction
	TCN	Multimedia Mining	New	100	1	14ITPR0	Computer Vision
	TCO	Machine Learning	New	100	1	14ITPS0	Information Retrieval
	TCP	Knowledge Based Systems	New	100	1	14ITPT0	Decision Support Systems
	TCQ	Bioinformatics	New	100	1	14ITPU0	Database Administration
	TCR	Grid Computing	New	100	1	14ITPV0	Cloud Security
	TCS	Principles of Operating Systems		0		14ITPZ0	Internet of Things
	TGA	Database Management Systems		0		14ITGD0	Database Management Systems
	TGB	Object Oriented Programming with Java		0		14ITGB0	Object Oriented Programming With Java
	TGC	SOFTWARE ENGINEERING		0		14ITGC0	Software Engineering

	TGD	Object Oriented Programming with C++		0		14ITGA0	Object Oriented Programming With C++
	T1A	Software Project Management		0		14ITRG0	Multi-core Architecture
	T1B	Cloud Computing	New	100	1	14ITRH0	Embedded Systems
	T1C	Data ware housing and Business Intelligence	New	100	1	14ITRP0	Robotics
	T1D	System Engineering	New	100	1	14ITRJ0	Theory of Computation
	T1E	Cloud Computing	New	100	1	14ITRM0	Wireless Ad hoc and Sensor Networks
	T1F	SPM using MSF and Agile Scrum Methodology	New	100	1	14ITPP0	Semantic Web
	T1G	Internet of Things	New	100	1	14ITPW0	Advanced Cryptography
	T1H	Big Data Platform and Technologies	New	100	1	14ITPY0	Information Security Auditing and Management
			New	100	1	14ITRQ0	Ethical Hacking
			New	100	1	14ITRB0	Parallel Computing
			New	100	1	14ITRC0	Software defined Networks
			New	100	1	14ITRK0	Numerical Methods
				0		14ITRL0	Operation Research
			New	100	1	14ITRR0	VIRTUAL REALITY AND ITS ADVANCEMENTS
			New	100	1	14ITRS0	SECURING INTERNET OF THINGS
			New	100	1	14ITRT0	Computation and Economics for social networks
			New	100	1	14ITRU0	TIME SERIES pattern ANALYSIS
				0		14ITRV0	MULTIMEDIA Mining
			New	100	1	14ITRW0	Programming Wireless sensor networks
			New	100	1	14TRY0	NETWORK AND SYSTEM SECURITY ANALYSIS
			New	100	1	14ITGE0	Data Science
			New	100	1	14ITGF0	Mobile App Development Using Android
			New	100	1	14ITGG0	Cloud Technologies

				0		14IT1B0	BIG data platform and technologies
			New	100	1	14IT1C0	Enterprise mobility
			New	100	1	14IT1D0	Techniques And Tools In Data Science
			New	100	1	14IT1E0	Hadoop Eco System Tools
			New	100	1	14IT1F0	Multimedia Retrieval Techniques
			New	100	1	14IT1G0	Cloud Application Development Tools
			New	100	1	14IT1H0	Virtualization Tools And Techniques
				0		14IT1J0	Programming For Internet Of Things
				0		14IT1K0	Practical approaches to networking
				0		14IT1L0	SPM using MSF AND AGILE SCRUM methodology
			New	100	1	14IT2A0	Malware Analysis
			New	100	1	14IT2B0	Secure Network Management
			New	100	1	14IT2C0	Offensive Security
			New	100	1	14IT2D0	Wireless Security Assessment
			New	100	1	14IT1N0	Time Series Forecasting
			New	100	1	14IT1P0	Applied Predictive Modelling using Python
			New	100	1	14IT1Q0	Watson Analytics
			New	100	1	14IT1S0	Big Data Analytics with Spark
			New	100	1	14IT1R0	Mobile App UI Test Automation
			New	100	1	14IT1T0	Enterprise application development using Spring
			New	100	1	14IT1G0	Cloud Application Development Tools
			New	100	1	14IT1H0	Virtualization Tools And Techniques
			New	100	1	14IT1M0	Augmented Reality
			New	100	1	14MAFA0	Graph Theory
			New	100	1	14MAFB0	Fuzzy Sets and Clustering
			New	100	1	14MAFC0	Number Theory
			New	100	1	14MAFD0	Mathematical Aptitude Methods
			New	100	1	14MAFE0	Mathematical Techniques

