

Course Outcomes for M.Tech - CSE(R15) for the year 2015-16

Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4	
Outcome	/SEMESTER	DATA STRUCTURES AND	L:4 T:0 P:0		
	I/I Sem	ALGORITHMS (A958101)			
After the co	mpletion of this cour	se the students should be able to			
1	Define knowledg	ge basic on data structures to store and	retrieve an ordered	or unordered	
	data. Such as, arrays, linked lists, trees, heaps, and hash tables.				
2	Learn to analyze	and to compare efficiency of an algori	thm.		
3	Understand the b	asic concepts of latest techniques. Hav	e concepts on tree	and graphs.	
4	Implement various projects on these data structures.				
5	Illustrate differen	Illustrate different pattern matching algorithms.			
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4	
Outcome	/SEMESTER	DATABASE	L:4 T:0 P:0		
	I/I Sem	INTERNALS(A958102)			
After the co	mpletion of this cour	se the students should be able to			
1	Differentiate the benefits in databa	file systems in database by enumeration ase systems.	g the features, fund	ction and its	
2	Demonstrate a cl	ear understanding on relational data m	odel.		
3	Transform an en	ity relation model on relational databa	se schema and to u	se Data	
	definition langua	ge.			
4	Demonstrate the	Demonstrate theory on normalization techniques and apply it effectively on a Database.			
5	Use SQL interface on a multi-user relational databases. Understand the concepts of distributed databases and various recovery method in Distributed DBMS				



Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code):	No. Of Hours L:4 T:0 P:0	Credits-4		
	IT Sem					
After the cor	mpletion of this cou	urse the students should be able to				
1	Explain distribut with its function	ed system design and its properties. List the ality	principles underlin	ed along		
2	Implement prob shortcomings fo	lems and challenges with these principles. E r solutions	valuate the effectiv	eness and		
3	Identify the prin	ciples that are based on these contemporary	y distributed system	ns.		
4	Explain its affect	on software design to identify the features.				
5	Design a distribu RMI services	uted system with specific requirements. Deve	elop a case study o	n CORBA,		
Course Outcome	YEAR /SEMESTER	Subject Name(Subject Code): NETWORKSECURITY(CORE	No. Of Hours L:4 T:0 P:0	Credits-4		
	I/I Sem	ELECTIVE-I) (A958104)				
After the cor	mpletion of this cou	urse the students should be able to				
1	Explain the mod	el for Network Security.				
2	Develop private cryptosystems.	and public key encryption techniques that c	an be used in mode	ern		
3	Illustrate the contract the contract the concepts for	ncepts of digital signatures and different aut web security and SET.	hentication protoco	ols. Explain		
4	Adapt different countermeasure	Intrusion Detection Techniques. Classify differed for real time problems	erent viruses, threa	ts and their		
5	Explain the firew cryptography an	vall and trusted systems with its importance. Id security	. Solve case studies	related		
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4		
Outcome	/SEMESTER I/I Sem	ANDROID APPLICATION DEVELOPMENT(COREELECTIVE- I) (A958105)	L:4 T:0 P:0			
After the cor	mpletion of this cou	urse the students should be able to	I			
1	Configure and	Install the tools used for Android application	tion development.	Design		
	and develop va	rious user Interfaces based on the Androi	d platform.			
2	Implement prog	rams using Java to develop Android applicat	ion.			
3	Classify, create,	display notification using Tools.				
4	Adapt different	persistent storage methods.				
5	Discuss SQLite d	scuss SQLite data base applications. Develop latest Location based services.				



Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code): CLOUD COMPUTING (CORE ELECTIVE-I) (A958106)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the cor	npletion of this cou	rse the students should be able to		I		
1	Discuss main con	cepts, key strengths, and limitations for	r cloud computing.			
2	Develop the archi including SaaS, P	Develop the architecture along with specific infrastructure on cloud computing, ncluding SaaS, PaaS, IaaS, public cloud, private cloud, hybrid cloud, etc.				
3	Explain the issues interoperability.	on cloud computing along with securi	ty, privacy, and			
4	Identify problems solutions. Provide application.	, and explain, analyze, and evaluate va the appropriate solutions on cloud co	arious cloud compu omputing based on	ting the		
5	Attempt to generate innovative ideas in cloud computing. Organize Data security in cloud computing.					
Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code): INTERNET OF THINGS(COREELECTIVE-I) (A958107)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the cor	nnletion of this cou	irse the students should be able to				
1	Describe the basic the protocols basic	c terminology, latest technology along ed on the concepts such as machine to	with its application machine.	ns. Discuss		
2	Illustrate the IOT	devices using Python Scripting Langua	ge.			
3	Develop an applic	ation with Raspberry PI platform.	5			
4	Implement these p	principles in many applications of IoT	devices.			
5	Design Real Time applications.	e problems on web API. Implement fra	me work on python	web		
Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code): MACHINE LEARNING (COREELECTIVE-II) (A958108)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the cor	mpletion of this coι	rse the students should be able to				
1	Discuss different a	application on Machine Learning prob	lems.			
2	Describe various a weaknesses.	Describe various algorithms on Machine Learning mentioning its strengths and weaknesses.				
3	Illustrate the basi performance of N	c theory focused on Machine Learning Iachine Learning algorithms with diffe	. Improve the rent parameters.			
4	Analyze current rorresearchers.	esearch papers. Understand the latest	issues raised by cu	rrent		
5	Develop different Dynamic Program	approaches to learn Inductive-Analyti ming.	cal. Adapt relation	ships to		



Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code): PARALLEL AND DISTRIBUTED ALGORITHMS(CORE ELECTIVE- II) (A958109)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the co	mpletion of this co	urse the students should be able to				
1	Apply knowledge	e of parallel and distributed computing tech	nniques with differe	nt methods.		
2	Design, develop	and analyze the performance of parallel an	d distributed applica	ations.		
3	Gain experience	on applications of fundamentals of Compu	ter Science methods	8.		
4	Adapt algorithms testing, and perfo	on the development of different parallel a rmance of a software system.	pplications. Elabora	te design,		
5	Discuss different sorting and Nume	Distributed Shared memory concepts. Lea erical algorithms.	rn Memory related	primitive,		
Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code): SOFTWARE ARCHITECTURE ANDDESIGN PATTERNS(CORE ELECTIVE-II) (A958110)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the co	mpletion of this co	urse the students should be able to	J.	1		
1 2	Design architectu Analyze its archit	re for different structural patterns. The system using its compo	nents. Develop crea	tional and		
3	structural patterns Illustrate the patterns	s. erns along with its importance and role. Le	arn and solve differ	ent patterns		
4	Discuss Interpreto Traffic Control.	or, mediator, iterator chain of responsibilit	ies. Adapt a problen	ns on Air		
5	Plan a case study	on utilization of architectural structures				
Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code): EMBEDDED SYSTEMS (CORE ELECTIV-II)(A958111)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the co	mpletion of this co	urse the students should be able to		1		
1	Explain embedd challenges. Desig	ed systems design with different techn n a custom single – purpose processor wit	ologies along with th combinational se	metrics and quential logic.		
2	Describe a optim operation.	Describe a optimizing of single – purpose processors along with basic architecture, operation.				
3	Define various ty about the various	pes of timers, Universal Asynchronous Ree s controllers for LCD, Keypad and Stepper	ceiver/Transmitter. Motor.	Explain		
4	Explain the differ arbitration meth	ent types of advanced RAM, Microprocess	sor interfacing and o	describe the		
5	Discuss the embe	edded software development process and gging tools.	Tools. Adapt variou	is simulators,		



Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code): BIG DATA ANALYTICS (OPEN ELECTIVE-I) (A958112)	No. Of Hours L:4 T:0 P:0	Credits-4			
After the co	mpletion of this cou	rse the students should be able to					
1	Illustrate a brief kr	nowledge and a state of art on big data anal	ytics.				
2	Make decisions on	Big Data analytics.					
3	Understand fundar	Understand fundamentals of Map Reduce and HBase.					
4	Adapt latest big da technically both in	Adapt latest big data technology such as NOSQL, Hadoop etc., Develop skills and models technically both in predictive and prescriptive that supports decision making in business.					
5	Determine the effe Implement Mobile	ctive communication skills, which include Analytics Tools.	s details of data an	alysis results.			
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4			
Outcome	/SEMESTER I/I Sem	BIOINFORMATICS(OPEN ELECTIVE-I) (A958113)	L:4 T:0 P:0				
After the co	mpletion of this cou	rse the students should be able to		I			
1	Discuss the basic k software informati	knowledge, concepts of computer science a on from large databases.	and biology. Descri	be existing			
2	Develop new and l	atest methods on problem –solving skills.					
3	Develop methods t	for element prediction.					
4	Design and analyz	e the methods on information theory.					
5	Adapt the depth co	protein tertiary structure predict	ion. Study new alg	orithms.			
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4			
Outcome	/SEMESTER I/I Sem	BIOMETRICS(OPEN ELECTIVE-I) (A958114)	L:4 T:0 P:0				
After the co	mpletion of this cou	rse the students should be able to					
1	Describe the know interpretations, the	ledge of behavioral and biological biometr	ics. Analyze differ	rent			
2	Discuss various professional problems. Capable to structure as well as formulate different scientific problems.						
3	Develop advanced	Develop advanced and independent research projects in biometrics.					
4	Implement biomet	rics applications and standards.					
5	Develop Image En Application Progra	hancement Techniques. Understand real til	me and current res	earch			



Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code): COMPUTERFORENSICS(OPEN ELECTIVE-I)(A958115)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the co	mpletion of this cou	urse the students should be able to	l			
1	Apply the appro	priate laws to identify, acquire, present	and examine dig	ital evident.		
2	Develop method fundamental cor	Develop methods related to industry to practice digital forensics & Illustrate the fundamental computer theory and practices				
3	Discuss principl forensics tools.	Discuss principles of digital forensics & Evaluate and optimize the effective digital forensics tools.				
4	Understand the	ole and field of information in digital f	orensics.			
5	Plan current and advanced Computer Forensics Tools & Discuss various Software and hardware based on Forensics.					
Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code):DISTRIBUTED SYSTEMS SECURITY(OPEN ELECTIVE-I)(A958116)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the co	mpletion of this cou	urse the students should be able to				
1	Discuss distribu	ted models and RPC events and modifi	cation.			
2	Describe princip challenges that a	les and critical issues in distributed system relevant in Distributed transactions.	stems & Solve the	e problems,		
3	Develop a real t	me case study to explore computer sys	tem.			
4	Classify and exp secure distribute	olore design of distributed security systemed system.	em & Implement	a simple and		
5	Understand tran case study servio	saction recovery, Replication and syste ces.	m model & Plan	a CORBA		
Course Outcome	YEAR /SEMESTER I/I Sem	Subject Name(Subject Code): DATA STRUCTURES AND ALGORITHMS LAB (A958117)	No. Of Hours L:0 T:0 P:4	Credits-2		
After the co	mpletion of this cou	urse the students should be able to	1			
1	Discuss the conce	pts of arrays, linked lists and hashing meth	nods.			
2	Understand the us	Understand the use of collision and resolution techniques.				
3	Implement algori	thms to solve problems like searching and	sorting.			
4	Develop problem	evelop problems including graphs, trees and heap.				



Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4		
Outcome	/SEMESTER	NETWORK PROGRAMMING	L:4 T:0 P:0			
	I/II Sem	(A958201)				
After the c	ompletion of this	course the students should be able to	L L			
1	Discuss the kno	wledge on networking.				
2	Understand the	Understand the concepts of protocols that support the internet & Classify the				
	interfaces and p	rograms for network communication.	2			
3	Illustrate the de	tail concepts of TCP/ UDP sockets & In	plement the RM	and client		
	server application	on.	1			
4	Develop advanc	e programming concepts using differen	t network commu	nications.		
5	Discuss Client/S	Server Programs with real time example	s & Plan a Applic	cation based		
	on Java RMI.		II II			
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4		
Outcome	SEMESTER	INFORMATION	L:4 T:0 P:0			
	I/II Sem	RETRIEVALSYSTEMS				
		(A958202)				
After the co	mpletion of this co	urse the students should be able to				
1	Define Vector sp	ace model & Understand various similarity	coefficient and me	asures.		
2	Develop an Unde	erstanding on Relevance feedback. Regressi	on Analysis. Thesa	uri.		
3	Understand the a	applications of clustering.				
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4	Apply various Re	trieval Utilities for Information Retrieval &	Develop an Unders	standing		
	about Signature	files, Duplicate document detection.				
5	Apply IR principle	es to locate relevant information large colle	ection of data & An	alvze the		
	model of distribu	ted retrieval web search.		,		
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4		
Outcome	/SEMESTER	INTERNET TECHNOLOGIES AND	L:4 T:0 P:0)		
	I/II Sem	SERVICES				
		(A958203)				
After the co	mpletion of this co	urse the students should be able to				
1	Discuss the prin	ciples of communication system.				
2	Understand prot	tocol and architectures of telecommunic	ation & Apply th	e basics of		
	network theory.	testing and monitoring system.	······································			
3	Ability to mana	ge Structs Framework & Compare tech	nical benefits of S	ervice		
	Oriented Archit	ecture and Web Services.				
4	Install and Cont	igure web service Framework.				
5	Develop Real T	ime Application son MVSOI database	& Describe Web	services and		
	anatomy of WSDL					



Course Outcome	YEAR /SEMESTER I/II Sem	Subject Name(Subject Code): DATA MINING (CORE ELECTIVE –III) (A958204)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the co	mpletion of this cou	rse the students should be able to				
1	Describe the con house.	Describe the concepts of preprocessing and data quality & Able to design Data ware nouse.				
2	Capable to apply	Capable to apply knowledge on advanced Classification and Clustering Methods.				
3	Apply deep conc Mining.	epts on clustering Techniques & Discover la	atest methods in 7	Гext		
4	Develop Web M	ining Methods for Real Time Problems.				
5	Adapt Temporal on Data Mining	Spatial Rules & Implement Tools used for c Applications.	current research p	oroblems		
Course Outcome	YEAR /SEMESTER I/II Sem	Subject Name(Subject Code): STORAGE AREA NETWORKS (CORE ELECTIVE –III) (A958205)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the co	mpletion of this cou	rse the students should be able to				
1	Discuss the nece	ssity of Performance evaluation and differer	nt metrics used.			
2	Develop techni	ques for data maintenance & Understand ev	olution of networ	rk storage.		
3	Identify key area	s in storage infrastructure.				
4	Illustrate information critical security a	ation Availability & Monitoring & Managin attributes for information system.	g Datacenter & D	Develop		
5	Implement Virtu problems.	al technology analyzing threats & Plan a cas	se study for real T	Time		
Course Outcome	YEAR /SEMESTER I/II Sem	Subject Name(Subject Code): SEMANTIC WEB AND SOCIALNETWORKS (CORE ELECTIVE –III) (A958206)	No. Of Hours L:4 T:0 P:0	Credits-4		
After the co	mpletion of this cou	rse the students should be able to				
1	Explain three generation of Web with knowledge & Ability to participate related to web projects.					
2	Understand the co analyze social net	Understand the concepts on web applications and web data & Develop search engines to analyze social networking sites.				
3	Describe technica	l affects related to web based computing metho	ods.			
4	Implement Linked	data using XML based web services.				
5	Analyze social ne Real time proble	etworks and its development & Build a sema ms	antic web applica	tion for		



Course Outcome	YEAR /SEMESTER I/II Sem	Subject Name(Subject Code): CYBER SECURITY (CORE ELECTIVE –III) (A958207)	No. Of Hours L:4 T:0 P:0	Credits-4	
After the co	mpletion of this cou	irse the students should be able to			
1	Describe the conc architecture and a	epts of Fundamentals of cyber security to cont articulate the threats.	rol threat & Analyz	e the	
2	Evaluate the featu	ares of information security and computer netw	vork in an organiza	tion.	
3	Illustrate the cybe	er security risk management to protect crucial in	nformation.		
4	Maintain the met methods for netw	hods for trouble shooting and levels in informa ork security policies , requirements needed.	tion security & Dev	velop	
5	Implement securi Law.	ty standards and publish & Understand IT act ,	copyright Act and p	oatent	
Course Outcome	YEAR /SEMESTER I/II Sem	Subject Name(Subject Code):BIG DATA ANALYTICS (COREELECTIVE – IV)(A958208)	No. Of Hours L:4 T:0 P:0	Credits-4	
After the co	mpletion of this cou	irse the students should be able to			
1	Describe Big Da formats of data.	ta and its importance & Discuss the differen	nt file structures a	nd	
2	Understand Map	Reduce and fundementals of it.			
3	Learn HBase ins Data Landscape	tallation and Hadoop Ecosystem & Discove ,RDBMS.	er latest technolog	y on Big	
4	Able to manage	resources and applications with HADOOP.			
5	Analyze Mobile mobile Analytic	Analytics and its types & Implement various s tools.	is technologies re	lated to	
Course Outcome	YEAR /SEMESTER I/II Sem	Subject Name(Subject Code): SOFT COMPUTING (CORE ELECTIVE – IV) (A958209)	No. Of Hours L:4 T:0 P:0	Credits-4	
After the co	mpletion of this cou	rse the students should be able to			
1	Learn Different	soft computing techniques and its role.			
2	Understand problem solving techniques and Fuzzy inference and Rules & Adapt different competitive Learning Networks.				
3	Discuss Self Org	Discuss Self Organizing Networks and Hebbian Learning.			
4	Adapt Neuro- Fu	nzzy Inference Systems & Develop Neuro fu	uzzy Modeling an	d its	
5	Implement appli computing techn	cation based on Computational Intelligence iques to solve problems.	& Integrate vario	ous soft	



Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4
Outcome	/SEMESTER	SOFTWARE PROCESS AND PROJEC	Γ L:4 T:0 P:0	
	I/II Sem	MANAGEMENT(CORE ELECTIVE-		
		IV)		
		(A958210)		
After the cor	npletion of this cour	se the students should be able to		-
1	Discuss and plan	n to execute projects based on required sta	andards.	
2	Understand the r	ange of tools used on project management	nt & analyze the co	oncepts
	related on project	et governance and methodologies.	-	-
3	Apply critical ar	alysis on solving problems and planning	process.	
4	Describe plannin	ng, Risk and issues management & Plan p	process, pragmatic	planning
	service delivery	and quality assurance.		
5	Develop project	on software management and communic	ation skills & Illust	rate
	deeper knowledg	ge and frameworks on real world scenario	DS.	T
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4
Outcome	/SEMESTER	DISTRIBUTED	L:4 T:0 P:0	
	I/II Sem	COMPUTING(CORE ELECTIVE –		
		IV) (A958211)		
After the cor	npletion of this cour	se the students should be able to		
1	Design to imple	ement distributed systems.		
2	Describe comp	utational thinking for applications on	client-server para	adigm &
	Apply knowled	ge to core architectural aspects of dis	tributed system.	
3	Describe the co	omponents of distributed databases s	uch as RPC.	
4	Illustrate the in	nportant methods on distributed com	ponents & Devel	ор
	distributed mu	Itimedia systems.		·
5	Adapt different	, characteristics on software agents a	nd resource mana	agement
	& Define grid c	omputation, benefits and application	S.	0
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4
Outcome	/SEMESTER	E – COMMERCE (OPEN ELECTIVE	- L:4 T:0 P:0	
	I/II Sem	II) (A958212)		
After the co	ompletion of this c	ourse the students should be able to		
1	Understand the d	concepts of E-Commerce consumer appli	cation.	
2	Demonstrate Ele	ectronic payment systems using smart car	ds & Analyze broa	d view of
	work flow and c	work flow and corporate Data warehouses		
3	Customize the s	upply chain management and digital docu	ments & Adapt ad	vertise and
-	marketing based	information.		
4	Discover new m	ethods and strategy for E-commerce infra	astructure.	
5	Discuss issues on	privacy and legal E-commerce & Develop e	lectronic and deskto	o video
_	processing			



Course Outcome	YEAR /SEMESTER I/II Sem	Subject Name(Subject Code): INTELLECTUAL PROPERTY RIGHTS (OPEN ELECTIVE-II) (A958213)	No. Of Hours L:4 T:0 P:0	Credits- 4		
After the co	ompletion of this co	urse the students should be able to				
1	Understand fundation.	mentals of confidential, copyrights, patents	s, designs, tradec	offs and		
2	Able to apply prin practical steps ne	nciples of law to issues related to intellectuated to valid and agreed.	al rights & adapt	the legal,		
3	Demonstrate to id describe current a	Demonstrate to identify, apply, protect intellectual property on new products & describe current and emerging trend on internet, biotechnology and other laws.				
4	Analyze critical a	nalysis arguments on intellectual property i	rights.			
5	Capable to anticip confidentiality ag	Capable to anticipate the development of trade secret Law & Apply Employee confidentiality agreement and breach of contact.				
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-		
Outcome	/SEMESTER I/II Sem	MOBILE COMPUTING (OPEN ELECTIVE-II) (A958214)	L:4 T:0 P:0	4		
After the co	mpletion of this co	urse the students should be able to				
1	Describe the meth	nods, principles on systematic programming	5.			
2	Develop applicati	ons on secure enterprise.				
3	Design and devel	op Wireless networks & Introduce J2ME A	rchitecture.			
4	Plan a Wireless D	Devices on Symbian OS & Discuss IP Multin	nedia Subsysten	18.		
5	Adapt the effective Synthesize approp	ness of user interface and interaction principle riate research trends	es & Implement a	าd		
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4		
Outcome	/SEMESTER I/II Sem	MOBILE APPLICATION SECURITY (OPEN ELECTIVE-II) (A958215)	L:4 T:0 P:0			
After the co	mpletion of this co	urse the students should be able to				
1	Understand the m	obile devices and its platforms.				
2	Describe the knowledge on mobile operating system wireless communication wit and architecture & Be familiar with Wireless communications and data transmissions					
3	Discuss mobile application for distribution & Ability to setup tools to program mobile applications.					
4	Categorize approp	priate mythologies on PDUs, converting XM	AL.			
5	Implement Secure summary frame we	Local storage on Enterprise Security & Impler ork.	nent a Security Fe	ature		



Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4			
Outcome	/SEMESTER I/II Sem	PRINCIPLES OF INFORMATION SECURITY (OPEN ELECTIVE-II) (A958216)	L:4 T:0 P:0				
After the co	mpletion of this co	urse the students should be able to		u.			
1	Understand the in	nportance of Information Security.					
2	Describe the need	and role of network security & illust	rate the Legal Eth	ics.			
3	Deploy the securi systems.	ty Technologies. & adapt various fire	walls and Intrusio	n detection			
4	Implement the tec	chniques used in cryptography.					
5	Plan methods for	information security & demonstrate it	t with Real Time p	problems.			
Course	YEAR	YEAR Subject Name(Subject Code): No. Of Hours Credits-2					
Outcome	/SEMESTER	INTERNET TECHNOLOGIES AND SERVICES LAB	L:0 T:0 P:4				
	I/II Selli	(A958217)					
After the co	mpletion of this co	urse the students should be able to					
1	Demonstrate the m	ethods for sending and receiving E-Mails	8.				
2	Implement the Java	Implement the Java HTML Scripting, JSP, VB Script.					
3	Create a web page to process online information.						
4	Design a Web page	e to submit online forms.					
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4			
Outcome	/SEMESTER	Seminar (A958218)	L:0 T:0 P:4				
	I/II Selli						
After the co	mpletion of this co	urse the students should be able to					
1	Identify the semina	ar topic and gather the literature related	to the topic.				
2	Plan and organize	the contents and prepare a perfect writte	en and oral present	ation.			
3	Explain how the to	pic chosen can be implemented in other	allied areas.				
4	Develop skills in pr	esentation and discussion related to rese	earch areas.				
Course Outcome	YEAR /SEMESTER II/I Sem	Subject Name(Subject Code): Comprehensive Viva-Voce (A958301)	No. Of Hours L:0 T:0 P:0	Credits-4			
1	Summarize all the	e subjects learnt in previous two seme	sters.				
2	Prepare to answer	any question from all the core subject	ets.				
3	Understand the pr	actical importance of the subjects in c	lepth.				
4	Improve the oral	presentation skills and gain confidenc	e.				
5	Explain the areas	of interest and concepts learnt thorou	ghlv.				
6	Develop the skills	s required which help them to face into	erviews in both ac	ademic and			
	private sectors.	1					
7	Asses their own s	trengths and weakness so as to improv	vise them.				
8	Understand the ov	verall importance of every subject and	l its practical appli	cation for			



	real world problem s	blem solving			
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-12	
Outcome	/SEMESTER II/I Sem	Project Work Review-I (A958302)	L:0 T:0 P:24		
After the cor	npletion of this course, t	he students should be able to			
1	Define the problem.				
2	Find a problem.				
3	Motivate the team.				
4	Discuss with team and theoretical concepts				
5	Demonstrate the requirements				
6	Integrate the ideas				
7	Choose appropriate methodology				
8	Infer different hypothesis and questions				
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-4	
Outcome	/SEMESTER	Project Work Review-II	L:0 T:0 P:8		
	II/I Sem	(A958401)			
After the cor	npletion of this course, t	the students should be able to			
1	Communicate it clearly				
2	Summarize the background literature				
3	Outline the various research methods.				
4	Propose a solution to the problem.				
5	Apply the methods according to the needs.				
6	Select and collect the data.				
7	Conduct the response ethically				
8	Analyze the empirical data.				
Course	YEAR	Subject Name(Subject Code):	No. Of Hours	Credits-12	
Outcome	/SEMESTER	Project Evaluation(viva-voce)	L:0 T:0 P:16		
	11/1 Sem	(A) 30402)			
After the co	mpletion of this course,	the students should be able to			
1	Organize, interpret and	Organize, interpret and evaluate data			
2	Solve and find different solutions related to context				
3	Determine the efficiency of the method.				
4	Prioritize the importance of method				
5	Simply the techniques in simple way				
6	Estimate the complexi	Estimate the complexity of the solution			

7	Prove the method is sustainable.	
8	Modify if based on the requirements.	