

Department of Computer Science and Engineering

SEMESTER	: VIII –A and B	NAME OF THE FACULTY	: Madhu G
BRANCH	: ISE	DATE OF COMMENCEMENT	: 21/01/2016
SUBJECT	: SOFTWARE ARCHITECTURE	DATE OF CLOSING	: 21/05/2016
SUBJECT CODE	: 10IS81	CLASS STRENGTH	: A 61 and B 62
NO OF HRS/WK	: 6	TOTAL HRS	: 63

Sessi on No	Chapter no (No of hrs planed for the chapter)	DATE	Topics planned for the session	Teaching Aids	Assignm ents/ Tests planned for the chapter	Topics covered As per plan
1	1/1	21/01/2016	UNIT 1: Introduction: Revision of concepts of software engineering. Introduction about Software architecture, Flow of the subject.	Chalk & Talk, Mind Mapping		
2	2/1	21/01/2016	Where do architectures come from? Software processes and the architecture business cycle.	„		
3	3/1	22/01/2016	What makes a “good” architecture? What software architecture is and what it is not; Other points of view.	„	Assignm ent- I	
4	4/1	22/01/2016	Architectural patterns, reference models and reference architectures; Importance of software architecture.	„		
5	5/1	23/01/2016	Architectural structures and views, Classification of views.	„		
6	6/1	23/01/2016	Revision of Unit 1	„		
7	1/2	28/01/2016	UNIT 2: Architectural Styles and Case Studies : Architectural styles: Definition and classification.	„		
8	2/2	28/01/2016	Data abstraction and object-oriented organization; Event-based, implicit invocation; Layered systems.	„		
9	3/2	29/01/2016	Repositories; Interpreters; Process control.	„		

10	4/2	29/01/2016	Other familiar architectures; Heterogeneous architectures.	„	Assignm ent -II	
11	5/2	30/01/2016	Case Studies: Keyword in Context.	„		
12	6/2	30/01/2016	Case Studies: Instrumentation software, Mobile robotics.	„		
13	7/2	04/02/2016	Case Studies: Cruise control, Three vignettes in mixed style.	„		
14	8/2	04/02/2016	Revision of Unit 2	„		
15	1/3	05/02/2016	UNIT 3: Quality : Functionality and architecture; Architecture and quality attributes.	„		
16	2/3	05/02/2016	System quality attributes; Quality attribute scenarios in practice; Other system quality attributes	„		
17	3/3	11/02/2016	Business qualities; Architecture qualities. Achieving Quality: Introducing tactics.	„	Assignm ent –III	
18	4/3	11/02/2016	Availability tactics; Modifiability tactics; Usability tactics	„		
19	5/3	12/02/2016	Performance tactics; Security tactics; Testability tactics.	„		
20	6/3	12/02/2016	Relationship of tactics to architectural patterns; Architectural patterns and styles.	„		
21	7/3	13/02/2016	Revision of Unit 3.	„		
22	1/8	13/02/2016	Unit 4: Architectural Patterns – 1 : Introduction;	„		
23	2/8	18/02/2016	From mud to structure.	„		
24	3/8	18/02/2016	Pipes and Filters	„	Assignm ent –IV	
25	4/8	25/02/2016	Blackboard	„		
26	5/8	25/02/2016	VTU Question Answers discussion	„		
27	6/8	26/02/2016	Revision of Unit 4	„		
28	1/4	26/02/2016	UNIT 5: Architectural Patterns – 2 : Distributed Systems:	„		
29	2/4	03/03/2016	Broker	„		
30	3/4	03/03/2016	Interactive Systems	„	Assignm ent -V	
31	4/4	04/03/2016	Model View Controller	„		

32	5/4	04/03/2016	Presentation-Abstraction-Control.	“		
33	6/4	05/03/2016	VTU Question Answers discussion	”		
34	1/5	05/03/2016	Revision of Unit 5	Chalk & Talk, PPT, Mind Mapping		
35	2/5	10/03/2016	UNIT 8: Designing and documenting Software Architecture: Architecture in the life cycle; Designing the architecture.	”		
36	3/5	10/03/2016	Forming the team structure; Creating a skeletal system.	”		
37	4/5	11/03/2016	Uses of architectural documentation; Views; Choosing the relevant views;	”	Assignment -VI	
38	5/5	11/03/2016	Documenting a view; Documentation across views.	”		
39	6/5	17/03/2016	Examples.	“		
40	7/5	17/03/2016	Revision of Unit 8.	”		
41	1/6	18/03/2016	UNIT 7: Some Design Patterns : Structural decomposition:	”		
42	2/6	18/03/2016	Whole – Part, Organization of work	”		
43	3/6	19/03/2016	Master – Slave	”		
44	4/6	19/03/2016	Access Control	”	Assignment -VII	
45	5/6	24/03/2016	Proxy.	”		
46	6/6	24/03/2016	VTU Question Answers discussion	”		
47	7/6	31/03/2016	Revision of Unit 7	“		
48	1/7	31/03/2016	Discussion on VTU Question Paper	”		
49	2/7	01/04/2016	UNIT 6: Architectural Patterns – 3 : Adaptable Systems:	”		
50	3/7	01/04/2016	Microkernel	”		
51	4/7	02/04/2016	Reflection	”	Assignment -VIII	

52	5/7	02/04/2016	Revision of Model View Controller	”		
53	6/7	07/04/2016	Revision of Reflection	”		
54	7/7	07/04/2016	VTU Question Answers discussion	”		
55		15/04/2016	Revision of Unit 6	”		
56		15/04/2016	Revision of Unit 1	Chalk & Talk, Mind Mapping		
57		16/04/2016	Revision of Unit 2	”		
58		16/04/2016	Revision of Unit 3	”		
59		21/04/2016	Revision of Unit 4	”		
60		21/04/2016	Revision of Unit 5	”		
61		22/04/2016	Revision of Unit 6	”		
62		22/04/2016	Revision of Unit 7	”		
63		23/04/2016	Revision of Unit 8	”		

Syllabus for Internal Assessment Tests (IAT) *

Sessional #	Syllabus
T1	Class # 01 - 24
T2	Class # 25 – 34
T3	Class # 35 –53

*: See calendar of events for the schedules of IATs.

Literature:

Book Type	Code	Author & Title	Publication information	
			Edition // Publisher	ISBN #
Text Book	TB1	Len Bass, Paul Clements, Rick Kazman: Software Architecture in Practice (Chapters 1, 2, 4, 5, 7, 9)	2nd Edition, Pearson Education, 2003.	978-81-7758-996-2
Text Book	TB2	Frank Buschmann, Regine Meunier, Hans Rohnert, Peter Sommerlad, Michael Stal: Pattern-Oriented Software Architecture, A System of Patterns Volume 1, John Wiley and Sons, 2007. (Chapters 2, 3.1 to 3.4)	Volume 1, John Wiley and Sons, 2007.	978-81-265-1611-7
Text Book	TB3	Mary Shaw and David Garlan: Software Architecture- Perspectives on an Emerging Discipline, (Chapters 1.1, 2, 3)	PHI, 2007.	978-81-203-1470-2

Reference	RB1	E. Gamma, R. Helm, R. Johnson, J. Vlissides: Design Patterns- Elements of Reusable Object-Oriented Software	Pearson Education, 1995.	978-81-317-0007-5
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Department of Information Science and Engineering

SEMESTER : VIII -A & B
BRANCH : ISE
SUBJECT : System Modeling & Simulation
SUBJECT CODE : 10CS82
NO OF HRS/WK : 6

NAME OF THE FACULTY : D.Sudha
DATE OF COMMENCEMENT: 21-1-2016
DATE OF CLOSING : 21-5-2016
CLASS STRENGTH : 123
TOTAL HRS : 62

Sessi on No	Chapter no (No of hrs planned for the chapter)	DATE	Topics planned for the session	Teaching Aids	Assignme nts/ Tests planned for the chapter	Topics covered As per plan
1	1/7	21-1-2016	PRE-REQUISITES UNIT – 1 INTRODUCTION : When simulation is the appropriate tool and when it is not appropriate	Chalk & Talk		
2	2/7	21-1-2016	Advantages and disadvantages of Simulation, Areas of application	„		
3	3/7	22-1-2016	Systems and system Environment , Components of a system-Discrete and continuous systems,	„		
4	4/7	22-1-2016	Model of a system, Types of Models, Discrete-Event System Simulation	„	Assignme nt- I	
5	5/7	23-1-2016	Steps in a Simulation Study, The basics of SpreadSheet-Simulation	Power Point		
6	6/7	23-1-2016	Simulation Example: Simulation of queuing systems in a spreadsheet	„		
7	7/7	28-1-2016	Revision	Chalk & Talk		
8	1/8	28-1-2016	UNIT-2 - General Principles, Simulation Software : Concepts in Discrete-Event Simulation	„		
9	2/8	29-1-2016	The Event-Scheduling / Time-Advance Algorithm, World Views	„		
10	3/8	29-1-2016	Manual simulation Using Event Scheduling	„	Assignme nt –II	
11	4/8	30-1-2016	List processing ,Basic properties, Operations-Using Arrays	„		
12	5/8	30-1-2016	Dynamic Allocation ,Linked Lists	„		
13	6/8	4-2-2016	Simulation in Java	„		
14	7/8	4-2-2016	Simulation in GPSS	„		

15	8/8	5-2-2016	Revision	"		
16	1/7	5-2-2016	UNIT 3- Statistical Models in Simulation : Review of terminology and concepts	"		
17	2/7	11-2-2016	Useful statistical models	"		
18	3/7	11-2-2016	Discrete Distributions	"		
19	4/7	12-2-2016	Continuous Distributions	"	Assignment –III	
20	5/7	12-2-2016	Poisson Process, Empirical distributions	"		
21	6/7	13-2-2016	Poisson Process, Empirical distributions	"		
22	7/7	13-2-2016	Revision	"		
23	1/8	18-2-2016	UNIT 5- Random-Number Generation, Random-Variate Generation Properties of random numbers	"		
24	2/8	18-2-2016	Generation of pseudo-random numbers ,Techniques for generating random numbers	"		
25	3/8	25-2-2016	Tests for Random Numbers	"		
26	4/8	25-2-2016	Tests for Random Numbers	"	Assignment –IV	
27	5/8	26-2-2016	Random- Variate Generation ,Inverse transform technique	"		
28	6/8	26-2-2016	Acceptance-Rejection technique	"		
29	7/8	3-3-2016	Special properties	"		
30	8/8	3-3-2016	Revision	"		
31	1/7	4-3-2016	UNIT 6 -Input Modeling : Data Collection	"		
32	2/7	4-3-2016	Identifying the distribution with data, Parameter Estimation	"		
33	3/7	5-3-2016	Goodness of Fit Tests	"		
34	4/7	5-3-2016	Fitting a non-stationary Poisson process	"		
35	5/7	10-3-2016	Selecting input models without data	"	Assignment -V	
36	6/7	10-3-2016	Multi-variate and Time-Series input models	"		
37	7/7	11-3-2016	Revision	"		
38	1/8	11-3-2016	UNIT 7 –Estimation Of Absolute performance[Output Analysis For A Single Model : Types of simulations	"		

			with Respect to Output analysis			
39	2/8	17-3-2016	Stochastic Nature of Output Data	”		
40	3/8	17-3-2016	Measures of Performance and their Estimation	”		
41	4/8	18-3-2016	Output Analysis for Terminating Simulations	”	Assignme nt –VI	
42	5/8	18-3-2016	Output Analysis for Terminating Simulations	”		
43	6/8	19-3-2016	Output analysis for steady-State Simulations. Problems	”		
44	7/8	19-3-2016	Output analysis for steady-State Simulations. Problems	”		
45	8/8	24-3-2016	Revision	”		
46	1/7	24-3-2016	UNIT - 8 -Verification, Calibration, and Validation; Optimization of simulation Models : Model Building	”		
47	2/7	31-3-2016	Verification, Validation, Verification of simulation models	”		
48	3/7	31-3-2016	Calibration, Validation of models	”	Assignme nt –VII	
49	4/7	1-4-2016	Calibration, Validation of models	”		
50	5/7	1-4-2016	Optimization, Optimization via Simulation	”		
51	6/7	2-4-2016	Optimization, Optimization via Simulation	”		
52	7/7	2-4-2016	Revision	”		
53	1/7	7-4-2016	UNIT 4 - Queuing Models : Characteristics of queuing Systems	”		
54	2/7	7-4-2016	Queuing notation	”		
55	3/7	15-4-2016	Long-run measures of performance of queuing Systems	”	Assignme nt -VIII	
56	4/7	15-4-2016	Steady-state behavior of M/G/1 queue	”		
57	5/7	16-4-2016	Networks of queues	”		
58	6/7	16-4-2016	Rough-cut modeling: An illustration	”		
59	7/7	21-4-2016	Revision	”		
60	1/3	21-4-2016	Revision	”		
61	2/3	22-4-2016	Revision	”		
62	3/3	22-4-2016	Revision	”		

Syllabus for Internal Assessment Tests (IAT) *

Sessional #	Syllabus
T1	Class # 01 – 19
T2	Class # 20 – 37
T3	Class # 38 - 58

*: See calendar of events for the schedules of IATs.

Literature:

Book Type	Code	Author & Title	Publication info	
			Edition & Publisher	ISBN #
Text Book	TB1	Jerry Banks, John S. Carson II, Barry L. Nelson, David M. Nicol: Discrete-Event System Simulation. (Listed topics only from Chapters-1 to 12)	5th Edition, Pearson Education ©2013	978- 8131796993
Reference	RB1	Averill M. Law: Simulation Modeling and Analysis	4th Edition, Tata McGraw-Hill, 2007.	9780070667334
Reference	RB2	Lawrence M. Leemis, Stephen K. Park: Discrete – Event Simulation:	A First Course, Pearson Education, 2006.	978- 0131429178

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Department of Computer Science and Engineering

SEMESTER : VIII	NAME OF THE FACULTY : SWATHY.L
BRANCH : ISE	DATE OF COMMENCEMENT : 21.01.16
SUBJECT : INFORMATION NETWORK SECURITY	DATE OF CLOSING : 21.05.16
SUBJECT CODE : 10IS835	CLASS STRENGTH : 61
NO OF HRS/WK : 6	TOTAL HRS : 62

Session No	Chapter no (No of hrs planned for the chapter)	DATE	Topics planned for the session	Teaching Aids	Assignments/ Tests planned for the chapter	Topics covered As per plan
1	1/1	21.01.16	UNIT 1: INTRODUCTION: Planning for Security: Introduction;	Chalk & Talk		
2	2/1	21.01.16	Information Security Policy, Standards, and Practices;	”		
3	3/1	22.01.16	The Information Security Blue Print;	”	Assignment- I	
4	4/1	22.01.16	Types of Security Policy	”		
5	5/1	23.01.16	Contingency plan .	”		
6	6/1	23.01.16	A model for contingency plan	”		
7	1/2	28.01.16	UNIT 2: SecurityTechnology-1: Introduction	”		
8	2/2	28.01.16	Physical design;	”		
9	3/2	29.01.16	Firewall: Firewalls Characteristics	”		
10	4/2	29.01.16	Firewalls types	”	Assignment -II	
11	5/2		Firewall configuration and Limitations	”		
		30.01.16				
12	6/2	30.01.16	Protecting Remote Connections	”		
13	7/2	04.02.16	Protecting Remote Connections,	”		

14	8/2	04.02.16	Revision	”		
15	1/4	05.02.16	UNIT 4: Cryptography: Introduction	”		
16	2/4	05.02.16	A short History of Cryptography; Principles of Cryptography	”		
17	3/4	11.02.16	Various Cryptographic Tools	”	Assignme nt –III	
18	4/4	11.02.16	Types of operation used in transformation	”		
19	5/4	12.02.16	Transposition Techniques	”		
20	6/4	12.02.16	Attacks on Cryptosystems	”		
21	7/4	13.02.16	Rotor machines , Steganography	”		
22	8/4	13.02.16	Security model	”		
23	1/5	18.02.16	UNIT 5: Introduction to Network Security,	”		
24	2/5	18.02.16	Authentication Applications: Attacks, services, and Mechanisms;	”		
25	3/5	25.02.16	Security Attacks;	”		
26	4/5	25.02.16	Security Services;	”	Assignme nt –IV	
27	5/5	26.02.16	A model for Internetwork Security;	”		
28	6/5	26.02.16	Internet Standards and RFCs Kerberos,	”		
29	7/5	03.03.16	X.509 Directory Authentication Service.	”		
30	1/6	03.03.16	UNIT 6: Electronic Mail Security:	”		
31	2/6	04.03.16	Pretty Good Privacy (PGP);	”		
32	3/6	04.03.16	Pretty Good Privacy (PGP); Cryptography key rings	”		
33	4/6	05.03.16	PGP sending and receiving component.	”	Assignme nt -V	
34	5/6	05.03.16	S/MIME-standards, MIME content types,	”		

			MIME Transfer Encoding.			
35	6/6	10.03.16	S/MIME functionality	”		
36	7/6	10.03.16	Cryptographic Algorithms, S/Mime Content Types.	”		
37	8/6	11.03.16	S/MIME- Use of Transfer Encoding	”		
38	1/7	11.03.16	UNIT 7: IP Security: IP Security Overview IP Security Architecture;	”		
39	2/7	17.03.16	IP Sec Services , Security Association	”		
40	3/7	17.03.16	Modes of transfer	”		
41	4/7	18.03.16	Authentication Header(AH Protocol)	”	Assignme nt -VI	
42	5/7	18.03.16	Anti replay service, transport mode and tunnel mode	”		
43	6/7	19.03.16	Encapsulating Security Payload; (ESP)	”		
44	7/7	19.03.16	Combining Security Associations;	”		
45	8/7	24.03.16	Key Management	”		
46	1/3	24.03.16	UNIT 3 Security Technology – 2: Introduction; Intrusion Techniques	”		
47	2/3	31.03.16	Approaches to Intrusion Detection Systems (IDS);	”		
48	3/3	31.03.16	Statistical Anomaly detection	”		
49	4/3	01.04.16	Rule based instruction detection	”	Assignme nt -VII	
50	5/3	01.04.16	Honey Pots, Honey Nets, and Padded cell systems;	”		
51	6/3	02.04.16	Distributed instruction detection	”		
52	7/3	02.04.16	Password management and selection strategy	”		
53	8/3	07.04.16	Scanning and Analysis Tools	”		
54	9/3	07.04.16	Malicious Software	”		
55	1/8	15.04.16	UNIT 8 Web Security: Web security requirements;	”		

56	2/8	15.04.16	Secure Socket layer (SSL)	”		
57	3/8	16.04.16	SSL Record Protocol Operation	”		
58	4/8	16.04.16	Transport layer Security (TLS);	”	Assignme nt -VIII	
59	5/8	21.04.16	Secure Electronic Transaction (SET)	”		
60	7/8	21.04.16	SET Participants,	”		
61	8/8	22.04.16	Payment Processing			
62	9/8	22.04.16	Revision			

Syllabus for Internal Assessment Tests (IAT)^{*}

Sessional #	Syllabus
T1	Class # 01 - 22
T2	Class # 23 – 45
T3	Class # 46 – 62

*: See calendar of events for the schedules of IATs.

Literature:

Book Type	Code	Author & Title	Publication info	
			Edition & Publisher	ISBN #
Text Book	TB1	Michael E. Whitman and Herbert J. Mattord: Principles of Information Security	2nd Edition, Cengage Learning, 2005	978-81-315-0952-4
Text Book	TB2	William Stallings: Network Security Essentials: Applications and Standards	3rd Edition, Pearson Education, 2007.	978-81-317-6175-5
Reference	RB1	Behrouz A. Forouzan: Cryptography and Network Security	Special Indian Edition, Tata McGraw-Hill, 2007	978-0-07-066046-5

Signature of faculty

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Signature of Principal

Department of Information Science and Engineering

SEMESTER : VIII NAME OF THE FACULTY : Mrs.Kanthimathi
BRANCH : ISE DATE OF COMMENCEMENT : 21.01.16
SUBJECT : ADHOC NETWORKS DATE OF CLOSING : 21.05.16
SUBJECT CODE : 10IS841 CLASS STRENGTH : 123

Sessio n No	Chapter no(No of hrs planed for the chapter)	Date	Topics Planned for the Session	Teaching Aids	Assignments/T ests Planned for the Chapter	Topics Cover ed as per Plan
1	1/1	21.01.16	UNIT 1: INTRODUCTION Introduction, Applications	Board, chalk, duster		
2	2/1	21.01.16	Issues in Ad hoc wireless Networks	„		
3	3/1	22.01.16	Issues in Ad hoc wireless Networks contd.	„		
4	4/1	22.01.16	Wireless Mesh & Sensor Network	„		
5	5/1	23.01.16	Wireless Mesh & Sensor Network contd.	„		
6	6/1	23.01.16	Ad hoc wireless Internet, Revision	„	Assignment 1 Issue date	
7	1/2	28.01.16	UNIT 2:MAC-1 Introduction and Issues in designing goals for MAC protocol	„		
8	2/2	28.01.16	Classification of MAC Protocols	„		
9	3/2	29.01.16	Contention based protocols: MAC- Wireless, Floor acquisition protocol	„		
10	4/2	29.01.16	Busy Tone Multiple Access Protocol	„	Assignment 1 Submission date	
11	5/2	30.01.16	Distributed Packet Reservation ,Collision Avoidance Protocol	„		

12	6/2	30.01.16	Hop Reservation , Soft Reservation Protocol	Board, chalk, duster		
13	7/2	04.02.16	5phase, MACA/Piggy Back	„		
14	8/2	04.02.16	Real Time MAC Protocol	„	Assignment 2 Issue date	
15	9/2	05.02.16	Revision	PPT		
16	1/3	05.02.16	UNIT 3: MAC – 2 Distributed Priority Scheduling	Board, chalk, duster		
17	2/3	11.02.16	Distributed wireless ordering Protocol	„	Assignment 2 Submission date	
18	3/3	11.02.16	Distributed Laxity based Protocol	„		
19	4/3	12.02.16	MAC with directional antenna	„		
20	5/3	12.02.16	Multichannel MAC Protocol	„		
21	6/3	13.02.16	Multichannel CSMA Protocol	„		
22	7/3	13.02.16	Power Control MAC Protocol, Receiver Based Auto Rate protocol	„		
23	8/3	18.02.16	Revision	PPT	Assignment 3 Issue date	
24	9/3	18.02.16	Revision	PPT		
25	1/4	25.02.16	UNIT6:TRANSPORT LAYER Introduction, Issues in designing a transport layer protocol for Ad hoc wireless Networks	Board, chalk, duster		
26	2/4	25.02.16	Design goals of a transport layer protocol for Ad hoc wireless Networks	„		
27	3/4	26.02.16	Classification of transport layer solutions	„	Assignment 3 Submission date	
28	4/4	26.02.16	TCP over Ad hoc wireless Networks	„		
29	5/4	03.03.16	Feedback TCP,TCP-ELFN	„		
30	6/4	03.03.16	TCP BUS,ADHOC TCP	„		
31	7/4	04.03.16	Split TCP	„	Assignment 4 Issue date	
32	8/4	04.03.16	Adhoc Transport protocol	„		
33	9/4	05.03.16	Revision	PPT		
34	1/5	05.03.16	UNIT 7: SECURITY Network security requirements	Board, chalk, duster		
35	2/5	10.03.16	Issues & challenges in security provisioning	„	Assignment 4 Submission date	
36	3/5	10.03.16	Network security attacks	„		
37	4/5	11.03.16	Key management	„		
38	5/5	11.03.16	Secure routing in Ad hoc wireless Networks- SEAD	„		

39	6/5	17.03.16	Secure aware Routing	„		
40	7/5	17.03.16	Revision	PPT	Assignment 5 Issue date	
41	1/6	18.03.16	UNIT 4: ROUTING-I Introduction, Issues in designing a routing protocol for Ad hoc wireless Networks	Board, chalk, duster		
42	2/6	18.03.16	Classification of routing protocols	„		
43	3/6	19.03.16	Table driven routing protocol - DSDV	„		
44	4/6	19.03.16	Table driven routing protocol - DSR	„		
45	5/6	24.03.16	Table driven routing protocol - WRP	„	Assignment 5 submission date	
46	6/6	24.03.16	On-demand routing protocol - AODV	„		
47	7/6	31.03.16	On-demand routing protocol-DORA	„		
48	8/6	31.03.16	On-demand routing protocol-ABR	„		
49	9/6	01.04.16	Revision	PPT		
50	1/7	01.04.16	UNIT 5: ROUTING-II Hybrid routing protocol- Core Extraction Routing	Board, chalk, duster	Assignment 6 Issue date	
51	2/7	02.04.16	Zone Routing protocol			
52	3/7	02.04.16	Routing protocols with effective flooding mechanisms-Preferred Link Based, Optimized Link state routing,	„		
53	4/7	07.04.16	Hierarchical state routing protocol	„		
54	5/7	07.04.16	Fisheye state Routing Protocol	„		
55	6/7	15.04.16	Power aware routing metrics	„		
56	7/7	15.04.16	Revision	PPT	Assignment 6 Submission date	
57	1/8	16.04.16	UNIT 8: QOS Introduction	Board, chalk, duster		
58	2/8	16.04.16	Issues and challenges in providing QoS in Ad hoc wireless Networks	„		
59	3/8	21.04.16	Classification of QoS solutions	„		
60	4/8	21.04.16	MAC layer solutions	„		
		22.04.16	MAC layer solutions contd.			
61	5/8	22.04.16	Network layer solutions.	„		
62	6/8	23.04.16	Revision	PPT		

Syllabus for Internal Assessment Tests (IAT)*

IAT #	Syllabus
T1	Sessions: 1-24
T2	Sessions: 25-49
T3	Sessions: 50-62

* : See calendar of events for the schedules of IATs.

Literature:

Book Type	Code	Author & Title	Publication information	
			Edition // Publisher	ISBN #
Text Book	TB1	C.Siva Ram Murthy & B.S Manoj: Ad hoc Wireless Networks,	2 nd Edition, Pearson Education, 2005.	9788131759095
Reference	RB1	Ozan K. Tonguz and Gianguigi Ferrari: : Ad hoc Wireless Networks	John Wiley, 2007.	9788126523047
Reference	RB2	Xiuzhen Cheng, Xiao Hung, Ding-Zhu Du: Ad hoc WirelessNetworking	Kluwer Academic Publishers, 2004.	978-1402077128
Reference	RB3	C.K. Toh: Adhoc Mobile Wireless Networks-Protocols andSystems	Pearson Education, 2002.	9788131715109

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