

DRONACHARYA

College of Engineering

KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department: IT, CSIT and ECS

Academic Session: 2017-18 (Jan-June 2018)

Lesson Plan for the Semester started w.e.f 08.01.2018

Subject with code: Network Programming (IT-302-F)

Name of Faculty with designation : POONAM YADAV, ASSISTANT PROFESSOR

Month	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Academic activity	Test / assignment
January	09.01.2018 Tuesday	VI-IT	1	Introduction to networking	Assignment of 02 Ques. given
January	10.01.2018 Wednesday	VI-IT	1	TC/IP Protocol architecture		Assignment of 02 Ques. given
January	11.01.2018 Thursday	VI-IT	1	Classful internet addresses,subnets, super netting		Assignment of 02 Ques. given
January	16.01.2018 Tuesday	VI-IT	1	address resolution,Protocol (RAP) and RARP		Assignment of 02 Ques. given
January	17.01.2018 Wednesday	VI-IT	1	IP datagram format,UDP and TCP/data grams		Assignment of 02 Ques. given
January	18.01.2018 Thursday	VI-IT	1	ICMP its purpose , FINGER, NET STAT details, IPconfig, Ping, TRACERT, ROUTE		Assignment of 02 Ques. given
January	23.01.2018 Tuesday	VI-IT	1	UNIT-1		REVISION
January	24.01.2018 Wednesday	VI-IT	2	Socket introduction		Assignment of 02 Ques. given
January	25.01.2018 Thursday	VI-IT	2	elementary TCP sockets		Assignment of 02 Ques. given
January	30.01.2018 Tuesday	VI-IT	2	TCP client sever, I/O functions, select& poll functions		Assignment of 02 Ques. given
February	1.02.2018 Thursday	VI-IT	2	socket options,elementary UDP sockets		Assignment of 02 Ques. given

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February	6.02.2018 Tuesday	VI-IT	2	elementary node and address conversions		Assignment of 02 Ques. given
February	7.02.2018 Wednesday	VI-IT	2	echo service (TCP and UDP)		Assignment of 02 Ques. given
February	8.02.2018 Thursday	VI-IT	2	UNIT-2		REVISION
February	20.02.2018 Tuesday	VI-IT	3	Algorithm and issues in server software design		Assignment of 02 Ques. given
February	21.02.2018 Wednesday	VI-IT	3	iterative connectionless servers		Assignment of 02 Ques. given
February	22.02.2018 Thursday	VI-IT	3	(UDP), Iterative		Assignment of 02 Ques. given
March	27.02.2018 Tuesday	VI-IT	3	Connection oriented servers (TCP)		Assignment of 02 Ques. given
April	28.02.2018 Wednesday	VI-IT	3	single process, concurrent servers		Assignment of 02 Ques. given
March	1.03.2018 Thursday	VI-IT	3	multiprotocol servers (TCP,UDP)		Assignment of 02 Ques. given
March	06.03.2018 Tuesday	VI-IT	3	multi service servers (TCP,UDP)		Assignment of 02 Ques. given
March	07.03.2018 Wednesday	VI-IT	3	UNIT-3		REVISION
March	8.03.2018 Thursday	VI-IT	4	Remote procedure call concept (RCP)		Assignment of 02 Ques. given
March	13.03.2018 Tuesday	VI-IT	4	RPC models		Assignment of 02 Ques. given
March	14.03.2018 Tuesday	VI-IT	4	analogy between RPC of client and server, remote programs and procedures		Assignment of 02 Ques. given
March	15.03.2018 Tuesday	VI-IT	4	their multiple versions and mutual exclusion communication semantics		Assignment of 02 Ques. given
March	27.03.2018 Tuesday	VI-IT	4	RPC retransmits		Assignment of 02 Ques. given
March	28.03.2018 Wednesday	VI-IT	4	dynamic port mapping,authentication		Assignment of 02 Ques. given

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March	29.03.2018 Thursday	VI-IT	4	Network file system concept of data link access		Assignment of 02 Ques. given
April	03.04.2018 Tuesday	VI-IT	4	debugging techniques		Assignment of 02 Ques. given
April	04.04.2018 Wednesday	VI-IT	4	Routing sockets		Assignment of 02 Ques. given
April	05.04.2018 Thursday	VI-IT	4	broadcasting to mobile network.		Assignment of 02 Ques. given
April	10.04.2018 Tuesday	VI-IT	4	UNIT-4		REVISION
April	11.04.2018 Wednesday	VI-IT	All			QUERIES
April	12.04.2018 Thursday	VI-IT	All			REVISION
April	23.04.2018 Thursday	VI-IT	All			REVISION