

Swami Vivekanand Mahavidyalaya, Udgir
Department of Computer Science
Annual/Semester Teaching Plan(2018-2019)
WINTER-2018



Name Of Lecturer: Dr Kodge B.G

Paper Name & Paper No.: Introduction to Programming in "C"

Class:M.Sc. (CM) FYI SEM

Sr. No.	Date	Day	Topic to be Taught
Unit – I : Getting Started With C			
1	10-Jul-18	Tuesday	History
2	11-Jul-18	Wednesday	Importance of C
3	12-Jul-18	Thursday	Basic Structure of C program
4	13-Jul-18	Friday	Pre-processor
5	16-Jul-18	Monday	C Character set
6	17-Jul-18	Tuesday	C Tokens
7	18-Jul-18	Wednesday	Identifiers & Keywords
8	19-Jul-18	Thursday	Constants
9	20-Jul-18	Friday	Variables
10	23-Jul-18	Monday	Data Types
11	24-Jul-18	Tuesday	Strings, Operators, Type Casting
UNIT II: Decision making, branching, & looping statements			
12	25-Jul-18	Wednesday	Introduction
13	26-Jul-18	Thursday	Decision making with
14	27-Jul-18	Friday	If statement
15	30-Jul-18	Monday	If-Else statements
16	31-Jul-18	Tuesday	Nested If-Else statements
17	1-Aug-18	Wednesday	Else If ladder
18	2-Aug-18	Thursday	switch statement
19	3-Aug-18	Friday	Looping statements
20	6-Aug-18	Monday	WHILE statement
21	7-Aug-18	Tuesday	DO – while statement
22	8-Aug-18	Wednesday	For Statement
UNIT III: Storage Classes & Arrays			
23	9-Aug-18	Thursday	Storage class
24	10-Aug-18	Friday	types
25	13-Aug-18	Monday	what is Array? Array Types
26	14-Aug-18	Tuesday	what is Array? Array Types
27	16-Aug-18	Thursday	Bounds checking
28	20-Aug-18	Monday	Bounds checking
29	21-Aug-18	Tuesday	Passing array elements to a function.

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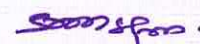
Class:M.Sc. (CM) FY II-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT IV: Functions & pointers			
30	23-Aug-18	Thursday	What is a function?
31	24-Aug-18	Friday	Advanced Features of Functions
32	27-Aug-18	Monday	Call by Value & Call by References
33	28-Aug-18	Tuesday	Recursion
34	29-Aug-18	Wednesday	Introduction to pointers
35	30-Aug-18	Thursday	Pointers & Arrays
36	31-Aug-18	Friday	Arrays of Pointers
37	3-Sep-18	Monday	Function Returning Pointers
38	4-Sep-18	Tuesday	Pointers to functions
UNIT V: Structures & Unions			
39	5-Sep-18	Wednesday	Introduction to structures
40	6-Sep-18	Thursday	Structure variables
41	7-Sep-18	Friday	Arrays within structure
42	10-Sep-18	Monday	Arrays within structure
43	11-Sep-18	Tuesday	Structure within structure
44	12-Sep-18	Wednesday	Structure within structure
45	14-Sep-18	Friday	Introduction to Union
UNIT VI: Input Output Functions in C			
46	17-Sep-18	Monday	Console I/O Functions
47	18-Sep-18	Tuesday	Disk I/ O Functions
48	19-Sep-18	Wednesday	What are strings?
49	21-Sep-18	Friday	String functions
50	24-Sep-18	Monday	Dynamic Memory Allocation

Remark:


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Name Of Lecturer: Mr. Gurude M.G.

Paper Name & Paper No.: Operating System

Class:M.Sc. (CM) FY I-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT I: Introduction to Operating System			
1	10-Jul-18	Tuesday	UNIT I: Introduction to Operating System
2	11-Jul-18	Wednesday	Importance of Operating System
3	12-Jul-18	Thursday	Basic Concept & Terminology
4	13-Jul-18	Friday	Extended Machine Concept
5	16-Jul-18	Monday	Hierarchical Machine Concept
6	17-Jul-18	Tuesday	Multi-User
7	18-Jul-18	Wednesday	Multiprocessor
8	19-Jul-18	Thursday	Multiprogramming
9	20-Jul-18	Friday	Multi-Tasking
UNIT II: Memory Management			
10	23-Jul-18	Monday	Single Contiguous memory management
12	24-Jul-18	Tuesday	Partition Memory Management
13	26-Jul-18	Thursday	Relocatable Partition Memory Management
14	27-Jul-18	Friday	Paged Memory Management
15	30-Jul-18	Monday	Paged Memory Management
16	31-Jul-18	Tuesday	Segmented Memory Management Technique
UNIT III: Processor Management			
17	1-Aug-18	Wednesday	What is Process?
18	2-Aug-18	Thursday	Process State model
19	3-Aug-18	Friday	Context Switching
20	6-Aug-18	Monday	Job Scheduling
21	7-Aug-18	Tuesday	Process Control Block
22	8-Aug-18	Wednesday	Process Scheduling
23	9-Aug-18	Thursday	Multiprocessor System
UNIT IV: Process Synchronization			
24	10-Aug-18	Friday	Race Condition
25	13-Aug-18	Monday	Synchronization Mechanism
26	14-Aug-18	Tuesday	Synchronization Mechanism
27	16-Aug-18	Thursday	Deadlock- techniques for handling deadlock
28	20-Aug-18	Monday	Deadlock- techniques for handling deadlock
29	21-Aug-18	Tuesday	Deadlock- techniques for handling deadlock

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Name Of Lecturer: Mr. Gurude M.G.

Paper Name & Paper No.: Operating System

Class:M.Sc. (CM) FY I-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT V: Device Management			
30	23-Aug-18	Thursday	Techniques of device Management
31	24-Aug-18	Friday	Device Characteristics
32	27-Aug-18	Monday	Device Characteristics
33	28-Aug-18	Tuesday	Channels & Control Units
34	29-Aug-18	Wednesday	Channels & Control Units
35	30-Aug-18	Thursday	Channels & Control Units
36	31-Aug-18	Friday	Modules of Device Management- I/O Traffic Controller
37	3-Sep-18	Monday	Modules of Device Management- I/O Traffic Controller
38	4-Sep-18	Tuesday	Modules of Device Management- I/O Traffic Controller
39	5-Sep-18	Wednesday	I/O Scheduler
40	6-Sep-18	Thursday	I/O Scheduler
41	7-Sep-18	Friday	Device Handler
42	10-Sep-18	Monday	Device Handler
UNIT VI: Information Management			
43	11-Sep-18	Tuesday	Simple File System
44	12-Sep-18	Wednesday	Simple File System
45	14-Sep-18	Friday	Simple File System
46	17-Sep-18	Monday	Management
47	18-Sep-18	Tuesday	Management
48	19-Sep-18	Wednesday	Channels & Control Units
49	21-Sep-18	Friday	General Model of file System
50	24-Sep-18	Monday	General Model of file System

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Annual/Semester Teaching Plan (2018-2019)

SUMMER-2019



Name Of Lecturer: Mr. Patil P.N.

Paper Name & Paper No.:RDBMS AND Oracle PL/SQL Class:M.Sc. (CM) FYI-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT I: Introduction and Basic Concepts			
1	Date	Day	Structure of DBMS
2	26-Dec-18	Wednesday	Advantages & Disadvantages of DBMS
3	27-Dec-18	Thursday	Relational Database :Attribute & Domains
4	28-Dec-18	Friday	Tuple
5	31-Dec-18	Monday	Relations and their schemes
6	2-Jan-19	Wednesday	Relational Algebra: Basic Operations
7	3-Jan-19	Thursday	Additional relational algebraic Operations
8	4-Jan-19	Friday	Relational Calculus: Tuple Calculus
9	7-Jan-19	Monday	Domain Calculus
10	8-Jan-19	Tuesday	Introduction to data constraints
12	9-Jan-19	Wednesday	Types of data constraints, Integrity rules
UNIT II: Introductions to Tools to Oracle			
13	10-Jan-19	Thursday	Introduction to SQL, DDL, DML commands
14	11-Jan-19	Friday	Data types, LOB Data type
15	14-Jan-19	Monday	CLOB, BLOB, BFILE SQL *Plus
16	15-Jan-19	Tuesday	Checking the SQLPLUS Environment
17	16-Jan-19	Wednesday	Oracle & Client - Server Technology
18	17-Jan-19	Thursday	Create Table, Alter Table, Drop Table, Insert, Update, Delete with „where“ clause Commands
19	18-Jan-19	Friday	Create Table, Alter Table, Drop Table, Insert, Update, Delete with „where“ clause Commands
20	21-Jan-19	Monday	Select command with all Options. SQL Queries and Function
21	22-Jan-19	Tuesday	Select command with all Options. SQL Queries and Function
22	23-Jan-19	Wednesday	Database views, Operation
23	24-Jan-19	Thursday	Operator Arithmetic, Comparison, Logical
UNIT III: Numbers and SQL Functions			
24	25-Jan-19	Friday	Oracle Dual Table
25	28-Jan-19	Monday	Query Expression Operators
26	29-Jan-19	Tuesday	Union, Minus Operator Precedence

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Paper Name & Paper No.:RDBMS AND Oracle PL/SQL Class:M.Sc. (CM) FYI-SEM

Sr. No.	Date	Day	Topic to be Taught
27	30-Jan-19	Wednesday	Character functions - initcap, lower, upper, trim, translate, length, Char
28	31-Jan-19	Thursday	Character functions - initcap, lower, upper, trim, translate, length, Char
29	1-Feb-19	Friday	Date functions - Sys_date, now_time, next_date, Add_months, Last_day, months_Between
30	4-Feb-19	Monday	Numeric functions - round, trunk, abs, cell, cos, exp, floor,
31	5-Feb-19	Tuesday	Conversion functions - To_Char, To_date, To_number
32	6-Feb-19	Wednesday	Conversion functions - To_Char, To_date, To_number
UNIT IV: Introduction to PL/SQL			
33	7-Feb-19	Thursday	Structure of PL/SQL Block
34	8-Feb-19	Friday	Condition logic, Loops
35	11-Feb-19	Monday	Exception Handling
36	12-Feb-19	Tuesday	Database Triggers
37	13-Feb-19	Wednesday	Introduction to Cursor & Locks PL/SQL Forms, Reports
38	14-Feb-19	Thursday	Introduction to Cursor & Locks PL/SQL Forms, Reports
UNIT V: Transactions			
39	18-Feb-19	Monday	Transaction Concept
40	19-Feb-19	Tuesday	Transaction State
41	20-Feb-19	Wednesday	ACID Properties of Database Implementations of Atomicity and Durability
42	21-Feb-19	Thursday	Concurrent Executions
43	20-Feb-18	Tuesday	Serializability, Recoverability
UNIT VI: Security & Database Triggers			
44	22-Feb-19	Friday	Creating User, Working with Privileges
45	26-Feb-19	Tuesday	Granting Privileges
46	27-Feb-19	Wednesday	Revoking Privileges
47	28-Feb-19	Thursday	Working With Roles
48	1-Mar-19	Friday	Working With Roles
49	4-Mar-19	Monday	Granting and Revoking roles
50	5-Mar-19	Tuesday	Granting and Revoking roles

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Name Of Lecturer: Dr Kodge B.G

Paper Name & Paper No.: Programming in C++

Class: M.Sc. (CM) FYII-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT I: Introduction to OOP's			
1	26-Dec-18	Wednesday	Introduction to OOP's
2	27-Dec-18	Thursday	Object oriented programming
3	28-Dec-18	Friday	Basic concept of OOP's
4	31-Dec-18	Monday	Benefits of OOP's, Tokens
5	1-Jan-19	Tuesday	keywords, Identifiers and constants
6	2-Jan-19	Wednesday	Basic data types, Operators in C++
7	3-Jan-19	Thursday	Operator precedence and associativity
8	4-Jan-19	Friday	Structure of C++ programming Type casting
9	7-Jan-19	Monday	Control Structure Sequential, Branching, Looping
Unit II: Functions, Class, objects in C++			
10	8-Jan-19	Tuesday	Function, Function prototype
12	9-Jan-19	Wednesday	Function, Function prototype
13	10-Jan-19	Thursday	Inline function
14	11-Jan-19	Friday	Default arguments
15	14-Jan-19	Monday	Default arguments
16	15-Jan-19	Tuesday	Default arguments
17	16-Jan-19	Wednesday	Function overloading, Specifying a class and object
18	17-Jan-19	Thursday	Nesting of member function
19	18-Jan-19	Friday	Memory allocation for objects
20	21-Jan-19	Monday	Visibility modes, Static data member and member function
21	22-Jan-19	Tuesday	Friend functions
22	23-Jan-19	Wednesday	Pointer to member
23	24-Jan-19	Thursday	Pointer to object
Unit III: Constructor and destructor			
24	28-Jan-19	Monday	Constructor, Types of constructor
25	29-Jan-19	Tuesday	Default constructor, Parameterized constructor
26	30-Jan-19	Wednesday	Copy constructor, Dynamic constructor
27	31-Jan-19	Thursday	Destructor, operator overloading and type conversions
28	1-Feb-19	Friday	Concept of operator overloading
29	4-Feb-19	Monday	Unary and binary operator overloading
30	5-Feb-19	Tuesday	Rules for overloading
31	6-Feb-19	Wednesday	Type conversions Basic to class
32	7-Feb-19	Thursday	Class to basic ,Class to class

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Paper Name & Paper No.: Programming in C++

Class: M.Sc. (CM) FYII-SEM

Sr. No.	Date	Day	Topic to be Taught
Unit IV: Inheritance and Polymorphism			
33	8-Feb-19	Friday	Concept of inheritance, Types of inheritance
34	11-Feb-19	Monday	Polymorphism, Virtual base class
35	12-Feb-19	Tuesday	Pointer to derived class
36	13-Feb-19	Wednesday	Pointer to derived class
37	14-Feb-19	Thursday	Rules for virtual functions
38	15-Feb-19	Friday	Pure virtual functions
Unit V: C++ I/O system			
39	18-Feb-19	Monday	Unit V: C++ I/O system
40	19-Feb-19	Tuesday	Overloading <<, Formatted console I/O operations
41	20-Feb-19	Wednesday	User define manipulator
42	21-Feb-19	Thursday	Classes for file stream operations
43	22-Feb-19	Friday	Opening and closing a file
44	26-Feb-19	Tuesday	Sequential and Random access
45	27-Feb-19	Wednesday	Error Handling During file operations, Command line arguments
Unit VI: Templates & string manipulation			
46	28-Feb-19	Thursday	Class Templates, Class templates with multiple Parameters
47	1-Mar-19	Friday	Function templates, Function templates with multiple parameters
48	4-Mar-19	Monday	Basic of Exception Handling, Exception handling mechanism
49	5-Mar-19	Tuesday	Creating string objects, Manipulating string objects, Relational operations
50	6-Mar-19	Wednesday	String Characteristics, Accessing characters in string

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Name Of Lecturer: Mr. Gurude M.G.

Paper Name & Paper No.: Software Engineering Class: M.Sc. (CM) FY(I)-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT I: The Product & Process			
1	26-Dec-18	Wednesday	The Evolving Role of Software
2	27-Dec-18	Thursday	Software Characteristics, Applications of Computer Software
3	28-Dec-18	Friday	The Software Myths
4	31-Dec-18	Monday	Software Engineering – A layered Technology
5	1-Jan-19	Tuesday	Software Process Model
6	2-Jan-19	Wednesday	The Capability Maturity Model Integration (CMMI)
7	3-Jan-19	Thursday	The Waterfall Model , Prototyping Model, Spiral Model, Fourth generation techniques
UNIT II: Management Concepts			
8	4-Jan-19	Friday	Management Spectrum, The People
9	7-Jan-19	Monday	The Product
10	8-Jan-19	Tuesday	The Process
12	9-Jan-19	Wednesday	The Project, Players
13	10-Jan-19	Thursday	Leaders & software team, Software scope
UNIT III: Software process and Project Metrics			
14	14-Jan-19	Monday	Measures Metrics and Indicators
15	15-Jan-19	Tuesday	Metrics in the process and project domains
16	16-Jan-19	Wednesday	Software Measurement:- - Size-Oriented Metrics
17	17-Jan-19	Thursday	Function-Oriented Metrics
18	18-Jan-19	Friday	Extended Function Point Metrics
UNIT IV: Software Project Planning			
19	21-Jan-19	Monday	Observations on Estimating
20	22-Jan-19	Tuesday	Project Planning Objectives
21	23-Jan-19	Wednesday	Software Scope
22	24-Jan-19	Thursday	Resources
23	25-Jan-19	Friday	Software Project Estimation

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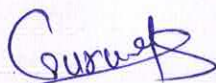


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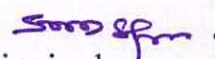
Paper Name & Paper No.: Software Engineering Class: M.Sc. (CM) FYII-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT V: Risk Analysis and & Software Quality Assurance			
24	28-Jan-19	Monday	Software Risks
25	29-Jan-19	Tuesday	Risk Identification
26	30-Jan-19	Wednesday	Risk Projection, Quality Concepts
27	31-Jan-19	Thursday	Software Quality Assurance
28	1-Feb-19	Friday	Software Reviews, Formal Technical Reviews
UNIT VI: Software Testing Technique & Strategies			
29	4-Feb-19	Monday	Software Testing Fundamentals
30	5-Feb-19	Tuesday	Software Testing Fundamentals
31	6-Feb-19	Wednesday	White Box Testing
32	7-Feb-19	Thursday	White Box Testing
33	8-Feb-19	Friday	Basic Path Testing
34	11-Feb-19	Monday	Basic Path Testing
35	12-Feb-19	Tuesday	Control Structure Testing
36	13-Feb-19	Wednesday	Control Structure Testing
37	14-Feb-19	Thursday	Black Box Testing
38	15-Feb-19	Friday	Black Box Testing
39	18-Feb-19	Monday	A Strategic Approach to Software Testing
40	19-Feb-19	Tuesday	A Strategic Approach to Software Testing
41	20-Feb-19	Wednesday	Unit Testing, Integration Testing
42	21-Feb-19	Thursday	Unit Testing, Integration Testing
43	22-Feb-19	Friday	Unit Testing, Integration Testing
44	26-Feb-19	Tuesday	Top-down Integration
45	27-Feb-19	Wednesday	Top-down Integration
46	28-Feb-19	Thursday	Top-down Integration
47	1-Mar-19	Friday	Bottom-up Integration
48	4-Mar-19	Monday	Validation Testing
49	5-Mar-19	Tuesday	Validation Testing
50	6-Mar-19	Wednesday	System Testing

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SUMMER-2019



Name Of Lecturer: Mr.Gharge D.M.

Paper Name & Paper No.: Programming with Visual Basic 6.0

Class:M.Sc. (CM)

FYII-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT I: INTRODUCTION TO VISUAL BASIC-			
1	26-Dec-18	Wednesday	Event Driven Programming, Understanding VB Environment
2	27-Dec-18	Thursday	Project explorer, Properties window
3	28-Dec-18	Friday	Tool Box, Form Lay Out window
4	31-Dec-18	Monday	Property Pages
5	1-Jan-19	Tuesday	Saving and printing pages
6	2-Jan-19	Wednesday	Running application, Code window
7	3-Jan-19	Thursday	Naming conventions
8	4-Jan-19	Friday	Variables(All data types)
9	7-Jan-19	Monday	Scope (Global/local/static) , Constants
UNIT II: VISUAL BASIC CONTROLS-			
10	8-Jan-19	Tuesday	Label controls, Textbox controls
12	9-Jan-19	Wednesday	Command controls, Picture Box
13	10-Jan-19	Thursday	Picture Box
14	11-Jan-19	Friday	Frame controls
15	14-Jan-19	Monday	Checkbox controls
16	15-Jan-19	Tuesday	Option Box controls
17	16-Jan-19	Wednesday	List Box controls
18	17-Jan-19	Thursday	Combo Box
19	18-Jan-19	Friday	Directory, File, Drive List Box controls
20	21-Jan-19	Monday	Formatting controls, Control Array, Tab Order
UNIT III: WORKING WITH FUNCTION AND CONTROL STATEMENTS			
21	23-Jan-19	Wednesday	String function, Mathematical function
22	24-Jan-19	Thursday	Date function
23	25-Jan-19	Friday	Data type conversion function
24	28-Jan-19	Monday	If and IF- else statements
25	29-Jan-19	Tuesday	Select case statements
26	30-Jan-19	Wednesday	Select case statements

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Name Of Lecturer: Mr.Gharge D.M.

Paper Name & Paper No.: Programming with Visual Basic 6.0

Class:M.Sc. (CM)

FYII-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT IV: DIALOG BOXES AND MENUS			
27	31-Jan-19	Thursday	MSG Box, Input box
28	1-Feb-19	Friday	MSG Box, Input box
29	4-Feb-19	Monday	Common dialog box
30	5-Feb-19	Tuesday	Common dialog box
31	6-Feb-19	Wednesday	Creating Menus
32	7-Feb-19	Thursday	Creating Menus
33	8-Feb-19	Friday	Other common controls (MS windows common controls 6.0, 3.6.0)
UNIT V: ACCESSING DATA			
34	11-Feb-19	Monday	Reading and writing files
35	12-Feb-19	Tuesday	Data from wizard
36	13-Feb-19	Wednesday	Data from wizard
37	14-Feb-19	Thursday	Data control, Data grid control
38	15-Feb-19	Friday	DB combo box, DB List Box
39	18-Feb-19	Monday	DB combo box, DB List Box
40	19-Feb-19	Tuesday	DB combo box, DB List Box
UNIT VI: ACTIVE X CONTROL AND WINDOWS API			
41	20-Feb-19	Wednesday	Creating your own Active X control
42	21-Feb-19	Thursday	Creating your own Active X control
43	22-Feb-19	Friday	Adding active X Control to project
44	26-Feb-19	Tuesday	Adding active X Control to project
45	27-Feb-19	Wednesday	Introduction to Windows API
46	28-Feb-19	Thursday	Introduction to Windows API
47	1-Mar-19	Friday	DLL,s
48	4-Mar-19	Monday	Declare statements
49	5-Mar-19	Tuesday	Declare statements
50	6-Mar-19	Wednesday	Calling API Routine

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Name Of Lecturer: Mr. Patil P.N.

Paper Name & Paper No.:Next Generation Networks Class:M.Sc. (CM) FYII-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT I: Converged Services for Next Generation Networks			
1	26-Dec-18	Wednesday	GSM/UMTS Network protocols: SS7 and Standard basics
2	27-Dec-18	Thursday	GSM/UMTS Network protocols: SS7 and Standard basics
3	28-Dec-18	Friday	Supplementary Services: UMTS procedures
4	31-Dec-18	Monday	Intelligent Network: IN principles
5	1-Jan-19	Tuesday	CAMEL, Services: what are the challenges
6	2-Jan-19	Wednesday	Integration, deployment issues
UNIT II: Introduction to Next Generation Networks			
7	3-Jan-19	Thursday	IMS: the convergence. NGN architecture
8	4-Jan-19	Friday	NGN control architectures and protocols
9	7-Jan-19	Monday	Multi-access to the services: 3G, Wi-Fi, DSL
10	8-Jan-19	Tuesday	Cable. TISPAN, SIP, Service architectures
12	9-Jan-19	Wednesday	Service architectures, Transition of networks (PSTN, IP-based) to NGN, Ipv6-based NGN,
13	10-Jan-19	Thursday	MEGACO, H.248, P2P systems, P2P SIP
14	11-Jan-19	Friday	Social Networks: Web-NGN convergence
15	14-Jan-19	Monday	Telco 2.0, IPTV, RCS. UMTS
16	15-Jan-19	Tuesday	standardized 3GPP: Standardization process and principles in ETSI and 3GPP
17	16-Jan-19	Wednesday	Functionalities standardized in UMTS from Release 99 to Release 9. Latest 3GPP updates: what happened in 2010?
UNIT III: Wireless Access and Transport Technologies			
18	18-Jan-19	Friday	RAN architecture : Radio Access Network Architecture for GSM
19	21-Jan-19	Monday	GPRS and UMTS, network devices, interfaces and protocols
20	22-Jan-19	Tuesday	QoS definition and management in GPRS and UMTS
21	23-Jan-19	Wednesday	Access methods and radio resource management in mobile networks
22	24-Jan-19	Thursday	Access methods and radio resource management in mobile networks

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Name Of Lecturer: Mr. Patil P.N.

Paper Name & Paper No.: Next Generation Networks Class: M.Sc. (CM) FYII-SEM

Sr. No.	Date	Day	Topic to be Taught
UNIT IV: CDMA systems and OFDMA systems			
23	25-Jan-19	Friday	Scheduling issues for GPRS, UMTS
24	28-Jan-19	Monday	WiMAX : downlink, uplink Physical to logical
25	29-Jan-19	Tuesday	channel mapping: for GSM
26	30-Jan-19	Wednesday	for UMTS Procedure and protocol used for resource allocation
27	31-Jan-19	Thursday	for UMTS Procedure and protocol used for resource allocation
28	1-Feb-19	Friday	PDP Context and TBF allocation
UNIT V: WPAN, WLAN, WMAN and Broadcast technologies			
29	4-Feb-19	Monday	WLAN, WPAN, WMAN, DVB-H: Introduction
30	5-Feb-19	Tuesday	WiFi: Standards, performance, usage and applications
31	6-Feb-19	Wednesday	new evolutions ,WiMAX
32	7-Feb-19	Thursday	DVB-H :Usage and standard
33	8-Feb-19	Friday	Security :Basics, architectures, algorithms
34	11-Feb-19	Monday	Bluetooth: Standard, performance
35	12-Feb-19	Tuesday	Bluetooth: Standard, performance
36	13-Feb-19	Wednesday	Zigbee, UWB: Standards and usage
37	14-Feb-19	Thursday	Service discovery in wireless Networks (jxta, UPnP,...)
38	15-Feb-19	Friday	Security in Wireless Networks: PANs
39	18-Feb-19	Monday	LANs and cellular Wireless Networks Simulation (tools and methods)
UNIT VI: Optimization: Theory and Network applications			
40	19-Feb-19	Tuesday	Graph algorithms, linear programming basics
41	20-Feb-19	Wednesday	Introduction to Integer programming
42	21-Feb-19	Thursday	Traffic engineering
43	22-Feb-19	Friday	Traffic engineering
44	26-Feb-19	Tuesday	Network topology calculus
45	27-Feb-19	Wednesday	Network optimal routing and dimensioning
46	28-Feb-19	Thursday	Network optimal routing and dimensioning
47	1-Mar-19	Friday	Frequency assignment
48	4-Mar-19	Monday	Frequency assignment
49	5-Mar-19	Tuesday	Pricing
50	6-Mar-19	Wednesday	Pricing

Remark:

Teacher

HOD

Principal
Principal
Swami Vivekanand
Mahavidyalaya Udgir