

Swami Vivekanand Mahavidyalaya, Udgir

Department of Computer Science

Annual/Semester Teaching Plan (2019-20)

Winter-2019

Name of Lecturer : Mr. Gurde M. G. Class: MSc CS FY(Sem-1)

Paper Name & Paper No.: Comp. Archi. & Microprocessor (CS-101)



Sr. No.	Date	Day	Topic
Unit 1: Design Methodology			
1	26-Dec-18	Wednesday	Evolution of Computers
2	27-Dec-18	Thursday	Evolution of Computers
3	28-Dec-18	Friday	Introduction to system modeling
4	31-Dec-18	Monday	Introduction to system modeling
5	1-Jan-19	Tuesday	Design Methodology of Combinational and Sequential circuits-Gate level
6	2-Jan-19	Wednesday	Design Methodology of Combinational and Sequential circuits-Gate level
7	3-Jan-19	Thursday	Register level and Processor level.
8	4-Jan-19	Friday	Register level and Processor level.
Unit 2 :Binary Arithmetic			
9	7-Jan-19	Monday	Fixed point arithmetic's and algorithms for addition
10	8-Jan-19	Tuesday	Fixed point arithmetic's and algorithms for addition
11	9-Jan-19	Wednesday	subtraction
12	10-Jan-19	Thursday	subtraction
13	11-Jan-19	Friday	multiplication and division
14	14-Jan-19	Monday	multiplication and division
15	15-Jan-19	Tuesday	Floating point arithmetic's and algorithms for addition
16	16-Jan-19	Wednesday	Floating point arithmetic's and algorithms for addition
17	17-Jan-19	Thursday	subtraction
Unit 3 Processors Design & Control Units			
18	18-Jan-19	Friday	CPU organization
19	21-Jan-19	Monday	Data representation
20	22-Jan-19	Tuesday	Instruction Sets –Format
21	23-Jan-19	Wednesday	types, Implementation
22	24-Jan-19	Thursday	CICS and RISC
23	25-Jan-19	Friday	Control Unit-Hardwired control and design examples
24	28-Jan-19	Monday	Micro programmed control unit
25	29-Jan-19	Tuesday	pipeline control
26	30-Jan-19	Wednesday	Interrupt and their types and Branch Instruction processing

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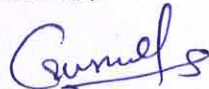
Name Of Lecturer : Mr. Gurde M. G. Class: MSc CS FY(Sem-1)


Paper Name & Paper No.: Comp. Archi. & Microprocessor (CS-101)

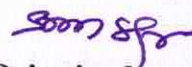


Sr. No.	Date	Day	Topic
UNIT 4 : Memory Organization			
27	31-Jan-19	Thursday	Memory Technologies
28	1-Feb-19	Friday	Memory System
29	4-Feb-19	Monday	Virtual memory
30	5-Feb-19	Tuesday	Memory hierarchies
31	6-Feb-19	Wednesday	Main memory -allocation
32	7-Feb-19	Thursday	Segmentation
33	8-Feb-19	Friday	High speed Cache Memory
34	11-Feb-19	Monday	interleaved and associative memories
Unit 5 : 8085 & 8086 Microprocessor			
35	12-Feb-19	Tuesday	Architecture of 8085 Microprocessor
36	13-Feb-19	Wednesday	Features of 8085
37	14-Feb-19	Thursday	Timing diagram of Memory read
38	15-Feb-19	Friday	memory write
39	18-Feb-19	Monday	Op code fetch and execute cycle
40	19-Feb-19	Tuesday	Op code fetch and execute cycle
41	20-Feb-19	Wednesday	Op code fetch and execute cycle
42	21-Feb-19	Thursday	Architecture of 8086 Microprocessor-EU and BIU
43	22-Feb-19	Friday	Architecture of 8086 Microprocessor-EU and BIU
44	26-Feb-19	Tuesday	Features of 8086
45	27-Feb-19	Wednesday	Features of 8086
46	28-Feb-19	Thursday	Pin diagram of 8086
47	1-Mar-19	Friday	Addressing modes
48	4-Mar-19	Monday	Instruction set classification
49	5-Mar-19	Tuesday	Assembly language programming of 8086
50	6-Mar-19	Wednesday	Assembly language programming of 8086

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Annual/Semester Teaching Plan (2019-2020)
Winter-2019



Name Of Lecturer: Mr. Daimi R.A.

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

Paper Name & Paper No.: OOP Concepts using C++

Sr No.	Date	Day	Topic to be Taught
UNIT-I: Introduction and basic concepts of C++			
1	8-Jul-19	Monday	Procedure Oriented Programming
2	9-Jul-19	Tuesday	Object Oriented Programming Paradigm
3	10-Jul-19	Wednesday	Basic concepts of OOP's
4	11-Jul-19	Thursday	Benefits and Applications
5	15-Jul-19	Monday	Structure of C++ program.
UNIT-II: Tokens, Operators and Functions in C++			
6	16-Jul-19	Tuesday	Keywords
7	17-Jul-19	Wednesday	Identifiers
8	18-Jul-19	Thursday	Data-types
9	19-Jul-19	Friday	Operators in C++
10	22-Jul-19	Monday	Operator precedence and associativity
11	23-Jul-19	Tuesday	Control structures
12	24-Jul-19	Wednesday	branching and looping statements
13	25-Jul-19	Thursday	Function
14	26-Jul-19	Friday	function prototype
15	29-Jul-19	Monday	default arguments
16	30-Jul-19	Tuesday	Reference variable
17	31-Jul-19	Wednesday	call by reference
18	1-Aug-19	Thursday	return by reference
19	2-Aug-19	Friday	Inline function
20	5-Aug-19	Monday	function overloading
UNIT-III: Class and object, Constructor and destructor			
21	19-Jul-17	Wednesday	Class and object: Specifying a class and object
22	20-Jul-17	Thursday	Nesting of member function
23	21-Jul-17	Friday	Memory allocation for objects
24	24-Jul-17	Monday	Static data member
25	25-Jul-17	Tuesday	static function
26	26-Jul-17	Wednesday	Friend function
27	27-Jul-17	Thursday	Constructor and destructor: Introduction to Constructor
28	28-Jul-17	Friday	Types of constructor
29	31-Jul-17	Monday	Destructor

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Name Of Lecturer: Mr. Daimi R.A.

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

Paper Name & Paper No.: OOP Concepts using C++

Sr No.	Date	Day	Topic to be Taught
UNIT-IV: Inheritance and polymorphism			
30	1-Aug-17	Tuesday	Types of inheritance
31	2-Aug-17	Wednesday	Virtual base class
32	3-Aug-17	Thursday	Operator overloading (Unary and binary)
33	4-Aug-17	Friday	Virtual function and there rules
34	7-Aug-17	Monday	Purevirtual function
35	8-Aug-17	Tuesday	Abstract class
36	9-Aug-17	Wednesday	Pointer to object
37	10-Aug-17	Thursday	This pointer.
UNIT-V: Input / Output Operation			
38	11-Aug-17	Friday	Console I/O operation
39	14-Aug-17	Monday	formatted I/O
40	16-Aug-17	Wednesday	unformatted I/O
41	18-Aug-17	Friday	C++ classes for console I/O
42	21-Aug-17	Monday	C++ stream classes for file I/O,
43	22-Aug-17	Tuesday	Opening a file
44	23-Aug-17	Wednesday	closing file
45	24-Aug-17	Thursday	sequential access to a file
46	25-Aug-17	Friday	random access to a file
47	28-Aug-17	Monday	Error handling duringa file operation
48	29-Aug-17	Tuesday	Error handling duringa file operation
49	30-Aug-17	Wednesday	command line arguments,
50	31-Aug-17	Thursday	Introduction to Templates.

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Name Of Lecturer: Dr. Kodge B. G. **Class:** M. Sc. (CS) FY I-SEM
Paper Name & Paper No.: Mathematical Foundation for Computer Science

Sr No.	Date	Day	Topic to be Taught
UNIT-I:			
1	8-Jul-19	Monday	Sets
2	9-Jul-19	Tuesday	Venn diagrams
3	10-Jul-19	Wednesday	Laws of set theory
4	11-Jul-19	Thursday	Power set and Products
5	15-Jul-19	Monday	Partitions of sets
6	16-Jul-19	Tuesday	The Principle of Inclusion and Exclusion.
UNIT-II:			
7	17-Jul-19	Wednesday	Propositions and logical operations
8	18-Jul-19	Thursday	Equivalence
9	19-Jul-19	Friday	Implications
10	22-Jul-19	Monday	Laws of logic
11	23-Jul-19	Tuesday	Normal Forms
12	24-Jul-19	Wednesday	Predicates and Quantifiers
13	25-Jul-19	Thursday	Mathematical Induction
UNIT-III:			
14	26-Jul-19	Friday	Relations
15	29-Jul-19	Monday	Paths and Digraphs
16	30-Jul-19	Tuesday	Properties and types of binary relations
17	31-Jul-19	Wednesday	Properties and types of binary relations
18	1-Aug-19	Thursday	Operations on relations
19	2-Aug-19	Friday	Closures
20	5-Aug-19	Monday	Warshall's algorithm
21	19-Jul-17	Wednesday	Equivalence and partial ordered relations
22	20-Jul-17	Thursday	Poset
23	21-Jul-17	Friday	Hasse diagram and Lattice ,Functions:
24	24-Jul-17	Monday	Types of functions
25	25-Jul-17	Tuesday	Injective
26	26-Jul-17	Wednesday	Surjective and Bijective Composition of functions
27	27-Jul-17	Thursday	Identity and Inverse function
28	28-Jul-17	Friday	Pigeon-hole principle.

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Name Of Lecturer: Dr. Kodge B. G. **Class:** M. Sc. (CS) FY I-SEM
Paper Name & Paper No.: Mathematical Foundation for Computer Science

Sr No.	Date	Day	Topic to be Taught
			UNIT-IV
29	31-Jul-17	Monday	Permutations
30	1-Aug-17	Tuesday	Combinations
31	2-Aug-17	Wednesday	Elements of Probability
32	3-Aug-17	Thursday	Discrete Probability and Conditional Probability
33	4-Aug-17	Friday	Generating Functions and Recurrence Relations
34	7-Aug-17	Monday	Recursive Functions, Introduction to Functional Programming.
			UNIT-V
35	8-Aug-17	Tuesday	Graphs Definitions
36	9-Aug-17	Wednesday	Paths and circuits:
37	10-Aug-17	Thursday	Eulerian and Hamiltonian
38	11-Aug-17	Friday	Types of graphs
39	14-Aug-17	Monday	Sub Graphs Isomorphism of graphs.
			UNIT-VI
40	16-Aug-17	Wednesday	Algebraic structures with one binary operation:
41	18-Aug-17	Friday	Algebraic structures with one binary operation:
42	21-Aug-17	Monday	semigroup, monoid and group
43	22-Aug-17	Tuesday	semigroup, monoid and group
44	23-Aug-17	Wednesday	Abelian group Isomorphism
45	24-Aug-17	Thursday	Homomorphism and Automorphism
46	25-Aug-17	Friday	Homomorphism and Automorphism
47	28-Aug-17	Monday	Cyclic groups,
48	29-Aug-17	Tuesday	Cyclic groups,
49	30-Aug-17	Wednesday	Normal subgroups
50	31-Aug-17	Thursday	Codes and group codes

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Name Of Lecturer: Mr.Gharge D. M. **Class:** M. Sc. (CS) FY I-SEM
Paper Name & Paper No.: Relational Database Management System

Sr No.	Date	Day	Topic to be Taught
UNIT-I: Introduction			
1	8-Jul-19	Monday	Problems in Traditional file oriented approach
2	9-Jul-19	Tuesday	Three level architecture of DBMS
3	10-Jul-19	Wednesday	Three level architecture of DBMS
4	11-Jul-19	Thursday	basic database components like schema,
5	15-Jul-19	Monday	views
6	16-Jul-19	Tuesday	instances
7	17-Jul-19	Wednesday	General Architecture of DBMS
8	18-Jul-19	Thursday	Roles of DBA
9	19-Jul-19	Friday	Data Dictionary
10	22-Jul-19	Monday	Advantages and Disadvantages of DBMS.
11	23-Jul-19	Tuesday	Advantages and Disadvantages of DBMS.
UNIT-II: DATA Models			
12	24-Jul-19	Wednesday	Concepts of Abstraction and Data Model
13	25-Jul-19	Thursday	Concepts of Abstraction and Data Model
14	26-Jul-19	Friday	Discussions on data modeling using Entity Relationship model
15	29-Jul-19	Monday	Discussions on data modeling using Entity Relationship model
16	30-Jul-19	Tuesday	Discussions on data modeling using Relational Mode
17	31-Jul-19	Wednesday	Discussions on data modeling using Relational Mode
18	1-Aug-19	Thursday	E-R to Relational Conversion
UNIT-III: Relational Algebra			
19	2-Aug-19	Friday	Basics of Relational Algebra
20	5-Aug-19	Monday	selection
21	19-Jul-17	Wednesday	projection
22	20-Jul-17	Thursday	division
23	21-Jul-17	Friday	cross product Operators Set Operators
24	24-Jul-17	Monday	Join and its types,
25	25-Jul-17	Tuesday	writing Relational Algebra notations for user queries
UNIT-IV: Basic Normalization			
26	26-Jul-17	Wednesday	Introduction to attributes
27	27-Jul-17	Thursday	Keys
28	28-Jul-17	Friday	relationships and their types
29	31-Jul-17	Monday	relationships and their types

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Paper Name & Paper No.: Relational Database Management System

Sr No.	Date	Day	Topic to be Taught
30	1-Aug-17	Tuesday	Anomalies in databases
31	2-Aug-17	Wednesday	understanding
32	3-Aug-17	Thursday	Functional Dependencies
33	4-Aug-17	Friday	(Determinant, partial, full, transitive, multi valued, etc)
34	7-Aug-17	Monday	normalization process
35	8-Aug-17	Tuesday	First Normal form
36	9-Aug-17	Wednesday	Second Normal Form
37	10-Aug-17	Thursday	Third Normal Form
UNIT-V: Advance Normalization			
38	11-Aug-17	Friday	Boyce-Codd Normal Form
39	14-Aug-17	Monday	Fourth Normal Form
40	16-Aug-17	Wednesday	Fifth Normal Form
UNIT-VI: SQL			
41	18-Aug-17	Friday	Introduction to data retrieval languages like QBE
42	21-Aug-17	Monday	QUEL
43	22-Aug-17	Tuesday	SQL Discussions on SQL
44	23-Aug-17	Wednesday	Table
45	24-Aug-17	Thursday	View Definitions
46	25-Aug-17	Friday	DDL Statements
47	28-Aug-17	Monday	DML Statements
48	29-Aug-17	Tuesday	DCL Statements , TCL statements
49	30-Aug-17	Wednesday	SQL Functions ,Introduction to PL/SQL
50	31-Aug-17	Thursday	Cursors

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Name Of Lecturer: Mr. Patil P. N. **Class:** M. Sc. (CS) FY II-SEM
Paper Name & Paper No.: Design and Analysis of Algorithms

Sr No.	Date	Day	Topic
UNIT-I: Introduction to data structure			
1	9-Dec-19	Monday	Concepts of data and algorithm
2	10-Dec-19	Tuesday	Concepts of data and algorithm
3	11-Dec-19	Wednesday	Time and space Complexity of a given algorithm
UNIT-II: Divide and Conquer			
4	12-Dec-19	Thursday	General Method
5	13-Dec-19	Friday	General Method
6	16-Dec-19	Monday	Binary search
7	17-Dec-19	Tuesday	Merge sort
8	18-Dec-19	Wednesday	Quick sort
9	19-Dec-19	Thursday	Strassen's matrix multiplication
10	20-Dec-19	Friday	Strassen's matrix multiplication
UNIT-III: Greedy method			
11	23-Dec-19	Monday	General method
12	24-Dec-19	Tuesday	Knapsack problem
13	26-Dec-19	Thursday	Optimal storage on tapes
14	27-Dec-19	Friday	Job sequencing with deadlines
15	30-Dec-19	Monday	Job sequencing with deadlines
16	31-Dec-19	Tuesday	Optimal merge pattern
17	1-Jan-20	Wednesday	Optimal merge pattern
18	2-Jan-20	Thursday	Minimum spanning tree
19	3-Jan-20	Friday	Minimum spanning tree
20	6-Jan-20	Monday	Shortest path
21	7-Jan-20	Tuesday	Shortest path
UNIT-IV: Dynamic Programming			
22	8-Jan-20	Wednesday	The general method
23	9-Jan-20	Thursday	The general method
24	10-Jan-20	Friday	Multistage graphs
25	13-Jan-20	Monday	Multistage graphs

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Name Of Lecturer: Mr. Patil P. N. **Class:** M. Sc. (CS) FY II-SEM
Paper Name & Paper No.: Design and Analysis of Algorithms

Sr No.	Date	Day	Topic
26	14-Jan-20	Tuesday	Optimal binary search tree
27	15-Jan-20	Wednesday	Optimal binary search tree
28	16-Jan-20	Thursday	Reliability Design
29	17-Jan-20	Friday	Reliability Design
30	20-Jan-20	Monday	Travelling sales person problem
31	21-Jan-20	Tuesday	Travelling sales person problem
UNIT-V: Basic search, traversal techniques and Backtracking			
32	22-Jan-20	Wednesday	Binary tree traversal Preorder
33	23-Jan-20	Thursday	Binary tree traversal Preorder
34	24-Jan-20	Friday	Inorder and Postorder Traversal
35	27-Jan-20	Monday	Inorder and Postorder Traversal
36	28-Jan-20	Tuesday	Breadth first search(BFS)
37	29-Jan-20	Wednesday	Breadth first search(BFS)
38	30-Jan-20	Thursday	Depth first search(DFS)
39	31-Jan-20	Friday	Depth first search(DFS)
40	10-Feb-20	Monday	Backtracking:
41	11-Feb-20	Tuesday	The general method
42	12-Feb-20	Wednesday	The general method
43	13-Feb-20	Thursday	8-Queens problem
44	14-Feb-20	Friday	8-Queens problem
45	17-Feb-20	Monday	8-Queens problem
46	18-Feb-20	Tuesday	Sum of subsets
47	20-Feb-20	Thursday	Sum of subsets
48	21-Feb-20	Friday	Graph coloring,
49	24-Feb-20	Monday	Hamiltonian cycle.
50	25-Feb-20	Tuesday	Hamiltonian cycle.

Remark :

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Name Of Lecturer: Ms. Biradar P. S. **Class:** M. Sc. (CS) FY II-SEM
Paper Name & Paper No.: Software Engineering

Sr No.	Date	Day	Topic
UNIT-I: Software and Software Engineering			
1	9-Dec-19	Monday	The Evolving Role of Software
2	10-Dec-19	Tuesday	Software Characteristics
3	11-Dec-19	Wednesday	Categories of Computer Software,
4	12-Dec-19	Thursday	The Software Myths
5	13-Dec-19	Friday	Software Engineering – A layered Technology
6	16-Dec-19	Monday	The software process
7	17-Dec-19	Tuesday	The nature of Software
8	18-Dec-19	Wednesday	Legacy Software
UNIT-II: Process models			
9	19-Dec-19	Thursday	A generic process model
10	20-Dec-19	Friday	A Process Framework
11	23-Dec-19	Monday	The capability Maturity Model Integration (CMMI)
12	24-Dec-19	Tuesday	Process Patterns
13	26-Dec-19	Thursday	Process Assessment
14	27-Dec-19	Friday	The Waterfall Model
15	30-Dec-19	Monday	Prototyping Model
16	31-Dec-19	Tuesday	Spiral Model
17	1-Jan-20	Wednesday	Fourth generation techniques
18	2-Jan-20	Thursday	Personal software process
19	3-Jan-20	Friday	Team software process
20	6-Jan-20	Monday	Process Assessment and improvement
UNIT-III: Requirements Engineering & Design concepts			
21	7-Jan-20	Tuesday	Requirements Engineering
22	8-Jan-20	Wednesday	Initiating the Requirements Engineering Process
23	9-Jan-20	Thursday	Eliciting Requirements

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Name Of Lecturer: Ms. Biradar P. S. **Class:** M. Sc. (CS) FY II-SEM
Paper Name & Paper No.: Software Engineering

Sr No.	Date	Day	Topic
24	10-Jan-20	Friday	Negotiating Requirements
25	13-Jan-20	Monday	Validating Requirements
26	14-Jan-20	Tuesday	Developing use cases
27	15-Jan-20	Wednesday	Design Process and Design Quality
28	16-Jan-20	Thursday	Design Concepts
29	17-Jan-20	Friday	The Design Model
30	20-Jan-20	Monday	Pattern Based Software Design,
31	21-Jan-20	Tuesday	Web App Design Quality
32	22-Jan-20	Wednesday	Design Goals,
33	23-Jan-20	Thursday	Web App Engineering Layers
34	24-Jan-20	Friday	The Web Engineering Process
35	27-Jan-20	Monday	Web Engineering Best Practices
UNIT-IV: Software Testing Strategies			
36	28-Jan-20	Tuesday	Software Testing fundamentals
37	29-Jan-20	Wednesday	A strategic Approach to software Testing
38	30-Jan-20	Thursday	Strategic Issues
39	31-Jan-20	Friday	Test Strategies for Conventional Software
40	10-Feb-20	Monday	Validation Testing
41	11-Feb-20	Tuesday	System Testing
42	12-Feb-20	Wednesday	Debugging
43	13-Feb-20	Thursday	White Box Testing
44	14-Feb-20	Friday	Black Box Testing
45	17-Feb-20	Monday	Control Structure Testing
46	18-Feb-20	Tuesday	Control Structure Testing
47	20-Feb-20	Thursday	System Testing
48	21-Feb-20	Friday	Model based Testing,
49	24-Feb-20	Monday	Debugging Process, Debugging Strategies
50	25-Feb-20	Tuesday	Correcting the errors.

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Name Of Lecturer: Mr. Kodge B. G. **Class:** M. Sc. (CS) FY II-SEM
Paper Name & Paper No.: Programming with VB.NET

Sr No.	Date	Day	Topic
UNIT-I: Introduction to Visual Programming using VB.Net			
1	9-Dec-19	Monday	Event-Driven Programming , Installing Visual Basic 2010
2	10-Dec-19	Tuesday	The Visual Studio 2010 IDE 6, The Profile Setup Page,
3	11-Dec-19	Wednesday	The Menu, The Toolbars,
4	12-Dec-19	Thursday	Creating a Simple Application, Windows in the Visual Studio 2010
5	13-Dec-19	Friday	The Toolbox, Modified Hungarian Notation
6	16-Dec-19	Monday	The Code Editor
UNIT-II: Variables and Dates			
7	17-Dec-19	Tuesday	Comments and Whitespace: Comments, Whitespace
8	18-Dec-19	Wednesday	Data Types: Numbers, Common Integer Math Operations
9	19-Dec-19	Thursday	Integer Math Shorthand, The Problem with Integer Math,
10	20-Dec-19	Friday	Floating-Point Math, Other States
11	23-Dec-19	Monday	Single-Precision Floating-Point Numbers, Working with Strings:
12	24-Dec-19	Tuesday	Concatenation
13	26-Dec-19	Thursday	Using the Concatenation Operator Inline, More String Operations,
14	27-Dec-19	Friday	Substrings, Formatting Strings
15	30-Dec-19	Monday	Localized Formatting, Replacing Substring
16	31-Dec-19	Tuesday	Using Dates: Formatting Date Strings
17	1-Jan-20	Wednesday	Extracting Date Properties, Date Constants
18	2-Jan-20	Thursday	Defining Date Literals, Manipulating Dates, Boolean
UNIT-III: Storing Variables and Methods			
19	3-Jan-20	Friday	Binary, Bits and Bytes
20	6-Jan-20	Monday	Representing Values, Converting Values
21	7-Jan-20	Tuesday	Methods: Why Use Methods?
UNIT-IV: Controlling the flow, Array and Data Structure			
22	8-Jan-20	Wednesday	The If Statement: The Else Statement, Allowing Multiple Alternatives with ElseIf,
23	9-Jan-20	Thursday	Nested If Statements, Single-Line If Statement
24	10-Jan-20	Friday	Comparison Operators, Using Not Equal To
25	13-Jan-20	Monday	Using the Numeric Operators,
26	14-Jan-20	Tuesday	The And and Or Operators, Using the And Operator,
27	15-Jan-20	Wednesday	More on And and Or String Comparison,
28	16-Jan-20	Thursday	Select Case: Case-Insensitive Select Case, Multiple Selections,
29	17-Jan-20	Friday	The Case Else Statement, Different Data Types with Select Case
30	20-Jan-20	Monday	Loops: The For ... Next Loop, Using the Step Keyword

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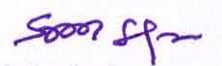
Name Of Lecturer: Mr. Kodge B. G. **Class:** M. Sc. (CS) FY II-SEM
Paper Name & Paper No.: Programming with VB.NET

Sr No.	Date	Day	Topic
31	21-Jan-20	Tuesday	Looping Backwards, the For Each ... Next Loop,
32	22-Jan-20	Wednesday	The Do ... Loop Loops, Do While ... Loop,
33	23-Jan-20	Thursday	Acceptable Expressions for a Do ... Loop, Other Versions of the Do ... Loop,
34	24-Jan-20	Friday	Nested Loops, Quitting Early, Quitting Do ... Loops, Infinite Loops
35	27-Jan-20	Monday	Data Structure Arrays: Defining and Using Arrays, Using For Each ... Next,
36	28-Jan-20	Tuesday	Passing Arrays As Parameters, Sorting Arrays, Going Backwards,
37	29-Jan-20	Wednesday	Initializing Arrays with Values
UNIT-V: Building Windows Applications and Menus			
38	30-Jan-20	Thursday	The If Statement: The Else Statement, Allowing Multiple Alternatives with Elseif,
39	31-Jan-20	Friday	Nested If Statements, Single-Line If Statement, Comparison Operators,
40	10-Feb-20	Monday	Using Not Equal To, Using the Numeric Operators, The And and Or Operators
41	11-Feb-20	Tuesday	Using the And Operator, More on And and Or String Comparison,
42	12-Feb-20	Wednesday	Select Case: Case-Insensitive Select Case, Multiple Selections, the Case Else Statement,
43	13-Feb-20	Thursday	Different Data Types with Select Case Loops: The For ... Next Loop,
44	14-Feb-20	Friday	Using the Step Keyword, Looping Backwards, the For Each ... Next Loop,
45	17-Feb-20	Monday	The Do ... Loop Loops, Do While ... Loop, Acceptable Expressions for a Do ... Loop
46	18-Feb-20	Tuesday	Other
47	20-Feb-20	Thursday	Versions of the Do ... Loop, Nested Loops, Quitting Early, Quitting Do ... Loops, Infinite Loops
48	21-Feb-20	Friday	Data Structure Arrays: Defining and Using Arrays, Using For Each ... Next, Passing Arrays As Parameters,
49	24-Feb-20	Monday	Sorting Arrays, Going Backwards, Initializing Arrays with Values Understanding Menu Features: Images, Access Keys, Shortcut Keys,
50	25-Feb-20	Tuesday	Check Marks, The Properties Window, Creating Menus: Designing the Menus
51	26-Feb-20	Wednesday	Adding Toolbars and Controls, Coding Menus
52	27-Feb-20	Thursday	Coding the View Menu and Toolbars

Remark :


Concern Lecturer


H.O.D.


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Annual/Semester Teaching Plan (2019-2020)
Summer-2020



Name Of Lecturer: Mr. Gurde M. G. **Class:** M. Sc. (CS) FY II-SEM
Paper Name & Paper No.: Compiler Designing

Sr No.	Date	Day	Topic
UNIT-I: Introduction to UNIX/Linux Kernel			
1	9-Dec-19	Monday	System Structure, User Perspective
2	10-Dec-19	Tuesday	Assumptions about Hardware, Architecture of UNIX Operating System
3	11-Dec-19	Wednesday	Concepts of Linux Programming-Files and the File system
4	12-Dec-19	Thursday	Processes, Users and Groups
5	13-Dec-19	Friday	Permissions, Signals, Inter-process Communication
UNIT-II: File and Directory I/O			
6	16-Dec-19	Monday	Buffer headers, structure of the buffer pool
7	17-Dec-19	Tuesday	scenarios for retrieval of a buffer, reading and writing disk blocks
8	18-Dec-19	Wednesday	inodes, structure of regular file, open, read, write
9	19-Dec-19	Thursday	lseek, close, pipes, dup, open, creat, file sharing,
10	20-Dec-19	Friday	atomic operations, dup2, sync, fsync, and fdatasync
11	23-Dec-19	Monday	fcntl, /dev/fd, stat, fstat, lstat, file types, Set-User-ID and Set-Group-ID,
12	24-Dec-19	Tuesday	file access permissions, ownership of new files and directories, access function,
13	26-Dec-19	Thursday	umask function, chmod and fchmod, sticky bit, chown, fchown, and lchown,
14	27-Dec-19	Friday	file size, file truncation, file systems, link, unlink, remove, and rename functions
15	30-Dec-19	Monday	symbolic links, symlink and readlink functions, file times, utime, mkdir and rmdir,
16	31-Dec-19	Tuesday	reading directories, chdir, fchdir, and getcwd, device special files
UNIT-III: Process Environment, Process Control and Process Relationships			
17	1-Jan-20	Wednesday	Process states and transitions, layout of system memory
18	2-Jan-20	Thursday	the context of a process, saving the context of a process,
19	3-Jan-20	Friday	sleep, process creation, signals, process termination, awaiting process termination
20	6-Jan-20	Monday	invoking other programs, the user id of a process
21	7-Jan-20	Tuesday	changing the size of the process, The Shell, Process Scheduling

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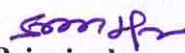
Name Of Lecturer: Mr. Gurde M. G. **Class:** M. Sc. (CS) FY II-SEM
Paper Name & Paper No.: Compiler Designing

Sr No.	Date	Day	Topic
UNIT-IV: Memory Management			
22	8-Jan-20	Wednesday	The Process Address Space
23	9-Jan-20	Thursday	Allocating Dynamic Memory
24	10-Jan-20	Friday	Managing Data Segment,
25	13-Jan-20	Monday	Anonymous Memory Mappings
	14-Jan-20	Tuesday	Advanced Memory Allocation
27	15-Jan-20	Wednesday	Debugging Memory Allocations,
28	16-Jan-20	Thursday	Stack-Based Allocations
29	17-Jan-20	Friday	Choosing a Memory Allocation Mechanism
30	20-Jan-20	Monday	Manipulating Memory
31	21-Jan-20	Tuesday	Locking Memory
32	22-Jan-20	Wednesday	Opportunistic Allocation
33	23-Jan-20	Thursday	Signal concepts
34	24-Jan-20	Friday	signal function
35	27-Jan-20	Monday	unreliable signals
36	28-Jan-20	Tuesday	interrupted system calls
37	29-Jan-20	Wednesday	reentrant functions
38	30-Jan-20	Thursday	SIGCLD semantics
39	31-Jan-20	Friday	reliable-signal technology,
40	10-Feb-20	Monday	kill and raise
41	11-Feb-20	Tuesday	alarm and pause
42	12-Feb-20	Wednesday	signal sets
43	13-Feb-20	Thursday	sigprocmask
44	14-Feb-20	Friday	sigpending
45	17-Feb-20	Monday	sigsetjmp and siglongjmp
46	18-Feb-20	Tuesday	sigsuspend
47	20-Feb-20	Thursday	abort
48	21-Feb-20	Friday	system function revisited,
49	24-Feb-20	Monday	system function revisited,
50	25-Feb-20	Tuesday	sleep

Remark :


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