

**SVKM's Narsee Monjee College of Commerce and Economics**

JVPD, Vile Parle (West), Mumbai 400 056.

**TEACHING PLAN FOR DEGREE COLLEGE FOR THE YEAR 2015-2016**

Department : BSc IT

Class :-

Subject:

Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
June. College reopens on 8 <sup>th</sup> June.	1	08/06 to 13/06	<b>Unit 1:</b> Introduction Computer Graphics and Primitive Algorithms: Introduction to Image and Objects, Image Representation, Basic Graphics Pipeline, Bitmap and Vector-Based Graphics, Applications of Computer Graphics.
	2	15/06 to 20/06	Display Devices, Cathode Ray Tubes, Raster-Scan Display, Random-Scan Display, Flat Panel Display, Input Technology, Coordinate System Overview.
	3	22/06 to 27/06	Scan-Conversion of graphics primitives: Scan-Conversion of a Lines (Digital Differential Analyzer Algorithm, Bresenham's Line-Drawing Algorithm.
Ramzad-Id: 18th July	4	29/06 to 30/06	Scan-Conversion of Circle and Ellipse (Bresenham's Method of Circle Drawing, Midpoint Circle Algorithm), Drawing Ellipses and Other Conics.
	4	01/07 to 04/07	<b>Unit II :</b> Two Dimensional Transformation: Introduction to transformations, Transformation Matrix, Types of Transformations in Two-Dimensional Graphics: Identity Transformation, Scaling, Reflection, Shear Transformations.
	5	06/07 to 11/07	Rotation, Translation, Rotation about an Arbitrary Point, Combined Transformation.
	6	13/07 to 18/07	Homogeneous Coordinates, 2D Transformations using Homogeneous Coordinates.
	7	20/07 to 25/07	<b>Unit III :</b> Three-dimensional transformations, Objects in Homogeneous Coordinates, Three-Dimensional Transformations: Scaling, Translation, Rotation, Shear Transformations, Reflection.

	8	<b>27/07 to 31/07</b>	World Coordinates and Viewing Coordinates, Projection, Parallel Projection, Perspective Projection.
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Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
August 15/8 Ind. Day, 18th Pateti	8	01/08	Revision
	9	03/08 to 08/08	Unit IV : Viewing and Solid Area Scan-Conversion: Introduction to viewing and clipping, Viewing Transformation in Two Dimensions, Introduction to Clipping, Two-Dimensional Clipping, Point Clipping, Line Clipping
	10	10/08 to 15/08	Introduction to a Polygon Clipping, Viewing and Clipping in Three Dimensions, Three-Dimensional Viewing Transformations, Text Clipping.
	11	17/08 to 22/08	Introduction to Solid Area Scan-Conversion, Inside–Outside Test, Winding Number Method and Coherence Property, Polygon Filling, Seed Fill Algorithm.
	12	24/08 to 29/08	Scan-Line Algorithm, Priority Algorithm, Scan Conversion of Character, Aliasing, Anti-Aliasing.
	13	31/08	Half-toning, Thresholding and Dithering. Introduction to animation, Key-Frame Animation, Construction of an Animation Sequence, Motion Control Methods, Procedural Animation, Key-Frame Animation vs. Procedural Animation, Introduction to Morphing, Three-Dimensional Morphing.
September 17/9, Ganesh Chaturthi, 25/9 Bakri-Id	13	01/09 to 05/09	Unit V : Introduction to curves, Curve Continuity, Conic Curves, Piecewise Curve Design.
	14	07/09 to 12/09	Parametric Curve Design, Spline Curve Representation, Bezier Curves, B-Spline Curves, Fractals and its applications.
	15	14/09 to 19/09	Surface Design: Bilinear Surfaces, Ruled Surfaces, Developable Surfaces, Coons Patch, Sweep Surfaces. Surface of Revolution, Quadric Surfaces, Constructive Solid Geometry, Bezier Surfaces, B-spline Surfaces, Subdivision Surfaces
	16	21/09 to 26/09	Visible Surfaces: Introduction to visible and hidden surfaces, Coherence for visibility, Extents and Bounding Volumes, Back Face Culling, Painter's Algorithm, Z-Buffer Algorithm, Floating Horizon Algorithm, Roberts Algorithm.

	17	<b>28/09 to 30/09</b>	<b>Unit VI</b> : Object Rendering: Introduction Object-Rendering, Light Modeling Techniques, Illumination Model, Shading, Flat Shading, Polygon Mesh Shading, Gourand Shading Model, Phong Shading, Transparency Effect, Shadows, Texture and Object Representation, Ray Tracing, Ray Casting, Radiosity, Color Models.
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Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
October. 2/10 Gandhi Jayanti, Diwali Break from Oct 22nd	17	01/10 to 03/10	
	18	05/10 to 10/10	
	19	12/10 to 17/10	
	20	19/10 to 21/10	
		26/10 to 31/10	
Nov. College closes for Diwali Vacation on 22.10.2013 and reopens on 16 <sup>th</sup> Nov. for IInd Term.		02/11 to 07/11	
		09/11 to 14/11	
	1	16/11 to 21/11	
	2	26/11 to 28/11	

Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
Dec. College closes on 26th Dec.	3	30/11	
	3	01/12 to 05/12	
	4	07/12 to 12/12	
	5	14/12 to 19/12	
	6	21/12 to 26/12	
	7	28/12 to 31/12	
Jan. 26/01 Republic Day	7	01/01 to 02/01	
	8	04/01 to 09/01	
	9	11/01 to 16/01	
	10	18/01 to 23/01	

	11	<b>25/01 to 30/01</b>	
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<b>Month</b>	<b>Working week no.</b>	<b>Week Dates (Mon. to Sat)</b>	<b>Topic to be covered during the week</b>
<b>Feb 19th Feb. Shivaji Jayanti</b>	12	<b>01/02 to 06/02</b>	
	13	<b>08/02 to 13/02</b>	
	14	<b>15/02 to 20/02</b>	
	15	<b>22/02 to 27/02</b>	
<b>March Holi, Good Friday &amp; Mahashivratri</b>	16	<b>29/02</b>	
	16	<b>01/03 to 05/03</b>	
	17	<b>07/03 to 12/03</b>	
	18	<b>14/03 to 19/03</b>	
	19	<b>21/03 to 26/03</b>	



	21	28/03 to 31/03	
<b>Month</b>	Working week no.	<b>Week Dates (Mon. to Sat)</b>	Topic to be covered during the week
<b>April Gudi Padwa, Dr. Ambedkar Jayanti, Gudi Padwa/ Mahavir Jayanti</b>	21	01/04 to 02/04	
	22	04/04 to 09/04	
	23	11/04 to 16/04	
	24	18/04 to 23/04	
	25	25/04 to 30/04	
<b>Names &amp; Signature of the staff member</b>			Head of the Department / Seniormost Teacher

**SVKM's Narsee Monjee College of Commerce and Economics**

JVPD, Vile Parle (West), Mumbai 400 056.

**TEACHING PLAN FOR DEGREE COLLEGE FOR THE YEAR 2015-2016**

Department : BSc IT

Class :- SYBSc(IT)

Subject: Advanced SQL

Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
June. College reopens on 8 <sup>th</sup> June.	1	08/06 to 13/06	<b>Unit I-Structured Query Language:</b> Writing Basic SQL Select Statements, Restricting and Sorting Data, Single-Row Functions, Joins (Displaying Data from Multiple Tables), Aggregating Data using Group Functions, Subqueries, Manipulating Data Managing Tables, Including Constraints, Creating Views, Creating Other Database Objects (Sequences, Indexes and Synonyms)
	2	15/06 to 20/06	<b>Unit II: Advanced SQL:</b> Controlling User Access, Using SET operators, DateTime Functions, Enhancements to Group by clause (cube, Rollup and Grouping), Advanced Subqueries (Multiple column subqueries, Subqueries in FROM clause, Scalar and correlated subqueries), WITH Clause, Hierarchical retrieval,
	3	22/06 to 27/06	<b>Unit III PLSQL:</b> Introduction, Overview and benefits of PL/SQL, Subprograms, types of PL/SQL blocks, Simple Anonymous Block, Identifiers, types of Identifiers, Declarative Section, variables, Scalar
Ramzad-Id: 18th July	4	29/06 to 30/06	Data Types, The %TYPE Attribute, Bind Variables, Sequences in PL/SQL Expressions, Executable Statements, PL/SQL Block Syntax, Comment the Code, Deployment of SQL Functions in PL/SQL,
	4	01/07 to 04/07	Convert Data Types, Nested Blocks, Operators. Interaction with the Oracle Server, Invoke SELECT Statements in PL/SQL, SQL Cursor concept, Data Manipulation in the Server using PL/SQL, SQL Cursor
	5	06/07 to 11/07	Attributes to Obtain Feedback on DML, Save and Discard Transactions <b>Unit IV Control Structures:</b> Conditional processing using IF Statements and CASE Statements, Loop Statement, While Loop Statement, For Loop Statement, the Continue Statement, Composite Data Types: PL/SQL
	6	13/07 to 18/07	Records, The %ROWTYPE Attribute, Insert and Update with PL/SQL Records, INDEX BY Tables, INDEX BY Table Methods, Use INDEX BY Table of Records, Explicit Cursors, Declare the Cursor, Open the Cursor, Fetch data from the Cursor, Close the Cursor, Cursor FOR loop, The %NOTFOUND and %ROWCOUNT
	7	20/07 to 25/07	the FOR UPDATE Clause and WHERE CURRENT Clause, Exception Handling, Handle Exceptions with PL/SQL, Trap Predefined and non-predefined Oracle Server Errors, User-Defined Exceptions, Propagate Exceptions, RAISE_APPLICATION_ERROR Procedure,

	8	<b>27/07 to 31/07</b>	Stored Procedures: Create a Modularized and Layered Subprogram Design, the PL/SQL Execution Environment, differences between Anonymous Blocks and Subprograms, Create, Call, and Remove Stored Procedures, Implement Procedures Parameters and Parameters Modes,
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Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
August 15/8 Ind. Day, 18th Pateti	8	01/08	Revision Unit I,II,III
	9	03/08 to 08/08	View Procedure Information, Stored Functions and Debugging Subprograms, Create, Call, and Remove a StoredFunction, advantages of using Stored Functions, the steps to create a stored function, Invoke User-Defined Functions in SQL Statements,Restrictions when calling Functions, Control side effects when calling Functions,
	10	10/08 to 15/08	Packages, advantages of Packages, components of a Package, Develop a Package, enable visibility of a Package's Components, Create the Package Specification and Body using the SQL CREATE Statement and SQL Developer, Invoke the Package
	11	17/08 to 22/08	View the PL/SQL Source Code using the Data Dictionary, Deploying Packages, Overloading Subprograms in PL/SQL, Use the STANDARD Package, Use Forward Declarations, Implement Package Functions in SQL and Restrictions,
	12	24/08 to 29/08	Persistent State of Packages, Persistent State of a Package Cursor,Control side effects of PL/SQL Subprograms, Invoke PL/SQL Tables of Records in Packages
	13	31/08	Dynamic SQL: The Execution Flow of SQL, Declare Cursor Variables
September 17/9, Ganesh Chaturthi, 25/9 Bakri-Id	13	01/09 to 05/09	Dynamically Executing a PL/SQL Block, Configure Native Dynamic SQL to Compile PL/SQL Code, invoke DBMS_SQL Package, Implement DBMS_SQL with a Parameterized DML Statement, Dynamic SQL Functional Completeness, Triggers, the Trigger Event Types and Body, Business Application Scenarios for Implementing Triggers,
	14	07/09 to 12/09	Create DML Triggers using the CREATE TRIGGER Statement and SQL Developer, Identify the Trigger Event Comparison of Database Triggers and Stored Procedures, Create Triggers on DDL Statements, Create Database-Event and System-Events Triggers, System Privileges Required to Manage Triggers
	15	14/09 to 19/09	Types, Body, and Firing (Timing), Statement Level Triggers and Row Level Triggers, Create Instead of and Disabled Triggers, Manage,Test and Remove Triggers. Creating Compound, DDL and Event Database Triggers, Compound Trigger Structure for Tables and Views, Compound Trigger to Resolve the Mutating Table Error,
	16	21/09 to 26/09	

	17	<b>28/09 to 30/09</b>	
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Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
October. 2/10 Gandhi Jayanti, Diwali Break from Oct 22nd	17	01/10 to 03/10	
	18	05/10 to 10/10	
	19	12/10 to 17/10	
	20	19/10 to 21/10	
		26/10 to 31/10	
Nov. College closes for Diwali Vacation on 22.10.2013 and reopens on 16 <sup>th</sup> Nov. for IInd Term.		02/11 to 07/11	
		09/11 to 14/11	
	1	16/11 to 21/11	
	2	26/11 to 28/11	

Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
Dec. College closes on 26th Dec.	3	30/11	
	3	01/12 to 05/12	
	4	07/12 to 12/12	
	5	14/12 to 19/12	
	6	21/12 to 26/12	
	7	28/12 to 31/12	
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	8	04/01 to 09/01	
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	10	18/01 to 23/01	

	11	<b>25/01 to 30/01</b>	
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<b>Month</b>	<b>Working week no.</b>	<b>Week Dates (Mon. to Sat)</b>	<b>Topic to be covered during the week</b>
<b>Feb 19th Feb. Shivaji Jayanti</b>	12	<b>01/02 to 06/02</b>	
	13	<b>08/02 to 13/02</b>	
	14	<b>15/02 to 20/02</b>	
	15	<b>22/02 to 27/02</b>	
<b>March Holi, Good Friday &amp; Mahashivratri</b>	16	<b>29/02</b>	
	16	<b>01/03 to 05/03</b>	
	17	<b>07/03 to 12/03</b>	
	18	<b>14/03 to 19/03</b>	
	19	<b>21/03 to 26/03</b>	

	21	28/03 to 31/03	
<b>Month</b>	Working week no.	<b>Week Dates (Mon. to Sat)</b>	Topic to be covered during the week
<b>April Gudi Padwa, Dr. Ambedkar Jayanti, Gudi Padwa/ Mahavir Jayanti</b>	21	01/04 to 02/04	
	22	04/04 to 09/04	
	23	11/04 to 16/04	
	24	18/04 to 23/04	
	25	25/04 to 30/04	
<b>Names &amp; Signature of the staff member</b>			Head of the Department / Seniormost Teacher

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**TEACHING PLAN FOR DEGREE COLLEGE FOR THE YEAR 2015-2016**

Department : BSc IT

Class :- SYBSc IT

Subject: Logic and Discrete Mathematics

Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
June. College reopens on 8 <sup>th</sup> June.	1	08/06 to 13/06	Set Theory: Fundamentals - Sets and subsets, Venn Diagrams, Operations on sets, Laws of Set Theory, Power Sets and Products,
	2	15/06 to 20/06	Partition of sets, The principle of Inclusion-Exclusion.Logic: Propositions and Logical operations, Truth tables,
	3	22/06 to 27/06	Equivalence, Implications, Laws of Logic, Normal forms, Predicates and quantifiers,
Ramzad-Id: 18th July	4	29/06 to 30/06	Mathematical Induction
	4	01/07 to 04/07	relations and digraphs, paths in relations and digraphs, properties of relations,
	5	06/07 to 11/07	representation of relations and digraphs, manipulation of relations,
	6	13/07 to 18/07	Transitive closure and Warshall's algorithm, Posets and Hasse Diagrams, Lattice.
	7	20/07 to 25/07	functions: injective, surjective and bijective, Composition, identity and inverse, Pigeon hole principle.

	8	<b>27/07 to 31/07</b>	paths and circuits, Planer graphs, coloring graphs, Isomorphism of Graphs.
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Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
August 15/8 Ind. Day, 18th Pateti	8	01/08	INTERNAL CLASS TEST
	9	03/08 to 08/08	Trees: Trees, rooted trees and path length in rooted trees, Spanning tree and Minimal Spanning tree
	10	10/08 to 15/08	Isomorphism of trees, Weighted trees and Prefix Codes.
	11	17/08 to 22/08	semi groups, monoids and groups, Product and quotient of algebraic structures,
	12	24/08 to 29/08	Isomorphism, homomorphism, automorphism, Cyclic groups, Normal sub group, codes and group codes,
	13	31/08	Algebraic structures with two binary operations – rings, integral domains and fields.
September 17/9, Ganesh Chaturthi, 25/9 Bakri-Id	13	01/09 to 05/09	Ring homomorphism and Isomorphism.
	14	07/09 to 12/09	Series and Sequences, Generating Functions, Recurrence relations, Applications,
	15	14/09 to 19/09	Solving difference equations, Fibonacci. Revision.
	16	21/09 to 26/09	

	17	<b>28/09 to 30/09</b>
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<b>Month</b>	<b>Working week no.</b>	<b>Week Dates (Mon. to Sat)</b>	
<b>October. 2/10 Gandhi Jayanti, Diwali Break from Oct 22nd</b>	17	<b>01/10 to 03/10</b>	
	18	<b>05/10 to 10/10</b>	
	19	<b>12/10 to 17/10</b>	
	20	<b>19/10 to 21/10</b>	
		<b>26/10 to 31/10</b>	
<b>Nov. College closes for Diwali Vacation on 22.10.2013 and reopens on 16<sup>th</sup> Nov. for IInd Term.</b>		<b>02/11 to 07/11</b>	
		<b>09/11 to 14/11</b>	
	1	<b>16/11 to 21/11</b>	
	2	<b>26/11 to 28/11</b>	

Month	Working week no.	Week Dates (Mon. to Sat)	
Dec. College closes on 26th Dec.	3	30/11	
	3	01/12 to 05/12	
	4	07/12 to 12/12	
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<b>Feb 19th Feb. Shivaji Jayanti</b>	12	<b>01/02 to 06/02</b>	
	13	<b>08/02 to 13/02</b>	
	14	<b>15/02 to 20/02</b>	
	15	<b>22/02 to 27/02</b>	
<b>March Holi, Good Friday &amp; Mahashivratri</b>	16	<b>29/02</b>	
	16	<b>01/03 to 05/03</b>	
	17	<b>07/03 to 12/03</b>	
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	21	28/03 to 31/03	
<b>Month</b>	Working week no.	<b>Week Dates (Mon. to Sat)</b>	Topic to be covered during the week
<b>April Gudi Padwa, Dr. Ambedkar Jayanti, Gudi Padwa/ Mahavir Jayanti</b>	21	01/04 to 02/04	
	22	04/04 to 09/04	
	23	11/04 to 16/04	
	24	18/04 to 23/04	
	25	25/04 to 30/04	
<b>Names &amp; Signature of the staff member</b>			Head of the Department / Seniormost Teacher

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**TEACHING PLAN FOR DEGREE COLLEGE FOR THE YEAR 2015-2016**

Department : BSc IT

Class :- S.Y.B.Sc I.T.

Subject: Modern Operating System

Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
June. College reopens on 8 <sup>th</sup> June.	1	08/06 to 13/06	<b>Introduction to Operating Systems:</b> OS and Computer System, System performance, Classes of OS, Batch processing, time-sharing, multiprocessing, real time,
	2	15/06 to 20/06	distributed and modern operating systems, Desktop Systems, Handheld Systems, Clustered Systems, Assemblers, Compilers and Interpreters, Linkers.
	3	22/06 to 27/06	Operating-System Structures: Operating-System Services, User Operating-System Interface, System Calls, Types of System Calls,
Ramzad-Id: 18th July	4	29/06 to 30/06	<b>System Programs,</b>
	4	01/07 to 04/07	Operating-System Design and Implementation, Operating-System Structure, Virtual Machines, Operating-System Generation, System Boot.
	5	06/07 to 11/07	Processes and Process Synchronization: Process Concept, Process Scheduling, Scheduling Criteria, Scheduling Algorithms,
	6	13/07 to 18/07	<b>Operations on Processes, Interprocess Communication,</b>
	7	20/07 to 25/07	Multithreading Models, Threading Issues, Thread Scheduling, Communication in Client–Server Systems,

8	<b>27/07 to 31/07</b>
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The Critical-Section Problem, Peterson's Solution, Semaphores.

Month	Working week no.	Week Dates (Mon. to Sat)	
August 15/8 Ind. Day, 18th Pateti	8	01/08	
	9	03/08 to 08/08	<b>Memory Management:</b> Memory management without swapping or paging; Swapping,
	10	10/08 to 15/08	Virtual Memory, Page replacement algorithms, Modeling paging algorithms, Design issues for paging systems, segmentation
	11	17/08 to 22/08	File-System Interface and Implementation: File Concept, File-System Mounting, Free-Space Management, File Sharing, NFS.
	12	24/08 to 29/08	<b>Mass-Storage Structure: Disk Structure, Disk Management, Swap-Space Management,</b>
	13	31/08	
September 17/9, Ganesh Chaturthi, 25/9 Bakri-Id	13	01/09 to 05/09	RAID Structure, Stable-Storage Implementation, Deadlocks , Deadlock detection and recovery, avoidance and prevention
	14	07/09 to 12/09	I/O Systems: Application I/O Interface, Transforming I/O Requests to Hardware Operations, STREAMS, Performance.
	15	14/09 to 19/09	Protection and Security: Principles of Protection, Domain of Protection, Access Matrix, Access Control, Capability-Based Systems, Language-Based Protection, The Security Problem, System and Network Threats, Implementing Security defenses.
	16	21/09 to 26/09	

	17	<b>28/09 to 30/09</b>
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October. 2/10 Gandhi Jayanti, Diwali Break from Oct 22nd	17	01/10 to 03/10	
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	19	12/10 to 17/10	
	20	19/10 to 21/10	
		26/10 to 31/10	
Nov. College closes for Diwali Vacation on 22.10.2013 and reopens on 16 <sup>th</sup> Nov. for IInd Term.		02/11 to 07/11	
		09/11 to 14/11	
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Dec. College closes on 26th Dec.	3	30/11	
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<b>Month</b>	<b>Working week no.</b>	<b>Week Dates (Mon. to Sat)</b>	<b>Topic to be covered during the week</b>
<b>Feb 19th Feb. Shivaji Jayanti</b>	12	<b>01/02 to 06/02</b>	
	13	<b>08/02 to 13/02</b>	
	14	<b>15/02 to 20/02</b>	
	15	<b>22/02 to 27/02</b>	
<b>March Holi, Good Friday &amp; Mahashivratri</b>	16	<b>29/02</b>	
	16	<b>01/03 to 05/03</b>	
	17	<b>07/03 to 12/03</b>	
	18	<b>14/03 to 19/03</b>	
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	21	28/03 to 31/03	
<b>Month</b>	Working week no.	<b>Week Dates (Mon. to Sat)</b>	Topic to be covered during the week
<b>April Gudi Padwa, Dr. Ambedkar Jayanti, Gudi Padwa/ Mahavir Jayanti</b>	21	01/04 to 02/04	
	22	04/04 to 09/04	
	23	11/04 to 16/04	
	24	18/04 to 23/04	
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<b>Names &amp; Signature of the staff member</b>			Head of the Department / Seniormost Teacher

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**TEACHING PLAN FOR DEGREE COLLEGE FOR THE YEAR 2015-2016**

Department : BSc IT

Class :- S.Y.B.Sc I.T.

Subject: Object Oriented Programming with C++

Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
June. College reopens on 8 <sup>th</sup> June.	1	08/06 to 13/06	<b>Introduction to OOPs:</b> Need object oriented programming, comparison of procedural and object oriented approach, characteristics of OOPs – object , classes , polymorphism, inheritance, reusability, data hiding and abstraction, applications of OOPs
	2	15/06 to 20/06	<b>Classes and Objects:</b> Class declaration, constructors, constructor initialization lists, access functions,
	3	22/06 to 27/06	private member functions, the copy constructor, the class destructor , constant objects, structures, pointers to objects, static data members, static function members
Ramzad-Id: 18th July	4	29/06 to 30/06	<b>Operator Overloading:</b> overloading the assignment operator, the this pointer, overloading arithmetic operators, overloading the arithmetic assignment, operators, overloading the relational operators ,
	4	01/07 to 04/07	overloading the stream operators, conversion operators , overloading the increment and decrement operators, overloading the subscript operator
	5	06/07 to 11/07	Composition and Inheritance: inheritance, protected class members, overriding and dominating inherited members, private access verses protected access,
	6	13/07 to 18/07	virtual functions and polymorphism, virtual destructors, abstract base classes
	7	20/07 to 25/07	File Handling: Classes for file stream operations, opening and closing a file, detecting end of file, file modes, file pointers and their manipulations,

	8	<b>27/07 to 31/07</b>	sequential input and output operations, random access, file operations error handling, command line argument
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Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
August 15/8 Ind. Day, 18th Pateti	8	01/08	
	9	03/08 to 08/08	Strings and Streams: the string class interface, the constructors and destructor , the copy constructor, the assignment operator,
	10	10/08 to 15/08	the addition operator , an append operator, access functions , the comparison operators,
	11	17/08 to 22/08	stream operators, stream classes, the ios class, ios format flags,
	12	24/08 to 29/08	ios state , variables ,the istream and ostream classes, unformatted input functions ,unformatted output functions, stream manipulators.
	13	31/08	
September 17/9, Ganesh Chaturthi, 25/9 Bakri-Id	13	01/09 to 05/09	Templates and Iterators: function templates, class templates, container classes,
	14	07/09 to 12/09	subclass templates, passing template classes to template parameters, iterator classes
	15	14/09 to 19/09	Libraries: the standard C++ library, proprietary libraries, contents of the standard c headers, string streams, file processing, the standard template library
	16	21/09 to 26/09	

	17	<b>28/09 to 30/09</b>	
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Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
October. 2/10 Gandhi Jayanti, Diwali Break from Oct 22nd	17	01/10 to 03/10	
	18	05/10 to 10/10	
	19	12/10 to 17/10	
	20	19/10 to 21/10	
		26/10 to 31/10	
Nov. College closes for Diwali Vacation on 22.10.2013 and reopens on 16 <sup>th</sup> Nov. for IInd Term.		02/11 to 07/11	
		09/11 to 14/11	
	1	16/11 to 21/11	
	2	26/11 to 28/11	

Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
Dec. College closes on 26th Dec.	3	30/11	
	3	01/12 to 05/12	
	4	07/12 to 12/12	
	5	14/12 to 19/12	
	6	21/12 to 26/12	
	7	28/12 to 31/12	
Jan. 26/01 Republic Day	7	01/01 to 02/01	
	8	04/01 to 09/01	
	9	11/01 to 16/01	
	10	18/01 to 23/01	

	11	25/01 to 30/01	
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Month	Working week no.	Week Dates (Mon. to Sat)	Topic to be covered during the week
Feb 19th Feb. Shivaji Jayanti	12	01/02 to 06/02	
	13	08/02 to 13/02	
	14	15/02 to 20/02	
	15	22/02 to 27/02	
March Holi, Good Friday & Mahashivratri	16	29/02	
	16	01/03 to 05/03	
	17	07/03 to 12/03	
	18	14/03 to 19/03	
	19	21/03 to 26/03	

	21	28/03 to 31/03	
<b>Month</b>	Working week no.	<b>Week Dates (Mon. to Sat)</b>	Topic to be covered during the week
<b>April Gudi Padwa, Dr. Ambedkar Jayanti, Gudi Padwa/ Mahavir Jayanti</b>	21	<b>01/04 to 02/04</b>	
	22	<b>04/04 to 09/04</b>	
	23	<b>11/04 to 16/04</b>	
	24	<b>18/04 to 23/04</b>	
	25	<b>25/04 to 30/04</b>	
<b>Names &amp; Signature of the staff member</b>			Head of the Department / Seniormost Teacher