



Malad Kandivli Education Society's
NAGINDAS KHANDWALA COLLEGE
 OF COMMERCE, ARTS & MANAGEMENT STUDIES
 AND SHANTABEN NAGINDAS KHANDWALA COLLEGE OF SCIENCE

(Re-accredited (3rd cycle) by NAAC with 'A' Grade)
 ISO 9001 : 2015 Certified

Autonomous (2016-17)

Educational Excellence Award By Indus Foundation, U.S.A.
 IMC Ramkrishna Bajaj National Quality Commendation Certificate

Providing Syllabus copy of the courses highlighting the focus on employability/
 entrepreneurship/ skill development along with their course outcomes.

Sr. No.	Courses	2016-17	2017-18	2018-19	2019-20	2020-21	Total
1	Bachelor of Commerce (B.COM)	✓	✓	✓	✓	✓	5
2	Bachelor of Arts (B.A)	✓	✓	✓	✓	✓	5
3	Bachelor in Management Studies- (BMS)	✓	✓	✓	✓	✓	5
4	Bachelor of Commerce (Accounts and Finance)- BAF	✓	✓	✓	✓	✓	5
5	Bachelor of Commerce (Banking and Insurance)-BBI	✓	✓	✓	✓	✓	5
6	Bachelor of Commerce (Financial Markets)- BFM	✓	✓	✓	✓	✓	5
7	Bachelor of Science - Information Technology (B.Sc IT)	✓	✓	✓	✓	✓	5
8	Bachelor of Science- Computer Science(B.Sc CS)	✓	✓	✓	✓	✓	5
9	Bachelor of Arts- Multimedia and Mass Communication (B.A.MMC)	✓	✓	✓	✓	✓	5
10	Bachelor of Management Studies- Sports Management (BMS-SM)	X	X	✓	✓	✓	3
11	B. Com. Honours in Actuarial Studies	X	X	X	✓	✓	2
12	B.A. Honours in Apparel Design and Construction	X	X	X	✓	✓	2
13	B. Com. Honours in International Accounting	X	X	X	✓	✓	2
14	Bachelor of Management Studies- E commerce operations	X	X	X	X	✓	1
15	B.Sc. (Honours) in Integrative Nutrition & Dietetics	X	X	X	X	✓	1
16	BBA in Tourism and Travel Management	X	X	X	X	✓	1
17	B.Sc. in Interior Design	X	X	X	X	✓	1
18	Master Of Commerce-(M.COM)- Accountancy	✓	✓	✓	✓	✓	5
19	Master Of Commerce-(M.COM)- Management						
20	Master of Arts (Economics)	✓	✓	✓	✓	✓	5
21	Master of Arts (Geography)	✓	✓	✓	✓	✓	5
22	Master of Arts (Psychology)	X	X	X	✓	✓	2
23	Master of Science (Information Technology) (M.Sc IT)	✓	✓	✓	✓	✓	5
24	Master's Degree - Sports Management (MSM)	X	X	✓	✓	✓	3
25	Master of Science (Geo-informatics) (M.Sc GeoInformatics)	X	X	X	X	✓	1
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Moushumi Datta

Prof. (Dr.) Moushumi Datta
 I/c. Principal

Nagindas Khandwala College (Autonomous)



Syllabus Of Course Of

Bachelor of Science Computer Science (BSC CS) Programme

First Year

Semester I

Under Academic Autonomy and Credit, Grading and Semester System

(To be implemented during Academic Year- 2017-2018)

PRINCIPAL

NAGINDAS KHANDWALA COLLEGE OF COMMERCE
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(AUTONOMOUS)
MALAD (W), MUMBAI - 400 064

Course Code	Course	Hrs. of Instruction/ week	Exam Duration (Hours)	Maximum Marks			Credits
				C I E	S E E	Total	
1611UCSSS	Part 1: Soft Skills Development	2	2 ½ hrs	25	75	100	2

Objectives:

1. To develop effective listening skills in learner so as to enable them to comprehend instructions and become a critical listener
2. To develop effective oral skills so as to enable learner to speak confidently interpersonally as well as in large groups
3. To develop effective writing skills so as to enable learner to write in clear, concise, persuasive and audience centred manner
4. To demonstrate effective use of communication technology

Course Outcome:

On successful completion of the course, learner will be able to:

CO1: Understand the concept, channels, objectives, methods and modes of communication.

CO2: Differentiate obstacles to communication in the business world.

CO3: Sharpen the business correspondence, language and writing skills of the learner.

CO4: Effectively use communication technology.

CO5: Demonstrate effective presentation, visual communication and impress stage.



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Sr. No.	Modules / Units
1	UNIT 1
	<p>Personality Development: Knowing Yourself, Positive Thinking, Johari's Window, verbal Communication, Non-verbal Communication, Body Language: grooming</p> <p>Emotional Intelligence: Meaning and Definition, Need for Emotional Intelligence, Intelligence Quotient versus Emotional Intelligence Quotient, Components of Emotional Intelligence, Competencies of Emotional Intelligence, Skills to Develop Emotional Intelligence</p> <p>Etiquette and Mannerism: Introduction, Professional Etiquette, Technology Etiquette</p> <p>Communication Today: Significance of Communication, GSC's 3M Model of Communication, Vitality of the Communication Process, Fundamentals of Good Listening, Need for Intercultural Communication, Communicating Digital World</p>
2	UNIT 2
	<p>Academic Skills (Skill Development)</p> <p>Resume writing: Introduction, Resume, Curriculum Vitae, Job Application or Cover Letter</p> <p>Professional Presentation: Planning a Presentation, Preparing the Presentation, Delivering the Presentation</p> <p>Job Interviews: Types of job Interviews, Preparatory Steps for Job Interviews, Interview Skill Tips, FAQ During Interviews</p> <p>Group Discussion: Difference between Group Discussion, Panel Discussion and Debate, Importance of Group Discussions, Traits, Types of Group Discussions, Individual Traits</p>



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3	<p>UNIT 3 Creativity at Workplace: Current Workplaces, Nurturing Hobbies at Work, The Six Thinking Hat Method</p> <p>Ethical Values: Ethics and Society, Correlation between Values and Behavior, Nurturing Ethics, Importance of Work Ethics, Problems in the Absence of Work Ethics</p> <p>Leadership and Team Building: Leader and Leadership, Leadership Traits, Culture and Leadership, Leadership Styles and Trends, Team Building, Types of Teams,</p> <p>Decision Making and Negotiation: Introduction to Decision Making, Steps for Decision Making, Decision Making Techniques, Negotiation Fundamentals, Negotiation Styles, Major Negotiation Concepts</p> <p>Stress and Time Management: Stress, Sources of Stress, Ways to Cope with Stress, time management, prioritising and procrastination</p>
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Reference Books
Soft Skills Development
<p>Text book:</p> <ol style="list-style-type: none"> 1. Soft Skills: an Integrated Approach to Maximise Personality, Gajendra S. Chauhan, Sangeeta Sharma, Wiley India <p>Additional References:</p> <ol style="list-style-type: none"> 1. Personality Development and Soft Skills, Barun K. Mitra, Oxford Press 2. Business Communication, Shalini Kalia, Shailja Agrawal, Wiley India 3. Soft Skills - Enhancing Employability, M. S. Rao, I. K. International 4. Cornerstone: Developing Soft Skills, Sherfield, Pearson India


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**Syllabus
Of
Course
Of**

**Bachelor of Science Computer Science
(BSC CS) Programme**

First Year

Semester I

Under Academic Autonomy and Credit, Grading and Semester System

(To be implemented during Academic Year- 2017-2018)

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Course Code:	Course	Hrs. of Instruction/week	Exam Duration (Hours)	Maximum Marks			Credits
				CI E	SEE	Total	
1737UCSWP	Web programming	3	2 ½ hrs	25	75	100	2

Course Objective:

By the end of the course, learners will be able to:

1. To Learn basics of web page design
2. To create web application with CSS
3. To learn ajax and jQuery for partial refreshes
4. Build dynamic web pages using JavaScript
5. To develop web applications with php and mysql.

Course outcome:

After completing this course learners will be able to:

- CO1: Apply the different tags in HTML for website creation.(apply)
 CO2: Describe the use of CSS with HTML.(understand)
 CO3: Develop a dynamic webpage by the use of java script(create)
 CO4: Recognize the web page creation and working with different tags with implementation of ajax and jQuery.(understand)
 CO5: Analyze and study the working of php with MySql(analyze)

Sr. No.	Modules / Units
1	<p>UNIT 1</p> <p>HTML5: Fundamental Elements of HTML, Formatting Text in HTML, Organizing Text in HTML, Links and URLs in HTML, Tables in HTML, Images on a Web Page, Image Formats, Image Maps, Colors, FORMs in HTML, Interactive Elements, Working with Multimedia - Audio and Video File Formats, HTML elements for inserting Audio / Video on a web page</p> <p>CSS: Understanding the Syntax of CSS, CSS Selectors, Inserting CSS in an HTML Document, CSS properties to work with background of a Page, CSS properties to work with Fonts and Text Styles, CSS properties for positioning an element (Skill Development)</p>

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2	UNIT 2
	<p>JavaScript: Using JavaScript in an HTML Document, Programming Fundamentals of JavaScript – Variables, Operators, Control Flow Statements, Popup Boxes, Functions – Defining and Invoking a Function, Defining Function arguments, Defining a Return Statement, Calling Functions with Timer, JavaScript Objects - String, RegExp, Math, Date, Browser Objects - Window, Navigator, History, Location, Document, Cookies, Document Object Model, Form Validation using JavaScript</p> <p>XML: Comparing XML with HTML, Advantages and Disadvantages of XML, Structure of an XML Document, XML Entity References, DTD, XSLT: XSLT Elements and Attributes - xsl:template, xsl:apply-templates, xsl:import, xsl:call-template, xsl:include, xsl:element, xsl:attribute, e xsl:attribute-set, xsl:value-of (Skill Development)</p>
3	UNIT 3
	<p>AJAX: AJAX Web Application Model, How AJAX Works, XMLHttpRequest Object – Properties and Methods, Handling asynchronous requests using AJAX</p> <p>PHP: Variables and Operators, Program Flow, Arrays, Working with Files and Directories, Working with Databases, Working with Cookies, Sessions and Headers</p> <p>Introduction to jQuery: Fundamentals, Selectors, methods to access HTML attributes, methods for traversing, manipulators, events, effects (Skill Development)</p>

Reference Books
Web Programming


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Text Book(s):

- 1) HTML 5 Black Book, Covers CSS 3, JavaScript, XML, XHTML, AJAX, PHP and jQuery, 2ed, Dreamtech Press
- 2) Web Programming and Interactive Technologies, scriptDemics, StarEdu Solutions India.
- 3) PHP: A Beginners Guide, Vikram Vaswani, TMH

Additional Reference(s):

- 1) HTML, XHTML, and CSS Bible Fifth Edition, Steven M. Schafer, WILEY
- 2) Learn to Master HTML 5, scriptDemics, StarEdu Solutions Pvt Ltd.
- 3) Learning PHP, MySQL, JavaScript, CSS & HTML5, Robin Nixon, O'Reilly
- 4) PHP, MySQL, JavaScript & HTML5 All-in-one for Dummies, Steve Suehring, Janet Valade Wiley

Practical (1737UCSPR)

1. Design a webpage that makes use of
 - a. Document Structure Tags
 - b. Various Text Formatting Tags
 - c. List Tags
 - d. Image and Image Maps
2. Design a webpage that makes use of
 - a. Table tags
 - b. Form Tags (forms with various form elements)
 - c. Navigation across multiple pages
 - d. Embedded Multimedia elements
3. Design a webpage that make use of Cascading Style Sheets with
 - a. CSS properties to change the background of a Page
 - b. CSS properties to change Fonts and Text Styles
 - c. CSS properties for positioning an element

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4. Write JavaScript code for
 - a. Performing various mathematical operations such as calculating factorial finding Fibonacci Series / Displaying Prime Numbers in a given range / Evaluating Expressions / Calculating reverse of a number
 - b. Validating the various Form Elements
5. Write JavaScript code for
 - a. Demonstrating different JavaScript Objects such as String, RegExp, Math,
 - b. Demonstrating different JavaScript Objects such as Window, Navigator, History, Location, Document,
 - c. Storing and Retrieving Cookies
6. Create a XML file with Internal / External DTD and display it using
 - a. CSS b. XSL
7. Design a webpage to handle asynchronous requests using AJAX on
 - a. Mouseover b. button click
8. Write PHP scripts for
 - a. Retrieving data from HTML forms
 - b. Performing certain mathematical operations such as calculating factorial finding Fibonacci Series / Displaying Prime Numbers in a given range Evaluating Expressions / Calculating reverse of a number
 - c. Working with Arrays
 - d. Working with Files (Reading / Writing)
9. Write PHP scripts for
 - a. Working with Databases (Storing Records / Retrieving Records and D
 - b. Storing and Retrieving Cookies
 - c. Storing and Retrieving Sessions
10. Design a webpage with some jQuery animation effects.



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