Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce, and Science College, Ahmednagar (Autonomous)
(Affiliated to Savitribai Phule Pune University, Pune)

National Education Policy (NEP)
Choice Based Credit System (CBCS)

Programme Skeleton and Syllabus of
B.B.A.(C.A.) (Minor)

Implemented from

Academic Year 2024-25

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

New Arts, Commerce and Science College, Ahmednagar (Autonomous)

Board of Studies in B.B.A.(C.A.)

Sr. No.	Name	Designation
1.	Mrs. Nimbalkar Sangita Sham	Chairman
2.	Mr. Talule Sonyabapu Sakharam	Member
3.	Mr. Gobare Manohar B.	Member
4.	Miss. Danave Bharati M.	Member
5.	Mr. Pachpande Suhas D.	Academic Council Nominee
6.	Dr. Patil Chandrashekhar Himmatrao	Academic Council Nominee
7.	Prof. (Mrs.) Siddavatam A. Shakilabanu	Vice-Chancellor Nominee
8.	Mrs. Mohite-Patil Amruta Rahul	Alumni
9.	Mr. Dawbhat Arun Rangnath	Industry Expert
10.	Mrs. Kulkarni Aparna A.	Member(co-opt)
11.	Mrs. Suroshi M.S.	Member
12.	Mr. Bade R.K.	Member
13.	Mr. Supekar K.A.	Member

1. Prologue/ Introduction of the programme: At least one page

Students from arts and science stream can

Web development could be a good profession for all students if they like solving logical problems, building useful things, and experimenting with new technologies. Web developers are in high demand, generally have a good work/life balance, and command comfortable salaries. Web development work could be in the front end, the back end, or the full stack.

Web development refers to the creating, building, and maintaining of websites. It includes aspects such as web design, web publishing, web programming, and database management. It is the creation of an application that works over the internet i.e. websites.

Large tech companies, such as Google, Meta, and Amazon, have very stringent hiring requirements. If students successfully meet these expectations, they offer excellent pay, benefits, and opportunities.

As a freelancer, students could command a strong hourly wage and the freedom to schedule and design their own products. Strong people skills are necessary for this path.

Another career is as a consultant for a web consultancy, any one would give up some of his/her freelancing wage potential but be able to focus more on the code and less on the hustle. This option also provides a good work/life balance and pay.

2. Programme Outcomes (POs)

1. To introduce the fundamentals of Internet, and the principles of web design.
2. Students will be able to write a well formed Digital Marketing concepts
3. Students are able to develop various Blogging Tools.
4. Web Design Fundamentals
5. To construct basic websites using HTML and Cascading Style Sheets.
6. To build dynamic web pages with validation using Java Script objects and by applying different event handling mechanisms. and Web Development with PHP.
7. Students will be able to work with different Frameworks

Credit Distribution for B.B. A.(C.A.) including Major, Minor and OE and other courses.

	Type of Courses	III Yr	IV Yrs (Honours)	IV Yrs Research
Major Marathi	Discipline-Specific Courses (DSC)	46	74	66
	Discipline Specific Elective (DSE)	08	16	16
	Skill Enhancement Courses (SEC)	06	06	06
	Vocational Skill Courses (VSC)	08	08	08
	On-Job Training (OJT)	04	08	04
	Field Project (FP)	04	04	04
	Community Engagement and Service (CEP)	02	02	02
	Research project	00	00	12
	Research Methodology	00	04	04
	Total (I, II and III Year)	78	122	122
Minor	Minor	20	20	20
Other Courses	Open Elective (OE)/ Multidisciplinary Courses	12	12	12
	Indian Knowledge System	02	02	02
	Co-Curricular Courses	08	08	08
	Ability Enhancement Courses	08	08	08
	Value Education Courses	04	04	04
	Total	132	176	176

B. B.A.(C.A.) Programme Framework: Credit Distribution

			DSC	DSE	SEC	VSC	FP/ OJT /IN/CEP	IKS							
I	I	4.5	06	-	02	-	-		03	03		02	02	02	22
I	II	4.5	06	-	02	02	-	02	03	03	-	02	02	02	22
Exit Option: Award of UG Certificate in Major with 44 credits and an additional 4 credit core NSQF course /Internship or Continue with Major and Minor															
II	III	5.0	08	-	02	-	FP-02		03	03	-	02	02	-	22
II	IV	5.0	08	-	00	02	CEP-02		03	03	-	02	02	-	22
Exit Option: Award of UG Diploma in Major with 88 credits and an additional 4 credit core NSQF course /Internship or Continue with Major and Minor															
III	V	5.5	10	04	-	02	FP-02		04	-	-	-	-	-	22
III	VI	5.5	08	04	-	02	OJT-04		04	-	-	-	-	-	22
Exit Option: Award of 3-Yr UG Degree in Major and Minor with 132 credits or continue with Major for a 4-year Degree															

Year	Semester	Level	DSC	DSE	SEC	VSC	FP/OJT/IN/CEP	IKS	Minor	OE	CC	AEC	VEC	Total
IV	VII	6.0	14	04	RM:04	-	-		-	-	-	-	-	-	22
IV	VIII	6.0	14	04	-	-	OJT-04		-	-	-	-	-	-	22
			4-Yr UG Degree (Honours) with Major and Minor with 176 credits											
IV	VII	6.0	10	04	RM:04	-	RP-04		-	-	-	-	-	-	22
IV	VIII	6.0	10	04	-	-	RP-08		-	-	-	-	-	-	22
			4-Yr UG Degree (Honours with Research) with Major and Minor with 176 credits											

B.B.A(C.A.) Programme Framework: Course Distribution

Year	Semester	Level	Major						Minor	OE	CC	AEC	VEC	Total
			DSC	DSE	SEC	VSC	FP/OJT/IN/CEP	IKS						
I	I	4.5	02	-	01	-	-	01	01	01	01	01	01	09
I	II	4.5	02	-	01	01	-	-	01	01	01	01	01	09
	Exit Option: Award of UG Certificate in Major with 44 credits and an additional 4 credit core NSQF Course /Internship or Continue with Major and Minor													
II	III	5.0	03	-	01	-	01	-	01	01	01	01	-	09
II	IV	5.0	03	-	-	01	01	-	01	01	01	01	-	09
	Exit Option: Award of UG Diploma in Major with 88 credits and an additional 4 credit core NSQF Course /Internship or Continue with Major and Minor													
III	V	5.5	03	01	-	01	01	-	01		-	-	-	07
III	VI	5.5	02	01	-	01	01	-	01		-	-	-	06
	Exit Option: Award of 3-Yr UG Degree in Major and Minor with 132 credits or continue with Major for a 4-year Degree													
IV	VII	6.0	04	01	RM:01	-	-	-	-		-	-	-	06
IV	VIII	6.0	04	01	-	-	01	-	-		-	-	-	06
	4-Yr UG Degree (Honours) with Major with 176 credits													
IV	VII	6.0	03	01	RM:01	-	01	-	-		-	-	-	06
IV	VIII	6.0	03	01	-	-	01	-	-		-	-	-	05
	4-Yr UG Degree (Honours with Research) with Major with 176 credits													

Programme Framework (Courses and Credits): B.B.A.(C.A.) (Minor)

Sr. No.	Year	Semester	Level	Course Type	Course Code	Title	Credits
1.	I	I	4.5	MNR-1	BBACA101T	Introduction to internet and related technologies	03
2.	I	II	4.5	MNR-2	BBACA201T	Digital Marketing concepts	03
3.	II	III	4.5	MNR-3	BBACA301T	Blogging Tools	03
4.	II	IV	4.5	MNR-4	BBACA401T	Web Design Fundamentals	03
5.	III	V	5.0	MNR-5	BBACA501T	Web Development with PHP	04
6.	III	VI	5.0	MNR-6	BBACA601T	Web development with different Frameworks	04
							20

<div align="center">

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Science College, Ahmednagar.
(Autonomous)
Syllabus
B.B.A.(C.A.) (Minor)

</div>

Title of the Course: Blogging Tools								
Year: I				Semester: III				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
MNR-3	BBACA301T	03	00	03	45	30	70	100

Course Outcomes (Cos)

On completion of this course, students will be able to:
1. Understanding the blogging concept
2. To develop skills to create a good blog
3. To understand various blogging tools and uses.

Unit I: Introduction   (10)

       1.1 Introduction to Digital Marketing using blogs
       1.2.Blogs Introduction
       1.3 Content writing
       1.4 Publishing and copyright
       1.5 Market need
       1.6 Earning through blogging
       1.7 Design banners

Unit II: Blogger   (12)

       2.1 Creating an account
       2.2 Understanding the menus
       2.3 Adding blog
       2.4 View the blog
       2.5 Change the themes
       2.6 Understand and change the layout of blog
       2.7 Pages,comment and statistics

Unit III:Wordpress   (12)

       3.1 Creating an account
       3.2 Customizing site
       3.3 Understanding the menus
       3.4 Adding the blog

3.5 View the blog

Unit IV: Themes and plugins in wordpress: (11)

4.1 Change the themes
4.2 Understand plugins
4.3 Install plugins
4.4 Use plugins
4.5 Understand and change the layout of blog
4.6 Adding Pages
4.7 Working with comment

Blogging Tools Assignments

Assignment 1
1. Install Canva.
2. Make Design
3. Design Thumbnails.
4. Different size banners and thumbnails

Assignment 2
1. Install Blooger
2. Login to blogger
3. Create blogger
4. Changing blogger name and properties

Assignment 3
1. Post blog in blogger
2. Edit blog
3. Update blog
4. Delete Blog
5. Change Theme
6. Add Page in Blogger
7. Edit Page
8. Delete Page
9. Comment Section

Assignment 4
1. Install wordpress
2. Login to wordpress
3. Add post in wordpress blog
4. Edit Post in wordpress blog
5. View Blogs.
6. Delete post in wordpress blog

Assignment 5
1. Add edit Delete menu in wordpress
2. Work in customized menu section in wordpress
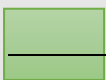3. Change themes
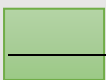
    4. Edit themes

Assignment 6
1. Install wordpress plugins
2. Make changes in wordpress plugins
3. Check multiple functionality in wordpress plugins
4. Analytics Integration .

Title of the Course: Web Design Fundamentals								
Year: I				Semester: IV				
Course Type	Course Code	Credit Distribution		Credits	Allotted Hours	Allotted Marks		
		Theory	Practical			CIE	ESE	Total
MNR-4	BBACA401T	03	00	03	45	30	70	100

Course Outcomes (Cos)

Objectives:
i) To know & understand concepts of internet programming.
ii) To understand how to develop web based applications using JavaScript.

1 1. Introduction (08)

1.1 Clients- Servers and Communication
1.2 Internet-Basic, Internet Protocols (HTTP, FTP, IP)
1.3 World Wide Web(WWW)
1.4 HTTP request message, HTTP response message

2 2. Web Design (08)

2.1 Concepts of effective web design
2.2 Web design issues including Browser Bandwidth and Cache
2.3 Display resolution
2.4 Look and Feel of the Website
2.5 Page Layout and linking
2.6 User centric design
2.7 Sitemap
2.8 Planning and publishing website
2.9 Designing effective navigation

3. HTML (16)

3.1 Introduction to HTML
3.2 Basic HTML Structure
3.3 Common HTML Tags
3.4 Physical and Logical HTML
3.5 Types of Images, client side and server-side Image mapping
3.6 List, Table, Frames
3.7 Embedding Audio, Video
3.8 HTML form and form elements
3.9 Introduction to HTML Front Page

4. Style sheets (10)

4.1 Need for CSS
4.2 Introduction to CSS

4.3 Basic syntax and structure
4.4 Using CSS-
4.4.1 background images, colors and properties,
4.4.2 manipulating texts, using fonts, borders and
boxes, margins, padding lists, positioning
using CSS
4.5 Overview and features of CSS2 and CSS3

5. Intro to JavaScript

(10)

5.1 Introduction to Javascript
5.2 Identifier & operator, control structure, functions
5.3 Document object model(DOM),
5.4 DOM Objects (window, navigator, history, location)

6. JS Function And Array   (08)

6.1 Predefined functions, math & string functions
6.2 Array in Java scripts
6.3 Event handling in Javascript
6.4 Different framework in JS.

Suggested Readings:

1. Business Mathematics by Dr. AmarnathDikshit and Dr. Jinendrakumar Jain.
2. Business Mathematics by V. K. Kapoor – Sultan, Chand and sons. Delhi.
3. Business Mathematics by Bari – New Literature publishing company, Mumbai.
4. Operation Research by S. D. Sharma - Sultan, Chand and sons.
5. Operation Research by J. K. Sharma - Sultan, Chand and sons