



Shri Gajanan Maharaj Shikshak Prasarak Mandal's
Sharadchandra Pawar Arts & Commerce College
Dudulgaon, Alandi Devachi, Pune-412105

**Recognized by DTE (Govt. of Maharashtra),
Affiliated to Savitribai Phule Pune University**

**COs, POs and PSO's
Assessment and Attainment Manual
for
(OUTCOME BASED EDUCATION)**



Index

Sr. No	Index	Page No
1	College Vision, Mission ,and Objectives	3
2	College Values	4
3	Definition Of CO,PO	5
4	Blooms Taxonomy	6
5	Programme Outcome (PO)	7
6	Vision, Mission and Objectives Mapping	11
7	Course Outcome (CO)	12
8	Mechanism of CO and Po Mapping	13
9	Mechanism of CO Attainment	15
10	Mechanism of Concurrent Evaluation	16
11	Procedure of Attainment of Programme Outcomes	29
12	CO Attainment Sheet (Direct Co Attainment, Indirect CO Attainment and Total CO Attainment)	42

VISION

“To provide affordable quality education, while equipping students with knowledge and skill in their chosen stream, inculcate values, identify hidden talents, provide opportunities for students to realize entrepreneurship and above all good human beings, who contribute for the development of the nation.”

MISSION

“To pursue excellence in education with a holistic and sustainable developmental approach through dynamic workforce as a stray to create future leaders, transformative entrepreneurs and ethical citizens who generate value for the industry, society and the nation.”

OBJECTIVES

1. To be a premier college known for its teaching, training, research and extension activities.
2. To sow the seeds of entrepreneurship in the mind of the students.
3. To find hidden talent among the students and to motivate them to grab innovative ideas.
4. To develop all round personality of students to enable for the employment, profession & business.
5. To give value education to the students for becoming responsible citizens, who shall contribute for the development of Nation.




PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune

VALUES

**Quest for
excellence**

**Promoting the use
of technology**

**Contributing to
National
Development**

**Inculcating a value
system among the
students**



Shorah
PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgeon (Alandi), Pune

DEFINITIONS OF PO, CO AND OBA

Programme Outcomes (POs): Programme Outcomes are a set of narrow statements that describes what students (learners) of the programme are expected to know and be able to perform or attain by the time of post graduation.

Course Outcomes (COs): A set of specific statements that describes the complex performances a student should be capable of as a result of learning experiences within a course.

Learning Outcomes: A learning outcome is what a student CAN DO as a result of a learning experience. It describes a specific task that he/she is able to perform at a given level of competence under a certain situation.

The three broad types of learning outcomes are:

- a) Knowledge
- b) Skills
- c) Attitudes

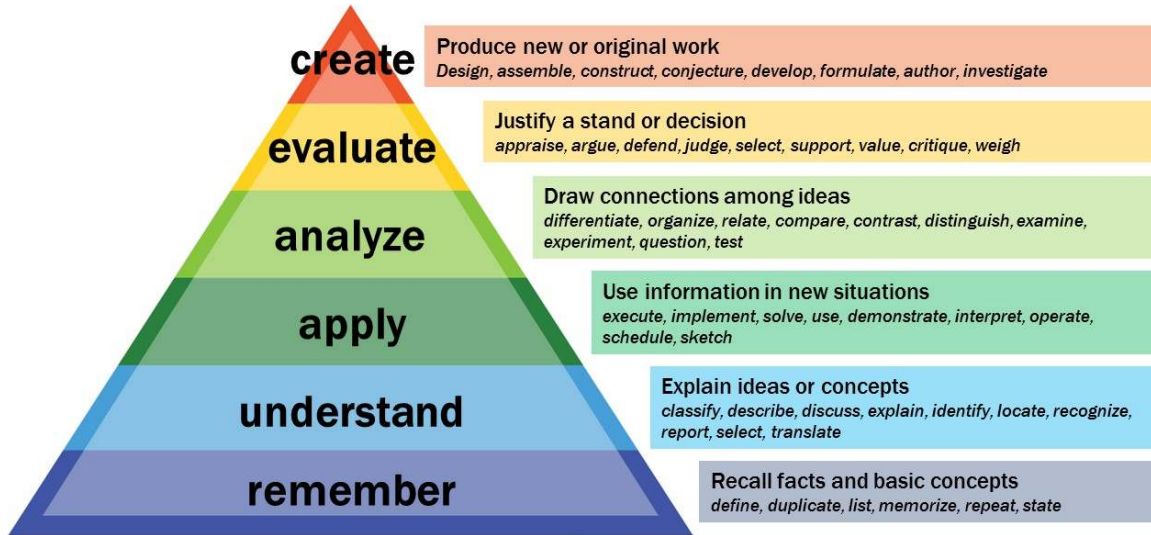
Outcome Based Assessment (OBA): An assessment system that asks course teachers to first identify what it is that we expect students to be able to do once they have completed a course or program. It then asks course teachers to provide evidence that they are able to do so.







PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Duduigeon (Alandi), Pune

BLOOMS TAXONOMY

Bloom's Taxonomy



BLOOM'S TAXONOMY DIGITAL PLANNING VERBS					
REMEMBERING	UNDERSTANDING	APPLYING	ANALYZING	EVALUATING	CREATING
					
Copying Defining Finding Locating Quoting Listening Googling Repeating Retrieving Outlining Highlighting Memorizing Networking Searching Identifying Selecting Tabulating Duplicating Matching Bookmarking Bullet-pointing	Annotating Tweeting Associating Tagging Summarizing Relating Categorizing Paraphrasing Predicting Comparing Contrasting Commenting Journaling Interpreting Grouping Inferring Estimating Extending Gathering Exemplifying Expressing	Acting out Articulate Reenact Loading Choosing Determining Displaying Judging Executing Examining Implementing Sketching Experimenting Hacking Interviewing Painting Preparing Playing Integrating Presenting Charting	Calculating Categorizing Breaking Down Correlating Deconstructing Linking Mashing Mind-Mapping Organizing Appraising Advertising Dividing Deducing Distinguishing Illustrating Questioning Structuring Integrating Attributing Estimating Explaining	Arguing Validating Testing Scoring Assessing Criticizing Commenting Debating Defending Detecting Experimenting Grading Hypothesizing Measuring Moderating Posting Predicting Rating Reflecting Reviewing Editorializing	Blogging Building Animating Adapting Collaborating Composing Directing Devising Podcasting Wiki Building Writing Filming Programming Simulating Role Playing Solving Mixing Facilitating Managing Negotiating Leading




 PRINCIPAL
 Sharadchandra Pawar Arts & Commerce College
 Dudulgaon (Alandi), Pune

COURSE OUTCOMES (POs)

PROGRAM OUTCOMES FOR BACHELOR OF ARTS

Program Outcomes: B.A.	
PO1	Developing Critical Thinking: Acquiring knowledge through reading and Writing in order to develop critical thinking. To direct efforts for checking accuracy and validity of our thought process for taking decisions at different levels from different perspectives.
PO2	Effectiveness in Communication: Ability to speak, read, write and listen clearly inversion and through electronic media for competence and confidence building in at least one Indian language and English to lead the happy life in terms of connecting people and understanding ideas from books, media and from the technological resources.
PO3	Competence for Interactions: Understand and make evaluation of the views of others, express disagreements or acceptance in person and in groups taking knowledge of different subjects and also by way of reading books in library.
PO4	Active Citizenship: Contribute to the national development demonstrating social concern and volunteering civic responsibilities for effective citizenship thereby contributing social and national development.
PO5	Values and Ethics: Identify the established value system and develop some core values for the evaluation of moral dimensions of decision making and accepting the responsibility.
PO6	Environmental and Sustainability: Exhibit environmental awareness for reasonable use of the resources keeping the sense of sustainable development of human beings in future.
PO7	Life Long Learning: Acquire the ability for self-directed learning and life-long learning adapting the changes in social and technological back drop.
PO8	Role as Global Citizen: The academic development of the students must lead to create a responsible and global citizen in them for the peaceful existence of the humanity at large and for making life healthy and happy for all across the globe.
PO9	Social Concern: Developing social sense among the students by demonstrating examples of the social leaders so that the quality of contributing to the society and overcoming the selfish attitude among them may be developed.
PO10	Skill Development: Developing multiple intelligence and multiple skills required for making out life in the world more meaningful and also to lead a successful life. Developing attitude of sharing and transfer of the knowledge and skills with the other counterparts for the benefit of the future generation and for the sustainable development of mankind.




PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgeon (Alandi), Pune

PROGRAM OUTCOMES FOR BACHELOR OF COMMERCE

Program Outcomes: B.Com	
PO1	Skill Development: Personality Development and business skills such as Organizational skills, financial accounting, computerized accounting, statistics, auditing and business finance.
PO2	Business Concepts: Clear the concepts of business economics, monetary economics, marketing management, Human resource management and business organization and management.
PO3	Develop Multiple Intelligence: Acquire the knowledge of company law, industrial law, secretarial practice and income tax.
PO4	Professional Ethics: Acquire the professional ethics and values related to commerce or its sustainable development.
PO5	Communication Skills: Develop Business communication skills for connecting people and understanding ideas from books, media and from the technological resources and also to develop marketing skills.
PO6	Civic Responsibility: Contribute to the national development demonstrating social concern and volunteering civic responsibilities for effective citizenship.
PO7	Entrepreneurship skills: Imbibe knowledge and skills required for developing entrepreneurship among the students for the sustainable development of the society and the nation at large.
PO8	Industry Interaction: Develop skills related to the functioning of the industry and provide the knowledge of the production process, processing and distribution of the products.
PO9	Advanced Business Technology: Developing the techniques, knowledge and skills adopted in Business in the form of advanced technology of ICT for the expansion of the business and making it more convenient for the consumers.
PO10	Taxation and Economical Growth: Adopting and developing the strategies and skills pertaining to the economic growth of the nation keeping in mind the strategies adopted on the national and international platform for different types of taxation.




PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgeon (Alandi), Pune

PROGRAM OUTCOMES FOR BACHELOR OF BUSINESS ADMINISTRATION (COMPUTER APPLICATION)

Program Outcomes: B.B.A.(C.A.)

PO1	Computational Knowledge: Demonstrate competencies in fundamentals of computing, computing specialization, mathematics and domain knowledge suitable for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.
PO2	Problem Analysis : Identify, formulate and analyse complex real-life problems in order to arrive at computationally viable conclusions using fundamentals of mathematics, computer sciences, management and relevant domain disciplines.
PO3	Design / Development of Solution: Design efficient solution for complex, real-world problems to design systems, components or processes that meet the specifications with suitable consideration to public health, safety, cultural, societal and environmental considerations.
PO4	Conduct Investigations of Complex Computing Problems: Ability to Research , analyse and investigate complex computing problems through design of experiments, analysis and interpretation of data and synthesis of the information to arrive at valid conclusions.
PO5	Modern Tool Usage: Create, select, adapt and apply appropriate technologies and tools to a wide range of computational activities while understanding their limitations
PO6	Professional Ethics: Ability to perform professional practices in an ethical way, keeping in the mind cyber regulators & lines responsibilities and norms of professional computing practices.
PO7	Life-long Learning: Ability to engage in independent learning for continuous se- development as a Computing professional.
PO8	Project Management and Finance: Ability to apply knowledge and understanding of the computing and management principles and apply these to one's work, as a member and leader in a team to manage projects in multidisciplinary environments.
PO9	Communication Efficacy: Ability to effectively communicate with the technical community and with the society at large about complex computing activities by being able to understand and write effective reports, design documentation, make effective presentations with the capability of giving and taking clear instructions.
PO10	Societal and Environmental Concern: Ability to recognize and stress societal environmental, health, safety legal and cultural issues within local and global contexts and the consequential responsibilities applicable to professional computing practices.
PO11	Individual and Team Work: Ability to work in multi-disciplinary team collaboration both as a member and leader, as per need.
PO12	Innovation and Entrepreneurship: Ability to apply innovation to track a state opportunity to create value and wealth for the betterment of the individual and society at large.




 PRINCIPAL
 Sharadchandra Pawar Arts & Commerce College
 Dudulgeon (Alandi), Pune

PROGRAM OUTCOMES FOR MASTER OF ARTS

After completion of M.A. programme, the students will be able:

PO1: Learn the importance of ethical values through literature, social and natural sciences.

PO2: Apply the human values/ethics in integrating the national growth.

PO3: Develop independent logical and critical thinking to achieve excellence.

PO4: Learn and develop communication and analytical skills.

PO5: Demonstrate proficiency in a range of techniques and media.

PROGRAM OUTCOMES FOR MASTER OF COMMERCE

After completion of M. Com. programme, the students will be able:

PO1: Accept a variety of challenges in the Business Environment.

PO2: Develop independent logical thinking and thereby achieve his overall personality development.

PO3: Select and opt for the appropriate career in Management and Entrepreneurship.

PO4: Undertake various methods of data collection and its interpretation for the proper decision making in the Business Environment.

PO5: Develop and implement communication and analytical skills.




PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgeon (Alandi), Pune

Vision – Mission-Objectives-Values Mapping of SPACC

Objectives of	Vision of	Mission of	Values of			
			Quest for excellence	Promoting the use of technology	Inculcating a value system among the students	Contributing to National development
	To provide affordable quality education, while equipping students with knowledge and skill in their chosen stream, inculcate values, identify hidden talents, provide opportunities for students to realize entrepreneurship and above all good human beings, who contribute for the development of the nation.	To pursue excellence in education with a holistic and sustainable developmental approach through dynamic workforce as a stray to create future leaders, transformative entrepreneurs and ethical citizens who generate value for the industry, society and the nation				
			Yes	Yes	Yes	Yes
			Yes	Yes	Yes	Yes
To be a premier college known for its teaching, training, research and extension activities.	Yes	Yes	Yes	Yes	Yes	Yes
To sow the seeds of entrepreneurship in the mind of the students	Yes	Yes	Yes	Yes	Yes	Yes
To find hidden talent among the students and to motivate them to grab innovative ideas.	Yes	Yes	Yes	Yes	Yes	Yes
To develop all round personality of students to enable for the employment, profession & business.	Yes	Yes	Yes	Yes	Yes	Yes
To give value education to the students for becoming responsible citizens, who shall contribute for the development of Nation	Yes	Yes	Yes	Yes	Yes	Yes



Department of B.A.



Sh. H. H. H. H. H.

PRINCIPAL

**Sharadchandra Pawar Arts and Commerce College,
Dudulgaon (Alandi), Pune.**



Shri Gajanan Maharaj Shikshan Prasarak Mandal's
Sharadchandra Pawar Arts and Commerce College
Dudulgaon, Pune-412105
(Affiliated to Savitribai Phule Pune University, Recognised by Govt. of Maharashtra)



Course Framework

Name of Faculty	Dr. Chhaya Joshi
Semester	III/IV
Course Code	23331/24331
Name of the Course:	Special English – I (SI)
Course Type	Optional Course
No. of Credits	3
No. of lectures per week	4
Total No. of Sessions	48

Evaluation Mechanism

CIE Marks	30
University Assessment-Univ.Exam	70
Total Marks	100

• Course Overview:

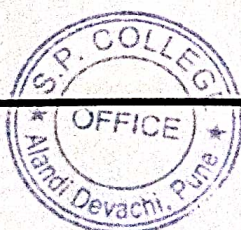
Drama is an age-old form of literature. Moreover, it is a performing art form. It has been undergoing several transformations in its form and performance till date. In this sense, the world of drama has been exploring and exposing very many distinguishing theoretical, literary and theatrical dimensions. At the backdrop of the very dynamics of drama, the syllabus prescribed under this paper attempts to give justice to the multi-dimensional aspects of drama. The course contents and the evaluation patterns are radically designed to keep pace with the age of technology and to empower the learners for futuristic academic avenues.

• Learning Outcomes:

- 1) Student will gain knowledge about Drama as a form of Literature.
- 2) Student will know the human life at universal level also they know about different streaks of human life.
- 3) Students can analyse literary forms.

Rubrics for Continuous Internal Evaluation (CIE)

No.	Evaluation Criteria	Marks
1	(IA-1) Home Assignments	10 Marks
2	(IA-2) Internal Exam	20 Marks
3	University Examination	70 Marks
	Total Evaluation Marks	100 Marks



- **Innovation in Pedagogy in Teaching and Learning Process:**

1. Power point presentation
2. Group Discussion
3. Dialogue Practices
4. E-books
5. Google meet/Zoom meet
6. You tube videos
7. Library Assignment
8. Guest Lecture

- **Course Outcomes (COs):**

CO1: Both major and minor forms of Drama will be introduced as a major component of literature.

CO2: Students will be acquainted with the literary and the performing dimensions of drama.

CO3: Will be encouraged to make a detailed study of a few sample masterpieces of English Drama from different parts of the world.

CO4: The interest among students to appreciate and analyse drama independently will be developed.

CO5: Students' awareness regarding aesthetics of drama will be enhanced.

- **CO-PO Mapping and Attainment**

Level of Attainment	Description
0	No Correlation
1	Low Correlation
2	Moderate Correlation
3	High Correlation



Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Total COs Accomplished
CO.1	3	1	0	0	0	0	0	0	0	3	7
CO.2	3	0	0	0	0	0	0	0	1	3	7
CO.3	3	2	0	0	0	0	1	0	0	0	6
CO.4	3	2	0	0	0	0	0	0	0	1	6
CO.5	3	1	1	0	0	0	0	0	0	0	5
Total POs Accomplished	15	6	1	0	0	0	1	0	1	7	31 31



• Program Outcomes

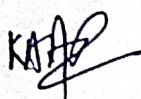
POs	Attribute	Program Outcome
PO1	Developing Critical Thinking	Acquiring knowledge through reading and Writing in order to develop critical thinking. To direct efforts for checking accuracy and validity of our thought process for taking decisions at different levels from different perspectives.
PO2	Effectiveness in Communication	Ability to speak, read, write and listen clearly inversion and through electronic media for competence and confidence building in at least one Indian language and English to lead the happy life in terms of connecting people and understanding ideas from books, media and from the technological resources.
PO3	Competence for Interactions	Understand and make evaluation of the views of others, express disagreements or acceptance in person and in groups taking knowledge of different subjects and also by way of reading books in library.
PO4	Active Citizenship	Contribute to the national development demonstrating social concern and volunteering civic responsibilities for effective citizenship thereby contributing social and national development.
PO5	Values and Ethics	Identify the established value system and develop some core values for the evaluation of moral dimensions of decision making and accepting the responsibility.
PO6	Environmental and Sustainability	Exhibit environmental awareness for reasonable use of the resources keeping the sense of sustainable development of human beings in future
PO7	Life Long Learning	Acquire the ability for self-directed learning and life-long learning adapting the changes in social and technological back drop.
PO8	Role as Global Citizen	The academic development of the students must lead to create a responsible and global citizen in them for the peaceful existence of the humanity at large and for making life healthy and happy for all across the globe.
PO9	Social Concern	Developing social sense among the students by demonstrating examples of the social leaders so that the quality of contributing to the society and overcoming the selfish attitude among them may be developed.
PO10	Skill Development	Developing multiple intelligence and multiple skills required for making out life in the world more meaningful and also to lead a successful life. Developing attitude of sharing and transfer of the knowledge and skills with the other counterparts for the benefit of the future generation and for the sustainable development of mankind.

Prepared By



Dr. Chhaya Joshi
Course Teacher

Checked By



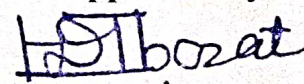
Prof. Kailas Astarkar
HOD

Reviewed By



Dr. Chhaya Joshi
Coordinator-IQAC

Approved By



Dr. H. D. Thorat
Principal

PRINCIPAL
Sharadchandra Paver Arts & Commerce
Dudulgaon (Alandi), Pune

Department of B.Com



Sh. H. H. H. H.

PRINCIPAL

**Sharadchandra Pawar Arts and Commerce College,
Dudulgaon (Alandi), Pune.**



Shri Gajanan Maharaj Shikshan Prasarak Mandal's
Sharadchandra Pawar Arts and Commerce College
Dudulgaon, Pune-412105
(Affiliated to Savitribai Phule Pune University, Recognised by Govt. of Maharashtra)



Course Framework

Name of Faculty	Dr.Samina Momin
Semester	V/VI
Course Code	356B/366B
Name of the Course:	Banking Law and Practices in India - II
Course Type	Elective
No. of Credits	3+1
No. of lectures per week	4
Total No. of Sessions	48

Evaluation Mechanism

CIE Marks	30
University Assessment-Univ. Exam	50
University Assessment Practical	20
Total Marks	100

• Course Overview:

To familiarize students about concept and types cybercrimes in banking. To understand the aspects of paying and collecting banker. To analyse the banker and customers relationship. To enable the students to apply the legal and practical aspects of bank advances.

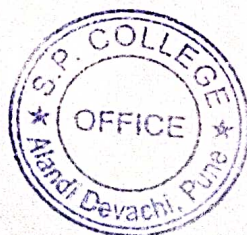
Learning Outcome:

- 1) Understanding the concept and types of cyber-crimes in banking
- 2) Understanding the the concept of paying and aspects of paying and collecting banker.

Rubrics for Continuous Internal Evaluation (CIE)

No.	Evaluation Criteria	Marks
1	(IA-1) Internal Assessment-1*	10 Marks
2	(IA-2) Internal Assessment-2*	10 Marks
3	(IA-2) Internal Assessment-3*	10 Marks
4	Practical Examination	20 Marks
5	University Examination	50 Marks
	Total Evaluation Marks	100 Marks

- * Internal assessment may consist of any two evaluation technique out of
a. Written examination b. Quiz c. Presentations d. Projects e. Assignments f. Tutorials g. Oral examination



• **Innovation in Pedagogy in Teaching and Learning Process:**

1. Group Activity
2. Visit and Interview
3. E-books
4. Library Assignment
5. Guest Lecture
6. Case Study

• **Course Outcomes (COs):**

CO1-Understanding the relationship between banker and customers.

CO2-Understanding the legal aspects of bank advances

CO3-To analyse the banker and customers relationship.

CO4To enable the students to apply the legal and practical aspects of bank advances.

CO5-To understand the aspects of paying and collecting banker.

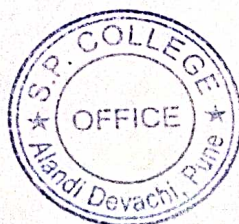
CO6-To familiarize students about concept and types cybercrimes in banking.

CO-PO Mapping and Attainment

Level of Attainment	Description
0	No Correlation
1	Low Correlation
2	Moderate Correlation
3	High Correlation

Update values as per mapping criteria given above)

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Total COs Accomplished
CO.1	2	2	1	2	1	1	2	2	1	2	16
CO.2	1	2	1	2	1	1	2	1	1	1	13
CO.3	2	2	1	1	1	2	0	1	2	2	14
CO.4	2	2	1	0	2	0	1	2	0	2	12
CO.5	2	0	1	2	2	1	0	2	2	2	14
CO.6	2	0	1	1	0	2	0	1	1	2	10
Total POs Accomplished	11	08	06	08	07	07	05	09	07	11	79



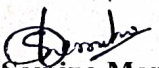
Program Outcomes: B.Com

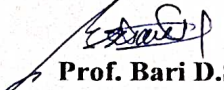
PO1	Skill Development: Personality Development and business skills such as Organizational skills, financial accounting, computerized accounting, statistics, auditing and business finance.
PO2	Business Concepts: Clear the concepts of business economics, monetary economics, marketing management, Human resource management and business organization and management.
PO3	Develop Multiple Intelligence: Acquire the knowledge of company law, industrial law, secretarial practice and income tax.
PO4	Professional Ethics: Acquire the professional ethics and values related to commerce or its sustainable development.
PO5	Communication Skills: Develop Business communication skills for connecting people and understanding ideas from books, media and from the technological resources and also to develop marketing skills.
PO6	Civic Responsibility: Contribute to the national development demonstrating social concern and volunteering civic responsibilities for effective citizenship.
PO7	Entrepreneurship skills: Imbibe knowledge and skills required for developing entrepreneurship among the students for the sustainable development of the society and the nation at large.
PO8	Industry Interaction: Develop skills related to the functioning of the industry and provide the knowledge of the production process, processing and distribution of the products.
PO9	Advanced Business Technology: Developing the techniques, knowledge and skills adopted in Business in the form of advanced ICT technology of ICT for the expansion of the business and making it more convenient for the consumers.
PO10	Taxation and Economic Growth: Adopting and developing the strategies and skills pertaining to the economic growth of the nation keeping in mind the strategies adopted on the national and international platform for different types of taxation.




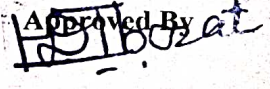
- Linkage of CIE To COs:- (Degree of Match :-0-Do not match, 1- Moderate Match, 2- Good Match,3- Excellent Match)

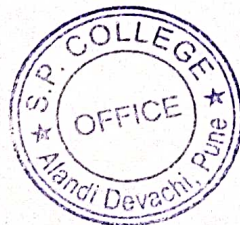
Course Outcome	Cognitive Ability	COMPREHENSIVE CONCURRENT EVALUATION		
		IA-1	IA-2	IA-3
		Group Activity	Oral Examination	Term End Examination
CO.1	Remembering	2	2	2
CO.2	Understanding	3	2	3
CO.3	Applying	2	3	2
CO.4	Analyzing	1	3	2
CO.5	Evaluating	2	2	1
CoO.6	Observation	2	2	2
Contribution of IA to CO		12	14	12
Average COs		2	2.33	2

Prepared By

Dr. Samina Momin
 Course Teacher

Checked By

Prof. Bari D.S.
 HOD

Reviewed By

Dr. Joshi. C.K.
 Coordinator-IQAC
 Sharadchandra Pawar Arts & Commerce College
 Dudulgaon (Alandi), Pune-412105.

Approved By

Dr. H.D. Thorat
 Principle
 PRINCIPAL
 Sharadchandra Pawar Arts & Commerce College
 Dudulgaon (Alandi), Pune



Department of B.B.A.(CA)



H. Thosar

PRINCIPAL

Sharadchandra Pawar Arts and Commerce College,
Dudulgaon (Alandi), Pune.



Shri Gajanan Maharaj Shikshan Prasarak Mandal's
**Sharadchandra Pawar Arts and Commerce
College**
Dudulgaon, Pune-412105
(Affiliated to Savitribai Phule Pune University, Recognised by Govt. of
Maharashtra)



Course Framework

Name of Faculty	Mrs. Sonali Vipul Abhang
Semester	IV
Course Code	CA-401
Name of the Course:	Networking
Course Type	Core Course (CC)
No. of Credits	3
No. of lectures per week	4
Total No. of Sessions	48

Evaluation Mechanism

CIE Marks	30
University Assessment-Univ. Exam	70
University Assessment-Practical	00
Total Marks	100

- **Course Overview:**

Networking subject provides the basic knowledge about networking concepts like cabling, LAN, MAN, WAN etc. It also gives knowledge about Socket programming.

- **Learning Outcome:**

1. To gain knowledge about Computer Networks concepts.
2. To know about working of networking models, addresses, transmission medias and connectivity devices.
3. To acquire information about network security and cryptography.

Rubrics for Continuous Internal Evaluation (CIE)

No.	Evaluation Criteria	Marks
1	IA-1 Unit Test	10 Marks
2	IA-2 Internal Exam	10 Marks
3	IA-3 Assignment (5 marks) + Attendance (5 marks)	10 Marks
4	Practical Examination	00 Marks
5	University Examination	70 Marks
	Total Evaluation Marks	100 Marks

Innovation in Pedagogy in Teaching and Learning Process

1. Power point presentation
2. E-books
3. You tube videos
4. Library Assignment

• Course Outcomes (COs):

CO1. To gain knowledge about Computer Networks concepts.

CO2. To know about working of networking models, addresses, transmission medias and connectivity devices.

CO3. To acquire information about network security and cryptography.

- Linkage of CIE To COs:- (Degree of Match :-0-Do not match, 1- Moderate Match, 2- Good Match,3- Excellent Match)

Course Outcome	Cognitive Ability	COMPREHENSIVE CONCURRENT EVALUATION		
		IA-1	IA-2	IA-3
		Unit Test	Internal Exam	Assignment + Attendance
		10 Marks	10 Marks	10 Marks
CO.1	Understanding	3	3	3
CO.2	Evaluating	3	3	3
Contribution of IA to CO		6	6	6
Average COs		3	3	3

• CO-PO Mapping and Attainment

Level of Attainment	Description
0	No Correlation
1	Low Correlation
2	Moderate Correlation
3	High Correlation

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	P11	P12	Total COs Accomplished
CO.1	3	3	3	2	2	2	1	1	0	0	0	0	17
CO. 2	2	2	1	1	1	1	3	1	0	0	0	0	12
CO.3	2	2	2	2	2	2	1	1	0	0	0	0	14
Total POs Accomplished	7	7	6	5	5	5	5	3	0	0	0	0	43 / 43

• Program Outcomes

POs	Attribute	Program Outcome
PO1	Computational Knowledge(CK)	Demonstrate competencies in fundamentals of computing, computing specialization, mathematics and domain knowledge suitable for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.
PO2	Problem Analysis(PA)	Identify, formulate and analyse complex real-life problems in order to arrive at computationally viable conclusions using fundamentals of mathematics, computer sciences, management and relevant domain disciplines..
PO3	Design/Development of Solutions(DDS)	Design efficient solutions for complex, real-world problems to design systems, components or processes that meet the specifications with suitable consideration to public health, safety, cultural, societal and environmental considerations.
PO4	Conduct Investigations of complex Computing Problems (CICP)	Ability to research, analyse and investigate complex computing problems through design of experiments, analysis and interpretation of data and synthesis of the information to arrive at valid conclusions.
PO5	Modern Tool Usage (MTU)	Create, select, adapt and apply appropriate technologies and tools to a wide range of computational activities while understanding their limitations.
PO6	Professional Ethics (PE)	Ability to perform professional practices in an ethical way, keeping in the mind cyber regulations & laws, responsibilities and norms of professional computing practices.
PO7	Life-long Learning (LLL)	Ability to engage in independent learning for continuous self-development as a computing professional.
PO8	Project Management & Finance (PMF)	Ability to apply knowledge and understanding of the computing and management principles and three to ones own work, as a member and leader in a team to manage projects in multidisciplinary environments.
PO9	Communication Efficacy (CE)	Ability to effectively communicate with the technical community and with the society at large about complex computing activities by being able to understand and write effective reports, design documentation, make effective presentations with the capability of giving and taking clear

		instructions.
PO10	Societal and Environmental Concern (SEC)	Ability to recognize and assess societal, environmental, health, safety, legal and cultural issues within local and global contexts and the consequential responsibilities applicable to professional computing practices.
PO11	Individual and Team Work(I&T)	Ability to work in multi-disciplinary team collaboration both as a member and leader, as per need.
PO12	Innovation and Entrepreneurship(I&E)	Ability to apply innovation to track a suitable opportunity to create value and wealth for the betterment of the individual and society at large.

Prepared By

Mrs. Sonali Vipul
Abhang
Course Teacher

Checked By

Mr. Shahuraj D.
Yevate
HOD

Reviewed By

Dr. Chhaya Joshi
I.Q.A.C. Co-ordinator

Sharadchandra Pawar Arts and Commerce College
Dudulgaon (Alandi), Pune-412

Coordinator-IQAC

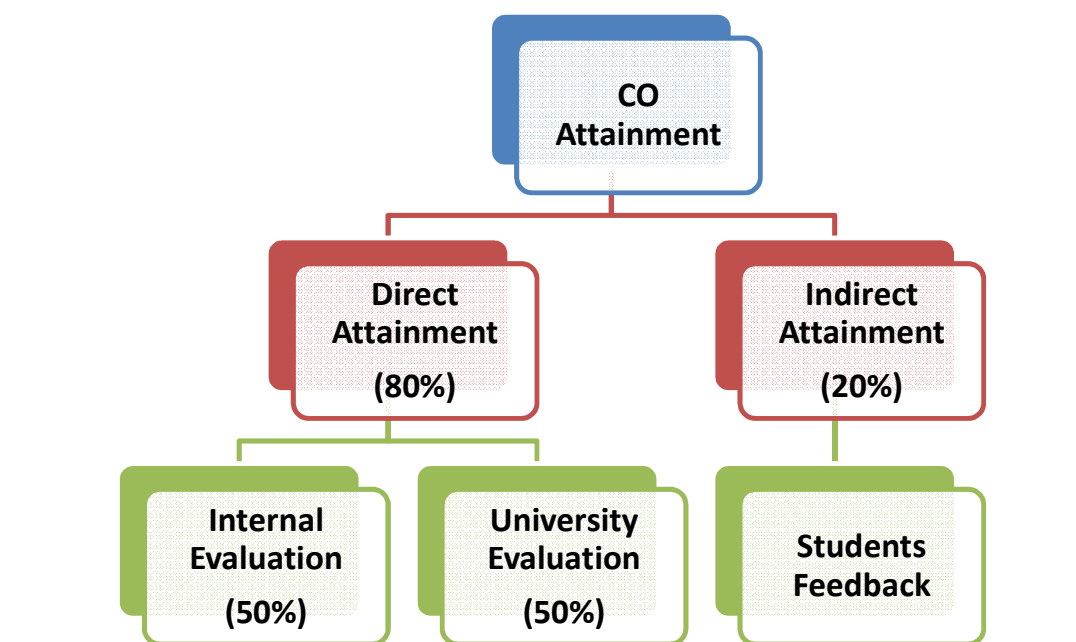
Approved By

Dr. H.D. Thorat

PRINCIPAL
Sharadchandra Pawar Arts and Commerce College
Dudulgaon (Alandi), Pune.



Mechanism of CO Attainment



Shorab
PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune

Concurrent Evaluation Criteria
Name of the Programme B.A (Pattern-2013)

Sr.No	Class	Subject Name / Semester	Course code	Int.(20)	Ext(80).	Total (100)
1	F.Y.B.A	Compulsory English	1017	20	80	100
		Marathi (G-1)	1027			
		Optional English(G-1)	1337			
		Elements of Geomorphology(G-1)	1207			
		Economics(G-1)	1157			
		History (G-1)	1177			
		Hindi (G-1)	1097			
		Political science (G-1)	1167			
		Physical Education	1998	-	-	Grade
2	S.Y.B.A	Compulsory English	2017	20	80	100
		English: (G-2)	2337			
		English: (S-1)	2338			
		English: (S-2)	2339			
		Marathi: (G-2)	2027			
		Marathi: (S-1)	2028			
		Marathi: (S-2)	2029			
		Hindi (G-2)	2097			
		Economics : (G-1)	2157			
		Economics : (S-1)	2158			
		Economics : (S-2)	2159			
		Politics : (G-2)	2167			
		Politics : (S-1)	2168			
		Politics : (S-2)	2169			
		Environmental Awareness	2777			
3	T.Y.B.A	Compulsory English	3017	20	80	100
		English: (G-3)	3337			
		English: (S-3)	3338			
		English: (S-4)	3339			
		Marathi: (G-3)	3027			
		Marathi: (S-3)	3028			
		Marathi: (S-4)	3029			
		Hindi:(G-3)	3097			
		Psychology: (G-3)	3227			
		Economics :(G-3)	3157			
		Economics : (S-3)	3158			
		Economics : (S-4)	3159			
		Politics :(G-3)	3167			
		Politics : (S-3)	3168			
		Politics :(S-4)	3169			




PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune

Concurrent Evaluation Criteria

Name of the Programme M.A. English/Economics (Pattern-2013)

Sr.No	Class	Subject Name / Semester	Course code	Int. (50)	Ext (50).	Total (100)
4	M.A. English Part - I	English Literature From 1550-1798 -I & II	10691	50	50	100
		English Literature From 1798-2000 -I & II	10692			
		Contemporary Studies in English Language -I & II	10693			
		Literary Criticism & Theory -I & II	10694			
		Human Rights – I & II	10091			
		Introduction to Cyber Security – I & II	10092			
5	M.A. English Part - II	Indian Writing in English – III & IV	30691	50	50	100
		English Language & Literature Teaching – III & IV	30692			
		Drama in English– III & IV	30694			
		American Literature– III & IV	30698			
		Introduction to Cyber Security – III & IV	30092			
		Skill Development I (Event Management) – III & IV	30094			
6	M.A. Economics Part-I	Micro Economics Analysis I & II	12361	50	50	100
		Public Economics I & II	12392			
		International Trend	12393			
		International Finance	-			
		Indian Economic Policy (Optional)	12394			
		Industrial Economics (Optional)	-			
		Human Rights I & II	10091	25	-	25
		Introduction to Cyber Security I & II	10092	25	-	25
7	M.A. Economics Part- II	Macro Economics Analysis – III & IV	32391	50	50	100
		Growth and Development – III & IV	32392			
		Modern Banking				
		Demography (Optional)	32394			
		Research Methodology	-			
		Rural Development	-			
		Introduction to Cyber Security – III & IV	30092	25	-	25
		Skill Development I (Event Management) – III & IV	30094	50	-	50



Principals
PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune

Concurrent Evaluation Criteria
Name of the Programme B.com (Pattern-2013)

Sr.No	Class	Subject Name / Semester	Course code	Int. (20)	Ext (80).	Total (100)
8	F.Y.B.Com	Compulsory English	1113	20	80	100
		Financial Accounting	1123			
		Business Economics(Micro)	1133			
		Bus. Mathematics & Statistics	1143			
		Banking and Finance(Fundamental of Banking)	1343			
		Business Environment & Entrepreneurship	1233			
		Marathi :	1523			
		Physical Education	1998	-	-	Grade
9	S.Y.B.Com	Business Communication-	2113	20	80	100
		Corporate Accounting	2123			
		Business Economics {Macro}	2133			
		Business Management	2143			
		Elements of Company Law	2153			
		Business Administration	2213			
		Banking and Finance (Indian Banking System)	2223			
Cost & Works Accounting	2253					
10	T.Y.B.Com	Business Regulatory Framework	3113	20	80	100
		Advanced Accounting	3123			
		International Economics	3143			
		Auditing & Taxation	3153			
		Business Administration-II (Human Resource Development & Mkt)	3411			
		Banking and Finance-II (Financial Markets & Institutions in India)	3421			
		Cost & Works Accounting-II	3451			
		Business Administration- III (Finance, Production & Operation Management)	3413			
		Banking and Finance-III (Banking Law & Practice in India)	3423			
		Cost & Works Accounting- III	3453			



Esthorat
PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune

Concurrent Evaluation Criteria
Name of the Programme M.com/D.T.L. (Pattern-2013)

Sr.No	Class	Subject Name / Semester	Course code	Int. (50)	Ext (50).	Total (100)
11	M.Com Part-I	Sem-I				
		Management Accounting -I	101	50	50	100
		Strategic Management	102	50	50	100
		Human Rights-I	191	25	-	25
		Introduction to Cyber Security-I	192	25	-	25
		1) Production and Operation Management-I	113	50	50	100
		2) Financial Management- II	114	50	50	100
		1) Advanced Cost Accounting -I	107	50	50	100
		2) Costing Technique and Responsibility Accounting -II	108	50	50	100
		Sem-II	-	-	-	-
		Financial Analysis & Control	201	50	50	100
		Industrial Economics	202-A	50	50	100
		Human Rights-II	291	25	-	25
		Introduction to Cyber Security-II	292	25	-	25
		3) Business Ethics & Professional Value	213	50	50	100
		4) Elements of Knowledge Management-IV	214	50	50	100
		3) Application of Cost Accounting	207	50	50	100
4) Cost Control and Cost System	208	50	50	100		
12	M.Com Part-II	Sem-III	-	-	-	-
		Business Finance	301	50	50	100
		Research Methodology for Business	302	50	50	100
		Introduction to Cyber Security-III	392	25	-	25
		Skill Development-I (Event Management)	394	50	-	50
		Introduction to Indian Constitution (395)	395	50	50	100
		Human Resource Management-V	313	50	50	100
		Organizational Behavior - VI	314	50	50	100
		Cost Audit-V	307	50	50	100
		Management Audit-VI	308	50	50	100
		Sem-IV	-	-	-	-
		Capital Market & Financial Services	401	50	50	100
		Industrial Economic Environment	402-A	50	50	100
		Introduction to Cyber Security-IV	492	25	-	25
		Skill Development-II (Event Management)	494	50	-	50
		Recent Advances in Business Administration-VII	413	50	50	100
		Project Work	414	50	50	100
Recent Advances in Cost Auditing and Cost System - VII	407	50	50	100		
Project Work-VIII	408	50	50	100		
Sr.No	Class	Subject Name / Semester	Course code	-	Ext (100).	Total (100)
13	D.T.L	General Laws Affecting Taxation	111	-	100	100
		Income Tax Act 1961 (as amended Up to date)	112	-		
		Wealth Tax Central Excise Act & Service Tax Act	113	-		
		Central Sales Tax Act & MAHA VAT Act-2002(as amended up to date)	114	-		
		Book Keeping & Accountancy	115	-		

Concurrent Evaluation Criteria
Name of the Programme B.B.A. (C.A) (Pattern-2013)

Sr.No	Class	Subject Name / Semester	Course code	Int. (20)	Ext (80).	Total (100)
14	F.Y.B.B.A. (C.A)	Sem-I	-			
		Modern Operating Environment & Ms Office	101	20	80	100
		Financial Accounting	102			
		Programming Fiunciples & Algorithms	103			
		Business Communication	104			
		Principles Of Management	105			
		Laboratory Course-II (Based on Paper No. 101 & 102)	106			
		Sem-II	-			
		Procedure Oriented Programming Using C	201			
		Data Base Management System	202			
		Organizational Behavior	203			
		Computer Applications In Statistics	204			
		E-Commerce Concepts	205			
		Laboratory Course-II (Based on Paper No. 201 & 202)	206			
Physical Education	1998	-	-			
15	S.Y.B.B.A. (C.A)	Sem-III	-	20	80	100
		Relational Database Management Systems	301			
		Data Structures using C	302			
		Introduction to Operating System	303			
		Business Mathematics	304			
		Software Engineering	305			
		Laboratory Course-III (Based on Paper No. 301 & 302)	306			
		Sem-IV	-			
		OOP's using C++	401			
		Programming in Visual Basic	402			
		Computer Networking	403			
		Enterprise Resource Planning & Ment.	404			
		Human Resource Management	405			
		Laboratory Course-IV (Based on Paper No. 401 & 402)	406			



Shri Gajanan
PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune



Shri Gajanan Maharaj Shikshan Prasarak Mandal's
Sharadchandra Pawar Arts and Commerce College
Dudulgaon, (Alandi) Pune-412105
(Affiliated to Savitribai Phule Pune University, Recognised by Govt. of Maharashtra)



Concurrent Evaluation Criteria
Name of the Programme B.B.A. (C.A) (Pattern-2013)

Sr.No	Class	Subject Name / Semester	Course code	Int. (20)	Ext (80).	Total (100)
16	T.Y.B.B.A. (C.A)	Sem-V		20	80	100
		Java Programming	501			
		Web Technologies	502			
		Dot Net Programming	503			
		Object Oriented Software Engg.	504			
		Software Project-1 (Based on C++/VB Technology)	505			
		Laboratory Course-V (Based on Paper No. 501 & 502)	506			
		Sem-VI	-			
		Advance web Technology	601			
		Advance Java	602			
		Recent Trends in IT	603			
		Software Testing	604			
		Software Project-1 (Java / Dot Net Technology)	605			
		Laboratory Course-VI (Based on Paper No. 601 & 602)	606			




PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune



Shri Gajanan Maharaj Shikshan Prasarak Mandal's
Sharadchandra Pawar Arts and Commerce College
Dudulgaon, (Alandi) Pune-412105
(Affiliated to Savitribai Phule Pune University, Recognised by Govt. of Maharashtra)



Concurrent Evaluation Criteria
Name of the Programme B.A (Pattern-2019)

Sr.No	Class	Subject Name / Semester	Course code		Internal					Grade	External	Total Marks
			SEM-I	SEM-II	W	A	O	P	T			
1	F.Y.B.A	Compulsory English I & II	11011	11012	20	10	-	-	30	-	70	100
		Marathi : मराठी साहित्य: कथा आणि भाषिक कौशल्य विकास - I	11021	-								
		Marathi : मराठी साहित्य एकांकिका आणि भाषिक कौशल्य विकास -II	-	12021								
		Optional English I & II	11331	11332								
		Physical Geography I & II	11201	12201								
		Indian Economic Environment I & II	11151	11152								
		History I & II	11171	11172								
		Political science Introduction to Indian Constitution I & II	11161	12161								
		Democracy, Election & Governance	-	22999	25	-	-	-	-	Grade	-	-
		Physical Education I	G-1		-	-	-	25	-	Grade	-	-
Physical Education II		G-2	25	-	-	-	-	Grade	-	-		



Shri Gajanan
PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune



Concurrent Evaluation Criteria
Name of the Programme B.A (Pattern-2019)

Sr.No	Class	Subject Name / Semester	Course code		Internal					Grade	External	Total Marks								
			SEM-III	SEM-IV	W	A	O	P	T											
2	S.Y.B.A	Compulsory English III & IV	23001	24001	20	10	-	-	30	-	70	100								
		Marathi : आधुनिक भारतीय भाषा मराठी, संज्ञापन कौशल्य मिल (MIL-1)-III	23011	-																
		Marathi : आधुनिक भारतीय भाषा मराठी, नवमाध्यमे आणि समाजमाध्यमांसाठी मराठी (MIL-2)-IV	-	24011																
		English:- Appreciating Drama (S1) III & IV	23331	24331																
		English: -Appreciating Poetry (S2) III & IV	23332	24332																
		English: -Optional English (G-2) III & IV	23333	24333																
		Marathi : DSE -1 आधुनिक मराठी साहित्य: प्रकाश वाटा (S1) III	23021	-																
		Marathi : मध्ययुगीन मराठी साहित्य: निवडक मध्ययुगीन गद्य-पद्य (S1) IV	-	24021																
		Marathi : DSE -2 Marathi Sahitya Vichar साहित्य विचार (S2)III	23022	-																
		Marathi : Marathi Sahitya Samiksha साहित्य समीक्षा (S2)- IV	-	24022																
		Marathi : भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्य प्रकार:कादंबरी, (G-2)-III	23023	-																
		Marathi : भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्यप्रकार:ललितगद्य साहित्यारंग (G-2)- IV	-	24023																
		Economics :- Micro Economics (S1) III & IV	23151																	
		Economics :-Macro Economics (S2) III & IV	23152	24152																
		Economics :- Indian Financial System (G-2) III & IV	23153	24153																
		Politics :- western political Thought (S-1)	23161	24161																
		Politics :- Political Journalism (S-2)	23162	24162																
		Politics :- An Intro. Political Ideology (G-2) III & IV	23164	24164																
		Enviromental Geography (G-2) III & IV	23205	24205																
		History (G-2) III & IV	23174	24174																
		English: -Mastering Communication Skill (SEC) III & IV	23334	24334									15	10	-	-	25	-	-	25
		Marathi : SEC 2A प्रकाश व्यवहार आणि संपादन- III	23025	-									15	10	-	-	25	-	-	25
Marathi : SEC 2B उपयोजित लेखन कौशल्य - IV	-	24025	15	10	-	-	25	-	-	25										
Economics :- Basic Concept of Research Methodology (SEC) III & IV	23154	24154	15	10	-	-	25	-	-	25										
Politics :- Basic concept of Indian Constitution (SEC) III & IV	23165	24165	15	10	-	-	25	-	-	25										
Environment Science III	23999		15	10	-	25		-	-	-										
Environment Science IV		24999	5	20	-	25		-	-	-										
Cyber Security	GR9-C	-	15	-	10	-	25	Grade	-	-										
Social Survey			15	-	10	-	25	Grade	-	-										



Concurrent Evaluation Criteria
Name of the Programme B.A(Pattern-2019)

Sr. No	Class	Subject Name / Semester	Course code		Internal					Grade	External	Total Marks
			SEM	SEM	W	A	O	P	T			
3	T.Y.B.A	Compulsory English V & VI	35001	36001								
		Eng:- Appreciating Novel (DSE-1-C/D)(S3) V & VI	35331	36331								
		Eng: - Introduction to Literary Criticism (DSE-2-C/D) (S4) V & VI	35332	36332								
		Marathi : मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास: प्रारंभ ते 1600 (DES-1 C-3) (S3) V	35021	-								
		Marathi : मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास: 1600 ते 1817 (DES-1D -3) (S3) VI	-	36021								
		Marathi : वर्णनात्मक भाषा विज्ञान भाग-1(DCE-2D) (S4) V	35022	-								
		Marathi : वर्णनात्मक भाषा विज्ञान भाग-2(DCE-2D) (S4) VI	-	36022								
		Marathi : भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्यप्रकार: प्रवास वर्णन CC-1E (G-3) V & VI	35023	-	20	10	-	-	30	-	70	100
		Marathi : भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्यप्रकार: कविता CC-1E (G-3) VI	-	36023								
		Economics : International Economics (S3) V & VI	35151	36151								
		Economics : Public Finance (S4) V & VI	35152	36152								
		Economics : Indian Economic Development V & VI	35153	36153								
		Politics : Public Administration (S3) V & VI	35161	36161								
		Politics : International Relation (S4) V & VI	35162	36162								
		Politics : Morden Political Analysis (G-3) V & VI	35163	36163								
		Geography : Disaster Mangement V & VI	35204	36204								
		History: Indian National Movement (1885-1947) (G-3) V & VI	35174	36174								
		Eng.Enhacing Employability Skill (SEC - C/D) V & VI	35333	36333	15	10	-	-	25	-	-	25
		Eng.Mastering Life Skill Life Values (SEC -2- C/D) V & VI	35334	36334	15	10	-	-	25	-	-	25
		Marathi : कार्यक्रम संयोजनातील भाषिक कौशल्य भाग-1(SEC-2 C)-V	35025	-	15	10	-	-	25	-	-	25
		Marathi : कार्यक्रम संयोजनातील भाषिक कौशल्य भाग-2 (SEC-2D)-VI	-	36025	15	10	-	-	25	-	-	25
		Economics : Business Management (SEC- 3A) V & VI	35154	36154	15	10	-	-	25	-	-	25
		Politics : Sanyukt Maharashtra Movement (SEC) V & VI	35165	36165	15	10	-	-	25	-	-	25
		GE -2A / 2B Generic Elective V & VI	35002	36002	15	10			25	Grade	-	25
		Participation in summer school programme/ short term course	GR6-A	-	15	10			25	Grade	-	25
		Financial Literture	-	GR7-C	15	10			25	Grade	-	

Concurrent Evaluation Criteria
Name of the Programme M.A/English/ Economics (Pattern-2019)

Sr.No	Class	Subject Name / Semester	Course code		Internal					Grade	External	Total Marks
			SEM	SEM	W	A/P	O	P	T			
4	M.A. English Part - I	English Literature From 1550-1798 - I & II	10501	20501	30	20	-	-	50	-	50	100
		English Literature From 1798- 2000 - I & II	10502	20502								
		Contemporary Studies in English Language -I & II	10503	20503								
		Literary Criticism and Theory I & II	10504	20504								
		Human Rights – I & II	10091	20091	15	-	-	10	25			
		Introduction to Cyber Security – I & II	10092	20092	15	-	-	10	25			
5	M.A. English Part - II	Indian Writing in English – III & IV	30501	40601	30	20	-	-	50	-	50	100
		Applied Linguistics – III & IV	30502	40602								
		American Literature – III & IV	30506	40606								
		World Literature in English – III & IV	30508	40608								
		Skill Development I (Event Management) – III & IV	30094	40094	15	-	-	10	25			
		Introduction to Cyber Security – III & IV	30092	40092	15	-	-	10	25			
Introduction to Constitution – III & IV	30095		15	-	-	10	25					
6	M.A. Economics Part-I	Micro Economics Analysis I & II	12301	22301	30	20	-	-	50	-	50	100
		Public Economics I & II	12302	22302								
		International Trade I & II	12303	22303								
		Agricultural Economics I & II	12304	22304								
		Human Rights I & II	10091	20091	15	-	-	10	25			
		Introduction to Cyber Security I & II	10092	20092	15	-	-	10	25			
7	M.A. Economics Part- II	Macro Economics Analysis – III & IV	32301	42301	30	20	-	-	50	-	50	100
		Growth and Development – III & IV	32302	42302								
		Research Methodology – III & IV	32303	42303								
		Industrial Economics – III & IV	32304	42306								
		Skill Development – III & IV	30094	40094	15	-	-	10	25	-	-	-
		Introduction to Cyber Security – III & IV	30092	40092	15	-	-	10	25	-	-	-
Introduction to Constitution – III & IV	30095		15	-	-	10	25	-	-	-		



ESTHORAT
PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune



Shri Gajanan Maharaj Shikshan Prasarak Mandal's
Sharadchandra Pawar Arts and Commerce College
Dudulgaon, (Alandi) Pune-412105
(Affiliated to Savitribai Phule Pune University, Recognised by Govt. of Maharashtra)



Concurrent Evaluation Criteria
Name of the Programme: B.Com (Pattern-2019)

Sr.No	Class	Subject Name / Semester	Course code		Internal					Grade	External	Total Marks
			SEM	SEM	W	A	O	P/T	T			
8	F.Y.B.Com	Compulsory English - I & II	111	121	10	10	10	-	30	-	70	100
		Financial Accounting - I & II	112	122								
		Business Economics (Micro) - I & II	113	123								
		Business Mathematics & Statistics- I & II	114(A)	124 (A)								
		Banking and Finance - I & II	115(B)	125(B)								
		Business Environment & Entrepreneurship - I & II	116(E)	126(E)								
		Marathi : मराठी भाषा साहित्य आणि कौशल्य विकास - I	117(B)	-	20	5	5	-	30	-		
		Marathi : मराठी भाषा साहित्य आणि कौशल्य विकास- II	-	127(B)	20	5	5	-	30	-		
		Value Education I	VA05-1	VA05-2	30	10	10	-	50	-	-	50
		Computerized Accounting - II	VA05-2	1198	30	10	10	-	50	-	-	50
		Physical Education I	G-1	-	-	-	-	25	-	Grade	-	-
		Physical Education II	-	G-2	25	-	-	-	-	Grade	-	-
		Democracy, Election & Governance	-	22999	25	-	-	-	-	Grade	-	-

9	S.Y.B.Com	Business Communication- I & II (III & IV)	231	241	10	10	10	20	50	-	50	100	
		Corporate Accounting- I & II (III & IV)	232	242	10	10	10	-	30	-	70	100	
		Business Economics (Macro)- I & II (III & IV)	233	243	10	10	10	-	30	-	70	100	
		Business Management- I & II (III & IV)	234	244	10	10	10	-	30	-	70	100	
		Elements of Company Law-I (III & IV)	235	245	10	10	10	-	30	-	70	100	
		Environmental Awareness III	239	-	15	10	-	25	-	-	25	50	
		Environmental Awareness IV	-	249	5	20	-	25	-	-	25	50	
		Business Administration- I & II (III & IV)	236(A)	246(A)	10	10	10	20	50	-	-	50	
		Banking and Finance- I & II {Indian Banking System} (III & IV)	236(B)	246(B)	10	10	10	20	50	-	-	50	
		Cost & Works Accounting- I & II (III & IV)	236(E)	246(E)	10	10	10	20	50	-	-	50	
		Extention Activity -III	P	-	-	-	-	-	-	-	-	-	P
		Field Visit-IV	P	-	-	-	-	-	-	-	-	-	P



Shri
PRINCIPAL
 Sharadchandra Pawar Arts & Commerce College
 Dudulgaon (Alandi), Pune



Shri Gajanan Maharaj Shikshan Prasarak Mandal's
Sharadchandra Pawar Arts and Commerce College
Dudulgaon, (Alandi) Pune-412105
(Affiliated to Savitribai Phule Pune University, Recognised by Govt. of Maharashtra)



Concurrent Evaluation Criteria
Name of the Programme: B.Com (Pattern-2019)

Sr.No	Class	Subject Name / Semester	Course code		Internal					Grade	External	Total Marks	
			SEM	SEM	W	A	O	P/T	T				
10	T.Y.B.Com	Business Regulatory Framework- I & II (V & VI)	351	361	10	10	10		30	-	70	100	
		Advanced Accounting- I & II (V & VI)	352	362	10	10	10		30	-	70	100	
		International Economics- I & II (V & VI)	353 B	363 B	10	10	10		30	-	70	100	
		Auditing - I & II (V & VI)	354	364	10	10	10	20	50	-	50	100	
		-	-	-	-	-	-	-	-	-	-	-	-
		Business Administration- II& III (Human Resource Development)(V & VI)	355 A	365 A	10	10	10	20	50	-	50	100	
		Banking and Finance-II& III {Financial Markets & Institutions in India} (V & VI)	355 B	365 B	10	10	10	20	50	-	50	100	
		Cost & Works Accounting-II& III (V & VI)	355 E	365 E	10	10	10	20	50	-	50	100	
		Business Administration- II& III (Finance, Production & Operation Management)(V & VI)	356 A	366 A	10	10	10	20	50	-	50	100	
		Banking and Finance-II& III (Banking Law & Practice in India) (V & VI)	356 B	365 B	10	10	10	20	50	-	50	100	
		Cost & Works Accounting-II& III (V & VI)	356 E	365 E	10	10	10	20	50	-	50	100	
		Social Survey V	-	-	-	-	-	-	-	PP	-	-	
		Online Certificate Course VI	-	-	-	-	-	-	-	PP	-	-	



HS Borat
PRINCIPAL
 Sharadchandra Pawar Arts & Commerce College
 Dudulgaon (Alandi), Pune

Concurrent Evaluation Criteria
Name of the Programme: B.Com (Pattern-2019)

Sr.No	Class	Subject Name / Semester	Course code		Internal					Grade	External	Total Marks
			SEM	SEM	W	A	O	P	T			
11	M.Com Part-I	Sem-I	SEM	SEM	W	A	O	P	T	-	-	-
		Management Accounting -I	101	-	20	10	-	10	40	-	60	100
		Strategic Management	102	-	20	10	-	10	40	-	60	100
		Human Rights-I	191	-	15	-	-	10	25	-	-	-
		Introduction to Cyber Security-I	192	-	15	-	-	10	25	-	-	-
		1) Production and Operation Management-I	113	-	20	10	-	10	40	-	60	100
		2) Financial Management- II	114	-	20	10	-	10	40	-	60	100
		1) Advanced Cost Accounting -I	107	-	20	10	-	10	40	-	60	100
		2) Costing Technique and Responsibility Accounting -II	108	-	20	10	-	10	40	-	60	100
		Sem-II	-	-	-	-	-	-	-	-	-	-
		Financial Analysis & Control	201	-	20	10	-	10	40	-	60	100
		Industrial Economics	202	-	20	10	-	10	40	-	60	100
		Human Rights-II	291	-	15	-	-	10	25	-	-	-
		Introduction to Cyber Security-II	292	-	15	-	-	10	25	-	-	-
		3) Business Ethics & Professional Value-III	207	-	20	10	-	10	40	-	60	100
4) Elements of Knowledge Management-IV	208	-	20	10	-	10	40	-	60	100		
3) Application of Cost Accounting-III	213	-	20	10	-	10	40	-	60	100		
4) Cost Control and Cost System-IV	214	-	20	10	-	10	40	-	60	100		
12	M.Com Part-II	Sem-III	-	-	-	-	-	-	-	-	-	-
		Business Finance	301	-	20	10	-	10	40	-	60	100
		Research Methodology for Business	302	-	20	10	-	10	40	-	60	100
		Introduction to Cyber Security-III	392	-	15	-	-	10	25	-	-	-
		Skill Development-I (Event Management)	394	-	20	-	-	30	50	-	-	-
		Introduction to Indian Constitution (395)	11161A	-	25	-	-	-	-	-	-	-
		Human Resource Management-V	313	-	20	10	-	10	40	-	60	100
		Organizational Behaviour - VI	314	-	20	10	-	10	40	-	60	100
		Cost Audit-V	307	-	20	10	-	10	40	-	60	100
		Management Audit-VI	308	-	20	10	-	10	40	-	60	100
		Sem-IV	-	-	-	-	-	-	-	-	-	-
		Capital Market & Financial Services	401	-	20	10	-	10	40	-	60	100
		Industrial Economic Environment	402	-	20	10	-	10	40	-	60	100
		Introduction to Cyber Security-IV	492	-	15	-	-	10	25	-	-	-
		Skill Development-II (Event Management)	494	-	20	-	-	30	50	-	-	-
		Recent Advances in Business Administration-VII	413	-	20	10	-	10	40	-	60	100
		Project Work	414	-	-	-	-	40	40	-	60	100
		Recent Advances in Cost Auditing and Cost System - VII	407	-	20	10	-	10	40	-	60	100
Project Work	408	-	-	-	-	40	40	-	60	100		
13	D.T.L	101) General Laws Affecting Taxation	101	-	-	-	-	-	-	-	100	100
		102) Income Tax Act 1961 (as amended Up to date)	102	-	-	-	-	-	-	-	100	100
		103) Integrated Goods & Services Tax Act-2017(GST)	103	-	-	-	-	-	-	-	100	100
		104) The Customs Act-1962	104	-	-	-	-	-	-	-	100	100
		105) Book Keeping & Accountancy	105	-	-	-	-	-	-	-	100	100

Concurrent Evaluation Criteria
Name of the Programme: B.B.A.(C.A.) (Pattern-2019)

Sr.No	Class	Subject Name / Semester	Course code		Internal					Grade	External	Total Marks	
			SEM	SEM	W	A	O	P	T				
14	F.Y.B.B.A. (C.A)	Sem-I											
		Business Communication	CA-101	-	10	10	10	-	30	-	70	100	
		Principles of Management	CA-102	-	10	10	10	-	30	-	70	100	
		C Language	CA-103	-	10	10	10	-	30	-	70	100	
		Database Management System	CA-104	-	10	10	10	-	30	-	70	100	
		Statistics	CA-105	-	10	10	10	-	30	-	70	100	
		Computer Laboratory Based on 103 & 104 (2 credits each)	CA-106	-	10	10	10	-	30	-	70	100	
		Add-On (PPA) (30 Hours)	CA-107	-	20	10	10	10	50	Grade	-	-	
		Physical Education	G-I	-	-	-	-	-	25	-	Grade	-	-
		Sem-II											
		Organization, Behavior & Human Resource Management	CA-201	-	10	10	10	-	30	-	70	100	
		Financial Accounting	CA-202	-	10	10	10	-	30	-	70	100	
		Business Mathematics	CA-203	-	10	10	10	-	30	-	70	100	
		Relational Database	CA-204	-	10	10	10	-	30	-	70	100	
		Web Technology HTML-JS-CSS	CA-205	-	10	10	10	-	30	-	70	100	
		Computer Laboratory Based on 204 & 205	CA-206	-	10	10	10	-	30	-	70	100	
		Add-On (Advance C) (30 Hours)	CA-207	-	20	10	10	10	50	Grade	-	-	
		Physical Education	G-I	-	25	-	-	-	-	Grade	-	-	
		Democracy, Election and Governance	CA-299	-	25	-	-	-	-	Grade	-	-	
		15	S.Y.B.B.A. (C.A)	Sem-III									
Digital Marketing	CA-301			-	10	10	10	-	30	-	70	100	
Data Structure	CA-302			-	10	10	10	-	30	-	70	100	
Software Engineering	CA-303			-	10	10	10	-	30	-	70	100	
PHP	CA-304			-	10	10	10	-	30	-	70	100	
Big Data	CA-305			-	10	10	10	-	30	-	70	100	
Computer Laboratory Based on 302, 304 and 305	CA-306			-	10	10	10	-	30	-	70	100	
Sem-IV													
Networking	CA-401			-	10	10	10	-	30	-	70	100	
Object Oriented Concepts Through CPP	CA-402			-	10	10	10	-	30	-	70	100	
Operating System	CA-403			-	10	10	10	-	30	-	70	100	
Advance PHP	CA-404			-	10	10	10	-	30	-	70	100	
Project	CA-405			-	10	10	10	-	30	-	70	100	
Computer Laboratory Based on 402,404 (2 credits each)	CA-406			-	10	10	10	-	30	-	70	100	
ADD-On (30 Hours)	CA-407			-	20	10	10	10	50	Grade	-	-	
Environment Awareness	CA-307			-	50	20	-	100		Grade	-	-	
16	T.Y.B.B.A. (C.A)	Sem-V											
		Cyber Security	CA-501	-									
		OOSE	CA-502	-	10	10	10	-	30	-	70	100	
		Core Java	CA-503	-	10	10	10	-	30	-	70	100	
		Python	CA-504	-	10	10	10	-	30	-	70	100	
		Project	CA-505	-					100	-	70	100	
		Computer Laboratory Based on 503 and 504	CA-506	-	10	10	10	-	30	-	70	100	
		Add on Course - IOT	CA-507	-	20	10	10	10	50	Grade	-	-	
		Sem-VI											
		Recent Trends in Information Technology	CA-601	-	10	10	10	-	30	-	70	100	
		Software Testing	CA-602	-	10	10	10	-	30	-	70	100	
		Advanced Java	CA-603	-	10	10	10	-	30	-	70	100	
		Dot Net framework	CA-604	-	10	10	10	-	30	-	70	100	
		Project	CA-605	-	10	10	10	-	30	-	70	100	
		Computer Laboratory Based on 603 and 604	CA-606	-	10	10	10	-	30	-	70	100	
		Add on Course-Soft Skills Training	CA-607	-	20	10	10	10	50	-	Grade	-	



Shri Gajanan
PRINCIPAL
Sharadchandra Pawar Arts & Commerce College
Dudulgaon (Alandi), Pune

Direct & Indirect CO Attainment Mechanism
Academic Year 2022-23

BBACA – Sem – IV

SUBJECT:- NETWORKING

Sr. No.	University Seat No.	Student Name	100 Marks			
			Internal	External	Total	LA
1	15314	AAKARSH ARESH BANDEKAR	23	39	62	3
2	15315	AJAY NARAYAN KASWEKAR	24	32	56	3
3	15316	ANKITA RAMKRUSHNA SHITRE	26	35	61	3
4	15317	ASHWINI WADJE	21	30	51	3
5	15318	BAGADE PRAMOD ANIL	25	31	56	3
6	15319	BORUL VAISHNAVI VITTHAL	20	30	50	3
7	15320	DARADE SURAJ VINAYAK	23	38	61	3
8	15321	DHAGEKAR RUTUJA CHANDRASHEKHAR	17	34	51	3
9	15322	DOKE PRANALI GANESH	22	30	52	3
10	15323	GAIKWAD UJJWALA KHANDERAO	26	47	73	3

.

.

.To be continued.....

.

Total number of students appeared for the course (A)	51
No. of students passed (B)	45
Passing Percentage (C) = (B/A)*100	88.24
Target Marks	50
% of students scoring above target marks (D)	41
% Attainment =(D/A)*100	80.39
#Direct Level of Attainment for course (to be entered as per the course attainment level table given below)	4
80% of Direct Attainment	3.2
Indirect Attainment Level for course – Feedback Score obtained from Survey (Value between 1 to 5)	5
20% of Indirect Attainment	1
FINAL COURSE ATTAINMENT	4.2

#

0 - Less than 40% students scoring more than target marks

1 - More than 40% students scoring more than target marks

2 - More than 45% students scoring more than target marks

3 - More than 50% students scoring more than target marks

4 - More than 55% students scoring more than target marks



H. Thosar

PRINCIPAL

Sharadchandra Pawar Arts and Commerce College,
Dudulgaon (Alandi), Pune.