Procedure for Defining Learning Outcomes and Measuring their Attainment

The following steps are being adopted for defining learning outcomes and measuring their attainment.

Step 1 : Defining the vision and mission of the college

Step 2 : Defining Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) of programme

Step 3 : Defining Course Outcomes (COs) of each course in a programme

Step 4 : Defining relation between COs and POs/PSOs for each course to obtain overall CO mapping with each POs and PSOs (Course Articulation Matrix)

Step 5 : Calculating overall level of relation of a course with POs and PSOs (Program Articulation Matrix)

Step 6 : Defining the methodology for measuring the attainment of learning outcomes and setting up the target level

Step 7 : Measuring attainment levels of learning outcomes

**Step 8 :** Comparison of obtained attainment level with the target and action taken.

The above steps are elaborated below:

Steps 1, 2 and 3: Defining the Vision and Mission of the Department, Defining Programme Outcomes (POs) and Programme Specific Outcomes (PSO) of programme, Defining Course Outcomes (COs) of each course in a Programme.

College has defined vision, mission, and goals. The vision is envisaged in the form of vision document, perspective plan and college development plan. College's vision and mission ensures consistency with parent institution's (Rayat Shikshan Sanstha) vision and mission.

POs are assertions regarding the knowledge, skills, and characteristics that a university graduate should possess after successfully completing the programme. POs deal with the overall element of graduation for a certain programme, as well as the competences and expertise that a graduate will have after completing it. Every programme provided by the university has its own set of POs. PSOs are statements that specify what graduates of a particular programme should be capable of. Each programme also has its own set of specific outcomes.

COs are measurable statements which state what students are expected to learn in a specific course. For each of course of programme these measurable statements are defined.

- Institution (Rayat Shikshan Sastha)
- College
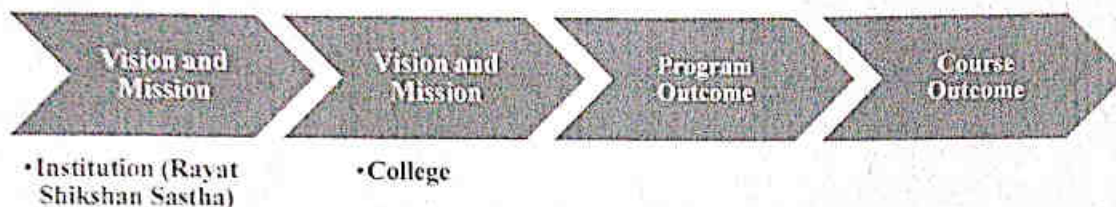
The Model is implemented effectively by defining PO, PSO, and CO, CO-PO mapping, designing attainment levels and target attainment levels, calculating CO-PO attainments, and developing teaching learning strategies at the course and programme levels.

Overall process of mapping of COs with POs and PSOs is shown in following diagram with formulation of Course Articulation matrix and Program Articulation matrix.
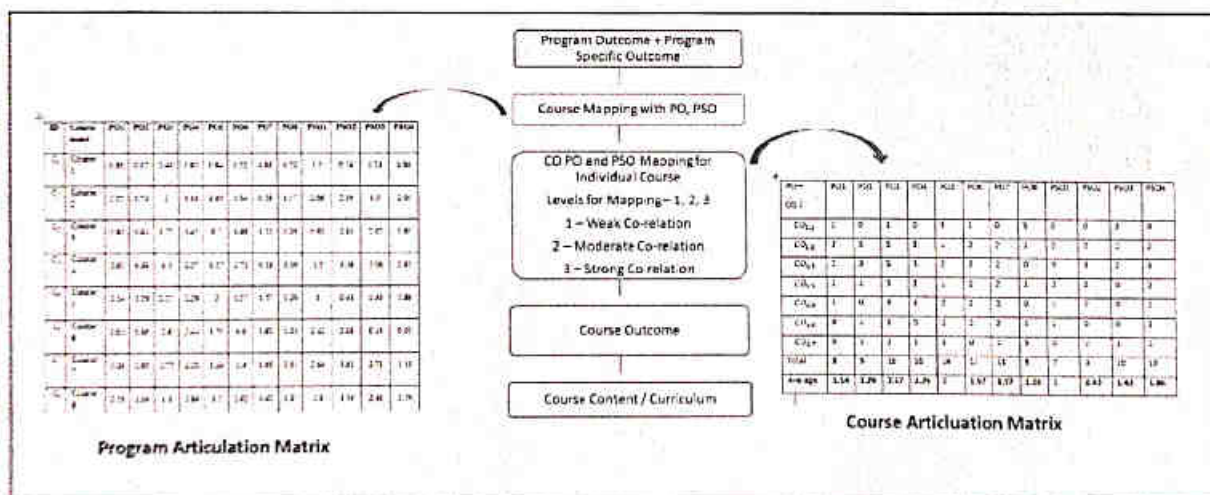
Step 4: Defining relation between COs and POs/PSOs for each course to obtain overall CO mapping with each POs/PSOs (Course Articulation Matrix)

In this step, COs of each course are mapped with POs and PSOs. A correlation is established between COs and POs/PSOs in the scale of 1 to 3, 1 being the low, 2 being moderate (medium) and 3 being substantial (high). The meaning of '0' is no correlation between CO and PO/PSO.

For example, programme XYZ (say) has 8 POs and 4 PSOs. Then, course articulation matrix for a course-1 (say) with seven COs is as follow.

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
CO1	1	0	1	0	3	1	0	3	0	0	3	0
CO2	3	3	3	3	1	2	2	1	2	0	2	2
CO3	2	3	3	3	2	2	2	0	3	3	2	3
CO4	1	1	3	3	1	2	2	1	0	0	0	2
CO5	1	0	3	3	2	2	2	0	1	0	0	2
CO6	0	1	3	3	2	2	2	1	1	0	0	2
CO7	0	1	2	1	3	0	1	3	0	0	3	2

In the same way we have course articulation matrices for all the courses in that programme.

Step 5: Calculating overall level of relation of a course with POs and PSOs (Program Articulation Matrix)

The CO levels corresponding to each PO/PSO in course articulation matrix are averaged to obtain overall level of relation of course with each PO and PSO. For example, the overall relation of course-1 (say) are reported the following matrix.

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
CO1	1	0	1	0	3	1	0	3	0	0	3	0
CO2	3	3	3	3	1	2	2	1	2	0	2	2
CO3	2	3	3	3	2	2	2	0	3	3	2	3
CO4	1	1	3	3	1	2	2	1	0	0	0	2
CO5	1	0	3	3	2	2	2	0	1	0	0	2
CO6	0	1	3	3	2	2	2	1	1	0	0	2
CO7	0	1	2	1	3	0	1	3	0	0	3	2
Average	1.14	1.29	2.57	2.29	2	1.57	1.57	1.29	1	0.43	1.43	1.86

Similarly, the overall level of relation of all the courses in the programme is established. These levels are reported in the matrix form and this matrix is called as the programme articulation matrix. For example if the programme XYZ has 12 courses then the programme articulation matrix will be as follows.

Program Articulation Matrix

ID	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
C_1	Course 1	1.14	1.29	2.57	2.29	2.00	1.57	1.57	1.29	1.00	0.43	1.43	1.86
C_2	Course 2	2.05	0.74	2.00	1.18	2.89	1.84	0.58	1.57	2.06	2.99	0.90	2.05
C_3	Course 3	1.85	0.83	1.77	1.45	0.70	0.98	1.21	1.28	0.91	2.91	2.82	1.85

C_4	Course 4	2.61	0.39	0.30	2.27	0.57	2.73	0.16	0.09	1.30	1.16	1.08	2.61
C_5	Course 5	0.86	0.17	2.46	0.83	0.84	0.52	1.88	0.22	1.50	0.74	1.24	0.86
C_6	Course 6	0.01	0.06	2.60	2.43	1.71	0.90	1.92	1.33	2.42	2.08	0.16	0.01
C_7	Course 7	1.18	2.68	2.75	2.22	1.36	1.40	1.68	2.31	2.64	1.81	2.71	1.18
C_8	Course 8	2.76	1.06	0.60	2.86	1.70	2.62	1.62	1.37	2.90	1.54	2.41	2.76
C_9	Course 9	1.40	0.50	2.43	2.34	1.88	0.67	0.82	1.42	1.83	2.45	1.82	1.40
C_{10}	Course 10	2.59	0.28	1.17	0.61	0.05	1.77	1.87	1.73	2.60	2.14	0.99	2.59
C_{11}	Course 11	2.86	1.24	0.48	2.73	1.42	1.51	0.07	2.53	0.45	0.96	1.22	2.86
C_{12}	Course 12	1.05	2.25	0.15	2.10	2.11	2.47	0.68	2.05	1.33	1.32	0.87	1.05
C_{13}	Course 13	2.51	0.81	0.34	2.07	1.81	0.68	0.38	2.98	1.17	1.23	1.48	2.51
C_{14}	Course 14	1.20	2.91	2.08	1.18	0.35	2.55	2.64	2.20	1.46	1.46	1.82	1.20
C_{15}	Course 15	1.07	0.31	1.29	1.65	1.13	0.90	1.13	1.99	1.64	0.14	1.54	1.07
C_{16}	Course 16	1.71	2.17	0.43	2.70	2.68	1.71	1.75	1.50	2.50	0.45	1.37	1.71
C_{17}	Course 17	1.83	2.89	0.92	0.02	1.38	2.04	2.69	1.09	1.82	0.44	1.94	1.83
C_{18}	Course 18	1.59	1.40	1.96	1.85	2.40	2.36	0.09	1.80	1.74	2.09	0.40	1.59
C_{19}	Course 19	2.86	0.50	2.09	2.37	2.84	1.94	1.53	0.27	2.02	2.54	0.61	2.86
C_{20}	Course 20	1.33	1.70	0.64	2.51	1.36	0.86	2.22	1.78	1.81	0.15	1.38	1.33
C_{21}	Course 21	2.04	0.47	2.63	0.97	2.80	1.75	2.95	2.80	0.99	2.90	0.93	2.04
C_{22}	Course 22	2.70	2.95	1.00	1.93	1.00	2.43	2.23	1.17	0.26	1.70	2.95	2.70
C_{23}	Course 23	0.80	0.89	1.94	0.77	1.84	2.96	1.08	1.18	2.94	0.49	2.30	0.80
C_{24}	Course 24	2.83	1.83	0.63	2.93	2.65	2.35	2.18	0.64	0.88	1.24	1.27	2.83

Step 6: Defining the methodology for measuring the attainment of learning outcomes and setting up the target level.

In this step, methodology for measuring the attainment level of learning outcomes is defined and the target levels for the batch are defined.

- **Methodology for the attainment of learning outcomes for this year**

  Details of a programme:

  ➢ Programme name XYZ

  ➢ Programme has n_1 POs, say, $PO_1, PO_2, \ldots, PO_{n_1}$

  ➢ Programme has n_2 PSOs, say, $PSO_1, PSO_2, \ldots, PSO_{n_2}$

  Let $n = n_1 + n_2$, total number of POs and PSOs. For convenience, let us denote the POs & PSOs, $PO_1, PO_2, \ldots, PO_{n_1}, PSO_1, PSO_2, \ldots, PSO_{n_2}$ by $P_1, P_2, \ldots, P_n$

  ➢ Programme has m courses, say, $C_1, C_2, \ldots, C_m$

  ➢ Each course C_i has k_i course outcomes (COs) denoted as $CO_{i,1}, CO_{i,1}, \ldots, CO_{i,k_i}, i = 1,2, \ldots, m$.

Course articulation matrices and programme articulation matrix are obtained as discussed in previous steps. Let $X_{i,j,l}$ be the level of correlation of CO, $CO_{i,j}$ (j^{th} CO of course C_i) with P_l where $i = 1, 2, ..., m, j = 1, 2, ..., k_i, l = 1, 2, ..., n$. Let $Y_{i,l}$ be the overall CO levels of course C_i with P_l and is calculates as $Y_{i,l} = \frac{1}{k_i} \sum_{j=1}^{k_i} X_{i,j,l}$ where $i = 1, 2, ..., m, \ l = 1, 2, ..., n$

Attainment of COs

The CO attainment levels are measured based on the results of the internal assessment and external examination conducted by the university. The CO attainment level based on internal assessment and external assessment are computed separately.

Attainment levels based on internal/external assessment method are defined as follows:-

Level 1: 30% of students scored more than class average for that assessment method
Level 2: 40% of students scored more than class average for that assessment method
Level 3: 50% of students scored more than class average for that assessment method

Let ALC_E and ALC_I be the CO attainment level of the course based on external assessment and internal assessment respectively. The overall CO attainment of the course is calculated by taking 80% weightage to external assessment and 20% weightage to external assessment.

$$ALC = 0.8 * ALC_E + 0.2 * ALC_I.$$

Let $ALC_1, ALC_2, ..., ALC_m$ be the CO attainment levels of the courses $C_1, C_2, ..., C_m$ respectively.

Attainment of POs and PSOs

The attainment of POs and PSOs are calculated using direct and indirect method. In direct method the attainment of POs and PSOs are calculated through the attainment levels of COs. The CO attainment values $(ALC_1, ALC_2, ..., ALC_m)$ and the overall level of relation of course with each PO and PSO $(Y_{i,l}, i = 1, 2, ..., m, \ l = 1, 2, ..., n)$ are used to compute direct attainment level of each PO and PSO. The direct attainment level of the lth, PO/PSO is calculated as follows.

$$DALP_l = \frac{1}{\sum_{i=1}^{m} Y_{i,l}} \sum_{i=1}^{m} Y_{i,l} * ALC_i , l = 1, 2, ..., n$$

For determining indirect attainment level of POs and PSOs, every year college conducts feedback surveys on curriculum of all stakeholders (Parent, teachers, students, alumni and employers). The feedback on the points related to the curriculum and its execution are used to calculate indirect level of attainment. Let $IALP_l$ be the indirect attainment level for the lth, PO/PSO.

Overall attainment level of the lth, PO/PSO is calculated by taking 80% weightage to direct attainment level and 20% weightage to indirect attainment level that is,

$$ALP_l = 0.8 * DALP_l + 0.2 * IALP_l , l = 1,2,...,n.$$

The overall PO attainment levels are categorized as below.

Level I: greater than 0 and less than 1.0 (0>1)-Poor

Level II: 1.0>1.5-Average

Level III: 1.5>2.0-Good

Level IV: 2.0>2.5- Very Good

Level V: 2.5>3.0-Excellent

For every programme, the target level is set. We have set level IV as target level that is we are aiming minimum level-IV (very good) in the performance of abilities of students.

Step 7: Measuring attainment levels of learning outcomes

This step includes the calculation of attainment levels of learning outcomes after result declaration.

Step 8: Comparison of obtained attainment level with target and action taken.

In this step the target levels of PO attainment are compared with obtained PO attainment levels.

PO	Overall Attainment	Attainment Level	Target Level	Remark
PO1	2.40	Level-4	Level-4	Fully attained
PO2	2.16	Level-4	Level-4	Fully attained
PO3	1.81	Level-3	Level-4	Partially attained
PO4	2.12	Level-4	Level-4	Fully attained
PO5	2.50	Level-4	Level-4	Fully attained
PO6	2.47	Level-4	Level-4	Fully attained
PO7	1.61	Level-3	Level-4	Partially attained
PO8	1.57	Level-3	Level-4	Partially attained
PSO1	2.46	Level-4	Level-4	Fully attained
PSO2	1.63	Level-3	Level-4	Partially attained

| PSO3 | 1.72 | Level-3 | Level-4 | Partially attained |
| PSO4 | 2.4 | Level-4 | Level-4 | Fully attained |

If the target level is not achieved, some remedial actions are taken to achieve the target level in the next year. The remedial actions include additional assignment/tutorials/remedial teaching.

Principal
A.M.A.&N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri.

Rayat Shikshan Sanstha's

Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.

Course Outcomes, Program Outcomes and Program Specific Outcomes Attainment Reports of

the Institute 2021-2022 Batch

1.	B.Sc. - Bachelor of Science 1. Chemistry 2. Botany
2.	B.Com. - Bachelor of Commerce 1.Accountancy
3.	B.A. - Bachelor of Arts 1. Marathi 2. Hindi 3.English 4. Economics 5. Geography 6. Political Science 7. History
4.	M.Com. - Master of Commerce 1. Accountancy

Name of the Programme: B.Sc. - Bachelor of Science

Name of Department: Botany

Program Outcomes (POs)

Specific core discipline knowledge

1. Students can recall details and information about the evolution, anatomy, morphology,systematics, genetics, physiology, ecology, and conservation of plants and all other forms of life.
2. Students can recall details of the unique ecological and evolutionary features of the local andIndian flora.

Communication skills

3. Students can communicate effectively using oral and written communication skills

Problem solving and research skills

4. Students can generate and test hypotheses, make observations, collect data, analyze and interpretresults, derive conclusions, and evaluate their significance within a broad scientific context

BSc BOTANY: PROGRAM SPECIFIC OUTCOMES

1. To recognize and identify major groups of non-vascular and vascular plants and their phylogeneticrelationships.
2. To understand the phylogeny of plants and study various systems of classification.
3. To explore the morphological, anatomical, embryological details as well as economic importanceof algae, fungi, bryophytes, pteridophytes, gymnosperms and angiosperms.
4. To understand physiological processes and adaptations of plants.
5. To provide knowledge about environmental factors and natural resources and their importance insustainable development.
6. To be able to carry out phytochemical analysis of plant extracts and application of the isolatedcompounds for treatment of diseases.
7. To be able to deal with all microbes and the technologies for their effective uses in industry andmitigation of environmental concerns.
8. To explain how current medicinal practices are often based on indigenous plant knowledge and toget introduced to different perspectives on treating ailments according to ethnomedicinalprinciples.
9. To understand patterns of heredity and variation among individuals, species and populations andapply principles for improvement of quality and yield.
10. To be able to apply statistical tools to gain insights into significantly different data from differentsources.
11. To acquire recently published knowledge in molecular biology, such as rDNA technology; PTCand bioinformatics and their applications.

COURSE OUTCOMES

USBO501 PLANT DIVERSITY – III

1. To gain knowledge about microbial diversity and techniques for culturingand visualization.
2. To understand the salient features of three major groups of algae, their lifecycle patterns with a suitable example; to be able to identify them.
3. To learn the general characteristics and classification of two major groups offungi along with life cycles of each group; to be able to identify them.
4. To understand the scope and importance of Plant Pathology and apply the conceptsof various control measures of commonly widespread plant diseases.

USBO502 PLANT DIVERSITY – IV

1. To provide plant description, describe the morphological andreproductive structures of seven families and also identify and classifyaccording to Bentham and Hooker's system.
2. To gain proficiency in the use of keys and identification manuals foridentifying any unknown plants to species level.
3. To relate anomalies in internal stem structure with function and appreciatethe salient features of the root stem transition zone.
4. To get exposure to pollen study and learn to apply it in various fields.

USBO503 FORM AND FUNCTIONS- II

1. To acquire knowledge about two important organelles and molecularmechanisms of translation
2. To understand water relations of plants, inorganic and organic solutetransport, and apply the knowledge to manage mineral nutrition and survivalin challenging abiotic stresses.
3. To understand succession in plant communities and study remediationtechnologies in order to apply knowledge acquired for cleanup of polluted sites.
4. To get exposure to principles and techniques of plant tissue culture and applythese studies for improving agriculture and horticulture and to becomean entrepreneur.

USBO504 CURRENT TRENDS IN PLANT SCIENCES – II

1. To get exposure to the technique of mushroom cultivation and explore the possibilityof entrepreneurship in the same.
2. To learn ethnobotanical principles, applications and utilize indigenous plantknowledge for the cure of common human diseases and improvement ofagriculture.
3. To gain knowledge about the latest molecular biology techniques for isolationand characterization of genes.
4. To learn principles and application of commonly used techniques in instrumentation.
5. To gain proficiency in themonograph study and pharmacognostic analysis ofsix medicinal plants.

USBO601 PLANT DIVERSITY – III

1. To identify, describe and study in detail the life cycles of three Bryophytes.
2. To and study in detail classification and general characters of three classesof Pteridophytes and identify as well as describe the life cycles of oneexample from each class.
3. To study evolutionary aspects and economic utilization of Bryophytesand Pteridophytes.
4. To identify, describe and study in detail the life cycles of three Gymnosperms.

USBO602 PLANT DIVERSITY – IV

1. To study contribution of Botanical gardens, BSI to Angiosperm study andprovide plant description, describe the morphological and reproductive structuresof seven families.
2. To gain exposure to a phylognetic system of classification.
3. To gain insight into the anatomical adaptations of different ecological plant groups.
4. To understand development plant of male and female gametophytes,embryonic structure and development.
5. To understand the different aspects and importance of Biodiversity and utilizethem for conservation of species so as to prevent further loss or extinctionof Biodiversity and preserve the existing for future generations.

USBO603 FORMS AND FUNCTION – III

1. To study various plantbiomolecular structures and appreciate the structures,role, functions and applications of enzymes.
2. To gain insight into the Nitrogen and plant hormone metabolism withapplications of the same in agriculture and horticulture.
3. To understand principles of genetic mapping , mutations and solveproblems based on them, gain knowledge of various metabolic disorders andtheir implications.
4. To generate and test hypotheses, make observations, collect data, analyse and interpret results, derive conclusions, and evaluate their significance withina broad scientific context, using suitable statistical techniques.

USBO604 Current Trends in Plant Science – II

1. To gain insight into recent molecular biology techniques for DNA analysisand amplification and Barcoding techniques and applications therein.
2. To understand and apply tools of Bioinformatics for data retrievaland phylogenetic analysis.
3. To learn about the sources of economically important plants in the field offats and oils and apply it for extraction, dealing with entrepreneurship in the field.
4. To gain knowledge and proficiency in preservation of post harvest produceand explore the possibility of entrepreneurship in the field.

CO Attainment:

Paper No	Course Name	CO attainment score	Level	Status
Paper-I	USBO501 : PLANT DIVERSITY - III	1.33	Average	Attained
Paper-II	USBO502 : PLANT DIVERSITY - IV	2.67	Excellent	Attained
Paper-III	USBO503 : FORM & FUNCTION - III	1.67	Good	Attained
Paper-IV	USBO504 : CURRENT TRENDS IN PLANT SCIENCES-II	1	Average	Attained
Paper-I	USACHO501 : HORTICULTURE & GARDENING – I	3	Excellent	Attained
Paper-I	USBO601 : PLANT DIVERSITY - III	2.67	Excellent	Attained
Paper-II	USBO602 : PLANT DIVERSITY - IV	1.33	Average	Attained
Paper-III	USBO603 : FORM & FUNCTION - III	1.33	Average	Attained
Paper-IV	USBO604 : CURRENT TRENDS IN PLANT SCIENCES-II	1.33	Average	Attained
Paper-IV	USBOP8 : PRACTICAL OF USBO603 TO USBO604	3	Excellent	Attained
Paper-I	USACHO601 : HORTICULTURE & GARDENING – I	3	Excellent	Attained

PO, and PSO Attainment

PO/PSO	Outcome Value (2021-22)	Level	Attainment
PO1	1.93	Good	Attained
PO2	1.93	Good	Attained
PO3	1.93	Good	Attained
PO4	1.93	Good	Attained
PSO1	1.93	Good	Attained
PSO1	1.93	Good	Attained
PSO2	1.93	Good	Attained
PSO3	1.93	Good	Attained
PSO4	1.93	Good	Attained
PSO5	1.93	Good	Attained
PSO6	1.93	Good	Attained
PSO7	1.93	Good	Attained
PSO8	1.93	Good	Attained
PSO9	1.93	Good	Attained
PSO10	1.93	Good	Attained
PSO11	1.93	Good	Attained
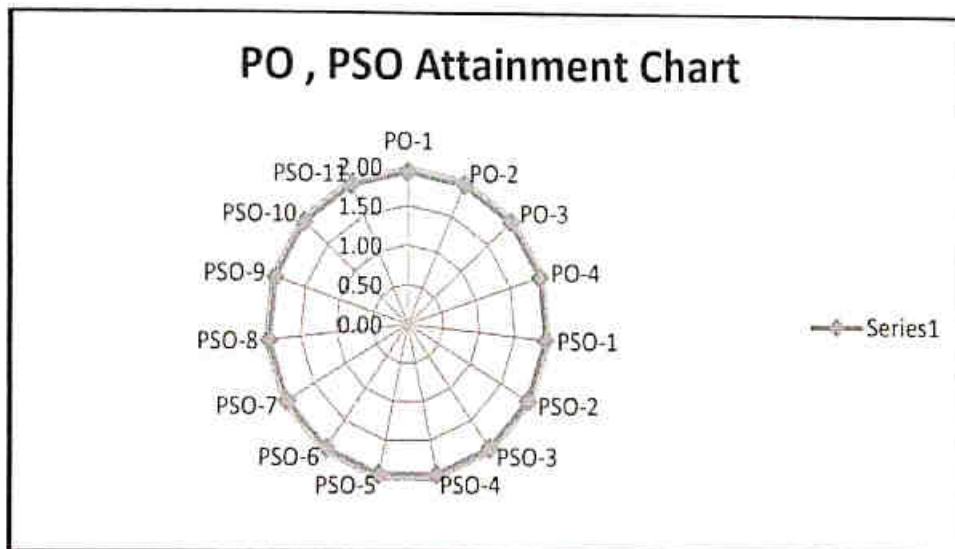
PO , PSO Attainment Chart

Remedial Actions Taken: Nil

Principal
A.M.A.&N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri.

Name of the Programme: B.Com. - Bachelor of Commerce
Name of Department: Accountancy
Program Outcomes (POs)
Graduates of the B.Com. program will be able to:
1. Commercial sense.
2. Budgeting policy.
3. Entrepreneurial skill.
4. Develop managerial skills.
5. Human Resources Management.
6. Develop Numerical ability.
7. To inculcate knowledge of accountancy.
8. Well versed with business regulatory framework.

Program Specific Outcome (PSO)

1. **T. Y.B.Com. Financial Accounting and Auditing P. VII & IX Financial Accounting –**
    1. Creating knowledge about the issue of shares and debentures of the company.
    2. Attainment of knowledge about accounting procedure of company final account.
    3. Understanding the accounting procedure for amalgamation and absorption of company
    4. Ability to get the knowledge about valuation of shares.
    5. Understanding the accounting procedure of liquidation of Ltd. company.
    6. Understanding the transactions of foreign currency.

2. **Financial Accounting and Auditing P. VIII & X Cost Accounting –**
    1. Creating knowledge about accounting for material, labour and overheads.
    2. Developing knowledge about preparation of cost sheets, tenders, quotations, etc. and reconciliation of cost accounts with financial accounts.
    3. Developing knowledge about preparation of cost control accounts.
    4. Developing knowledge about procedure for accounting for contract accounts and process accounts.
    5. Developing knowledge about accounting for marginal and standard costing.

3. **Marketing & Human Resource Management P.V & VI –**
    1. Developing knowledge about marketing and marketing research
    2. Getting knowledge of marketing mix
    3. Creating knowledge about marketing ethics
    4. Getting acquitted with key marketing dimension
    5. Creating knowledge about introduction to human resource management
    6. Developing knowledge about human recourse development
    7. Getting acquitted with human relations
    8. Developing knowledge about current issue in human resource management

4. **Export Marketing P.I & II –**
    1. Enhancing the skill of export marketing among students.
    2. Providing different techniques of export marketing for increase of sales.
    3. Creating the sense how to behave in the market while buying or selling of product.
    4. Understanding how to undertake crucial task such as competition analysis, production etc.
    5. Providing information about buying pattern and different attitudes of consumers.

5. Labour Welfare & Practice P.I & II -

1. Understanding constitutional provisions regarding labour.
2. Awareness of labour legislations pertaining to Industrial Relations.
3. Providing information about traditional concept of labour welfare in the industry
4. Understand the labour policy aspects in the country
5. Understand the conditions of labour and their welfare and social security needs in the country.
6. Developing the knowledge about labour markets and its characteristics.
7. Achieving legal provisions regarding regional Industrial Relations.
8. To study legal provisions of working conditions and social security.
9. Conversant with the legal aspects of how to deal with social security measures as well as working conditions of factories.

CO Attainment:

Course No	Course Name	CO attainment score	Level	Status
Course-1	Commerce-V	3	Excellent	Attained
Course-2	Business Economics –V	3	Excellent	Attained
Course-3	Financial Accounting-VII	3	Excellent	Attained
Course-4	Financial Accounting-VIII	3	Excellent	Attained
Course-5	Financial Accounting-VIII	3	Excellent	Attained
Course-6	Financial accounting-VIII	3	Excellent	Attained
Course-7	Commerce-VI	3	Excellent	Attained
Course-8	Business Economics-VI	3	Excellent	Attained
Course-9	Financial Accounting-IX	3	Excellent	Attained
Course-10	Financial Accounting& Auditing-X	3	Excellent	Attained
Course-11	Export Marketing-II	3	Excellent	Attained
Course-12	Labour Welfare Practice-II	3	Excellent	Attained

PO Attainment

PO/PSO	Outcome Value (Academic Year 2021-22)	Level	Attainment
PO1	3	Good	Attained
PO2	3	Good	Attained
PO3	3	Good	Attained
PO4	3	Very Good	Attained
PO5	3	Good	Attained
PO6	3	Good	Attained

PO7	3	Average	Attained
PO8	3	Good	Attained
PO9	3	Very Good	Attained
PO10	3	Good	Attained
PSO1	3	Good	Attained
PSO2	3	Average	Attained
PSO3	3	Good	Attained
PSO4	3	Good	Attained
PSO5	3	Very Good	Attained
PSO6	3	Very Good	Attained
PSO7	3	Good	Attained
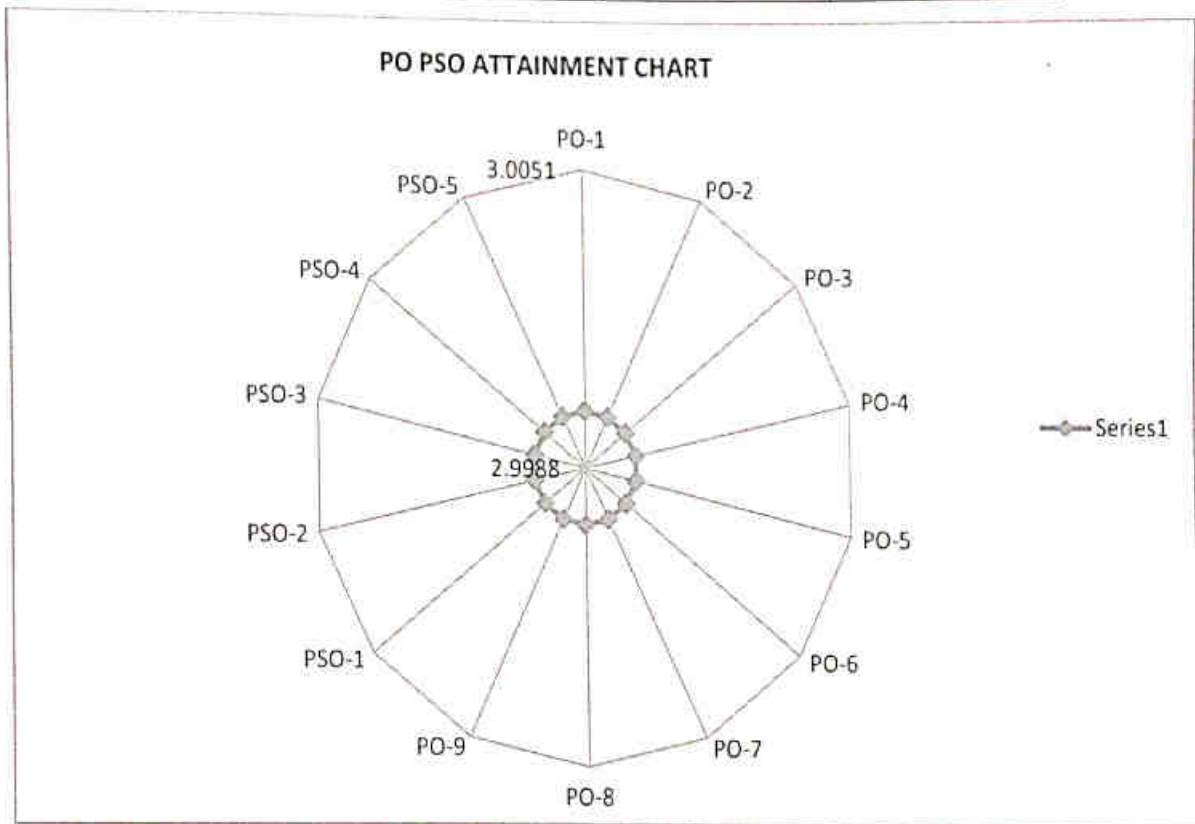
PO PSO ATTAINMENT CHART

Remedial Actions Taken: Nil

Principal
A.M.A.&N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri,

Name of the Programme: B.A. - Bachelor of Arts
Name of Department: Hindi
Program Outcomes (POs)
Graduates of the B.A. Hindi program will be able to:

I. Program Outcome of Bachelor of Arts (B.A.)

Student seeking admission for B.A. programme is expected to imbue with following quality which helps them in their future life to achieve the expected Goals.
a. Realization of human values.
b. Sense of social service.
c. Responsible and dutiful citizen.
d. Critical temper
e. Creative ability.

II. Program Specific Outcomes B.A. (Hindi)

On completion of B.A (Hindi). Students are able to:
1. To understand the basic concept and subject of Hindi & its origin
2. To make or not the importance of subject Hindi & its Branches.
3. To understand various aspect of Hindi literature with a process to reach method and giving new mode and direction.
4. To make a attempt in different area and theory such as vocabulary and vice versa
5. To understand in the Literature more in a border areas then Mary confined to subject.
6. To know about Hindi literature its roots cause perspectives and methods.
7. Elaborating and understanding its philosophical methods of Hindi Literature.
8. Evaluating the concept of Hindi from past to present and making the society more closely through literature.

Program Outcomes B.A.

1. The student secure knowledge in the field of Social Science, literature and humanities which make them sensitive and sensible enough.
2. The B.A. graduates will be acquainted with the social, economic, historical, geographical, political, ideological and philosophical tradition and thinking
3. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate program of their choice.
4. The B.A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.
5. The students will be ignited enough to thick and act over for the solution of various issues prevailed in the human life to make this world better than ever.
6. Program provides the base to the responsible citizen.
7. A graduate student in arts/social sciences/humanities shall be confident to speak, write, read, listen and understand the English language and one or more Indian languages.
8. Program Develops clear, rational and progressive thinking.
   Participating in decision-making concerning the society and upholding
   National development, integrity, unity and fraternity.

B.A. Hindi

Program Specific Outcomes

1. Knowledge about Political system of the nation.
2. Study of national and international political affairs.
3. Study from competitive examination point of view.
4. Understanding the government mechanism, its functions, duties and responsibilities.
5. Creating appropriate and efficient Political leaders.
6. Getting knowledge of political law.
7. Getting knowledge of Constitution of India.

Course Outcomes

Class: - F.Y.B.A. (Sem. I)

Paper Name:-Optional Hindi (Paper I)

On completion of the course, students are able to

1. To able to understand 'Mahabharata Ki Ek Saanj' by Bharatbhushan Agrawal
2. To able to understand the eassy by Kubernath Roy.
3. To able to understand the stories by Kamaleshwar and Udayprakash.
4. To able to understand the stories by Sudha Arora and Yashpal

Class: - F.Y.B.A. (Sem. II)

Paper Name:-Optional Hindi (Paper II)

On completion of the course, students are able to

1. To able to understand the eassy by Addhyapak Purnasingh.
2. To able to understand the one act play by Jagadishchandra Mathur
3. To able to understand novel by Bhagwaticharan Varma.
4. To able to understand the characters in Chitralekha Novel.

Class: - S.Y.B.A.(Sem. III)

Paper Name:-Functional Hindi

On completion of the course, students are able to

1. To able to Understand the meaning, concept and importance of Functional Hindi.
2. To able to understand various forms of Functional Hindi according to its area of application
3. To able to understand the importance of translation
4. To able to understand various forms of writing in media

Class: - S.Y.B.A. (Sem. IV)

Paper Name:-Functional Hindi

On completion of the course, students are able to

1. To able to understand various forms of Functional Hindi language relating to internet.
2. To able to understand use of Functional Hindi language for newspaper, cinema and radio.
3. To able to understand the concept of Right to information.
4. To able to understand the concept of fundamental rights of Indian Constitution.

Class: -T.Y.B.A. (Sem. V)

Paper Name:-History of Hindi literature

On completion of the course, students are able to

1. To able to understand the origin of Hindi language and its literature.
2. To able to understand Identifying the dialects of Hindi language family.
3. To able to Analyse the development of Khariboli Hindi.
4. To able to understand the concept of history of literature.

Class: -T.Y.B.A. (Sem. VI)

Paper Name:-History of Hindi literature

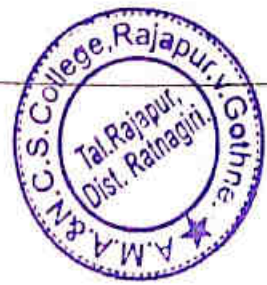On completion of the course, students are able to

1. To able to understand the basis of the classification of Hindi literature.
2. To able to understand the importance and basis of the names given to each period of Hindi literature.
3. To able to understand the features of Adikal, Bhakti kal, Ritikal and Adhunikkal, in context of socio - cultural and political condition of that period.
4. To able to understand the reason of emergence of Adhunikkal in Hindi literature.

Class: -T.Y.B.A. (Sem. V)

Paper Name:-Functional Hindi

On completion of the course, students are able to

1. To able to understand the concept of information technology.
2. To able to use study material from websites of Hindi literature
3. To able to understand the importance and problems of information technology.
4. To able to understand the role of information technology in employment generation.

Class: -T.Y.B.A. (Sem. VI)
Paper Name:-Functional Hindi
On completion of the course, students are able to
1. To able to understand the importance of social media.
2. To able to understand the impact of social media on society.
3. To able to understand the relation between social media and law.
4. To able to understand the problems of social media and their remedies.

Class: -T.Y.B.A. (Sem. V)
Paper Name:-Linguistic, Hindi language and Hindi grammar.
On completion of the course, students are able to
1. To able to understand the concepts of linguistic.
2. To able to understand the different flows of Hindi language (Rajbhasha, Bolibhasha)
3. To able to understand the introductorily concepts of Hindi grammar.
4. To able to understand the importance of linguistic.

Class: -T.Y.B.A. (Sem. VI)
Paper Name:-Linguistic, Hindi language and Hindi grammar.
On completion of the course, students are able to
1. To able to understand the ancient and medieval period languages.
2. To able to understand the origin and development of Hindi language.
3. To able to understand the different forms of Khadiboli (Hindi, Urdu)
4. To able to understand the introductorily concepts of Hindi grammar.
CO Attainment:

CourseNo	Course Name	CO attainment score	Level	Status
Paper-IV	*History of hindi literature Paper-IV*	3	Excellent	Attained
Paper-V	*Post Independent hindi Literature Paper-V*	3	Excellent	Attained
Paper-VI	*information technology in hindi-VI*	2.8	Excellent	Attained
Paper-VII	*Literary criticism prosedy & Rhetorics-VII*	3	Excellent	Attained
Paper-VIII	*Linguistics hindi language & grammar-VIII*	3	Excellent	Attained
Paper-IX	Ideological background of modern hindi literature Paper-IX	1.6	Good	Attained
Paper-IV	*History of Modern hindi literature Paper-IV*	3	Excellent	Attained
Paper-V	*History of Modern hindi literature Paper-IV*	3	Excellent	Attained
Paper-VI	*Social Meadia Paper-Vi*	3	Excellent	Attained
Paper-VII	*Social Meadia Paper-Vi*	3	Excellent	Attained
Paper-VIII	*Linguistics hindi language & grammar-VIII*	3	Excellent	Attained
Paper-IX	Ideological background of modern hindi literature Paper-IX	3	Excellent	Attained

PO Attainment

PO/PSO	Outcome Value (2021-22)	Level	Attainment
PO1	2.76	Excellent	Attained
PO2	2.76	Excellent	Attained
PO3	2.76	Excellent	Attained
PO4	2.73	Excellent	Attained
PO5	2.78	Excellent	Attained
PO6	2.77	Excellent	Attained
PO7	2.79	Excellent	Attained
PO8	2.75	Excellent	Attained
PO9	2.78	Excellent	Attained
PSO1	2.75	Excellent	Attained
PSO2	2.76	Excellent	Attained
PSO3	2.77	Excellent	Attained
PSO4	2.75	Excellent	Attained
PSO5	2.76	Excellent	Attained
PSO6	2.70	Excellent	Attained
PSO7	2.76	Excellent	Attained
PSO8	2.78	Excellent	Attained
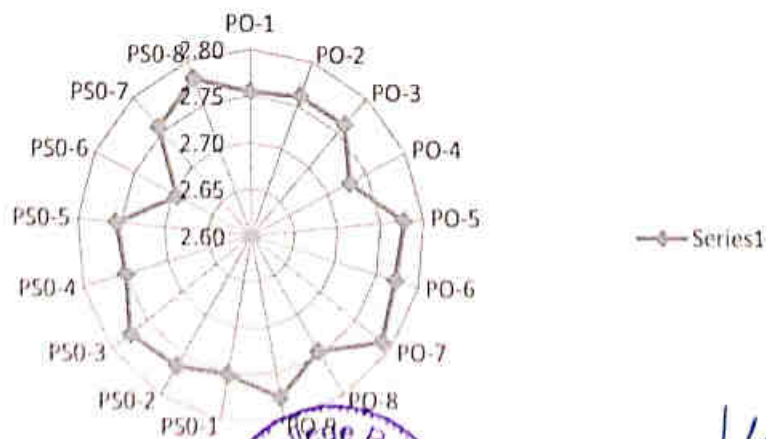
PO, PSO Attainment Chart

Remedial Actions Taken: Nill

Principal
A.M.A.& N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri.

Name of the Programme: B.A. - Bachelor of Arts
Name of Department: Marathi
Program Outcomes (POs)
Graduates of the B.A. Marathi program will be able to:

PO-1	मराठी भाषा, साहित्य आणि संस्कृती जतन आणि संवर्धनाची गरज आणि मार्ग समजून घेणे.
PO-2	साहित्यिक संवेदनशीलता विकसित करणे.
PO-3	साहित्यातून मूल्ये आत्मसात करणे
PO-4	मराठीची भाषाशास्त्र आणि साहित्यिक परंपरा जाणून घेणे
PO-5	साहित्यकृतींचे स्वतंत्रपणे कौतुक करणे.
PO-6	वेगवेगळ्या व्यावसायिक आणि शैक्षणिक हेतूंसाठी मराठीचा वापर करणे.
PO-7	समकालीन सामाजिक समस्यांबाबत संवेदनशील राहणे.

Program Specific Outcomes (PSOs)

After completion of B.A. Marathi program the student will be able to:

PSO-1	साहित्याची आवड निर्माण करणे..
PSO-2	भाषांतर, परिवर्तन आणि माध्यमांमध्ये नोकरीच्या संधींचा लाभ घेणे.
PSO-3	भाषा विकसनशील करणे .
PSO-4	साहित्यिक अभ्यासाबद्दल टीकात्मक वृत्ती वाढवणे
PSO-5	साहित्यिक संशोधनाची वृत्ती वाढवणे.

COURSE OUTCOMES (CO)
F.Y.B.A
Marathi Compulsory

CO-1.	साहित्य आणि समाज यांच्यातील परस्परसंबंध समजून घेणे.
CO-2.	वाचन, लेखन आणि संवाद कौशल्ये विकसित करा.
CO-3.	निबंध लेखन कौशल्ये आत्मसात करणे.
CO-4.	भाषा आणि साहित्याचे स्वरूप समजावून घेणे.
CO-5.	भाषांतराचे कौशल्य आत्मसात करणे.

Marathi Optional

CO-1	साहित्यिक समीक्षेचे कौशल्य प्राप्त करणे.
CO-2	एका नाटकासारख्या साहित्यिक प्रकारांचे स्वरूप स्पष्ट करणे, प्रवासवर्णन, लघुकथा आणि कविता.

S.Y.B.ASem - III
Marathi Paper II

CO-1	मराठी साहित्यातील कथन साहित्य अभ्यासून विद्यार्थ्यांना कथन साहित्याचे विश्लेषण करून मर्म ग्रहण करता येईल
CO-2	कथा कादंबरी वाचताना कोणत्या दृष्टीने वाचावे याचेशान प्राप्त होईल

Marathi Paper III

CO-1	मराठी भाषेचे स्वरूप समजेल
CO-2	मराठीच्या विविध बोलींचे ज्ञान होईल
CO-3	मराठी बोलीअभ्यासाला चालना मिळेल

S.Y.B.ASem - IV
Marathi Paper II

CO-1	नाटक आणि एकांकिका या प्रकारचे वाङ्मयीन स्वरूप लक्षात येईल
CO-2	नाट्य साहित्याची वाटचाल समजेल
CO-3	नाट्य शान मिळून नाट्य रचना करता येईल

Marathi Paper III

CO-1	भाषालेखन कौशल्य आत्मसात होईल
CO-2	मराठीचे लेखन कौशल्य प्राप्त होईल
CO-3	संगणकासाठी मराठी भाषेचा उपयोग होईल
CO-4	स्पर्धा परीक्षा उत्तीर्ण होण्यासाठी हा अभ्यासक्रम उपयुक्त ठरेल.

T.Y.B.AV –meS
Medieval Marathi Literature -I

CO-1	प्राचीन मराठी वाड:मयाच्या इतिहासाची माहिती होईल.
CO-2	प्राचीन मराठी वाड:मयाचे रचना प्रकार समजतील.
CO-3	मराठी भाषेबद्दल अभिमान निर्माण होईल.

Indian Poetics

CO-1	भारतीय साहित्य विचाराचा परिचय होईल.
CO-2	भारतीय साहित्य आस्वादाची प्रक्रिया समजेल.
CO-3	भारतीय साहित्याची निर्मित्ती प्रक्रिया व प्रयोजनाचा परिचय होईल.

Literature and Society- I

CO-1	साहित्य व समाज यांच्या अनोन्य संबंधाचा परिचय होईल
CO-2	महानगरीय व ग्रामीण जाणीवेच्या साहित्याचा व समाजाचा अनोन्य संबंध लक्षात येईल
CO-3	निवडकलच्या आधारे विविध वाङ्मयीन प्रवाहाचा परिचय होईल

Linguistics

CO-1	भाषेच्या विविध अंगांचा परिचय होईल
CO-2	भाषेच्या अभ्यासाच्या आधुनिक व शास्त्रीय पद्धतीचा परिचय होईल

Modern Marathi Literature

CO-1	आधुनिकता वादाचे वैशिष्ट्याची ओळख होईल
CO-2	वाङ्मयीन प्रवृत्ती समजतील.

Translation Skills

CO-1	भाषांतर विद्येबदल सूक्ष्म माहिती होईल.
CO-2	भाषांतर कौशल्य प्राप्त होईल. त्यामुळे रोजगार संधी प्राप्त होईल.

T.Y.B.AIV –meS
Medieval Marathi Literature -II

CO-1	शाहिरी वाङ्मयाचा परिचय होईल
CO-2	बखर वाङ्मयाचा परिचय होईल
CO-3	वेगवेगळ्या धर्मीयांनी केलेल्या वाङ्मय निर्मितीचा परिचय
CO-4	मध्युगीन वाङ्मयाचे स्वरूप स्पष्ट होईल.
CO-5	वेगवेगळ्या पंथाचे वाङ्मयाचे स्वरूप लक्षात येईल

Western Poetics

CO-1	पाश्चात्य साहित्य विचाराचा परिचय होईल.
CO-2	पाश्चात्य साहित्य आस्वादाची प्रक्रिया समजेल.
CO-3	पाश्चात्य साहित्याची निर्मित्ती प्रक्रिया व प्रयोजनाचा परिचय होईल.

Literature and Society- II

CO-1	सामाजिक स्थित्यंतराचा मराठी साहित्यावर प्रभाव पडतो, हे समजेल २) दलित साहित्याची निर्मिती प्रक्रिया समजेल
CO-2	सामाजिक स्थित्यंतराचा मराठी साहित्यावर प्रभाव पडतो, हे समजेल २) दलित साहित्याची निर्मिती प्रक्रिया समजेल

Marathi Grammar -II

CO-1	मराठी व्याकरण व्यबस्थेचा सूक्ष्म परिचय होईल
CO-2	मराठी व्याकरण व्यवस्थेतील समस्या लक्षात येतील

Post – modern Literature

CO-1	उत्तर आधुनिकता वादाची वैशिष्ट्ये लक्षात येतील
CO-2	उत्तर आधुनिकता वादाची स्वरूप वैशिष्ट्ये समजल्याने साहित्याकडे पाहण्याचा नवा दृष्टीकोन प्राप्त होईल.

Occupational Marathi

CO-1	विद्यार्थ्यांच्या लेखन क्षमतेचा आणि सर्जनशीलतेचा विकास होईल.
CO-2	विविध माध्यमासाठी आवश्कलेखनाच्या प्रकारांचा परिचय होईल आणि त्यासाठी आवश्क कौशल्ये आत्मसात होतील.
CO-3	लेखन कौशल्ये आत्मसात करून माध्यामामधील रोजगाराच्या संधी उपलब्ध होतील.

CO Attainment:

Course No	Course Name	CO attainment score	Level	Status
Paper-IV	Medieval Marathi Literature -I Paper-IV	3	Excellent	Attained
Paper-V	Indian Poetics Paper-V	3	Excellent	Attained
Paper -VI	Literature and Society-II Paper-VI	3	Excellent	Attained
Paper-VII	Linguistics Paper-VII	2	Very Good	Attained
Paper-VIII	Modern Marathi Literature Paper-VIII	1	Average	Attained
Paper-IX	Translation Skills Paper-IX	1	Average	Attained
Paper-IV	Medieval Marathi Literature-II Paper-IV	1	Average	Attained
Paper -V	Western Poetics Paper-V	3	Excellent	Attained
Paper-VI	Literature and Society-II Paper-VI	1	Average	Attained
Paper-VII	Marathi Grammar Paper-VII	1	Average	Attained
Paper-VIII	Post-Modern Literature Paper-VIII	1	Average	Attained
Paper-IX	Occupational Marathi Paper-IX	1	Average	Attained

PO, PSO Attainment

PO/PSO	Outcome Value (March 2021-22)	Level	Attainment
PO-1	1.74	Good	Attained
PO-2	1.91	Good	Attained
PO-3	1.84	Good	Attained
PO-4	1.87	Good	Attained
PO-5	1.83	Good	Attained
PO-6	1.89	Good	Attained
PO-7	1.77	Good	Attained

PSO-1	1.77	Good	Attained
PSO-2	1.78	Good	Attained
PSO-3	1.83	Good	Attained
PSO-4	1.70	Good	Attained
PSO-5	1.88	Good	Attained
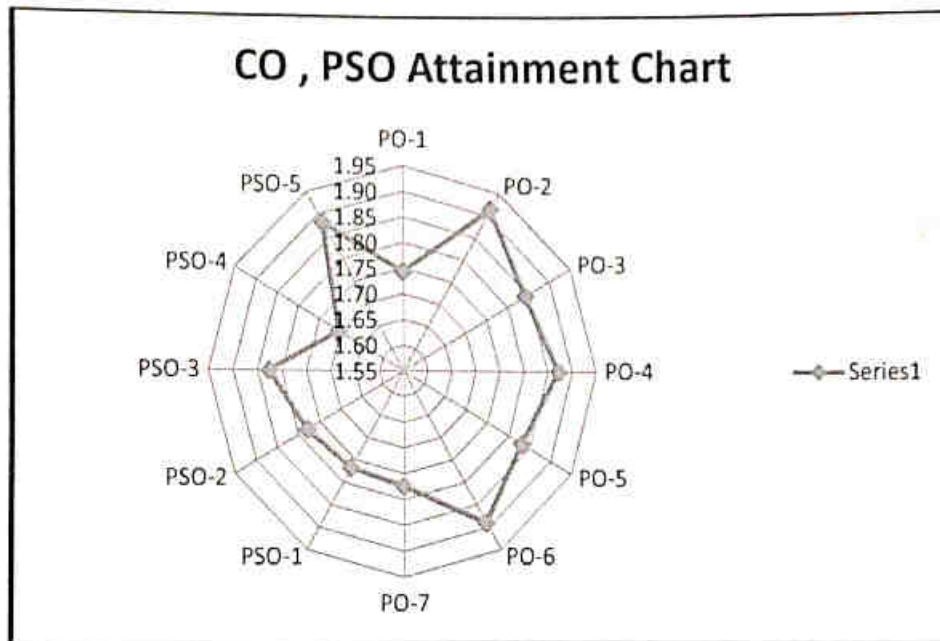
CO , PSO Attainment Chart

Remedial Actions Taken: Nil

Principal
A.M.A.& N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri

Name of the Programme: B.A. - Bachelor of Arts
Name of Department: English
Program Outcomes (POs)
Name of the Programme: B.A.

Name of Department: English

Graduates of the B.A. English program will be able to:

1. The students acquire knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough.

2. The B.A. graduates will be acquainted with the social, economic, historical, geographical, political, ideological and philosophical tradition and thinking.

3. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate program of their choice.

4. The B. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.

5. The students will be ignited enough to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.

6. Program provides the base to be the responsible citizen.

7. A graduate student in arts/social sciences/humanities shall be confident to speak, write, read, listen and understand the English language and one or more Indian languages.

8. Program Develops clear, rational and progressive thinking. Participating in decision-making concerning the society and upholding national development, integrity, unity and fraternity

Program Specific Outcomes (PSOs)

1. Demonstrate understanding of phonemic awareness, word analysis, and high frequency word recognition.
2. Produce simple sentences and short paragraphs in response to readings.
3. Identify main ideas in reading sections.
4. Examine and access own and others writings.
5. Analyze literary work with its form, structure and meaning.
6. Effectively communicate ideas related to the literary work during class and group activities.
7. Demonstrate a significant expansion of academic vocabulary.
8. Participate in role-playing stimulating academic situation.

Course Outcomes (COs)

1. Increase confidence among the students to read, comprehend, organize, and retain written information.
2. Understanding historical and cultural range of literature written in English.
3. Understanding the development of English language as written in works of literature.
4. Understanding textual interpretation appropriate to different literary genres.
5. Develop an ability to interpret, evaluate, and apply the knowledge in real-life situations.
6. Develop the communication skill to improve relationship with global community.
7. To aware the students about the socio-cultural diversity through the study of English literature.

CO Attainment:

Paper No	Course Name	CO attainment score	Level	Status
Paper IV	16th to 18th Century English Literature	3	Excellent	Attained
Paper V	Literary Criticism	3	Excellent	Attained
Paper VI	English Grammar and Art of Writing	3	Excellent	Attained
Paper IV	16th to 18th Century English Literature	1	Satisfied	Attained
Paper V	Literary Criticism	3	Excellent	Attained
Paper VI	English Grammar and Art of Writing	3	Excellent	Attained

PO, PSO Attainment

PO/PSO	Outcome Value (March 2020-21)	Level	Attainment
PO1	2.58	Very Good	Attained
PO2	2.50	Very Good	Attained
PO3	2.52	Very Good	Attained
PO4	2.50	Very Good	Attained
PO5	2.42	Very Good	Attained
PO6	2.42	Very Good	Attained
PO7	2.49	Very Good	Attained
PO8	2.50	Very Good	Attained
PSO1	2.63	Very Good	Attained
PSO2	2.52	Very Good	Attained
PSO3	2.50	Very Good	Attained
PSO4	2.52	Very Good	Attained
PSO5	2.50	Very Good	Attained
PSO6	2.50	Very Good	Attained
PSO7	2.48	Very Good	Attained
PSO8	2.52	Very Good	Attained
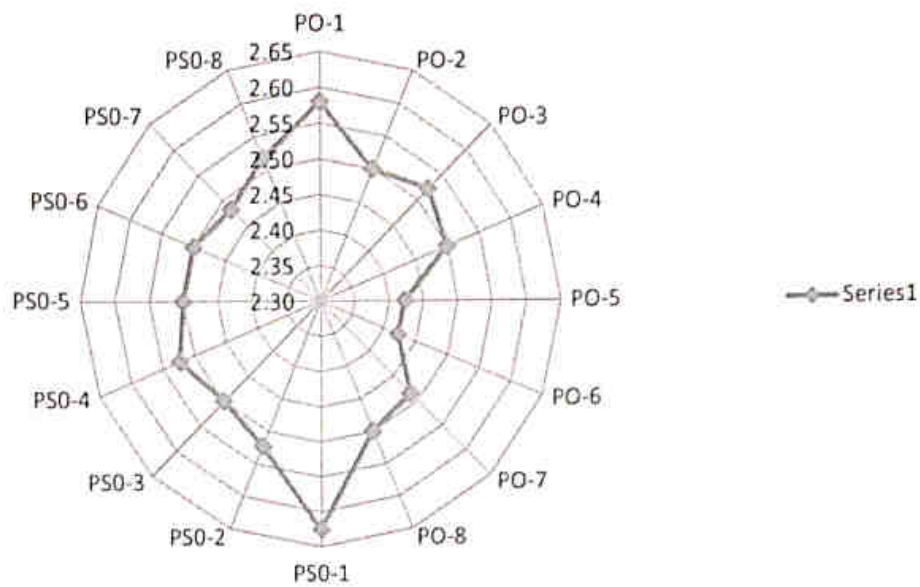
PO PSO Attainment Chart Chart

Remedial Actions Taken: Nil

Principal
A.M.A.& N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri,

Name of the Programme: B.A. - Bachelor of Arts
Name of Department: History
Program Outcomes (POs)
Graduates of the B.A. History program will be able to:

1. The students acquire knowledge in the field of Social Sciences, Literature and Humanities which make them sensitive and sensible enough.

2. The B.A. graduates will be acquainted with the Social, Economic, Historical, Geographical, Political, Ideological and Philosophical tradition and thinking.

3. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate program of their choice.

4. The B. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.

5. The students will be ignited enough to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.

6. Program provides the base to be the responsible citizen.

7. A graduate student in arts/social sciences/humanities shall be confident to speak, write, read, listen and understand the English language and one or more Indian languages.

8. Program Develops Clear, Rational and Progressive thinking. Participating in decision-making concerning the society and upholding national development, integrity, unity and fraternity

Program Specific Outcomes (PSOs)

1. Understand and evaluate the Historical development of various Nations, Societies And Culture.
2. Understand Indian and world history with Scientific, Critical and Rational Approach.
3. To Prepare the students for Career options in Fields like Civil Services, Teaching.
4. To develop a deep understanding of the Evolution of Human Civilization down the age. i.e. form prehistoric to modern age.
5. To develop research Skills in field of Archaeology, Excavation, Numismatics, Epigraphy &Eligible For Diploma In Musicology.
6. To Make Career In Museums, Arts Galleries, Historical Fiction Writing, Archaeological Survey And Tourism.

Course Outcomes (COs)

1. The course is designed to make the student aware about the making of modern India and the struggle for independence.

2. To enable the students to comprehend the transition of Europe from medieval to modern times and its impact on the world. To provide accurate knowledge of the most significant events and personalities of the period under study and encourage understanding of the making of the modern world.

3. To acquaint the students with different sources of Ancient Indian History. To enable the students to understand the political, socio-economic and cultural developments in the period under study

and appreciate the rich cultural heritage in India

4. To acquaint the students with the history of early Medieval India that laid the foundation of the Sultanate in India. study the contribution of Vijayanagar and Bahamani kingdoms to Medieval Indian History & examine the administrative, socio-economic and cultural aspects of Medieval India.

5. To acquaint students with regional history. Understand political and socio-economic developments during the 19th and 20th centuries as well as create understanding of the movement that led to the formation of Maharashtra.

6. To understand the basic facets of Archaeology. To evaluate the importance of Epigraphy. To study the importance of Numismatics as an important source of history.

CO Attainment:

Course No	Course Name	CO attainmentscore	Level	Status
Paper IV	History of Medieval India (1000 CE-1526CE)	3	Excellent	Attained
Paper V	History of Modern Maharashtra (1818 CE-1960 CE)	3	Excellent	Attained
Paper VI	Introduction to Archaeology	3	Excellent	Attained
Paper IV	History of Medieval India (1000 CE-1526CE)	3	Excellent	Attained
Paper V	History of Modern Maharashtra (1818 CE-1960 CE)	3	Excellent	Attained
Paper VI	Introduction to Archaeology	3	Excellent	Attained

PO Attainment

PO/PSO	Outcome Value (2021-22)	Level	Attainment
PO1	3	Very Good	Attained
PO2	3	Very Good	Attained
PO3	3	Very Good	Attained
PO4	3	Very Good	Attained
PO5	3	Very Good	Attained
PO6	3	Very Good	Attained
PO7	3	Very Good	Attained
PO8	3	Very Good	Attained
PSO1	3	Very Good	Attained
PSO2	3	Very Good	Attained
PSO3	3	Very Good	Attained
PSO4	3	Very Good	Attained

PSO5	3	Very Good	Attained
PSO6	3	Very Good	Attained
PSO7	3	Very Good	Attained
PSO8	3	Very Good	Attained
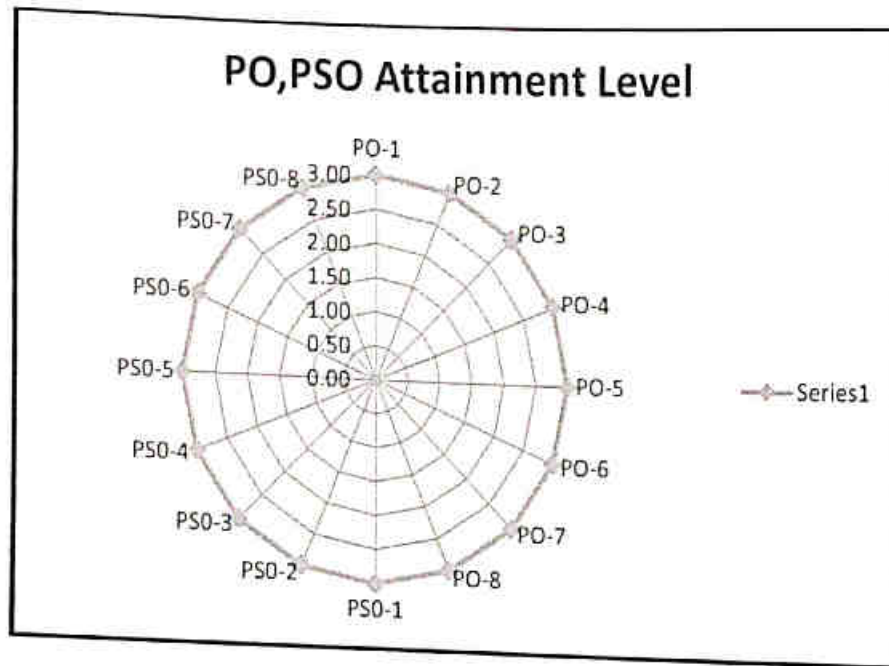
PO,PSO Attainment Level

Remedial Actions Taken: Nil

Principal
A.M.A.&N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri.

Name of the Programme: B.A.-Bachelor of Arts
Name of Department: Political Science
Program Outcomes (POs)

1. The student secure knowledge in the field of Social Science, literature and humanities which make them sensitive and sensible enough.
2. The B.A. graduates will be acquainted with the social, economic, historical, geographical, political, ideological and philosophical tradition and thinking
3. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate program of their choice.
4. The B.A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.
5. The students will be ignited enough to thick and act over for the solution of various issues prevailed in the human life to make this world better than ever.
6. Program provides the base to the responsible citizen.
7. A graduate student in arts/social sciences/humanities shall be confident to speak, write, read, listen and understand the English language and one or more Indian languages.
8. Program Develops clear, rational and progressive thinking. Participating in decision-making concerning the society and upholding National development, integrity, unity and fraternity.

B.A. Political Science

Program Specific Outcomes (PSO)

1. Knowledge about Political system of the nation.
2. Study of national and international political affairs.
3. Study from competitive examination point of view.
4. Understanding the government mechanism, its functions, duties and responsibilities.
5. Creating appropriate and efficient Political leaders.
6. Getting knowledge of political law.
7. Getting knowledge of Constitution of India.

Course Outcomes (CO)

B.A. –III: Sem – V Paper No. 4 -World Politics
1. Study of the international political system.
2. Study of the international organizations.
3.Study of the regional organizations.
4. Study of the relations of India with neighboring countries.

B.A. –III: Sem – VIPaper No. 4 -India in World Politics
1. Study of the Indian Foreign Policy.
2. Study of the international organizations.
3. Study of the regional organizations.
4. Study of the relations of India with Major Powers countries.

B.A. –III: Sem – V Paper No. 5-Western Political Thought
1. Getting information about western thinkers and their Political thoughts.
2. Comparative study of the ancient thoughts and modern thoughts.
3. Study of the Indian Political Thinking and their thoughts.
4. Study of the contribution of political thinkers in independent Movement sand their need for modern society.

B.A. –III: Sem – VI Paper No. 5- Indian Political Thought

1. Getting information about Indian thinkers and their Political thoughts.
2. Comparative study of the ancient thoughts and modern thoughts.
3. Study of the Indian Political Thinking and their thoughts.
4. Study of the contribution of political thinkers in independent
   Movement sand their need for modern society.

B.A. –III: Sem – V Paper No. 6 - Politics of Modern Maharashtra

1. Getting information about the Historical survey the formation of Maharashtra State.
2. Study of the Local governing mechanism.
3. Developing leadership at local level.
4. Study of the development imbalance in Maharashtra.

B.A. –III: Sem – VIPaper No. 6 - Determinants of Politics of Maharashtra

1. Getting information about the Political Economy of Maharashtra State.
2. Study of the Political Parties.
3. Study of the Tribal Issues & Farmers Movements.
4. Study of the civil society initiatives and alternative models of development.

CO Attainment:

Course No	Course Name	CO attainmentscore	Level	Status
Paper IV	World Politics Paper - IV	3	Excellent	Attained
Paper V	India in World Politics Paper-IV	3	Excellent	Attained
Paper VI	Western Political Thought Paper - V	3	Excellent	Attained
Paper IV	Western Political Thought Paper - V	3	Excellent	Attained
Paper V	Politics of Modern Maharashtra Paper-VI	3	Excellent	Attained
Paper VI	Politics of Modern Maharashtra Paper-VI	3	Excellent	Attained

PO Attainment

PO/PSO	Outcome Value (2021-22)	Level	Attainment
PO1	3	Excellent	Attained
PO2	3	Excellent	Attained
PO3	3	Excellent	Attained
PO4	3	Excellent	Attained
PO5	3	Excellent	Attained
PO6	3	Excellent	Attained
PO7	3	Excellent	Attained

PO8	3	Excellent	Attained
PSO1	3	Excellent	Attained
PSO2	3	Excellent	Attained
PSO3	3	Excellent	Attained
PSO4	3	Excellent	Attained
PSO5	3	Excellent	Attained
PSO6	3	Excellent	Attained
PSO7	3	Excellent	Attained
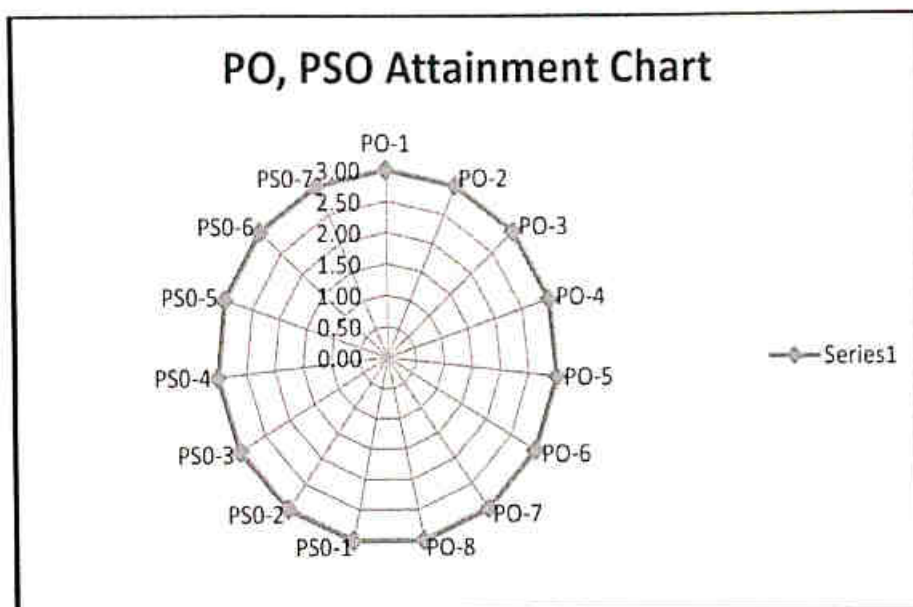
PO, PSO Attainment Chart

Remedial Actions Taken: Nil

Principal
A.M.A.& N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri.

Name of the Programme: B.A. - Bachelor of Arts

Name of Department: Economics

Program Outcomes (POs)

I. Program Outcome of Bachelor of Arts (B.A.)

Student seeking admission for B.A. programme is expected to imbue with following quality which helps them in their future life to achieve the expected Goals.

a. Realization of human values.

b. Sense of social service.

c. Responsible and dutiful citizen.

d. Critical temper

e. Creative ability.

II. Program Specific Outcomes of Bachelor of Arts Economics

On completion of B.A (Economics), Students are able to:

1. To able to understand basic concepts of economics.
2. To able to analyse economic behaviour in practice.
3. Understand the economic way of thinking.
4. The ability to analyse historical and current events from an economic perspective.
5. The ability to write clearly expressing an economic point of view.
6. Be exposed to alternative approaches to economic problems through exposure to coursework in allied fields.
7. To create students ability to suggest of the various economic problems.

III. Course Outcomes of Bachelor of Arts Economics

Class:- T.Y.B.A. (sem V)

Paper Name:- Micro economics

On completion of the course, students are able to

1. To able to understand monopoly market structure
2. To able to understand basics of game theory
3. To able to understand oligopoly market structure
4. To able to understand General equilibrium and welfare economics

Class:- T.Y.B.A. (sem V)

Paper Name:- Research Methodology

1. On completion of the course, students are able to
2. To able to understand concept of research
3. To able to understand elements of research methodology
4. To able to understand what source of data for research
5. To able to understand processing and analysis data

Class:- T.Y.B.A. (sem V)

Paper Name:- History of economic

On completion of the course, students are able to

1. To able to understand classical period of economic history
2. To able to understand marginalist theories
3. To able to understand Keynesian Ideas
4. To able to understand post- Keynesian development theories

Class: -T.Y.B.A.(Sem. V)

Paper Name: - ECONOMICS OF DEVELOPMENT: PAPER VIII

On completion of the course, students are able to

1. To able to understand concepts of growth and development
2. To able to understand theories of economic development
3. To able to understand concept of poverty &inequality
4. To able to understand role of technology in development

Class: - T.Y.B.A.(Sem. V)

Paper Name: -ECONOMICS OF AGRICULTURE AND COOPERATION: PAPER X

On completion of the course, students are able to

1. To able to understand economics of agriculture
2. To able to understand Indian agriculture sector
3. To able to understand agricultural prices, marketing & subsidies in India
4. To able to understand agriculture finance, insurance& capital formation

Class: - T.Y.B.A.(Sem. V)

Paper Name: -ENVIRONMENTAL ECONOMICS: PAPER XI

On completion of the course, students are able to

1. To able to understand economics of environment
2. To able to understand various environmental problems
3. To able to understand various environmental policies in India
4. To able to understand concept of sustainable development

Class:- T.Y.B.A. (sem VI)

Paper Name:- Macro economic

On completion of the course, students are able to

1. To able to understand good market (IS) in the open market
2. To able to understand money/financial market (LM) and Mudell-Fleming model
3. To able to understand Exchange rate regimes and exchange rate crises
4. To able to understand international monetary history, 1900-present

Class:- T.Y.B.A. (sem VI)

Paper Name:- Research Methodology

On completion of the course, students are able to

1. To able to understand statistical application in research
2. To able to understand index numbers
3. To able to understand hypothesis formulation and hypothesis testing
4. To able to understand research report writing

Class:- T.Y.B.A. (sem VI)

Paper Name:- International trade, policy and Practice

On completion of the course, students are able to

1. To able to understand the international trade
2. To able to understand new international economics order
3. To able to understand international financial institutions and international debt problem
4. To able to understand role of foreign capital flow

Class: - T.Y.B.A.(Sem. VI)

Paper Name: -INTERNATIONAL ECONOMICS: PAPER XIV

On completion of the course, students are able to

1.To able to understand concepts of domestic & international Trade
2. To able to understand theories international trade.
3. To able to understand concepts of FDI and Business Process Outsourcing.
4. To able to understand trade policies of international trade associations and organisations.

Class: - T.Y.B.A. (Sem. VI)

Paper Name: -ECONOMICS OF AGRICULTURE AND COOPERATION: PAPER XV

On completion of the course, students are able to

1. To able to understand Meaning and features of Co-operation
2. To able to understand Co-Operative Finance in India.
3. To able to understand role and types of Agro-Industriesin India
4. To able to understand importance of co-operative Organizations in India

Class: - T.Y.B.A. (Sem. VI)

Paper Name: -DEVELOPMENT THEORY AND EXPERIENCE: PAPER XVII

On completion of the course, students are able to

1. To able to understand demographic concepts like birth rate, death rates.
2. To able to understand different models of structural transformation.
3. To able to understand role of Agriculture in Economic Development
4. To able to understand economic models of environmental issues.

Class: - T.Y.B.Com (Sem. VI)

Paper Name: -Business Economics - V Macro Economic Aspects of India

On completion of the course, students are able to

1. To able to understand Overview of New Economic Policy-1991
2. To able to understand Agricultural pricing and agricultural finance
3. To able to understand The Industry And Service Sector During Post Reform Period
4. To able to understand Money Market and Capital market.

Class: - T.Y.B.Com (Sem. VI)

Paper Name: -Business Economics-VI International Economics

On completion of the course, students are able to

1. To able to understand different Theories of International Trade
2. To able to understand Tariff And Non Tariff Barriers
3. To able to understand concepts of Balance of payments and International Economic Organization
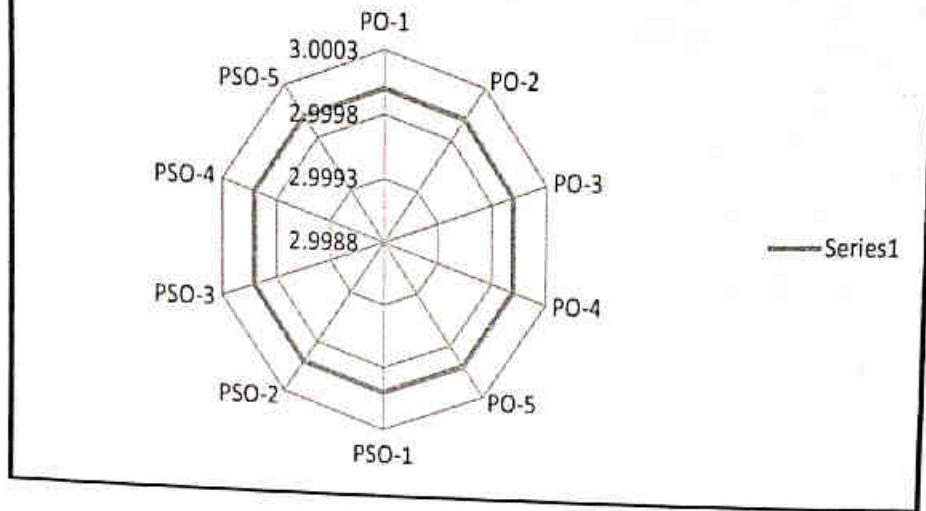4. To able to understand Foreign Exchange market

CO Attainment:

Paper No	Course Name	CO attainment score	Level	Status
Paper VII	Micro Economics	3	Excellent	Attained
Paper VIII	Research Methodology	3	Excellent	Attained
Paper IX	History of Economics Development	3	Excellent	Attained
Paper X	Economics of Development	3	Excellent	Attained
Paper XI	Economics of Agriculture and Cooperation	3	Excellent	Attained
Paper XII	Environmental Economics	3	Excellent	Attained
Paper XIII	Macro Economics	3	Excellent	Attained
Paper XIV	Research Methodology	3	Excellent	Attained
Paper XV	International Trade Policy and Practice	3	Excellent	Attained
Paper XVI	International Economics	3	Excellent	Attained
Paper XVII	Economics of Agriculture and Cooperation	3	Excellent	Attained
Paper XVII	Development Theory and Experience	3	Excellent	Attained

PO Attainment

PO/PSO	Outcome Value (2021-22)	Level	Attainment
PO1	3	Excellent	Attained
PO2	3	Excellent	Attained
PO3	3	Excellent	Attained
PO4	3	Excellent	Attained
PO5	3	Excellent	Attained
PSO1	3	Excellent	Attained
PSO2	3	Excellent	Attained
PSO3	3	Excellent	Attained
PSO4	3	Excellent	Attained
PSO5	3	Excellent	Attained

PO, PSO Attainment Chart

Radar chart titled "PO, PSO Attainment Chart" with axes PO-1, PO-2, PO-3, PO-4, PO-5, PSO-1, PSO-2, PSO-3, PSO-4, PSO-5 and scale values 3.0003, 2.9998, 2.9993, 2.9988. Legend: Series1

Remedial Actions Taken: Nil

Principal
A.M.A.& N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri

Name of the Programme: M.Com. - Master of Commerce
Name of Department: Commerce

Program Outcomes (POs)

1. Enrich knowledge with new ideas and techniques essential for business and management.
2. Acquire mastery over specific skills in business.
3. Acquire capability to acquire and handle any position in business.
4. Develop analytical interpretative and presentation skill regarding research in commerce and management.
5. Acquaintance with recent trends in commerce and management.

Program Specific Outcomes (PSOs)

1. Advanced Financial Accounting

1. To develop knowledge of Foreign Currency Conversion.
2. To understand the Statutory Requirements for final Accounts Banking Companies.
3. To understand the Statutory Requirements for final Accounts of Insurance Companies final Accounts.
4. To understand the Statutory Requirements for final Accounts of Co-operative Societies.

2. Advanced Cost Accounting

1. To inculcate knowledge of Process Costing.
2. To develop the knowledge of Cost Allocation and Activity Based Costing Systems.
3. To understand Responsibility Accounting
4. To understand the Strategic Cost Management

3. Financial Services

1. To develop the knowledge of Financial Services and Merchant Banking.
2. To understand concept Venture Capital and Securitization.
3. To understand Hire Purchase Finance and Housing Finance
4. To understand Stock Broking and Depository Services.

Sem. IV

1. Corporate Financial Accounting

1. To develop knowledge of Corporate Financial Reporting.
2. To understand the International Financial Reporting Standards and Indian Accounting Standard.
3. To understand the Valuation of Business for Amalgamation & Merger.
4. To develop the knowledge of Consolidated Financial Statement.

2. Financial Management

1. To develop knowledge of types of Financing.
2. To understand investment decisions of capital Budgeting.
3. To understand Management of Working Capital.
4. To develop the knowledge of Financial Planning.
5. To understand Financial Policy and Corporate Strategy.

3. Personal Financial Planning

1. Understanding Personal Finance.
2. To understand the concept of Risk Analysis & Insurance Planning
3. To develop the knowledge about Retirement Planning & Employees Benefits.
4. Understand Personal Investment Planning.

CO Attainment:

CourseNo	Course Name	CO attainment score	Level	Status
Course-I	Advanced Financial Accounting	2.6	Excellent	Attained
Course-II	Advanced Cost Accounting	3	Excellent	Attained
Course-III	Financial Services	3	Excellent	Attained
Course-IV	Corporate Financial Accounting	2.6	Excellent	Attained
Course-V	Financial Management	3	Excellent	Attained
Course-VI	Personal Financial Planning	3	Excellent	Attained

PO, PSO Attainment

PO/PSO	Outcome Value (2021-22)	Level	Attainment
PO1	2.83	Excellent	Attained
PO2	2.86	Excellent	Attained
PO3	2.85	Excellent	Attained
PO4	2.83	Excellent	Attained
PO5	2.84	Excellent	Attained
PSO1	2.84	Excellent	Attained
PSO2	2.83	Excellent	Attained
PSO3	2.84	Excellent	Attained
PSO4	2.85	Excellent	Attained
PSO5	2.85	Excellent	Attained

PO and PSO Attainment Chart
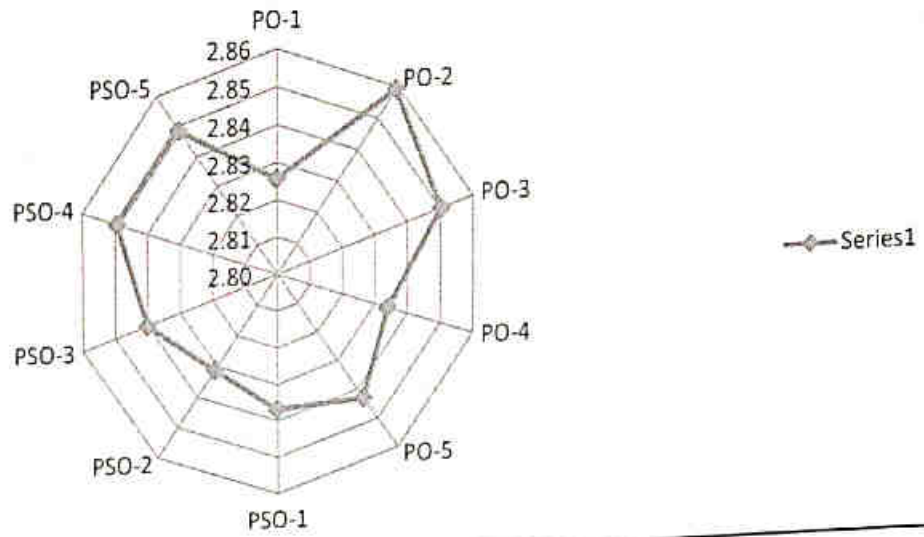
Remedial Actions Taken: Nil

Principal
A.M.A.& N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri.

Name of the Programme: B.A.
Name of Department: Geography

CO, PSO and PO:

Programme Outcome (Bachelor of Arts)

PO 1	The Bachelor of Arts programme aims to create an interest for the languages, social sciences and humanities amongst students.
PO 2	The degree of Bachelor of Arts will encourage first generation learners and impoverished class students to aspire for higher education.
PO 3	Learning and Higher Education is brought within the means of the students who desire for a graduate degree.
PO 4	Languages and social sciences provide a better insight to life. The Bachelor of Arts programme will create awareness about the same amongst the students.
PO 5	Upon completion of this programme, students will stand eligible for postgraduate programmes in Law, Education, Languages, Social Sciences, Social Services and a multitude of other programmes, thereby adding to the educated and skilled work-force of the society.

Programme Specific Outcome (B. A. Geography)

PSO 1	To understand, coherently and effectively about various genres of Geography.
PSO 2	To understanding the diverse concepts in the field of Geography.
PSO 3	To understand global and regional patterns of cultural, political and economic institutions, and their effects on exploitation of natural resources and landscapes.
PSO 4	To understand the need for protection and conservation of natural resources.
PSO 5	To develop basic skills in practical Geography and its industrial applications.

Course Outcome Semester- V

Geography of Settlements Paper IV UAGEO 501

CO 1	Understand the nature and scope of Settlement Geography and the characteristics of rural and urban settlements
CO 2	Understand the structure of house and building materials, regional variations of rural settlement in India.
CO 3	Understand the history of world settlements and factors rePSOnsible for world Settlements
CO 4	Understand the classification and morphology, pattern and nature and process of rural and urban settlements
CO 5	Understand the process of urbanization, urban problems and smart cities in India.

Geography of Maharashtra Paper- V UAGEO 502

CO 1	Understand the location, administrative setup and geographical personality of Maharashtra
CO 2	Understand the drainage and climate in Maharashtra
CO 3	Understand the natural and human resources of Maharashtra
CO 4	Understand the agriculture, fishing and livestock resources in Maharashtra.

CO 5	Understand the growth and development of industries, trade and transport in Maharashtra

Tools and Techniques in Geography for Spatial Analysis-I (Practical) Paper- **VI UAGEO 503**

CO 1	Understand the basic concept and types map projections.
CO 2	Understand the Basic elements of map and able to area calculation.
CO 3	Able to read and interpret topographic maps.
CO 4	Able to use the computer with basic Microsoft and SPSS software.
CO 5	Able to prepare the thematic maps by using different techniques

Regional Planning and Development Paper- VII UAGEO 504

CO 1	Understand the concept, nature and problems of Regional Planning
CO 2	Gain knowledge about definition of region, evolution and types of regional planning.
CO 3	Understand the concept, strategies and measurements of regional disparities and different models of regional development.
CO 4	Understand the regional planning of India.

Geography of Resources Paper- VIII UAGEO 505

CO 1	Understand the concept, factors, importance and classification of resources.
CO 2	Know the over exploitation and conservation measures of natural resources.
CO 3	Learn the importance, consumption, problems and Conservation methods of water, forest, soil and mineral resources.
CO 4	Understand the concept and distribution of human resources.

Geospatial Technology (Practical) Paper- IX UAGEO 506

CO 1	Understand the Concept, Components Importance and history of Geospatial Technology
CO 2	Able to analyze and interpret the aerial photographs and satellite imageries.
CO 3	Able to understand the concept and Applications GPS and capable to survey through GPS.
CO 4	Understand the concept, Components and applications of GIS and capable to data analysis by using the GIS software

Course Outcome Semester- V

Environmental Geography Paper- IV UAGEO 601

CO 1	Understand the nature, scope, importance and man-environment relationship in Environmental Geography
CO 2	Understand the Structure, functions and types of ecosystem.
CO 3	Acquire knowledge about biodiversity and its importance and Management.
CO 4	Understand the concept, types, distribution and hotPSOts of biodiversity
CO 5	Understand environmental problems there Cause, Effect and Remedies.
CO 6	Understand the Sustainable Development and Environmental Management methods in India.

Geography of Tourism and Recreation Paper- V UAGEO 602

CO 1	Understand about nature, scope, development and factors of tourism development.
CO 2	Understand about infrastructure and ancillary services for tourism.
CO 3	They understand the types and impacts of tourism.
CO 4	Understand Planning and organization about tourism
CO 5	Understand the potential of tourism sectors in Maharashtra and India

Tools and Techniques in Geography for Spatial Analysis-II (Practical) Paper- VI UAGEO 603
CO 1	Understand the Meaning and types of data and its presentation.
CO 2	Understand and able to solve the examples of measures of central tendency, dispersion and deviation and correlation, regression and hypothesis testing.
CO 3	Able to collect and analyze data sampling.
CO 4	Able to collect the field data, its processing and writing of research reports.

Economic Geography Paper- VII UAGEO 604
CO 1	Understand the nature, scope branches and approaches of Economic Geography.
CO 2	Know human economic activities.
CO 3	Understand the mineral resources and industrial development.
CO 4	Understand Weber's industrial location theory.
CO 5	Understand the importance and pattern of tranPSOrt and international trade.
CO 6	Understand the levels of economic development, Special Economic Zones and related issues in India

Biogeography Paper- VIII UAGEO 605
CO 1	Understand the nature, scope, branches and approaches of Biogeography.
CO 2	Understand the ecosystem and biosphere.
CO 3	Understand the community and classification of plants.
CO 4	Understand the marine biogeography
CO 5	Understand the types, importance, loss and conservation of biodiversity.

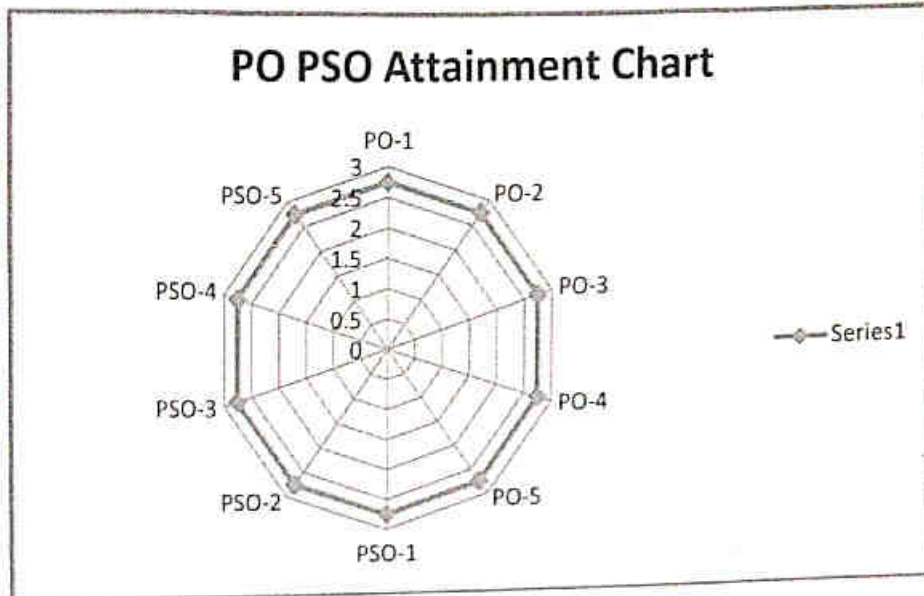	**Research Methodology in Geography (Practical) Paper- IX UAGEO 606**
CO 1	Students will be able to understand the concept, types and stages in the research methodology, formulation of research and research design.
CO 2	Students will know methods of data collection and its processing and role of the internet in research.
CO 3	Students will be able to prepare the hypothesis and also be able to do the hypothesis testing by using computer and statistical techniques.
CO 4	Students will be able to spatial and non-spatial data analysis in GIS software's and be competent for research writing.
CO 5	Students will be able to prepare the research report on any one theme in Physical Geography or Human Geography

CO Attainment:

CourseNo	Course Name	CO attainment score	Level	Status
Course-I	Geography of Settlements UAGEO501	3	Excellent	Attained
Course-II	Geography of Maharashtra UAGEO 502	3	Excellent	Attained
Course-III	Tools & Techniques in Geography for Spatial Analysis - I (Practical) UAGEO 503	3	Excellent	Attained
Course-IV	Regional Planning & Development UAGEO 504	3	Excellent	Attained
Course-V	Geography of Resources UAGEO 505	3	Excellent	Attained
Course-VI	Geospatial Technology (Practical) UAGEO 506	3	Excellent	Attained
Course-VII	Environmental Geography UAGEO 601	3	Excellent	Attained
Course-VIII	Geography of Tourism & Recreation UAGEO 602	3	Excellent	Attained
Course-IX	Tools & Techniques in Geography for Spatial Analysis -II (Practical) UAGEO 603	3	Excellent	Attained
Course-X	Economic Geography UAGEO 604	3	Excellent	Attained
Course-XI	Biogeography UAGEO 605	1	Good	Attained
Course-XII	Research Methodology in Geography UAGEO 606	3	Excellent	Attained

PO, PSO Attainment

PO/PSO	Outcome Value (2021-22)	Level	Attainment
PO1	2.75	Very Good	Attained
PO2	2.75	Very Good	Attained
PO3	2.75	Very Good	Attained
PO4	2.75	Very Good	Attained
PO5	2.75	Very Good	Attained
PSO1	2.75	Very Good	Attained
PSO2	2.75	Very Good	Attained
PSO3	2.75	Very Good	Attained
PSO4	2.75	Very Good	Attained
PSO5	2.75	Very Good	Attained

PO PSO Attainment Chart

Remedial Actions Taken: Nil

Principal
A.M.A.& N.C.S.College
Rajapur,(V.Gothne)Dist.Ratnagiri