

B.Sc

| Department | Class/Semester/Paper | Course Outcome |
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| Chemistry | F.Y.B.Sc | 1)Develop an ability to use conceptual and mathematical tools to express and predict atomic and molecular behavior |
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| | S.Y.B.Sc | 1) Review the concept of isomers and discuss the isomer which results from free rotation of C-C single bond, from a chirality, from restricted rotation, R, S and E, Z |
| | T.Y.B.Sc | 1)Perform organic synthesis and follow the progress of the reaction by using TLC technique. |
| Zoology | F.Y.B.Sc | 1)Understand the concept vital staining , distinguishing points between nuclear stain and cytoplasmic stain. |
| | S.Y.B.Sc | 2)Information and skill of advanced biological techniques for experimental purpose. |
| Botany | F.Y.B.Sc | 1)Gain thorough knowledge about various plant groups from primitive to highly evolved plants |
| | | 2)Understand the role plants in human welfare. |
| | S.Y.B.Sc | 1)explain Biodiversity, climate change and plant pathology. |
| | | 2)Determine Botanical Nomenclature of angiosperm plants. |
| Physics | F.Y.B.Sc | 1)To understand the elastic properties of matter and expression of bending beam with its application as a cantilever. |
| | | 2)Learner will understand basic theorems and concepts of basic physics. |
| | S.Y.B.Sc | 1)To understand Complex number (Addition, Subtraction, Multiplication, Division, Complex conjugate) and Exponential form of complex number. |
| Mathematics | F.Y.B.Sc | 1)Students will be able to set up and solve linear systems/linear inequalities graphically/geometrically |

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| | | and algebraically (using matrices). |
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| | S.Y.B.Sc | 1)construct examples of, and explore properties of groups, including symmetry groups, permutation groups and cyclic groups. |
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B.Sc.(Computer Science)

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| Computer Science | SEM 1& 2 | 1)The purpose of the course is to familiarize the prospective learners with mathematical structures that are familiarize the prospective learners with mathematical structures that are fundamentally discrete. |
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| | SEM 3& 4 | 1)Learners must understand proper working of operating system. |
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| | SEM 5&6 | 2)To explore different type of Java technologi |
| | | 3)To understand the basics of computer security |

M.Sc

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| Organic chemistry | M.Sc -1 | 1)Basic understanding of good laboratory practices, safety in the laboratory and Quality assurance |
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| | M.Sc-2 | 1)The learners should be able to: Apply principles of separation and isolation techniques in organic reactions. Analyze NMR, IR and Mass spectra of organic compounds |
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B.A

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| Economics | F.Y.B.A | 1)Explain poverty and unemployment as economic problems in the India and maharashtra. |
| | | 2)Interpret demographic features of the Indian economy and Environment |
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| | S.Y.B.A | 1)Analyse process of production in economy, laws and variables related to the production function. |
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| | T.Y.B.A | 1)Describe concepts of Development and Growth of economies. |
| | | 2)Describe characteristics of developed or developing economies |
| | | 3)Assess trade policy and concepts related to trade policy like quotas tariffs and exchange rates. |

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| English | F.Y.B.A | 1)Compare and contrast character within prose and poetry. |
| | | 2)Use correct English grammar in writing and speaking |
| | | 3)Detect and categorize various types of literature. |
| | S.Y.B.A | 1)Communicate in grammatically correct language in everyday conversation. |
| | | 2) Write letters, essays and reports. |
| | T.Y.B.A | 1)Differentiate between the declarative, interrogative and imperative sentences. |
| | | 2) Communicate in grammatically correct English. |

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| Politics | F.Y.B.A | 1)Conscious of the various features of Indian Constitution |
| | | 2) Acquainted with the structure of Central and State Governments and other government bodies. |
| | S.Y.B.A | 1) familiar with basic concepts, Ideas and Theories of Politics |
| | | 2) Discuss between Modern and Traditional Political Theories |
| | T.Y.B.A | 1)Familiar with the vitality of administration in Welfare State and concepts of Good Governance, E-governance. |
| | | 2)Explain administrative accountability, Legislature & Judicial Control over Public Administration. |

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| History | F.Y.B.A | 1)They take interest to visit historical place in relevance to ancient India |
| | | Like caves, Temple, Art Architecture |
| | | 2)Increase Awareness about Historical Heritag |
| | S.Y.B.A | 1)understand the regional history within broad national framework |
| | | 2) understand institutional experiments in socio-religious reformism |

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| | T.Y.B.A | 1)able to analyses and evaluate of historical information from multiple sources. |
| | | 2) gain the knowledge of regional history within broad national frame work. |

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| Geography | F.Y.B.A | 1)Identify different Materials of the earth crust, rock types, types of weathering, mass movements and types of slope |
| | | 2)identify the spatial patterns and forms of settlement |
| | | 3) Analyzed the process of urbanization. |
| | S.Y.B.A | 1)Describe skill of planning for the economic development and its management. |
| | | 2) Describe skill of industrial, agricultural transport and tradeactivities. |
| | T.Y.B.A | 1)Evaluate population growth and distribution in India. |
| | | 2) Evaluate regional development in terms of infrastructure, industries and agriculture. |

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| मराठी | प्रथम वर्ष कला | मराठी भाषेचा कार्यालयीन, व्यावसायिक कामकाजात उपयोजन व भाषा व्यवहारासाठी आवश्यक लेखन कौशल्याचे संपादन व उपयोजन करतो. |
| | द्वितीय वर्ष कला | साहित्याचा सूक्ष्म पातळीवर अभ्यास करण्याची क्षमता विकसित करून पदव्युत्तर अभ्यास करण्याची पूर्वतयारी करून घेतो. |
| | तृतीय वर्ष कला | साहित्याची आस्वादप्रक्रिया ,अभिरूची ,संकल्पना आणि वाडमयीन मूल्ये रूजव |

