Cri. II: P.O. & P.S.O.

PROGRAM	Program Outcomes (POs)	Program Specific Outcomes (PSOs)
DEPARTMENT OF MARATHI		
B.A.	P.O.1 मातृभाषेचेज्ञानअवगतकरुनसाहित्य, नाट्य, कलाभिनय, चित्रपट, दूरदर्शन या माध्यमातून स्वकार्यरत होणे. P.O.2 मातृभाषेतील साहित्यिकांचा परिचय करुन घेऊन साहित्या विषयी माहितीमिळविणे. P.O.3 व्यवहारिकजीवनातमराठीभाषेचउपयोगकरुन भाषा समृद्धीसाठी प्रयत्न करणे.	P.S.O.1. एक सुजान नागरीक म्हणून समाजात मराठी संस्कृतीचा सन्मान करुन वागणे. P.S.O. 2 स्वत:च्या कलागुणांचा सर्वांगिण विकास करुन लेखनकौशल्यप्राप्तकरणे. P.S.O. 3 मराठी भाषेचा सर्वक्षेत्रांमध्ये वापर करण्याचा प्रयत्न करणे.
DEPARTMENT OF HINDI		
B.A	PO –1 हिंदीसाहित्यकापरिचयहुआ| PO –2 हिंदीलेखकोंकेबारेमेंजानकारीमिली| PO –3 हिंदीभाषाकाप्रचार-प्रसारहुआ|	PSO - 1 छात्रहिंदीभाषामेंबोलनेलगे| PSO - 2 छात्रहिंदीभाषामेंकाव्यलिखनेलगे| PSO - 3 छात्रहिंदीभाषामेंअपनेविचारव्यक्तकरनेलगे|
M.A	PO -1 पठन, लेखनकौशल्यकाविकासहुआ| PO -2 व्याकरण, निबंधकेसंदर्भमेंरुचिबढी| PO -3 शोधकार्यकेप्रतिरुचिपैदाहुई|	PSO - 1 विद्यार्थीहिंदीसाहित्यपढनेलगे| PSO - 2 विद्यार्थीयोंमेंसाहित्यसृजनकीक्षमताबढी| PSO - 3 विद्यार्थीस्वयम्काव्य, निबंधलिखनेलगे|
DEPARTMENT OF ENGLISH		
B.A	PO-1. Critically and analytically read works of literature produced in many different cultures and historical periods. PO-2. Students should be familiar with representative literary and cultural texts.	PSO-1. Examine various literary techniques that writers use in constructing their texts, and demonstrate an understanding of these techniques. PSO-2. Understanding significant cultural and societal issues presented in literature.

M.A	PO-1. Students will demonstrate critical and analytical skills in the interpretation and evaluation of literary texts. PO-2. Demonstrate knowledge of literary terms, major periods, authors, genres, and theories. PO-3. Demonstrate knowledge of "best practices" regarding research, writing, teaching, and the academic profession of literary studies.	PSO-1. Write clearly and effectively in a variety of forms, adapting writing and analytical skills to all situations. PSO-2. Identify and evaluate appropriate research sources, incorporating the sources into documented academic writing, and formulate original arguments in response to those sources. PSO-3. Recognize and write in accordance with a standardized system (such as MLA) for formatting research papers and citing resources.
DEPARTMENT OF ECONOMICS		
B.A	PO-1. Understand the structure and basic knowledge of micro level economics . PO-2. Understand the economist Theories. PO-3. Understand the economical conditions of developing countries.	PSO-1. Students will gain knowledge from various branches of Economics. PSO-2. The foundation laid by this program will equip the students learner prepare themselves for various competitive examinations such as NET,SET,Bank recruitment , MPSC, UPSC etc. PSO-3. Prepare the learner about the research technique equipments.
M.A	PO-1. Demonstrate knowledge of Economic Subject PO-2. Understand the Learners statistical and mathematical method. PO-3. Growing knowledge of development of Indian economy and other developing countries.	PSO-1. Learner aware about various problems regional and state economy PSO-2. Student will gain knowledge and prepare the various responsibilities of various sector. PSO-3. To Encourage the learner to research on field. PSO-4. Growth of knowledge of learners for the worldwise Theories of economist.
DEPARTMENT OF GEOGRAPHY		
B.A	PO1. Understand the structure, composition of different spheres of the earth and atmosphere PO2. Understand the importance of ocean, river and water and find the way of conservation	PSO1. Students will gain knowledge from various branches of Geography PSO2. The foundation laid by this program will equip the students to prepare themselves for various competitive examinations like NET, SET, MPSC,

		UPSC etc PSO 3. Students can pursue their postgraduate studies like M.A., M.Sc. in eoinformatic etc. PSO 4..Serve in cartographer in map making divisions of Government PSO 5.Serve as conservator in forest, Soil, Agri, Departments. PSO 6.Work in disaster and water resources management.
DEPARTMENT OF PSYCHOLOGY:		
B.A.	PO-1:Demonstrate knowledge of psychological science PO-2:Think critically and solve problems PO-3:Conduct research and analyse data PO -4: Communicate effectively PO-5:Understand and implement ethical principles in research PO-6:Apply psychological knowledge and skill	PSO-1: Convey key concepts and theoretical perspectives from psychological science PSO-2: Describe biological, and social underpinnings of typical and atypical behaviour and mental processes PSO-3: Identify historical trends, latest advances, and the limits of psychological knowledge PSO-4: Assess and critically evaluate information, ideas, and assumptions from variety of perspectives. PSO-5: Use relevant sources of scientific knowledge to identify, frame and generate novel solutions to problems. PSO-6: Contribute to knowledge and problem solving using integrative and creative approaches. PSO-7: Understand the pros and cons of different research methods. PSO-8: Generate research questions and implement appropriate research methods to answer them. PSO-9: Draw appropriate inferences from obtained findings. PSO-10: Identify and apply appropriate quantitate and/ or qualitative data analysis techniques. PSO-11: Inform oneself with software to analyse data. PSO-12: Communicate research findings effectively using figures, graphs, and tables, write correct, clear,

		concise, and convincing research reports and papers adopting APA style. PSO-13: Communicate psychological knowledge confidently. PSO-14: Use psychological principles to generate solutions to personal, social, organizational, and social problems.
DEPARTMENT OF COMMERCE :		
B.Com.	PO-1: The students undergoing this program will get exposure to practically every single industry in all the sectors providing gainful employment viz., primary, secondary and tertiary i.e. agriculture, industry and service sector. PO-2: The wide spectrum of courses will galvanize the personality of students professionally and personally in such a manner that will they can take up multi-dimensional and dynamic local and global challenges confidently. PO -3: The program has adopted holistic approach. The students will gain in-depth knowledge of career oriented courses and the value based courses will expose them to basic human values and communication skills that will groom them as through professionals with a sound head and a civilized human being with a gentle and receptive mind.	PSO – 1: The students will gain knowledge about various techniques of accounting, costing and financial management that will enable to prepare, analyse and execute various financial statements relevant to various institutions. PSO – 2: Students will learn finer aspects of accounting career skills that they can effectively implement at their place of work. PSO – 3: Students will gain knowledge from various branches of accounting, finance commerce, management, law, economics and marketing. PSO – 6: The foundation laid by this program will equip the students to prepare themselves for various competitive examinations. PSO–7: Students can pursue their postgraduate studies like M.Com, MBA, CA, CS, ICWA etc. PSO – 8: Students can contribute to their family business by restructuring their traditional managed business or else they also have the choice of becoming first generation entrepreneur.
B.I.	PO-1. Acquire employability skills through practical awareness in Banking & Insurance field. PO-2. Acquire knowledge and skills in the field of Banking & Insurance sector PO-3. Get prepared to become as Bank clerk, Probationary	PSO-1. To have basic institutional and practical knowledge supported by text books including up to date information in the field of Banking & Insurance. PSO-2. To have knowledge of financial analysis of banking & Insurance companies,, Financial Market, Financial

	Officer, Insurance Advisor and Financial Advisor also.	problems. PSO-3. To express their opinions about Banking & Insurance in written & oral form,, based on the basic knowledge and skills they acquire.
SMART	PO-1. Understand the roles and responsibilities of the Sales Managers PO-2. Manage and enhance the sales force productivity and performance PO-3. Plan and implement an effective sales strategy for their organizations. PO-4. Design and implement distribution channel strategy. PO-5. Manage the Channels efficiency and effectiveness; wholesaling, and retailing PO-6. Conduct an in-depth retailer analysis. PO-7. Formulate retail marketing strategies. PO-8. Apply retail management concepts and practices to real world situations	PSO-1. Identify different retailing formats. PSO-2. Analyze consumer evaluations of retail offerings. PSO-3. Manage the Channels efficiency and effectiveness; wholesaling, and retailing PSO-4. Formulate distribution channel strategy. PSO-5. Apply retail management concepts and practices to real world situations
M.Com.	PO-1. Make a foundation to pursue career in teaching and professional studies. PO-2. Apply research technique for decision making. PO-3. Acquire the knowledge of Commerce, Management, Business Fundamentals in their domain area.	PSO-1. It provide vertical upgradation for students completing B. Com. PSO-2. It open avenues of employments to students especially introduced to choose teaching as their profession. PSO-3. It is preconditioning for students desirous to persue their doctoral program (Ph.D.). PSO-4. Students will gain deeper knowledge of the concepts they leaves at undergraduate level.

DEPARTMENT OF BOTNAY

B.Sc.	PO-1: Students get knowledge and understanding of plant diversity, its evaluation and role of plants. PO-2: Students will learn to carry out practical work, plant identification and also do analysis in vegetation and physiochemical using biostatistics. PO-3: Lifelong learning in the broadest context of technological change. PO-4: Apply reasoning informed by the contextual knowledge to assess plant diversity, its importance for society, health, safety, legal and environmental issues and the consequent responsibilities relevant to the biodiversity conservation practice	PSO-1: Understand the environment and basic concept of taxonomy, cell biology, genetics, ecology, Physiology and Medicinal Botany PSO-2: Determine economic & medicinal plant in agriculture and medicine. PSO-3: Anlysise the relationship between plants and microbes. PSO-4: Understand the biology of diversity of seed plants or phanerogames. PSO-5: Understand the behaviors of fossils and gymnospermic plants. PSO-6: Understand the plant disease, chemical properties and evolutionary relationship among taxonomic groups. PSO-7: instrumentation in the syllabus helpful to understand different tools and techniques essential for viewing the microscopic structures, separation of compounds. PSO-8: Plant tissue culture and molecular biology topics in the syllabus will able to make students skilfull to perform the breeding procedures in plants.
M.Sc.	PO-1: PG programme in botany helpful to enrich the knowledge of students regarding concept of plant diversity, reasons to loss of biodiversity and how to overcome to it. PO-2: understand the origin of different plant groups such as algae, fungi,bryophytes, pteridophyte, gymnosperm and angiosperms. PO-3: Plant physiology helpful to understand metabolic changes in plants under stressed conditions. PO-4: PG course is also helpful to students to aware themselves the environmental issues like global warming, land sliding, decline in forest cover.	PSO-1: plant identification knowledge and technique helpful to explore complete flora of western ghats. PSO-2: knowledge regarding endangered plants helpful to create awareness to conserve them. PSO-3: Biodiversity of region and importance of its conservation. PSO-4: students will learn preparation of synopsis, project proposal writing, research articles.
DEPARTMENT OF CHEMISTRY :		

B.Sc	After completion of chemistry programme the students are expected to be familiar with PO-1: All the elements, their properties and applications. PO-2: Methods of extraction of metal from its ore. PO-2: Structure, bonding, properties and preparations of organic and inorganic compounds. PO-3: Nomenclature of inorganic complexes and organic compounds. PO-4: Stereochemical aspects of organic compounds. PO-5: The methods, techniques, procedures and protocols that may be used in the course of given problem of analysis. PO-6: The study of kinetics of chemical reactions. PO-7: Ability to understand basic concept of thermodynamics.	PSO-1: Students update their knowledge of chemistry as per the prescribed curriculum. PSO-2: They are exposed to new instrumental techniques in tuned with recent advances and sophistication of instrument. PSO-3: This achieved skill provides them good opportunities for industrial (Pharmaceuticals, Dyes, Heavy and Fine Chemicals, Polymers etc.) placement, PSO-4: The learners can turn out to be most potential academician for future. They learn leadership qualities and research updates via viva seminar, workshops and symposium. PSO-5: They can become good entrepreneur based on their chemistry knowledge. Base on their potential, they can become good corporate candidate and shape their future carrier
M.Sc	PO-1: To develop analytical skills abilities towards pharmaceutical, fine chemical, agrochemicals, Cosmetic Industry. PO-2: To familiarize with current and recent scientific and technological world. PO-3: A thorough quantitative and conceptual understanding of the core areas of anyltical chemistry	PSO-1. After the completion of the course, our learners successfully grab the opportunities in various fields of industrial sectors specially in the fields of fine chemicals, polymer, pharmaceuticals, agrochemicals, dyes & pigment. PSO-2. After the completion of the course, students will able to get thorough knowledge about the research area in the various fields of chemistry and other interdisciplinary areas. PSO-3. After the completion of the course, students will take opportunities in various fields like different industries,banking and Government sectors.
DEPARTMENT OF PHYSICS		
B.Sc	PO-1: To develop analytical abilities towards real world problems PO-2: To familiarize with current and recent scientific and technological developments.	PSO-1: After completion of course our students will be able to analyze and interpret quantitative results, both in the core areas of physics and interdisciplinary areas. These skills will help them to grab opportunities in various fields like different industries,banking and Government sectors.

	PO-3: A thorough quantitative and conceptual understanding of the core areas of physics, including mechanics, thermodynamics, quantum mechanics, electronics at a level compatible with graduate programs in physics at peer institutions. PO-4:The ability to analyze and interpret quantitative results, both in the core areas of physics and interdisciplinary areas. PO-5:The ability to use contemporary experimental apparatus and analysis tools to acquire, analyze and interpret scientific data. PO-6: The ability to apply the principles of physics to solve new and unfamiliar problems.	PSO-2:With enhanced logical thinking ability and specific courses (Electronics, communication etc) related knowledge our students are preferred in all three wings of defence. PSO-3: By pursuing higher education in specific branches of physics like nuclear physics, space science, material science, optics, electronics our students can contribute to the society needs from health to comfort.
DEPARTMENT OF ZOOLOGY		
B.Sc.	PO-1:Students get knowledge of animal diversity, and is role in ecosystem. . PO-2: Students gained fundamental knowledge of animal physiology . PO-3: Students understood skill of execute the role of biology teachers and medical lab technician with training PO-4: Students understand the knowledge of genetics and evolution.	PSO-1: Students understood the knowledge of Animal science and interaction with environment and various living organisms PSO-2:. Students understood complex evolutionary process and behaviour of an animal PSO-3: Students understood environmental conservation its importance biodiversity and protection of endangered species . PSO-4: Students understood agro based small scale industries like sericulture , apiculture fish farming, poultry, dairy and vermiculture PSO-5: Students understood area of taxonomy, physiology cell biology genetics clinical science tools and techniques PSO-6: Students understood animal biotechnology , immunology , toxicology and research methodology PSO-7: Students understood he application of biological science in medicine agriculture and allied fields of zoology PSO-8: Students understood various concept of genetics and its importance in human health
M.Sc.	PO1: Students understood systematic position and importance of taxonomic study in biology , morphological studies of phylum protozoa up to	PSO1 Students understood structure and functions of bio molecules like carbohydrates, amino acids, proteins, fats and nucleic acids

	Echinodermata PO2:Students understood different kinds of taxonomic keys and its merits and demerits PO3: Students understood phylogeny salient features and classification up to the classes. PO4: Students understood biotechnology Biostatistics, molecular biology and genetics etc.	PSO2:understood biochemical thermodynamics. PSO 3:Students understood metabolic pathways of bio molecules PSO 4: Students understood regulation of metabolism and concept of homeostasis PSO 5: Students can work as Biological lab. technician. PSO 6: They can work as conversationalist, herpetologist, Zookeeper etc. PSO 7: Students Learners can work for NIO , CIFE, CFTRI,CCMB for research
DEPARTMENT OF INFORMATION TECHNOLOGY)		
B.Sc.	PO-1 A few years after graduation, students with a BS in Information Technology will be able to:: PO-2 Demonstrate ethical behavior as an IT professional and sensitivity to the impact of technology on society PO-3 Collaborate effectively in teams PO-4 Work effectively in the IT field to make a positive contribution to society PO-5 Work as Systems Engineer and System integrator and give Technical Support for various systems.	PSO-1 Be able to apply knowledge of computing and mathematics appropriate to the discipline PSO-2 Be able to analyze a problem, and identify and define the computing requirements appropriate to its solution. PSO-3 Serve as IT Officer in Banks and cooperative society. PSO-4 Serve as Programmer or Software Engineer with sound knowledge of practical and theoretical concepts for developing software. PSO-5 Understand professional, ethical, legal, security and social issues and responsibilities. PSO-6 Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computing based systems. PSO-7 Be able to analyze the local and global impact of computing on individuals, organizations, and society, home automation system. PSO-8 Recognize the need for and an ability to engage in continuing professional development. PSO-9 Be able to use current techniques, skills, and tools necessary for computing practice. PSO-10 Be able to do post-graduation in MSc IT, M.Scs, MBA,MCA,PGDCA for research
DEPARTMENT OF COMPUTER SCIENCE		
B.Sc.	PO-1. Able to draw upon foundational knowledge, learn, adapt and successfully bring to bear analytical and computational approaches on changing societal and technological challenges. PO-2. Problem analysis: Identify, formulate, review research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	PSO-1.Apply algorithmic, mathematical and scientific reasoning to a variety of computational problems. PSO-2.Design, correctly implement and document solutions to significant computational problems. PSO-3.Analyze and compare alternative solutions to computing problems PSO-4. Implement software systems that meet specified design and performance requirements. PSO-5.Work effectively in teams to design and implement solutions to computational problems. PSO-6.Communicate effectively, both orally and in writing. PSO-7.Recognize the social and ethical responsibilities of a professional working in the discipline

	PO-3. Design/development of solutions: Design solutions for complex problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. PO-4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	