

Rayat Shikshan Sanstha's
KARMAVEER BHAURAO PATIL MAHAVIDYALAYA, PANDHARPUR
(Autonomous)
Department of Chemistry
Programme Outcomes (POs)

Programme Name	PSOs	Programme Specific Outcomes
B.Sc.-Chemistry	PSOs 1	Utilize the knowledge of chemistry for the safety of individual and society
	PSOs 2	Understanding the need of modern tools in chemical sciences
	PSOs 3	Construct the structure of Chemical compound with the help of spectroscopic data
	PSOs 4	Develop the instrumental handling skills useful in industry
	PSOs 5	Apply the knowledge of chemistry in job oriented opportunities
	PSOs 6	Improve the knowledge in chemical sciences
	PSOs 7	Apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories and industries.

Programme Name	POs	Programme Outcomes
M.Sc. -	POs 1	Understand and demonstrate the major concepts in all disciplines of chemistry
	POs 2	Understand basic Knowledge of sophisticated analytical instrument.
	POs 3	Develop the impact of chemistry outside the scientific community as well as society
	POs 4	Analyze the result of chemistry experiments
	POs 5	Develop analytical and problem solving skills required in applications of chemicals
	PSOs 1	Understand good laboratory practices and safety
	PSOs 2	Make aware and handle the sophisticated analytical instruments/ equipments
	PSOs 3	Construct the structure of Chemical compound with the help of spectroscopic data
	PSOs 4	Adapt the research oriented skills
	PSOs 5	Apply the knowledge of chemistry in job and carrier oriented opportunities
	PSOs 6	Apply appropriate techniques for the qualitative and quantitative analysis of chemicals in

		laboratories and industries
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Rayat Shikshan Sanstha's
KARMAVEER BHAURAO PATIL MAHAVIDYALAYA, PANDHARPUR

(Autonomous)

Department of B.Sc(ECS)

Programme Specific Outcomes (PSOs)

Programme Name	PSOs	Programme Specific Outcomes
B.Sc(ECS) - I		<i>Student will be able to:</i>
	PSOs 1	Ability to understand, analyze, design, develop and optimize solutions related to computer programming languages.
	PSOs 2	Application of concepts in core areas related to computer programming for efficient design of computer-based systems of varying complexity.
	PSOs 3	Ability to test the technical issues in Software Engineering and deliver a quality product for business success.
	PSOs 4	Ability to think of new approaches for solving problems in different domains.

	PSOs 5	Ability to innovate and develop new technologies.
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P.G. PSOs

English	PSO 1	Acquire jobs in teaching field, corporate sector and translation.
	PSO 2	Evaluate and analyze a work of art esthetically by applying various critical theory.
	PSO 3	Elaborate on different classics in world literature by critically analyzing the texts.
	PSO 4	Experiment with genres of literature by making creative contribution in the form of his own writing.
	PSO 5	Illustrate 21 st century skills that are necessary to be successful at present
	PSO 6	Qualify competitive examinations including NET, SET, MPSC, UPSC etc.
	PSO 7	Discuss literary theories in order to carry out research and come up with concrete findings.
	PSO 8	Improve their comprehension of various recent trends in the field of language and literature.
	PSO 9	Build linguistic and communicative competence
	PSO 10	Formulate their approaches to various theories and isms.

Hindi

4	M.A.I	I	PSO1 7	Increasing the Social awareness from Hindi prose literature.
		II	PSO1 8	Students aware about Language skills. Understood communication process .They Learnt what is structure of Hindi Language.
		III	PSO1 9	Understanding the Official language from prayojanmulak Hindi.
		IV	PSO2 0	Improve the journalism skill from 'patrakarita prashikshan'.
		V	PSO2 1	Improve the social,cultural values from literature.
		VI	PSO2 2	Understanding Hindi linguistic & Hindi Language History. Understand origin, nature and function of language through Linguistic.
		VII	PSO2 3	They knew that Employment in Hindi Language .they understood computer knowledge.
		VIII	PSO2 4	Understanding the History of Hindi Jurnalism .Student apply their knowledge to make advertisement.
5	M.A.II	IX	PSO2 5	Improve ethical values & Social awareness from Hindi Modern poem literature.
		X	PSO2 6	Understanding critical views from Hindi Indian critical literature.
		XI	PSO2 7	Understanding the Hindi Literature from savant 1050 to savant 1700.
		XII	PSO2 8	Increasing social awareness from ancient Hindi literature.
		XIII	PSO2 9	Understanding the crisis of globalization through Hindi Literature.
		XIV	PSO3	Understood Hindi criticism from Western critical literature .

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		XV	PSO3 1	Understanding the Hindi Literature from savant 1700 to Till today.
		XVI	PSO3 2	Increasing social awareness from ancient Hindi literature.

History

Programme Name	PSOs	Programme Specific Outcomes
M.A. in History		<i>Student will be able to:</i>
	PSOs 1	To acquire historical knowledge and skills in different historical events.
	PSOs 2	To create interest of History among the students.
	PSOs 3	To promote local historical research and to prepare the students for their career and life.
	PSOs 4	To motivate the students for research work in the subject.
	PSOs 5	To enable the students to use History as a powerful means of personality development

Programme Name	PSOs	Programme Outcomes
M.A. in Geography		<i>Student will be able to:</i>
	POs 1	Apply knowledge of geography in all the field of learning including higher research and its extension.
	POs 2	Find the knowledge of contemporary issues in the field of geography.

	POs 3	Choose the proper placement in Corporate sector
	POs 4	Familiarizes themselves completely to the demands of the growing field of geography by long life learning.
	POs 5	Work effectively as an individual and also as member of science and multidisciplinary terms.
	POs 6	Select the entrepreneurship through advanced surveying technology.
Programme Name	PSOs	Programme Specific Outcomes
M.A. in Geography		<i>Student will be able to:</i>
	PSOs 1	Find Global level research opportunities to purchase Ph.D program.
	PSOs 2	Invent Enormous job opportunities in GIS sector.
	PSOs 3	Compiles Enormous job opportunities in Meteorological Department, Urban Planner, Cartographer etc.
	PSOs 4	Apply problem solving skill and apply them independently in society.
	PSOs 5	Assimilate complex geographic ideas and

		arguments.
	PSOs 6	Develop own learning and performance.
	PSOs 7	Develop abstract geographical thinking.

Programme Name	PSOs	Programme Specific Outcomes
M. A. Economics		<i>Student will be able to</i>
	PSOs 1	Choose Proper Investment Alternatives from Money Market and Capital Market
	PSOs 2	Plan in the Respective Field
	PSOs 3	Build Co-operative Societies in any Field for Economic Progress
	PSOs 4	Develop the Knowledge about Theories of Economic Growth and Development issues of Business Planning
	PSOs 5	Identify the Problems of Labours Specially Child and Women Labours

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Department of Commerce
Programme Specific Outcomes (PSOs)

Programme Name	PSOs	Programme Specific Outcomes
B.Com		<i>Student will be able to:</i>
	PSOs 1	understand basic principles of business management understanding the thoughts of management thinkers and their contribution in development of management with various functions performed by the management to achieve an objectives of business enterprise.
	PSOs 2	understand basic principles of insurance and practices and skills of life insurance and general insurance with the role of LIC in GIC.
	PSOs 3	Understand the marketing principles and practices both for goods and services including recent era in marketing and significance and process of marketing research.
	PSOs 4	understand concept and recent trends in entrepreneurship and understanding of basic skills required in preparation of project report, skill required to become successful entrepreneurs.
	PSOs 5	understand Indian banking system, practices, functions and financial markets in India.
	PSOs 6	understand the entire accounting process of sole proprietor partnership firm cooperative societies banking company and company form of business organization with principles, rules, laws specially banking company act 1949 and company act 2013.
	PSOs 7	understand the basic principles of cost accounting particularly elements of cost and understanding the skill and techniques required for cost accounting process.
	PSOs 8	Understand the different areas of management as a part of industrial management and skills in inventory management and to improve the productivity.
	PSOs 9	understand life insurance and general Insurance practices in India particularly types of policies and settlements of claims.

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Programme Name	PSOs	Programme Specific Outcomes
M.Com.		<i>Student will be able to:</i>
	PSOs 1	understand individual and group behavior, management theories, thoughts and different approaches of leadership in the management.
	PSOs 2	understanding of students for skill for recording of cost accounting specially elements of cost its controlling techniques and ascertaining the cost per unit and total cost of production.
	PSOs 3	understand the significance and functions various management particularly Human Resources Management, Financial Management, Production Management and Marketing management.
	PSOs 4	An understanding of research procedure followed for solving the different managerial problems.
	PSOs 5	An understanding the financial planning sources of finance and new dimensions of business finance with focus on stock exchange, marketing of securities and foreign capital.
	PSOs 6	understand application of management accounting in decision making process.

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Department of Physics
Programme Specific Outcomes (PSOs)

Programme Name	PSOs	Programme Specific Outcomes
B.Sc. in Physics		<i>Students will be able to:</i>
	PSO 1	develop practical, analytical and mathematical skills in Physics with comprehensive knowledge and sound understanding
	PSO 2	impart quality education in physics to the youth for his sustenance in today's modern competitive world.
	PSO 3	adapt research culture and education, generating the knowledge and the technologies in the fields of physical sciences.
	PSO 4	acquire job efficiently in diverse fields such as Science and Engineering , Education, Banking, Public services, Business etc.

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E.C.S.-I

Programme Name	PSOs	Programme Specific Outcomes
B.Sc(ECS) - I		<i>Student will be able to:</i>
	PSOs 1	Ability to understand, analyze, design, develop and optimize solutions related to computer programming languages.
	PSOs 2	Application of concepts in core areas related to computer programming for efficient design of computer-based systems of varying complexity.
	PSOs 3	Ability to test the technical issues in Software Engineering and deliver a quality product for business success.
	PSOs 4	Ability to think of new approaches for solving problems in different domains.
	PSOs 5	Ability to innovate and develop new technologies.

B.VOc.

Programme Name	PSOs	Programme Specific Outcomes
B.Voc Food Processing and Management		<i>Student will be able to:</i>
	PSOs 1	To impart the knowledge about various compounds such as protein, carbohydrates, lipids amino acids, minerals, vitamins etc associated with the chemical compositions of food, their structures and functions.
	PSOs 2	The students can gain knowledge about some very essential topic of nutrition and its metabolism balance inside the body.
	PSOs 3	To make the students familiar with the technologies of food processing and preservation of plant and animal foods, cereals, pulses, oilseeds, fruits vegetables, spices, meat, fish, poultry, sea food, milk and dairy products

	PSOs 4	To development students' understanding and communication skills through various assignments which will enable them to develop skills in writing and effective's interpersonal skills. Presentations in different topics enhances their confidence, ability to express themselves & presentation skills
	PSOs 5	To gain knowledge about advanced technologies adapted in various food industries by physically visiting different food industries

B.C.A.

Programme Name	PSOs	Programme Specific Outcomes
BCA		<i>Student will be able to:</i>
	PSOs 1	Analyze and apply latest technologies to solve problems in the areas of computer applications
	PSOs 2	Develop and implement the desktop and web applications.
	PSOs 3	Analyze, design, implement and evaluate computerized solutions to real life problems, using appropriate computing methods
	PSOs 4	Apply techniques of software validation and reliability analysis to the development of computer programs.
	PSOs 5	Create animation in web application
	PSOs 6	Work in MNCs and banks under fancy job designations or pursue their desired course like Software Engineers.

Botany

Programme Name	PSOs	Programme Specific Outcomes
B.Sc. in BOTANY		<i>Student will be able to:</i>
	PSOs 1	Estimate plant diversity.
	PSOs 2	Access the morphological and anatomical features of plants.

	PSOs 3	Analyze biochemical, molecular, genetical studies in plants.
	PSOs 4	Make use of medicinal plants in day today life.
	PSOs 5	Evaluate the characters of plants for identification.

Electronics	PSO 1	Obtain in depth knowledge of Electronics, so that they will be successful in designing new products.
	PSO 2	Develop attitude in lifelong learning applying and adapting new ideas and technologies in electronics
	PSO 3	To make the students capable for placement in various electronic industries.
	PSO 4	Develop skills of designing electronic circuits for various applications and programming of embedded systems.

Mathematics

Programme Name	PSOs	Programme Specific Outcomes
Bachelor of Science in Mathematics		<i>Student will be able to:</i>
	PSOs 1	recall basic facts about mathematics and display knowledge of conventions such as notations, terminology
	PSOs 2	think in critical manner
	PSOs 3	equip with mathematical problem-solving skills, creative talent and power of communication necessary for various kinds of employment
	PSOs 4	formulate and develop mathematical arguments in a logical manner.
	PSOs 5	develop approach to understand, formulate problems arising in social science, business
	PSOs 6	get exposure to global and local concerns that explore them many aspects of mathematical sciences.

Statistics

Programme Name	PSOs	Programme Specific Outcomes
B.Sc. Statistics	PSOs 1	Gain the knowledge of Statistics through theory and practical's.
	PSOs 2	Students will be familiar with the sampling techniques with real life situation.
	PSOs 3	Students will be become a familiar with R- software which will be very useful for their research programs.
	PSOs 4	B.Sc.-3 year UG program enable the students to prepare themselves for higher education leading to M.Sc. degree courses.
	PSOs 5	The Statistics UG students after the completion of the course will gain a thorough knowledge in preparing competitive examinations conducted by SSC/UPSC/MPSC

Programme Name	PSOs	Programme Specific Outcomes
B.Sc. In Zoology		<i>Student will be able to:</i>
	PSOs 1	Understand the nature and basic concepts of cell biology, physiology, genetics and Taxonomy
	PSOs 2	Perform procedures of reproductive biology
	PSOs 3	Perform procedures as per laboratory standards in the areas of Biochemistry, Taxonomy, Economic Zoology
	PSOs 4	Understand the applications of biological sciences in agricultural pests, Pearl culture Fishery, Poultry and Dairy farming
	PSOs 5	Understand the basic knowledge of comparative anatomy, endocrinology, molecular biology and wildlife management and conservation.
	PSOs 6	Understand and explain different aspects of developmental biology

	PSOs7	Understand the basic concept of ecology, population ecology and wildlife life.
	PSOs 8	Conduct census for estimation of animal population in wildlife. Identify wild animals with the help of direct and indirect signs.
	PSOs 9	Apply the knowledge of Zoology in the development Ecotourism Industry
	PSOs 10	Apply the knowledge of Zoology in finding the origin of different Zoonotic diseases
	PSOs 11	Perform procedures of wild life census, habitat management, Ecosystem development with help o conventional methods and new methods like remote sensing and GIS.