



Dnyansadhana Shikshan Prasarak Mandal, Nivade Sanchalit,

M.H. Shinde Mahavidyalaya, Tisangi

Programme Outcomes, Programme Specific Outcomes and Course Outcomes

Programme Outcomes

Programme	Programme Outcomes
B.A.	<ol style="list-style-type: none"> 1. To increase ability to practice human values 2. To make Responsible & sensible citizen. 3. To promote critical thinking and application Knowledge 4. Engagement in community work and global understanding.
B.Sc.	<p>Knowledge and understanding of:</p> <ol style="list-style-type: none"> 1. The range of plant diversity in terms of structure, function and environmental relationships. The evaluation of plant diversity. Plant classification and the flora of Maharashtra. The role of plants in the functioning of the global ecosystem. A selection of more specialized, optional topics. Statistics as applied to biological data. 2. Practical skills: Students learn to carry out practical work, in the field and in the laboratory, with minimal risk. They gain introductory experience in applying each of the following skills and gain greater proficiency in a selection of them depending on their choice of optional modules. Interpreting plant morphology and anatomy. Plant identification. Vegetation analysis techniques. A range of physiochemical analyses of plant materials in the context of plant physiology and biochemistry. Analyze data using appropriate statistical methods and computer packages. 6. Plant pathology to be added for sharing of field and lab data obtained. 3. Scientific Knowledge: Apply the knowledge of basic science, life sciences and fundamental process of plants to study and analyze any plant form. 4. Problem analysis: Identify the taxonomic position of plants, formulate the research literature, and analyze non reported plants with substantiated conclusions using first principles and methods of nomenclature and classification in Botany. 5. Design/development of solutions: Design solutions from medicinal plants for health problems, disorders and disease of human beings and estimate the phytochemical content of plants which meet the specified needs to appropriate consideration for the public health 6. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern instruments and equipments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological activities of plants with an understanding of the application and limitations 7. The Botanist and society: 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. 8. Environment and sustainability: Understand the impact of the plant diversity in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. 9. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. 10. Students should understand the analytical techniques in chemistry. 11. Students can acquire basic knowledge separation science and solvent extractions

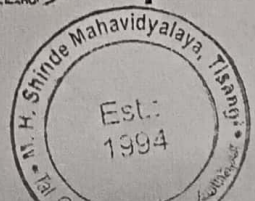




12. Improvement in the basic knowledge of preparation of dyes & drugs and their applications in everyday life.
13. Students acquire the knowledge of extraction some natural drugs, pigments and they are environmentally friendly keeping green approach in mind.
14. Understand the impact of the chemicals in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development.

Programme Specific Outcomes

Programme	Programme Specific Outcomes
B.A.	
History	<ol style="list-style-type: none"> 1) To Acquiring the knowledge of History 2) To Study of history from ancient to Modern period. 3) To Study the socio- economic, political, religious & cultural aspects of history 4) The purpose of the history is to enable the student to understand the important development in the historical research in thematic approach. 5) To examine and criticize various revolutions and word war along with their impact on history. 6) To understand the application of history with reference to archives, Museum & truism Industry. 7) The student will be introduced to the Political, social, economic and religious developments in India during this formative period. 8) This course will help the students to understand how India came to be. 9) The students will know about the agricultural condition, development of trade and industry as well as the social, religious and architectural Milieu of the period. 10) The students will study the accounts of the causes and consequences of the Transformative revolutions which changed the history of mankind. 11) The course introduces the students to the political developments which led to the expansion of Maratha power in the eighteenth century. 12) They will know the methods of writing history. 13) They will understand how a syncretic culture developed in India during the period. 14) They will know about some select important Personalities who contributed to the making of the Modern World. 15) The course will also introduce the students to the sources of Maratha history. 16) The students will be introduced to the technique of collecting data through oral interviews
Hindi	<ul style="list-style-type: none"> • रोजगार उन्मुख शिक्षा एवं कौशल प्रदान करना। • साहित्य के प्रति रुचि बढ़ाना। • छात्रों में हिन्दी भाषा के श्रवण, पठन एवं लेखन कौशल को विकसित करना। • रोजगारपरक हिन्दी की उपयोगिता स्पष्ट करना। • अनुवाद क्षेत्र में काम करने के लिए छात्रों की रुचि बढ़ाना। • केंद्र सरकार के कार्यालयों में हिन्दी अनुवादक, राजभाषा अधिकारी, सहायक पद पर काम करना। • मनोरंजन जगत में, पत्रकारिता में संपादक, संवाददाता, न्यूज़ रीडर, उपसंपादक, प्रूफ रीडर के



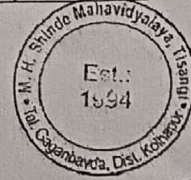


	पुढ पर काम करना। • प्रकाशन क्षेत्रप्रकाशन संस्था में अनुवादक -संपादक से पद पर काम करना।
Marathi	१. पौरात्य व पश्चात्य आधुनिक भारतीयसाहित्य शास्त्राचे व आधुनिक भारतीय साहित्य शास्त्राचे स्वरूप समजून घेणे. २. शब्द शक्तिचे आकलन करून घेणे. ३. साहित्यातील रसाचे स्वरूप समजून घेणे. ४. स्पर्धापरीक्षा प्रशासन, पत्रकारिता आकाशवाणी दूरदर्शन चित्रपटनिर्मिती जाहिरात भाषांतर शिक्षण इलेक्ट्रॉनिक मीडिया या क्षेत्रात, व्यवसाय व रोजगाराच्या संधी.
Economics	1. To introduce the students to the Indian Economics and environment. 2. To develop an understanding of challenges facing by the Indian economy. 3. To acquaint the students with structure of the Indian economy, cooperation, environment and changes taking place there. 4. In those days globalisation [liberalisation and privatisation] is the backbone of new economic policy. So students study the LPG policy in this programme and create his own opportunities of employment business and also self employment. 5. Study economics and learn about economic theory, develop students skills of logical thinking and pickup some great interpersonal skills along the way. 6. Economics apply to most aspects of everyday life. 7. By studying the Economics you will examine topics of obvious importance to human well being. 8. Economics is applicable in a wide range of fields including- a. Business b. Finance c. Administration d. Law e. Local and national government f. Cooperations. g. Environment 9. Economics is more than just a subject it is the way of thinking. Economics provides logical way of looking at a variety of issues. Practice the analytical techniques employed in economics and learn to develop students is that General literacy, Communication and numeracy skills, Skills of abstraction, Skills of logical deduction, Critical thinking. 10. Studying of economics provides insights into a. The general environment of resources allocation decisions, b. Opportunity costs and trade-offs c. Projects evaluation and government policy 11. Economics graduates make great employees because employers are particularly keen on graduates with good analytical and problems solving skills. Training in economics emphasis there skills to students. 12. The wide range of skills developed through studying economics (Degree) opens up many, diverse career opportunities for graduates. 13. Economics is the study of how people deploy resources and to meet human needs.
B.Sc.	
Botany	CO1. Critically evaluation of ideas and arguments by collection relevant information about the plants, so as recognize the position of plant in the broad classification and





	<p>phylogenetic level.</p> <p>CO2. Identify problems and independently propose solutions using creative approaches, acquired through interdisciplinary experiences, and a depth and breadth of knowledge/expertise in the field of Plant Identification.</p> <p>CO3. Accurately interpretation of collected information and use taxonomical information to evaluate and formulate a position of plant in taxonomy.</p> <p>CO4. Students will be able to apply the scientific method to questions in botany by formulating testable hypotheses, collecting data that address these hypotheses, and analyzing those data to assess the degree to which their scientific work supports their hypotheses.</p> <p>CO5. Students will be able to present scientific hypotheses and data both orally and in writing in the formats that are used by practicing scientists.</p> <p>CO6. Students will be able to access the primary literature, identify relevant works for a particular topic, and evaluate the scientific content of these works.</p> <p>CO7. Students will be able to apply fundamental mathematical tools (statistics, calculus) and physical principles (physics, chemistry) to the analysis of relevant biological situations.</p> <p>CO8. Students will be able to identify the major groups of organisms with an emphasis on plants and be able to classify them within a phylogenetic framework. Students will be able to compare and contrast the characteristics of plants, algae, and fungi that differentiate them from each other and from other forms of life.</p> <p>CO9. Students will be able to use the evidence of comparative biology to explain how the theory of evolution offers the only scientific explanation for the unity and diversity of life on earth. They will be able to use specific examples to explicate how descent with modification has shaped plant morphology, physiology, and life history.</p> <p>CO10. Students will be able to explain how Plants function at the level of the gene, genome, cell, tissue, Flower development. Drawing upon this knowledge, they will be able to give specific examples of the physiological adaptations, development, reproduction and mode of life cycle followed by different forms of plants.</p> <p>CO11. Students will be able to explain the ecological interconnectedness of life on earth by tracing energy and nutrient flow through the environment. They will be able to relate the physical features of the environment to the structure of populations, communities, and ecosystems.</p> <p>CO12. Students will be able to demonstrate proficiency in the experimental techniques and methods of analysis appropriate for their area of specialization within biology.</p>
Chemistry	<ol style="list-style-type: none">1. To promote understanding of basic facts and concepts in Chemistry while retaining the excitement of Chemistry2. To make students capable of studying Chemistry in academic and Industrial courses and to expose the students to different processes used in Industries and their applications.3. To expose the students to various emerging new areas of Chemistry and apprise them with their prevalent in their future studies and their applications in various spheres of chemical sciences.4. To develop problem solving skills in students.5. To developed ability and to acquire the knowledge of terms, facts, concepts, processes, techniques and principles of subjects.6. To develop ability to apply the knowledge of contents of principles of chemistry.7. To inquire of new knowledge of chemistry and developments therein.8. To expose and to develop interest in the fields of chemistry9. To develop proper aptitude towards the subjects10. To develop the power of appreciations, the achievements in Chemistry and role in





nature and society.

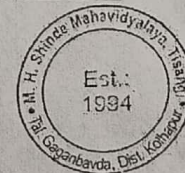
11. To develop skills required in chemistry such as the proper handling of apparatus and chemicals

Course Outcomes

Department of History

Class	Course	Semester	Course Outcomes
B.A.-I	Rise of Maratha power(1600-1707)	I	After studying the course the student will be able to... 1. To understand the contribution of chhatrapati Shivaji Maharaj in making of Maratha State. 2. To Understand the historical sources of Maratha History. 3. To understand the role of common people in Maratha independence war.
	Polity , Society and economy under the Marathas(600-1707)	II	After studying the course the student will be able to... 1. To understand the administration of Marathas. 2 To study economic aspects of Marathas 3. To study the socio-religious aspects of the Marathas. 4. To understand the contribution of Shivaji Maharaj in Agricultural & Management.
B.A.-II	History of Modern Maharashtra -III (1900 to 1960)	III	After studying the course the student will be able to... 1.Understand the beginnings and growth of nationalist consciousness in Maharashtra 2. Explain the contribution of Maharashtra to the national movement 3. Give an account of various movements of the peasants, workers, women and backward classes 4. Know the background and events which led to the formation of separate state of Maharashtra.
	History of Modern Maharashtra -V (1900 to 2000)	IV	After completion of the course, the student will... 1. Acquaint himself with the contribution of eminent leaders of Maharashtra 2. Know about the economic transformation of Maharashtra 3. Understand the salient features of changes in society 4. Explain the growth of education.

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M. H. Shinde Mahavidyalaya, Tisangi
M. Sc. Entrance Examination Botany Merit List
Academic Year 2022-2023

Sr. No.	Name	Marks
1	Sujata Ananda Vapilkar	80
2	Bharati Keraba Patil	70
3	Jyoti Rajaram Sawant	68
4	Sabale Mahadev Keraba	68
5	Anjali Dilip Patil	64
6	Neha Amirsohel Mulla	52

R. M. Waghmare

(Dr. R. M. Waghmare)

[Signature]

I/C PRINCIPAL

M. H. Shinde Mahavidyalaya, Tisangi,
Tal. Gaganbavda, Dist. Kolhapur.



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M. Sc. Entrance Examination Botany Merit List
Academic Year 2022-2023

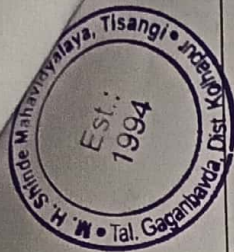
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1	Sujata Ananda Vapilkar	80
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(Dr. R. M. Waghmare)

I/C PRINCIPAL
M. H. Shinde Mahavidyalaya, Tisangi,
Tal. Gaganbavda, Dist. Kolhapur.

Chemistry Department

Higher Education Students List



Sr. NO	Name of the student	Class	Higher Education	Name of the Higher Education Institution
1	Ashwini Maruti Rane	B.Sc.III	Higher Education	M. H. Shinde Mahavidyalaya Tisangi
2	Biraje Pallavi Subhash	B.Sc.III	Higher Education	M.H.shinde mahavidyalaya tisangi
3	Rohit Patil	B.Sc.III	Higher Education	M.H.shinde mahavidyalaya tisangi
4	Powar Prajakta Prakash	B.Sc.III	Higher Education	M. H. Shinde Mahavidyalay Tisangi
5	Padave Akshada Ashok	B.Sc.III	Higher Education	Arun Narake Foundation, Kolhapur
6	Tejaswini Sanjay mhamulkar	B.Sc.III	Higher Education	M.h.shinde Mhavidhyalay Tisangi
7	Tanuja rajaram kamble	B.Sc.III	Higher Education	M.h.shinde Mhavidhyalay Tisangi
8	Ashleshh janardan Shinde	B.Sc.III	Higher Education	M.H.Shinde Mahavidhyalaya Tisangi
9	Digambar Sardar Patil	B.Sc.III	Higher Education	M.H.Shinde Mahavidhyalaya Tisangi
10	Deshmukh Vishwajit Satish	B.Sc.III	Higher Education	Parul University, Vadodara Gujarat.
11	Shinde Pratik Maruti	B.Sc.III	Higher Education	M.H.Shinde Mahavidhyalaya Tisangi
12	Harshada Baburao Chougale	B.Sc.III	Higher Education	Arun Narke foundation
13	Ketan Mole	B.Sc.III	Higher Education	M. H. Shinde. Mahavidyalaya tisangi
14	Prashant Vishnu sutar	B.Sc.III	Higher Education	M H shinde mhavidyal tisngi
15	Shreyash Sanjay Shinde	B.Sc.III	Higher Education	D. Y.Patil. Tech college
16	karan sambhaji dabade	B.Sc.III	Higher Education	MBA
17	Prathamesh Nivas Bhosale	B.Sc.III	Higher Education	Dy. patil Medical college
18	Sarthak Sunil Zure	B.Sc.III	Higher Education	Indira institute, Pune
19	Sonali shrikant suryawanshi	B.Sc.III	Higher Education	Shivaji univarsity
20	Akash Namdev Patil	B.Sc.III	Higher Education	D.Y.Patil.Sugar Tech college , Palsanmbe

Chemistry Department

Placement 2022-2023



Sr. NO	Name of the student	Class	Job	Name of the Company
1	Aniket Yuvraj Dessi	B.Sc.III	Job	Coforge pvt Ltd Kolhapur
2	Hrutavik rangarav patil	B.Sc.III	Job	Polson limited
3	Shubhangi bhagavan patil	B.Sc.III	Job	Reliance company
4	Sourabh Suresh kumbhar	B.Sc.III	Job	Coforge
5	Akash prakash naik	B.Sc.III	Job	Aditya Birla group (pantaloons)
6	Rohit Yuvraj More	B.Sc.III	Job	Mahalaxmi Hallmark center kolhapur
7	Kundlik dagadu kotkar	B.Sc.III	Job	Pharma
8	Mohan Yuvaraj Patil	B.Sc.III	Job	Farm house
9	Vaibhav Vishnu patil	B.Sc.III	Job	MIDC
10	Vishal Prakash Patil	B.Sc.III	Job	Glanmark Pharmaceutical
11	Sabale shubham Sanjay	B.Sc.III	Job	Sabale medicals
12	Patil Dipti Vishwas	B.Sc.III	Job	Phoenix English medium school