



PROGRAM OUTCOMES (PO'S)

Prin. A. B. K.

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संभाजी महाविद्यालय (कला , वाणिज्य व विज्ञान)

मुरुड. ता.जि. लातूर

मराठी विभाग - पदवी व पदव्युत्तर
मातृभाषेचा विद्यार्थी असण्याचे फायदे

Programme outcomes (POs)

संभाजी महाविद्यालय मुरुड अंतर्गत इ.स. 1991 पासून आजपर्यंत मराठी विभागाअंतर्गत पदवी व पदव्युत्तर स्तरावर मराठी विषयाची गोडी वाढावी ,विद्यार्थ्यांमध्ये साहित्या विषयी आवड निर्माण व्हावी. महत्त्वाचे म्हणजे रोजगाराची संधी उपलब्ध व्हावी यासाठी मराठी विभाग सातत्याने प्रयत्न करत आहे.

PO 1 - समीक्षात्मक विचारसरणी

मराठी साहित्यातून साहित्य व समाजाविषयी विद्यार्थ्यांनी समीक्षात्मक विचार करावा. यासाठी त्याला प्रेरित केले जाते .सत्य - असत्य , चांगले - वाईट ,समाजाचे हित -अहित याबाबत साहित्याचा आधार घेत विद्यार्थी घडवला जातो. जीवनाकडे पाहण्याचा दृष्टिकोन दिला जातो.

PO2 - प्रसार माध्यमांचा वापर -

विद्यार्थ्यांनी प्रसार माध्यमांच्या सहाय्याने अपडेट राहावे यासाठी वर्तमानपत्रे , व्हाट्सअॅप यांचा वापर केला जातो. शिवाय वर्गात पत्रलेखन , सदरलेखन , वृत्तांत लेखन , टिप्पणी लेखन इत्यादी शिकवले जाते.

PO3 - सामाजिक एकता -

साहित्यातून वास्तव गोष्टी चित्रित केल्या जातात .समाजाचा सूक्ष्म अभ्यास असतो त्यामुळे विद्यार्थी आपोआप समाजाशी जोडला जातो. त्याला सामाजिक , धार्मिक , राजकीय परिस्थितीचे ज्ञान मिळत जाते .समाजाचे रूप तो साहित्यात शोधतो .त्यातून त्याला सामाजिक भान येते. उदा. हिंदू - मुस्लिम एकता. भेदभाव न करता मिळून राहण्यात देशाचे हित आहे हे लक्षात येते.

PO4 - सुज्ञ नागरिक -

जेव्हा मातृभाषेतून विद्यार्थी साहित्याचे आकलन करतो तेव्हा त्याला वेगळी समज येते .तो अभिव्यक्त व्हायला लागतो .अनुभव व्यक्त करतो आणि यातून त्याच्या व्यक्तिमत्त्वाला आकार येतो व या घडामोडीतून देशाचा सुज्ञ नागरिक निर्माण होतो.

PO5 - पर्यावरणाविषयी जागरूकता -

मराठी साहित्यात पावसाच्या पाण्याच्या नियोजनापासून ते ऋतुमानानुसार पिकांच्या उत्पादनापर्यंत चित्रण आहे. पाण्याचे महत्त्व, पाण्याचा काटकसरीने वापर, वृक्ष लागवड - संवर्धन इ. गोष्टी सहजच विद्यार्थ्यांच्या लक्षात येतात. हवामान, मातीचा कस, पाण्याचे नियोजन यासारख्या गोष्टी त्यांच्या कृषीकष्टाला फायद्याच्या ठरतात.

याशिवाय ग्राम स्वच्छता, प्लास्टिकचा वापर, आरोग्याविषयी जागरूकता, लसीकरण इ.पासून आरोग्याचेही पर्यावरण तो जपण्याचा प्रयत्न करतो.


PO6 - जीवनभरासाठी ज्ञानाची शिदोरी व शिस्त -

भाषेच्या ज्ञानातून, साहित्यातून विद्यार्थी जीवनभर पुरणारी ज्ञानरूपी शिदोरी कमावतो, आत्मसात करतो त्याच्यात जाणीव निर्माण होते. जीवनातील समस्यांना समंजसपणे सामोरे जाण्याची ताकद त्याच्यात निर्माण होते. शिवाय विद्यार्थ्यांनी साहित्याचे मूल्यमापन केल्यामुळे अंगभूत शिस्त निर्माण होते.

PO7 - नीतीमूल्यांचे भान -

मराठी साहित्यात नीती मूल्यांची उधळण आहे उदा. कथा, कादंबरी, नाटक, कविता इ.तून समाजाला महत्त्वाचा संदेश दिला जातो. या कलाकृतीद्वारे नीती मूल्यांचे महत्त्व व भान जागवले जाते.

विद्यार्थी दया, क्षमा, सत्य, राष्ट्रीय एकता इ. नीती मूल्यांची जोपासना करत द्वेष, अहंकार, जातीयता, धर्मांधता या गोष्टीपासून दूर राहतात. देशाचा, समाजाचा सकारात्मक विचार करतो.


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संभाजी कॉलेज मुरुड
हिंदी विभाग
हिंदी स्नातक उपाधि के लाभ

संभाजी महाविद्यालय मुरुड में सन 1991 से आज तक हिंदी भाषा तथा हिंदी साहित्य की शिक्षा दी जाती है. अहिंदी भाषिक प्रदेश में हिंदी भाषा तथा साहित्य के प्रति रुची बढ़ाने का कार्य हिंदी विभाग की ओर से किया जाता है. फलतः अनेक छात्रों को रोजगार के अवसर भी प्राप्त हुए हैं. हिंदी विभाग राष्ट्रीय एकता निर्माण करने का निरंतर प्रयास करता है.

Po1 चिकित्सक विचार (critical thinking):

चिकित्सक विचार कोई एक युक्तिवाद या दावा हर समय सत्य, कभी कभी सत्य, अंशतः हा सत्य या गलत है अथवा नहीं, यह निर्णय करने का मार्ग है. हिंदी विभाग के छात्रों को तीन वर्ष की उपाधि काल में चिकित्सक विचार करना तथा आलोचना करना सिखाया गया है.

Po 2 प्रभाव पूर्ण जनसंचार :

हिंदी विभाग के छात्रों में जनसंचार की अभिरुची निर्माण करने का प्रयास किया जाता है. प्रयोजन मूलक हिंदी के माध्यम से पत्रलेखन ब्लॉग लेखन समाचार लेखन आधी पढाया जाता है. छात्र स्वयं आवेदन पत्र पारिवारिक पत्र मांग पत्र शिकायत पत्र सरकारी पत्र लिख सकते हैं ई-मेल आयडी पंजीकरण कर सकते हैं.

PO 3 सामाजिक संपर्क :

साहित्य समाज का दर्पण है समाज में घटीत घटना का चित्रण साहित्य में किया जाता है. इसलिये समाज की विभिन्न परिस्थितियों का ज्ञान छात्रों को हुआ है. सामाजिक वातावरण, धार्मिक वातावरण राजकीय वातावरण आदि से छात्र परिचित हुए हैं.

PO 4 प्रभावशाली नागरिकत्व :

हिंदी साहित्य के माध्यम से प्रभावशाली नागरिक तयार किये जाते हैं साहित्य: अनुभूती की अभिव्यक्ति होती है साहित्य के माध्यम से व्यक्तित्व का निर्माण होत है. केवल व्यक्तित्व का ही निर्माण नहीं बल्की समाज का निर्माण होता हैं.

PO 5 नीती मूल्य की शिक्षा:


साहित्य के माध्यम से व्यक्तित्व का निर्माण होत है. साहित्यिक माध्यम से नीतिमूल्य की शिक्षा दी जाती है. साहित्य नीती मूल्यकी रक्षा करता है. यह शिक्षा हिंदी साहित्य कविता, निबंध, कहानी, नाटक, उपन्यास, निबंध आदि के माध्यम से दी जाती है. मनुष्य के मनसे हंकार इर्षा बेइमानी जातीयता नष्ट करने का प्रयास किया गया है. साहित्यिक केंद्र में उपेक्षित वर्ग ही होता है. साहित्य से मानवीयता की भावना निर्माण की जाती है.

PO 6 पर्यावरण की सुरक्षा:

हिंदी साहित्य में परिवेश का चित्रण किया जाता है. पर्यावरण की रक्षा का ज्ञान दिया जाता है. छात्र में पर्यावरण की सुरक्षा करना, परिसर स्वच्छता, जंगल बचाओ, जल ही जीवन है, प्लॉस्टिक प्रतिबंध, वृक्षारोपण, वृक्ष संवर्धन, आदि का ज्ञान देकर पर्यावरण की सुरक्षा की जाती है.

PO 7 स्वयंशिस्त एवं दीर्घकालीन शिक्षा:

हिंदी विभाग के छात्रों को स्वयं अनुशासन की शिक्षा दी जाती है पाठ्यक्रम के माध्यम से जो पढाया जाता है वह दीर्घकाल के लिए उपयोगी होता है. इसका लाभ निजी जीवन में होता है.


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Sambhaji College (Arts & Comm.), Murud.

Program Outcomes (POs) & Program Specific Outcomes (PSOs)

Department of English

Introduction:

Since the department of English has been trying to enable the students to meet the local and global needs throughout the program years as well as during and the post-graduation, our department would empower and aspire the degree holders to meet the individuals and public life expectations.

Since NEP-2020, envisions the Outcome Based Education (OBE) cum program outcomes, specific program outcomes and course outcomes. According to the syllabi of English (B.A. English) our department has chalked out the program outcomes and the course outcomes in order to aspire the society to admit the said program during the globalized world.

PO1- Critical Thinking

Education is treated as the third eye or vision. Accordingly our department used to enrich the critical sensibility of the aspirants throughout the years such as communication richness, literally criticism and Modern English Structure etc.

PO2- Effective Communication

Language is means of communication and communication is the representation of community. According to the matrix our department would enrich the communication Skills Of the students through various ways as by introducing LSRW and inspiring the students to read any type of literature irrespective of its nature as poetry, drama, fiction, non-fiction etc.

PO3- Social Interaction

Literature is the mirror of society is introduced to the students at the beginning of the academic year as well as enabled them to experience in their day to day life in order to differentiate between good and evil. Special reference to the non-fictional literature (biographical & Auto-biographical Elements)

PO4- Effective Citizenship

Literature would sensitize the society especially the contemporary society in order to build the character of the society. For Model Milliner, The American Scholar. The best example of effective citizenship is literature or literary presentation.

PO5- Ethics

Literature is used to highlight the contemporary values system. Now a days the said system is being lost. Our Department throughout the years tries to inculcate the values or ethics among the students through various ways.


PO6- Environment and sustainability

NEP-2020 preferably advocates the principles of self-sustained or self-reliant. Accordingly our department used to highlight the environmental health and sustainability throughout the years by highlighting the equity in all respect.

PO7- Self-directed & Lifelong Learning

Dependency is a cursed is being highlighted to the student in order to make them in dependent intellectually, mentally, physically, financially etc.

Education is defined as life long process irrespective of ages, one should learn as a part of self-direction and self-sustain.


Dr. Meena Kudam


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Sambhaji College (Arts & Commerce) Murud Tq & Dist Latur 413510

Program outcomes (POs) & Program Specific Out Come (PSOs)
Department of Public Administration

Introduction:

Department of public administration has chalked out and displayed as well as brought into the notice the students in order to meet the local and global needs NEP2020 envisions the programs outcomes and program specific outcomes under the outcomes Based Education policy accordingly our department had identify

Programs outs come and program specific outcomes. Students of public administration will be able to during and after the degree program.

1) PO1 critical thinking

Our department has been trying to enrich the critical sensibility of the student why introduced the domestic and foreign thinking and ideology.

2) PO2 effective communication

is the core outcomes of programs. The program had covered the local level to National level administration and governance in order to co-ordinate our department has identify the importance of effective communication to meet the local and national level administration and governance expectational throughout the years.

3) PO3 social interaction

Public administration has been identify as the significant social sciences. Therefore it is interdependently intend each other our programme used to interact with different community in order to identify the social evils specially during the course of administration and governance as disaster management or interaction with the NGO.

4) PO4 effective citizenship

The major outcome of the program is to moralize the social character. Through the introduction of the Indian constitution covering the preamble and the placement of the people regarding the fundamental rights the fundamental duties

5) PO5 Ethics

Our department has identified the administrative and governmental ethic and ethical practicals through out the years by introducing the constitutional code of conduct

6) PO6 Environment and sustainability

During the course of the program and department has highlighted the environment and sustainability by introducing the constitutional provisional of the fundamental rights fundamental duties directive principle and the sustainable goal preferably.

7) PO7 Self directed and life long learning

Our program has highlighted is significance of self directed and life long learning by introducing the three tier local self government system as well as other subsidiary administrative and government system

प्र. डॉ. चाकरे र.म.जी.

प्र. डॉ. पंजोर ए.एम.

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Program Outcomes – BA Economics

- PO 1. Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
- PO 2. Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.
- PO 3. Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.
- PO 4. Effective Citizenship: Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
- PO 5. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
- PO 6. Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.
- PO 7. Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.

Principal

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Suryawanshi. A.V.
Dept. of Economics



Sambhaji college Murud, T, Dist. Latur
Department- sociology
POS

Program outcomes (POS) of our department job in identified and displayed at the institutional website PO5 analysed to the student in order to increase the departmental during of thurs graduation student will be able to have

- *PO1* our department has been trying to enrich the critical thinking and silibity by intrudeicing the research culture.
- *PO2* communication is the mans of expression, expression of personality has been identified by introducing the course like social counselling and personality development.
- *PO3* Through out the year department has been trying to interaction the social communities in the order to faculties the social issues. Through social counselling bye intruding the human right and social justice as well as by interacting with NGOs.
- *PO4* our department has been demonstrating in empathetic social concern and concerned national development, and the ability to act with an informed awareness of issues and participate in civic live through volunteering by hitting the social reformer and social movement.
- *PO5* our department has recognized different value teaching learning evaluation bye including the social institutions and the professional cods of conduct.
- PO6 Environment sustainability our our department has been trying to empire the principals of social health and ocean tolerance.
- *PO6* Self-directed and life-long learning accordingly our department would enable the student to acquire the ability to engage in independent and learning the broadest contract the method of social research, personality development,. social reformer

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Department of Geography

Programme Outcomes, Programme Specific Outcomes and Course Outcomes for UG Programs

Programme Name: Three Years B. A in Geography Number
of Semesters: Six

Introduction:

Geography is the study of places on the earth surface. It is the study of relationships between people and their environments. Geographers explore both the physical properties of Earth's surface and the human societies spread across it. They also examine how human culture interacts with the natural environment and the way those locations and places can have an impact on people. Geography seeks to understand where things are found, why they are there, and how they develop and change over time. The study of the diverse environments, places, and spaces of Earth's surface and their interactions. It seeks to answer the questions of why things are as they are where they are. The modern academic discipline of geography is rooted in ancient practice, concerned with the characteristics of places, in particular their natural environments and peoples, as well as the relations between the two.

In compliance with recent directives from the University Grants Commission, the undergraduate syllabus for Geography is reframed into Choice Based Credit System largely following the model syllabus prepared by the Swami Ramanand Teerth Marathwada University, Nanded. **The main objective of this new curriculum is to give the students a holistic understanding of the subject, putting equal weightage to the core content and techniques used in Geography.** The Syllabus tries to give equal importance to the two main branches of Geography: Physical Geography and Human Geography. The principal goal of the syllabus is to enable the students to secure a job at the end of the undergraduate programme. Keeping this in mind and in tune with the changing nature of Geography, adequate emphasis is rendered on applied aspects of the subject such as emerging techniques of mapping and field-based data generation, especially in the honors course. The syllabus emphasizes on development of basic skills of the subject, so that everyone need not go for higher studies in search of professional engagement or employment.

During the course of the program our department has been trying to enable the students to have the program outcomes at the end of the program.

PROGRAMME OUTCOMES:-

- PO 1:-** To develop **critical thinking and skills** to train the students in order to analyze problems and validate real life solutions by introducing the maps, projections, charts, models etc.
- PO 2:-** Foster cooperation among students enabling them to connect and contribute towards teamwork activities by introducing the regional and seasonal ethos of the society as well as Develop **effective communications skills** that promote leadership qualities individually as well as within a group.
- PO 3:-** Throughout the program our department has been trying to interact with the regional, national social agencies in order to enrich the research culture as well as to introduce the new trends and techniques in the discipline. The department used to maintain the interaction in order to sensitize the environmental consciousness by conducting the local tours.
- PO 4:-** Our department would try to build the character of the society by introducing by introducing socially and naturally balanced concepts and themes like environmental, economic, social and cultural aspects as well as sensitize the effective citizenship by introducing the disaster management.
- PO 5:-** The prime object of our program is to sensitize the **environmental consciousness and professional ethics** by celebrating the geographically and environmentally days as well as by observing the weeks e.g. energy conservation week, World Ozone, Water, climate and forest day etc.
- PO 6:-** NEP 2020 basically built upon the principals of the Sustainable Development Goals (SDGs) in order to accomplish the **environment and sustainability** our department used to sensitize the students time to time.
- PO 7:-** Our program is a quite inclusive where our department used to engage with other departments through various activities as a part of departmental **self-directedness and lifelong learning** by introducing the MoUs, tourism, projects etc.

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Sambhaji College, (Arts, comm. & Science) Murud tq & Dist Latur

Dept. of Political Science

POs

B.A. in Political Science since our department has spos identifying the program outcome (POS) and specific program outcomes (SPOs). NEP 2020 has strongly advocated the POs and SPOs. Accordingly our dept. has identified the POs and PSOs as follow.

PO 1 Critical thinking

Critical thinking is the root of research during the course our students critical sensibility has been deepened by introducing the foreign and domestic ideologies.

PO2 Effective communication

Effective communication is the representation of the community, is introduced to the students by introducing the Course Journalism as well as place of effective communication through the international relations.

PO3 Social interaction

Social interaction is the core of the program, is accomplished by the project work and by the introduction of the international communities

PO 4 Effective Citizenship

Our dept. has demonstrated the impathetic social concern and equity centered national development by introducing the indian constitution and by inculcating the constitutional values.

PO 5 Ethics


Our Dept. has tried to imbibe the ethical practices by highlighting the administrative and governmental ethics and the codes of conducts.

PO 6 Environment and Sustainability

NEP 2020 has been built upon the principle of the Sustainable Development Goals (S.D.G.S) by introducing the Indian Constitutional safeguards regarding the Environmental Laws preferably by highlighting the fundamental rights and duties as well as directive principles of the state

PO 7 Self directed and life long learning

Throughout the years, students have been sensitized in case by highlighting the self-sustain and reliability by introducing the local self government and the significance of the Indian administrative autonomous bodies.


Chavhan D. R.


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Dept. of Commerce

POS

General Higher Edu- Programme B.Com has been Chalked out by the dept. of commerce. After brooding over the NEP 2020 during the course of B.com up to the end of department would accomplish to have the POs & COs as well as in some cases SPOs. The whole world is dominated by the LPG as a result it is necessary to meet the need of the local & global scenario during and after graduation.

Since Students of our department will be able to-

PO1 Critical thinking

During the course of B.Com program our department would enrich the critical thinking of the students in case of intellectuality organizational behaviour and personal perspectives form the different perspectives such as accountancy, stats, communication and computations.

PO2 Effective communication

During the Couse our department has been trying to enrich the effective communication skill among the students, while teaching the modern business communication & fundamental of business communication

PO3 Social interaction

‘Man is a social animal’ responding to the universal matrix our department tries to enable the students to interact with the society through the project or experiential work in case of HRM and marketing management

PO 4 Effective Citizenship

To Demonstrate empathetic social concern and equity centered national development and the ability to act with an informed awareness of issues and participate in the social life through effective citizenship is the prime outcomes of programmer such as the Income tax Fundamental of Income Tax.

PO 5 Ethics

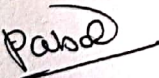
'Nature can fulfill our needs but cannot fulfill our greed's such is imbibed among program aspirants through the different law such as Corporate Law and Mercantile Law

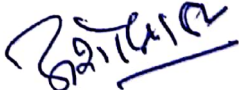
PO 6 Environment and Sustainability

As per the NEP 2020 envisions that one should be self reliant as well as self sustained it means that one should not be dependent upon is the SDG where environment consciousness is advocated during the course of environmental studies, our students would be sensitized accordingly.

PO 7 Self directed and life long learning

NEP2020 advocates the self sustained principal of life. Accordingly our programmer has been preparing the minds of the commerce aspirants through SEC, Business Mngt. Etc. directly or indirectly PO 7 is being taught exclusively through out the program.


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Sambhaji College (Arts, Comm. & Science) , Murud
Department of Chemistry

Program outcomes, Program specific outcomes , and course outcomes for UG Program

Program Name - Three Years B.Sc. In Chemistry

Number of Semester- Six

Introduction – B.Sc. Chemistry program offered by Sambhaji College, Murud is UG programme under SRTMU , Nanded with Choice based & Semester System

Programme Outcomes

PO1 :- Creativity :

Ability to find identify and understand any critical problem from different Windows and able to find out the best solution out of box.

PO2. Analytical reasoning and Thinking :

Ability to analyse any data in reliable and scientific way with valid evidences and examples.

PO3. Research related skills :

Ability to learn how to involve in research related discussion. Develop the skills to define a problem and write a report on various experiment as well as observation.

PO4. Effective communication:

communicate effectively on complex scientific activities with the science community and with the society at large such give and receive clear instructions.

PO5 Designing solutions :

Having acquired knowledge of subjects ,students are trained to think out of the box, design and conduct on experiment.

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Programme Specific outcomes – (PSO)

PSO1: The students will understand the existence of matter in the universe as a solids ,liquids and gas which are composed of molecules atoms and sub atomic particles.

PSO 2 : Understand the mechanism of different types of reaction both organic and inorganic and will try to predict the product of various unknown reactions.

PSO3: Gain the knowledge of chemistry through theory and practicals.

PSO4 :Understand the good laboratory practices and safety.

PSO5: Make aware and handle the sophisticated instrument in laboratory.

PSO 6 : Understand the importance of element in the periodic table including their physical and chemical nature and role in daily life.

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Sambhaji College (Arts, Comm. & Science) , Murud
Department of Physics

Program outcomes, Program specific outcomes , and course outcomes for UG Program

Program Name - Three Years B.Sc. in Physics

Number of Semester- Six

Introduction – B.Sc. Physics program offered by Sambhaji College, Murud is UG programme under SRTMU , Nanded with Choice based & Semester System.

Programme Outcomes

PO 1 Science Knowledge

Apply fundamental knowledge of Physical Sciences along with specialisations to solve Complex scientific problems

PO 2 Modern tool uses

Create select and apply appropriate mix resources and modern scientific and it tool including prediction and modelling to Complex scientific activities with an understanding of limitations

PO 3 The scientist and Society

Apply reasoning within the contextual knowledge to assist societal health safety legal cultural issues and the consequent responsibilities relevant to the professional scientific practice

PO 4 Individual and Teamwork

Function effectively as an individual and or member or leader in divers team and in multi disciplinary setting

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317 Programme Specific outcomes - (PSO)

PSO-1 The student will have fundamental knowledge about various experimental techniques in the field of Material science and material characteristics.

PSO-2 The student will have fundamental knowledge in the field of nuclear and particle physics particularly in the nuclear detector accelerator and Radiation Physics together with computer applications.

PSO-3 The student will have fundamental knowledge in the field of Electronics particularly in embedded systems microcontroller communication system and digital signal processing as well as with computer physics together with their applications in interdisciplinary area of science.

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Sambhaji College (Arts, Comm. & Science) , Murud
Department of Zoology

Program outcomes, Program specific outcomes , and course outcomes for UG Program

Program Name - Three Years B.Sc. in Zoology

Number of Semester- Six

Introduction - B.Sc. Zoology program offered by Sambhaji College, Murud is UG programme under SRTMU , Nanded with Choice based & Semester System.

Programme Outcomes

PO1 :- Problem Solving Ability

- Apply the knowledge of various courses learned under a program to break down complex problems into simple components.
- Adopt and assimilate problem-based learning models and apply ones learning to solve real life problem situations.

PO2 :- Critical Thinking

- Develop critical thinking based on a rationale to identify assumptions, verifying the accuracy and validity of assumptions, and making informed decisions.

PO3:- Effective Communication Skills

- Improve written and oral communication skills so as to express thoughts and ideas effectively.
- Develop presentation skills to present complex information in a clear, lucid and concise manner.

PO4:- Proficiency with Information and Communication Technology

- Understand the scope and limitations of tools or softwares used in Information and Communication Technology.

PO5:- Leadership Skills and Team Work

- Develop management skills to guide people in taking tasks to their logical conclusion.
- Inculcate the ability to facilitate coordinated effort as a group or learn in the interests of common cause and recognize the contribution of team members.

PO6:- Self-directed and Life long Learning

- Adapt lifelong learning approaches to broaden ones horizons for personal growth and development.

PO7:- Ethical Values and Environmental Concerns

- Create awareness and concern for environmental and sustainability issues.

PO8:- Gender Sensitization and Community Service

- Respect gender sensitivity, gender equity and gender justice
- Engage in community service through Institutional Social Responsibility.

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Programme Specific outcomes - (PSO)

PSO1 - Understand how organism are classified and full and identified.

PSO2- Demonstrate Knowledge of basic zoological principles.

PSO3-Use appropriate information with a critical understanding.

PSO4- Learn basic laboratory and analytical skills.

PSO5- Use effective methods for modifying animals behavior .

PSO6-Participate in animal management programs in an effective Manner.

PSO7- Work safely and effectively in the field, in laboratories and in animals facilities .

PSO8-Demonstrate competence in handling and statistical analysis of data gained from practical.

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2.6.1

Sambhaji College (Arts & Comm.) Murud
Department of microbiology
Programme outcomes, programme specific outcomes and course outcomes for UG
programs

Programme name : Three years B.Sc. in microbiology
Number of semesters : Six

Introduction: B. Sc. microbiology programme offered by Sambhaji college Murud is UG programme under the SRTMU, Nanded with choice based and semester system.

Programme outcomes :

PO1 : Critical Thinking

- 1.1. Acquire the ability to apply basic logic and science to thoughts actions and interventions.
- 1.2. Develop self critical abilities and the ability to view positions, problems and social issues from perspective itself.
- 1.3. Develop the ability to chat out to progressive direction for actions by learning.

PO2 : Effective Citizenship

- 2.1. Learn to participate in nation building by other adhering to the principles of the nation and socialism
- 2.2. Develop and practice gender sensitive attitude, environmental awareness, social awareness and ability to understand various kind of discriminations.
- 2.3. Internalise certain highlights of the particular regions history.

PO3 : Effective Communication

- 3.1. Acquire the ability to speak, read, write and listen clearly in person and through electronic media.
- 3.2 learn to analyse and evaluate ideas and situations in well informed manner.

PO4 : Interdisciplinarity

- 4.1: Perceive knowledge as an organic, compressive and integrated faculty of the mankind.
- 4.2 : Understand the issues of environmental context and sustainable development.
- 4.3 : Develop aesthetic, social and humanistic and artistic sensibilities for problem solving.

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Program specific outcomes of microbiology (PSO):

PSO1.

Critical thinking and analytical skills: students are expected to acquire and apply knowledge in the field of microbiology.

PSO2.

Understand general characteristics and classification of microorganisms.

PSO3.

Understand physiological and environmental adaptations of microorganisms and the molecular aspects of microbial cells.

PSO4.

Understand the applicability and significance of microorganisms in the field of health, food, industry, agriculture and environment.

PSO5.

Carry out standard laboratory techniques in the field of environmental, agricultural, medical and industrial microbiology.

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Sambhaji College (Arts, Comm & Science) Murud Taluk & Dist Latur 413510

Department of Botany

Programs specific outcomes and course outcomes for UG programs

Programme name : 3 years BSc in Botany

Number of semesters: VI

Introduction : BSc Botany programme offered by Sambhaji college murud is UG program under the srtmun with choice based and semester system.

Program outcomes :

PO1: Critical thinking

Acquired the skills in handling scientific instrument planning and performing in laboratory experiments. The Skill of observation and drawing logical inferences from the scientific experiment.

PO2: Interdisciplinary learning

Realising technology of subjects in order branches such as humanity performing, arts, social sciences, etc. can have greater influence and inspiration in involving new scientific theories and inventions and understanding the importance of interdisciplinarity study in every work of life.

PO3: Scientific Temper

Analysing the given scientific data critically and systematically and the ability to draw the objective conclusions acquire the knowledge with facts and figures related to various subjects in pure science such as botany chemistry, computer science, electronics, mathematics physics and zoology, etc.

PO4 : Scientific Knowledge

Apply the knowledge of basic science, life sciences and fundamental processes of plants to study and analyse any plant form.

PO5: 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.



Program specific outcomes of Botany (POS):

PSO1: To identify and describe the plant specimen of flowering and non flowering plants.

PSO2: To acquire skill of section cutting and identification anatomical features.

PSO3: familiar with environmental issue related with social life.

PSO4: Use the botanical knowledge for best farming and give the information to the farmer.

PSO5: Understand the various techniques of plant propagation methods.

PSO6: Use knowledge of applied botany for the various humans needs.

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Sambhaji College, (Arts, comm. & Science) Murud tq & Dist Latur

Department of mathematics

Program outcomes

PO1 Critical thinking

Develop self critical abilities and the ability to view position, problem and social issues

PO2 Effective communication

Learn to analyse and evaluate ideas and situation in Well informed manner.

PO3 Effective citizenship

Mathematics would sensitize the society and students will be able to understand the concept and use the result to solve the problem.

PO4 Ethics

Mathematics is used by many ways in day to day life. Our department throughout the years tried to inculcate the values or ethics among the students through various ways.

PO5 Self directed and lifelong learning

Dependancy is cursed is being highlighted to the students in order to make them independent, intellectually, mentally, physically, financially.

M. J. Ware
Ware D. Y.

Principals
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COURSE OUTCOMES (COS)

Principals

Principal

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2.6.2



संभाजी महाविद्यालय (कला , वाणिज्य व विज्ञान)

मुळूड. ता.जि. लातूर

मराठी विभाग - पदवी व पदव्युत्तर

Course Outcomes (COs)

- CO1 - साहित्य व कलेबद्दलची अभिरुची
- CO2 - सर्जनात्मक लेखनाचे सूचन
- CO3 - मराठी भाषेच्या दृष्टीने असणारी व्यवहारिक कौशल्ये
- CO4 - मराठीची भाषिक कौशल्ये
- CO5 - माध्यमातील लेखन व संवाद कौशल्य
- CO6 - भाषा व साहित्य संशोधनाची दृष्टी
- CO7 - मराठीतील सर्जनात्मक लेखन व संवर्धन
- CO8 - समकाळातील विविध रोजगाराची क्षेत्रे लक्षात घेऊन त्याला पूरक असणाऱ्या अभ्यास
घटकांचा समावेश
- CO9 - मराठी भाषा , साहित्य , समाज व संस्कृतीचा तुलनात्मक अभ्यास
- CO10 - भाषिक संशोधने

प्रा. सौ. महाजन पी. बी.

एन. फिल., नेट

मराठी विभागप्रमुख

संभाजी महाविद्यालय मुळूड-413510

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2.6.2


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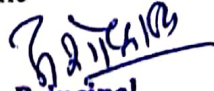
Course Outcomes (COs)

Department of English

According to NIP-2020, Course Outcomes are essential in order to accomplish the program Outcomes and program specific Outcomes. During the Course Students will be enabled to acquaint the basic structure of the course. It means that the course outcomes try to introduce the primary, secondary and tertiary level of understanding the course.

- CO1- The Course Outcome would introduce the introductory nature of the Course Discipline.
- CO2- The Course Outcome would stress upon the nature of the Course Discipline.
- CO3- The Course Outcome would enable the students to classify the Course Discipline.
- CO4- The Course Outcome would enable the students to judge the interdisciplinary and multi-disciplinary approaches of Course Discipline.
- CO5- The Course Outcome would touch the historical Significance of the Course Discipline.
- CO6- The Course Outcome would enable the students to describe the Course Discipline with suitable examples.
- CO7- The Course Outcome would enable the students to identify the characteristics of the Discipline according to its classification.
- CO8- The Course Outcome would enable the students throughout the Course to bifurcate the classification and characteristics of the Discipline.
- CO9- The students would understand the application of the Discipline in case of its utility and economic significance.
- CO10- The Course Outcome would highlight the relevancy of the knowledge and its application.


Dr. Meena Kadam


Principal
Sambhaji College (Arts, Com. & Sci.),
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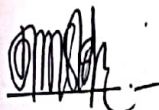
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Course Outcomes (COs)

Department of Public Administration

According to NEP-2020, Course Outcomes are essential in order to accomplish the program Outcomes and program specific Outcomes. During the Course Students will be enabled to acquaint the basic structure of the course. It means that the course outcomes try to introduce the primary, secondary and tertiary level of understanding the course.

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- CO6- The Course Outcome would enable the students to describe the Coerse Discipline with suitable examples.
- CO7- The Course Outcome would enable the students to identify the characteristics of the Discipline according to its classification.
- CO8- The Course Outcome would enable the students throughout the Course to bifurcate the classification and characteristics of the Discipline.
- CO9- The students would understand the application of the Discipline in case of its utility and economic significance.
- CO10- The Course Outcome would highlight the relevancy of the knowledge and its application.


प्र. डॉ. चक्रे एम. व्ही.


प्र. पं. पं. र. ए. ए.


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Course Outcomes (COs)

Department of Sociology

According to NEP-2020, Course Outcomes are essential in order to accomplish the program Outcomes and program specific Outcomes. During the Course Students will be enabled to acquaint the basic structure of the course. It means that the course outcomes try to introduce the primary, secondary and tertiary level of understanding the course.

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- CO9- The students would understand the application of the Discipline in case of its utility and economic significance.
- CO10- The Course Outcome would highlight the relevancy of the knowledge and its application.

A handwritten signature in black ink, appearing to be 'S. S. S.', is located below the list of course outcomes.

A handwritten signature in black ink, appearing to be 'Rajendra A. B. S.', is written above the printed name of the Principal.
Principal
Sambhaji College (Arts & Comm.)
Murud, Tq. & Dist. & Tur (M.S.) 413 201



Department of Economics

course outcomes

F.Y.B.A.	Economy of Maharashtra	<p>Students can describe and compare Maharashtra economy and developed economies</p> <p>Analyze Maharashtra Agricultural, Industrial & service sector of various aspects.</p> <p>Students can understand various aspects of Maharashtra planning system.</p> <p>To create awareness among the students of Maharashtra economic policy and challenges.</p>
.Y.B.A.	Micro Economics	<p>In this paper student is expected to understand the behavior of an economic agent, namely a consumer, a producer, a factor owner and the price fluctuation in a market.</p> <p>Student can understand the nature and scope of micro economics, the theory of consumer behavior and analysis of production function.</p> <p>Student can understand the price formation in different markets structures and the equilibrium of a firm and industry.</p>
S.Y.B.A.	Macro Economics	<p>The paper entitled macro economics is designed to make an undergraduate student aware of the basic theoretical framework underlying field of macro economics.</p> <p>Student can understand various concept of National income, Theory's of Employment, concept of Inflation, Deflation, Business cycles and Macro economics objectives and policies.</p>
S.Y.B.A.	Economics Development	<p>In this paper student is expected to understand indicators of economic development and growth.</p> <p>Student can study and understand various development theories and development approaches.</p> <p>Student can understand concept of Developed and Developing countries, constraints on development process and economic planning.</p>
		<p>In this paper provides the students deep knowledge about the basic principles of International Economics</p>

T.Y.B.A.	International Economics	To study the theories of International trade
		To understand and highlight the trends and challenges faced by nations in a challenging global environment.
		To understand the trends in India's external sector.
T.Y.B.A.	Public Finance	Student can understand meaning, nature and scope of public finance.
		Enable students to identify causes of increase in public expenditure & effects of public expenditure.
		Students can analyze Indian Tax structure.
		Student can understand the union budget and also state budget.
T.Y.B.A.	International Economics	In this paper provides the students deep knowledge about the basic principles of International Economics.
		To study the theories of International trade.
		To understand and highlight the trends and challenges faced by Nations in a challenging global environment.
		To understand the trends in India's external sector.
T.Y.B.A.	Indian Economy	Students can describe and compare Indian economy and developed economics
		Analyze Indian Agricultural, Industrial & service sector of various aspects.
		Students can understand various aspects of Indian planning system.
		To create awareness among the students of Indian economic policy and challenges.
T.Y.B.A.	Industrial Economics	Students can describe and compare Indian Industry and other century Industry
		Analyze Indian, Industrial & service sector of various aspects.
		To create awareness among the students of Indian Industry Manufacture product

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Suryawanshi . A.V.
Dept. of Economics




SAMBHAJI COLLEGE (ARTS & COMM.), MURUD.

Course Outcomes (COs)

Department of Political Science

According to NEP-2020, Course Outcomes are essential in order to accomplish the program Outcomes and program specific Outcomes. During the Course Students will be enabled to acquaint the basic structure of the course. It means that the course outcomes try to introduce the primary, secondary and tertiary level of understanding the course.

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Charan D.R.

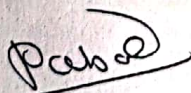

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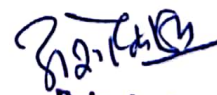
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Dept. of Commerce

Course outcomes are different from one to another Course

- CO 1 Regards the primary nature of the Course Discipline (CD)
- CO 2 Nature and scope of the CD will be highlighted at the best
- CO 3 Classifications of the CD will be highlighted and rendered
- CO 4 Major classification of the CD will be highlighted
- CO 5 Major branches of the CD will be highlighted
- CO 6 Genral Perception of the course will be highlighted
- CO 7 Identification of the CD characteristics
- CO 8 Coordination of the Classifications and Characteristics
- CO 9 Utility / Application of the Course discipline
- CO 10 Relevancy of the Course discipline



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Course Outcomes

CO 1 The course outcomes would be

Understand Newton's laws of motion the concept of linear and angular momentum and estimate uncertainty's in measured values.

CO 2 The course outcomes would be

Acquire knowledge about the concept of Galileo and uniform ly accelerating system.

CO 3 The course outcomes would be

Acquired knowledge of the basics of PN junction diode zener diode and their application biasing methods etc .

CO 4 The course outcomes would be

Familiarise with Apparatus for mechanical Electrical magnetic and optical experiments.

CO 5 The course outcomes would be

Develop skill in setting up of apparatus for accurate measurement of physical quantities.

CO 6 The course outcomes would be

Determine probability of finding a particle and expectation values of variable using it wave function.

CO 7 The course outcomes would be

Acquired knowledge about how to calculate magnetic field due to current using bio savert and ampere law.

CO 8 The course outcomes would be

Acquired knowledge about how to understand diamagnet paramagnets and ferromagnets.

CO 9 The course outcomes would be

Acquired knowledge about the concept of temperature the Thermodynamics state and equilibrium.

CO 10 The course outcomes would be

Acquire knowledge about basic concepts of statistical mechanics.

CO 11 The course outcomes would be


Acquired knowledge about Raman effect various regions of spectrum and Quantum theory.

CO 12 The course outcomes would be

Acquired knowledge about interference diffraction lasers and types of lasers .

CO 13 The course outcomes would be

Understand the structure of nuclear and nuclear constituents.


Ms Ashwarya Gopad
Dept. of Physics


Principal
Sambhaji College (Arts, Com. & Sci.),
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Course Outcomes

CO 1- Non-Chordates-I

To describe the general characters, classification and life cycles of selected species from Protozoa, Porifera, Cnidaria, Ctenophora, Platyhelminthes, Nematelminthes

CO 2 Principle of Ecology

To explain the population and its attributes, characteristics of community, structure and functions of ecosystem and concept of biodiversity and wildlife conservation.

CO 3 Non-chordates II-

To describe the general characters and Classification of Annelida, Arthropoda, Mollusca, Echinodermata

CO 4 Cell Biology-

To describe the structure and functions of Endoplasmic Reticulum, Golgi apparatus, Lysosome, Mitochondria, Peroxisomes Cytoskeleton/ Nucleus.

To write an account on cell division and cell signalling.

CO 5 Diversity of Chordates

To write the general characteristics, classification of chordate, pisces, amphibia, reptilian, aves and mammals.

CO 6 Physiology: Controlling and Coordinating Systems

To explain the structure and functions of various tissues, nervous, muscular, reproductive, and endocrine system.

CO 7 Fundamentals of Biochemistry

To explain the structure properties and functional significance of carbohydrates, lipids, protein, nucleic acid and enzymes.

CO 8 Comparative Anatomy of Vertebrates

Realize the importance of integumentary, circulatory, digestive, respiratory, urinogenital and nervous systems in vertebrates. Types of sense organs in vertebrates will be broadly understood.

CO 9 Physiology: Life Sustaining Systems

To explain the structure and mechanism of digestion and respiration, circulation, excretion and blood components.

CO 10 Biochemistry of Metabolic Processes

Comprehensive knowledge of the metabolism involved in carbohydrates, protein, lipids and protein breakdown. Familiarize the mechanisms involved in oxidative phosphorylation

CO 11 Molecular Biology

To describe the process of DNA replication, transcription and translation. Write the post transcriptional modifications and processing of eukaryotic RNA. Explain the regulation in gene and DNA repair mechanism.

CO 12 Principles of genetics

To explain linkage, crossing over and chromosomal mapping. Write the different types of gene mutation. Explain the different types of recombination in bacteria and viruses.

CO 13 Development Biology

To describe the history and different stages of embryonic development and its implications.

CO 14 Evolutionary Biology

To describe the evolutionary concept, theories, population genetics, speciation, origin and evolution of man and its phylogenetic trees.

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Principals

Principal

**Sambhaji College (Arts, Com. & Sci.),
Murud, Tq. & Dist. Latur (M.S.)**



COURSE OUTCOMES

CO 1: The Course Outcomes would be -

To familiarise with general characteristics of microorganisms, history, development and classification methods in microbiology.

CO 2: The Course Outcomes would be -

Describe about microbial nutrition, understanding microscope as well as taxonomic classification.

CO 3: The Course Outcomes would be -

To understand types of staining, distribution of viruses and biomolecules.

CO 4: The Course Outcomes would be -

Write down the nutritional diversity among bacteria, structure, pattern of growth, etc.

CO 5: The Course Outcomes would be -

Gain expertise in microbial aspects of air, water, sewage and milk related to human, animal, plant and environment.

CO 6: The Course Outcomes would be -

Describe about basic immune mechanisms, organs involved in immunity, immunological techniques, antigen antibody reactions.

CO 7: The Course Outcomes would be -

Identify and describe activities of microorganisms in soil which effect decomposition as well as microorganisms that contaminate or create food.

Dr. Y.

S. S. Kulkarni
Principal
Sambhaji College (Arts, Com. & Sci.),
Murud, Tal. & Dist. Latur (M.S.)

CO 8: The Course Outcomes would be -

Describe about various bacterial fungal and viral diseases and its examination by staining, immunological diagnostic methods, preventive measu...

CO 9: The Course Outcomes would be

Develop fairly good understanding about genetic material (DNA & RNA), RNA replication, transformation, transduction and conjugation by which it gets transferred.

CO 10 : The Course Outcomes would be

Describe about enzymes in detail, differentiate between anabolic and catabolic process and different pathways.

CO 11: The Course Outcomes would be

Acquired knowledge about genetic code, ribosomes, concept and types of mutation, genetic engineering.

CO 12: The Course Outcomes would be

Acquired knowledge about extraction and purification fermentation products, study DNA profile, purification of DNA from *S. cerevisiae* microorganisms.

CO 13: The Course Outcomes would be

Developed practical skills for determination of MIC & LD50

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Sambhaji College (Arts, Com. & Sci.),
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Course outcomes

CO1: The course outcome would be :

Understand the morphology, structure importance of algae fungi bacteria viruses.

CO2: The course outcome would be

Train and orient the student in the field of botany and agriculture.

CO 3 : The course outcome would be

Students will be able to present scientific hypothesis and data both orally and in writing in the format that are used by practicing scientist.

CO 4: The course outcome would be

Identify problems and independently proposed solutions using creative approaches acquired through interdisciplinary experience is and a depth and breadth of knowledge exercise in the field of plant identification.

CO 5 : The course outcome would be

Student will be able to Access the primary literature identify it to work for a particular topic and evaluate the scientific content of these works.

CO 6: The course outcome would be

Critically evolution of ideas and arguments by collection relevant information about the plant.

CO 7 : The course outcome would be

Accurately interpretation of collected information and use taxonomical information to evaluate and formulate a position of plant in taxonomy.

CO 8 : The course outcome would be

Students will be able to use the evidences of comparative biology to explain how the theory of evolution of first the only scientific explanation for the unity and diversity of life on earth.

CO 9: The course outcome would be

They will be able to use specific examples of explicate how decent with modification and shaped plant morphology, physiology and life history.

CO 10: The course outcome would be

Students will be able to explain how plants functions at the level of gene, genome cells, tissue, flower, development drawing upon this knowledge they will be able to give specific examples of the physiological adaptation development, reproduction and mode of life cycles followed by different forms of plants.

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COS Course out comes are different form one course to another
Department of mathematics

- CO 1) The course outcomes would apply critical thinking skills to solve problems that can be modelled mathematically to critically ,interpret numerical and graphical data .
- CO 2) The course outcomes would review the algebraic and order properties of real number.
- CO 3) The course outcomes would be able to identify the type of given differential equation and select and apply the appropriate analytical technique for finding the solution .
- CO 4) The course outcomes is to explain the relationship between the derivative of function
- CO5) The course outcomes will learn about fundamental concept of real analysis and vector function and application of different vector differential operators on them .
- CO 6) The course will teach students to understand the basic concept of group theory in abstract algebra.
- CO 7) The course outcomes would describe the basic difference between the rational and real numbers.
- CO 8) The course outcomes would be able to understand and performs simple proof .
- CO 9) The course outcome would evaluate the limits of wide class of real sequences.
- CO 10) The course outcomes would understand linear dependence and independence.

M. J. Ware
Ware D. Y.

Principal
Sambhaji College (Arts, Com. & Sci.),
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Course Outcomes

Co 1 : the course outcomes would be

To understand the basic concept of organic chemistry like functional group nomenclature of various organic compound and concept of aliphatic hydrocarbons .

Co 2 : the course outcomes would be

To understand rules of logarithm rules of drawing graph derivatives integration different the mathematical concept and Si units and their used in solving numerical

Co 3 : the course outcomes would be

General characteristics of S block elements oxides hydroxide carbonate and its complexes .

Co4 : the course outcomes would be

To know the acid and bases by different concept and study of different properties of p block elements.

Co 5 : the course outcomes would be

To impart basic understanding on thermodynamics and electrochemistry .

Co6 : the course outcomes would be

To know the synthesis and reaction of aromatic carboxylic acid sulfonic acid and organometallic compounds .

Co7 : the course outcomes would be

Derive Schrodinger wave equation and understand De Broglie hypothesis and uncertainty principle.

Co 8: the course outcomes would be

Know the classification and reaction of carbohydrates and synthesis and reaction of Nitrogen compounds and characteristic of D block elements.

Co9 : the course outcomes would be

Discuss different types of photochemical process different interhalogen compounds by preparation properties structure and uses.

Co 10: the course outcomes would be

To understand nomenclature of various heterocycles and recognise and comment on different synthetic drug and dyes. Understand synthesis of vitamins pesticides and basic principle of coordination complexes.

Co 11: the course outcomes would be

Know the importance of solutions of non electrolytes and explain the types of magnetic substances and effect of temperature on it.

Co12 : the course outcomes would be

Applies spectroscopic techniques in analysing the structure of simple organic molecules and describe the types of rearrangement.

Co 13 : the course outcomes would be

To understand the basic concept of sugar and alcohol industry.





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