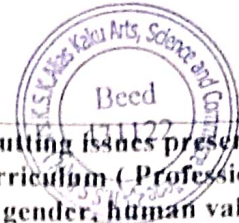


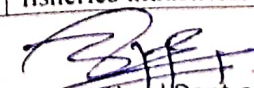
1.3.1- Curriculum Enrichment

Name of the Teacher- Capt. Dr. B.T. Pote

Name of the Department:- Geography



Paper/ Course No. and Name of the Course	Semester	Curriculum Details	Cross cutting issues presents in the curriculum (Professional ethics, gender, human values, environmental and sustainability's in to curriculum)
Physical Geography	I & II	<ul style="list-style-type: none"> ➤ Lithosphere ➤ Earth Movements. ➤ Rocks 	Enable the students to develop a holistic understanding of Lithosphere and Earth movement and Calamities associated with it and life saving measures for reducing the risk during these calamities from group work, enable the students to identify conceptual and critical tools and new technology and basic structures which can be used for reducing the risk of Landslides and loss of life and property.
Landforms Geography-III	I & II	<ul style="list-style-type: none"> ➤ Weathering Process ➤ Geomorphic Agents and processes (River, Glacial, Wind) 	Students will be well informed about types of soils and agents affecting it so that the productive layers of soils wont erode and fertility of it will remain good. The soil near river which is good for cultivation and Glacial landforms and their impacts.
Climatology-VI	III & IV	<ul style="list-style-type: none"> ➤ Various types of pollutions and its impact on social life. ➤ Climate. ➤ Air masses. ➤ Structure of Atmosphere. ➤ Cyclones. 	The basic understanding of environmental hazardous substances and the layers of atmosphere and their pollution. The climatic factors related to rainfall and human induced problems and their solutions. Global warming and the reasons behind it.
Oceanography-VIII	III & IV	<ul style="list-style-type: none"> ➤ Submarine relief. ➤ Oceanic currents and resources. ➤ Oceanic salinity and temperature. 	Continental shelf and habitat for marine life their uses for human being. Students will learn the all measures to stop polluting the ocean water. Coral bleaching and its impact on human health. Minerals which are the part of our day-to-life comes from the ocean and how to use them sustainably. Salinity of oceans and marine fisheries industries.


 Capt. Dr. B.T. Pote Head Dept. of Geography

3.1- Curriculum Enrichment

Name of the Teacher- Dr. Chavan asaram dipaji

Name of the Department:- Geography



Paper/ Course No. and Name of the Course	Semester	Curriculum Details	Cross cutting issues presents in the curriculum (Professional ethics, gender, human values, environmental and sustainability's in to curriculum)
Human Geography.-II	I & II	<ul style="list-style-type: none"> ➤ Man and environment relationship ➤ Tribal groups in India ➤ Stop and Go determinism 	Enable the students to develop a holistic understanding of Human and environment relationship and how it impact on their life. Awareness about Indian tribals and their different cultural for unity in diversity. And how to use natural resources effectively so that our new Generation will also get benefits of it.
Regional Geography of Maharashtra-IV	I & II	<ul style="list-style-type: none"> ➤ Climate of Maharashtra. ➤ Natural vegetation of Maharashtra ➤ Major crops of Maharashtra 	Students will be well informed about the climate of Maharashtra and how people of different area survives in harsh conditions and their problems. The impact of Global warming and destruction of forest and social and natural problems associated with it. Crop patterns of Maharashtra and their yield reduction due to climate change and diseases of crops and environmental impact of it.
Introduction to GIS	III & IV	<ul style="list-style-type: none"> ➤ Data analysis ➤ Application of GIS ➤ Role of GIS in Natural calamities 	The basic understanding of GIS will give student insight into how latest technology can reduce the impact of Natural calamities and preparedness and how to use various application for prediction of natural calamities.
Population	III & IV	➤ Population distribution	Population and its density and

Geography		<ul style="list-style-type: none"> ➤ Sex ratio. ➤ Male-female workforce. ➤ Migration. 	<p>their pros as well as cons Female that male and how to aware Hindu society about it. Increasing the participation of females in workforce and Government initiatives about it. How to stop Brain drain from India to other countries.</p>
Environment Geography -XII	V & VI	<ul style="list-style-type: none"> ➤ Habitat destruction. ➤ Afforestation. ➤ Biodiversity 	<p>Awareness about Animal world and its important. Awareness about wildlife protection act and government initiative about it. To encourage students for planting trees and how to sustain our biodiversity.</p>
Natural Calamities Geog raphy -XVI	V & VI	<ul style="list-style-type: none"> ➤ Landslides, earthquake, volcano. ➤ Disaster management . 	<p>Calamities in India and their vicious impacts on Indian People and Economy. District, state and National level management authorities and their role and how they Act at the time of calamities and measure to prevent loss of life and economy.</p>


Dr. Chavan A.D.

Asst. Professor.

(Department of Geography)

.3.1- Curriculum Enrichment

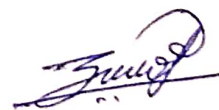
Name of the Teacher- Siddhiki Kaziawez Parwezjahemad

Name of the Department:- Geography



Paper/ Course No. and Name of the Course	Semester	Curriculum Details	Cross cutting issues presents in the curriculum (Professional ethics, gender, human values, environmental and sustainability's in to curriculum)
Physical Geography	I & II	<ul style="list-style-type: none"> ➤ Volcanoes ➤ Earth quakes 	Enable the students to develop a holistic understanding of volcanism and earthquakes and life saving measures for reducing the risk during these calamities from group work, enable the students to identify conceptual and critical tools and new technology and basic structures which can be used for reducing the risk of collapsing the buildings.
Landforms Geography-III	I & II	<ul style="list-style-type: none"> ➤ Weathering Process ➤ Geomorphic Agents and processes ➤ Land use patterns 	Students will be well informed about types of soils and agents affecting it so that the productive layers of soils wont erode and fertility of it will remain good.
Climatology-VI	III & IV	<ul style="list-style-type: none"> ➤ Composition of atmosphere ➤ Various types of pollutions and its impact on social life. ➤ Role of climate in Human life. ➤ Global warming. 	The basic understanding of environmental hazardous substances which can affect human health and what are the safety measures to prevent it. The climatic factors related to rainfall and human induced problems and their solutions. Global warming and its causes
Oceanography-VIII	III & IV	<ul style="list-style-type: none"> ➤ Ocean water and its importance. ➤ Ocean water pollution ➤ Food coming from ocean and sea ➤ Ocean affecting the rainfall patterns ➤ Various minerals from ocean. ➤ Ocean currents 	The life below the sea, ocean on which human life is dependent. Students will learn the all measures to stop polluting the ocean water. Ocean currents and confluence where Ocean life Flourish like fishes and their food. Coral bleaching and its impact on

Geography Of India-XI	V & VI	<ul style="list-style-type: none"> ➤ Indian Monsoon. ➤ Rivers in India ➤ Natural vegetation of India ➤ Habitat loss of animals and its impacts. 	<p>human health. Minerals, which are the part of our day-to-day life comes from the earth and how to use them sustainably.</p> <p>Enable the students learn the pattern of monsoon and its impact on Indian diaspora. River pollution in India and its impact on environment and social life. The problem of Deforestation and habitat loss of animals which can ultimately lead to the Destruction of human existence on planet earth.</p>
Agriculture Geography Of India-XV	V & VI	<ul style="list-style-type: none"> ➤ Introduction of Agriculture in India ➤ Cropping pattern of India ➤ Green revolution. 	<p>It will enable students for understanding the importance of Agricultural and its impact and human life and its impact on environment. Cropping patter and sustainable use of Food and Habit of saving food. The hunger index of India its report and preventive measures for malnutrition and child wasting and child stunting. Green revolution and Problems of food safety.</p>



Siddhiki kaziawez P.

Asst. Professor.

(Department of Geography)

NSSR (N)



Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Arts Commerce Science College Beed


1.3.1 Curriculum Enrichment

Detail on institutional integrating cross cutting issues relevant to professional ethics, gender human values , environmental and sustainabilities into curriculum

Name of Teacher : Dr. Chaudhari V.M .

Name of department : Economic's

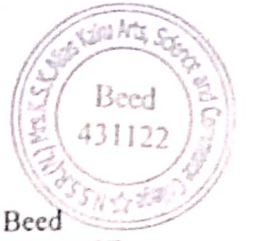
Paper / No. and name of course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics , gender human values, environmental and sustainabilities into curriculum)
B.A I st Economic's Micro Economic's	I	What is Economic's definition and scope	Defination - Lot of need's & five capital into two events adjustment called as Economic's
B.A II nd Macro Economic's	II	Macro Economic's Introduction what distribution.	Distribution land labour, capital and industrialist All - Events.
B.A. III rd Industrial Economics	V	Environment and Industrial Economic's	Environment Economic's & Industrial large scale Industries.


Name of Teacher

डॉ. चौधरी वि.एम.
अर्थशास्त्र विभाग प्रमुख
सी.के.एस.के.महाविद्यालय बीड.

Head

NSSR's (N)



Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Arts, Science and Commerce College, Beed


1.3.1 - Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainability into curriculum.

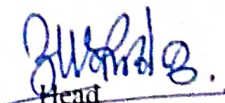
Name of Teacher: professor. RAJH. B.V

Name of the Department: Hindi

Paper/ Course No. and name of the Course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainability into curriculum)
B.A. I OPT कथा साहित्य pap- III	II	परंपरा, संस्कृति, मूल्य, संवर्धन	पर्यावरण शिक्षा, नारी समाजवाद
B.A. II nd Sem सांभाल्य- हिंदी pap- IV	IV	पर्यावरण, पेड़ों का महत्व, भारतीय- मूल्य, संस्कृति का संवर्धन	भारतीय परंपरा, पर्यावरण जागरूकता, देश प्रेम.
B.A. III OPT सांभाल्य साहित्य pap- IX	VI	अध्यात्मिक, सांभाल्य मूल्य परंपरा का- संवर्धन	मानवीय मूल्य का अध्ययन पर्यावरण के मूल्य सांभाल्य मूल्यों का अध्ययन


Name of Teacher

Dr. Rajh. B.V


Head
हिंदी विभाग प्रमुख
सौ.के.एस.के.महाविद्यालय,
बीड (महाराष्ट्र) -431122



1.3.1 - Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainability into curriculum.

Name of Teacher: Professor Dr. Rathod A.H.

Name of the Department: HINDI

Paper/ Course No. and name of the Course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainability into curriculum)
B.A.F. 2. S.L. Paper No. I सामान्य हिंदी	I	कहानी साहित्य 1) प्रेमचंद - पुस की रात 2) प्रसाद - ममता 3) सुदर्शन - हार की जीत	इन कहानियों में मानवी मूल्यों का दर्शन होता है।
B.A.F. 2. Opt. Paper No. II आधुनिक कविता	I	फाव्य कुशुम - कपिला अंग्रेज शहूल अंतकाल - कदम	इन कवियों में देवायुम एवं भारतीय संस्कृति का परिचय। शहूल अंतकाल में मानवी मूल्य।
B.A.S. 2. Opt. Paper No. VI नाटक साहित्य	II	कषीरा खडा धाजार में - श्रीम काहनी नायनाहम का देउर - अलय शुक्ला	इन नाटकों में व्यावसायिक नैतिकता और समाज चिह्निक मूल्य।
B.A.T. 2. Sub Paper No. X आदि तथा मध्य कालीन हिंदी साहित्य का इतिहास	V	आदिकाल माफीकाल वीरकाल	इनमें मानवी मूल्य परंपरा देवायुम संस्कृति आदि का परिचय होता है।

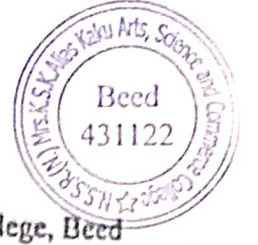
Name of Teacher

Dr. A. H. Rathod

Head

हिंदी विभाग प्रमुख
सी.के.एस.के. महाविद्यालय,
बीड (महाराष्ट्र) -431122

NSSR (N)



Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Arts Commerce and Science College, Beed

1.3.1 - Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of the teacher: Dr. Balasaheb Vishnu Katare

Name of the department: Marathi

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum)
बी. ए. प्रथम वर्ष अभ्यासपत्रिका - 9 अभ्यास आविष्कार	पहिले	संत ज्ञानेश्वर, संत नामदेव, संत एकनाथ, संत तुकाराम, संत सावता माडी, संत गोरामुंगेर, संत जनाबाई, संत मोखाभोज आदी संतांचे जीवन अंश	मावकी मुल्य, जीवनमूल्य, नैतिकता, वैज्ञानिक दृष्टिकोन, पर्यावरणविषयक संवेदन, प्रयत्नकार, श्रमप्रतिष्ठा, मन्त्री माहात्म्य आदी घटनांचा अंतर्भाव प्रस्तुत अभ्यासक्रमात आहे.
बी. ए. प्रथम वर्ष. अभ्यासपत्रिका विवेक - 3 विवेक गद्य	दुसरे	विवेक वृत्ति गद्य - डा. शेणैक-भा उठे !, पं. स. गांधी आत्मनिश्चिंत (गोप) विधानसभेची महि. वि. पत्र, वनजीव विरहित, अस्मानात कायना	धार्मिक व वैज्ञानिक विचार, पर्यावरण संवर्धन, ऐतिहासिक वास्तव जाणव, युवकांचे आत्मज्ञान जागृत करणे आदी मुलांचा समावेश होणे
बी. ए. द्वितीय वर्ष अभ्यासपत्रिका कादंबरी	तिसरे	रत्नांगण - निजात खेडकर जरीष्ट - मजोज बोरगावकर	दुसऱ्या महायुद्धांतर - शाहूजी गावकी मुलांती पडशड रत्नांगण मधून अमोर येणे - येत्याविहीन लोकांला जगलामे राल्फ वॉल्डन मरीष्ट मधून येणे. विद्यार्थ्यांना धार्मिक संवेदन हे घटक महत्त्वाचे ठरवणे

Name of the teacher:


Head

मराठी विभागप्रमुख
सौ. के. एस. के. महाविद्यालय, बीड.



1.3.1 - Curriculum Enrichment

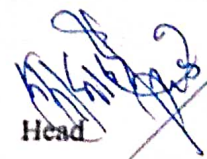
Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of the teacher: DR. Balasaheb Vishnu Katave

Name of the department: Marathi

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum)
बी.ए. द्वितीय वर्ष अभ्यासपत्रिका - ८ साहित्यप्रकाश - नाटक	अन - चौथे	नाटक - संकल्पना, स्वरूप, अर्थ, व्याख्या. इत्यादी कविता - नाटकात अर्थविवरण जलमाला जोड - अर्थपरिचय	ऐतिहासिक आणि पौराणिक धर्मांतर्गत प्रकाश - मानवी मूल्ये प्रकाश सांस्कृतिक जीवन गुंतागुंतीचे प्रकाश. अभ्यास - नाटकाचा प्रकाशपरिचय
बी.ए. द्वितीय वर्ष - अभ्यासपत्रिका - ९ साहित्यप्रकाश	अन-पाचवे/सातवे गोवर्धन साहित्यप्रकाश	साहित्यप्रकाश स्वरूप, साहित्यप्रकाश साहित्याची निर्मिती प्रक्रिया, अर्थविवरण शब्दशक्ति व अर्थविवरण	-
बी.ए. तृतीय वर्ष - अभ्यासपत्रिका - १०	अन-पाचवे/सातवे साधुविज्ञान	साधु - व्याख्या, स्वरूप, वैशिष्ट्ये. साधुसाधनाचा पद्धती, अर्थविवरण, पद्धतिवार, साधुसाधनाचा प्रभावसाधु	सांस्कृतिक तत्त्व, सांस्कृतिक मूल्यसंस्कार, साधुसाधनाचा संस्कार - समाज व्यवहार.

Name of the teacher:


Head

मराठी विभागप्रमुख
ए.के.एस.के. महाविद्यालय, बीड.

Mrs. K.S.K. College Beed
Department of Home Science



Sr.No	Particulars	Class	Paper No.	Paper Name	Related point
1	Human values	B.A.F.Y. Semester I	I	Introduction to Family Resource Management	Values- meaning, definition, sources, importance
2	Environment	B.A.S.Y. Semester III	VI	Textile and Clothing	Natural Dyes-Plant, animal, mineral
3	Professional Ethics	B.A.T.Y. Semester VI	XV	Communication Process in Home Science	Leadership
4	Gender Equality	B.A.T.Y. Semester V	IX	Marriage and Family Dynamics	Laws related to Women, Marriage and Family
5	Professional Ethics	B.A.T.Y. Semester VI	XIII	Adulthood and Old age	Vocational Adjustments

DR. BABASAHEB AMBEDKAR MARATHWADA
UNIVERSITY, AURANGABAD



Name of the Course : B.A. 1st year Home Science
Semester : 1st
Paper No. and Title : 1-Introduction to Family Resource
Management

Unit III : Factors motivating management

Credit

1.0

- a) Values – Meaning, Definition, Sources, Importance
- b) Goals – Meaning, Definition & types.
- c) Standards – Meanings, Definition, Classification & Types
- d) Decision making – Meaning, importance, types, Steps

DR. BABASHAEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD

Name of the Course: B. A. II. Home Science

Semester : IIIrd

Paper No. & Title ; VI Textile and Clothing (Fibre To Fabric)

Unit: III Clothing dyes and printing (Credit 1)

a) Classification of dyes-

i. **Naturals dyes- Plant, Animal, Mineral**

ii. Synthetics dyes- Acid, Direct, Basic, Mordant, Reactive, Vat, Sulphur And disperse. b) Introduction of printing-

i. Direct printing- Roller printing, Block printing and Stencil Printing, Screen
c) Printing

ii. Resist Printing- Bandhani Printing, Batik Printing.

iii. Discharge Printing.

DR. BABASHAEB AMBEDKAR MARATHWADA UNIVERSITY
AURANGABAD



Name of the Course: B. A. III Year. Home Science

Semester: VI

Paper No. & Title; XV-Communication Process in Home Science

Unit IV-Leadership

1. Concept, importance & characteristics
2. Qualities of Leader
3. Functions of leadership in development
4. Roll of leadership in development of Community

DR. BABASHAEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD

Name of the Course: B. A. III Year. Home Science

Semester: V

Paper No. & Title; IX-Marriage & Family Dynamics

Unit IV a) Laws related to Women, Marriage & Family

1. Hindu marriage act, Special marriage act
2. PCPNDT Act, family violence act
3. Sexual harassment at work place (Vishakha) dowry and child marriage

b) Counselling

Scope, definition, importance.

1. Premarital, post marital family and vocational counseling.

**DR. BABASHAEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD**



Name of the Course: B. A. III Year. Home Science

Semester: VI

Paper No. & Title; XII-Human Development (Adulthood & Oldage)

Professional Ethics

Unit I Early Adulthood (age 18 to 40 yrs)

1. Stages of adulthood, characteristics of early adulthood
2. Development tasks and adjustments in early childhood
3. Changes in interests-physical appearance, cloths, money material possession, and recreation, Social.
- 4. Vocational adjustments-selection of vocation, stability in vocation, adjustment to work and achievements**



NSSR (N)

Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Arts Commerce and Science College, Beed

1.3.1 –Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of Teacher: **Dr. Irlapalle Pallavi B.**

Name of the department: **Public Administration**

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum)
B.A.F.Y. INDIAN ADMINISTRATION -I & II	I & II	CONSTITUTION- PREAMBLE, FUNDAMENTAL RIGHTS, FUNDAMENTAL DUTIES, DIRECTIVE PRINCIPLES	GENDER & HUMAN VALUES
B.A.S.Y URBAN LOCAL SELF GOVERNMENT AND OANCHAYAT RAJ & RURAL DEVELOPMENT	III & IV	URBAN PROBLEMS- SLUMS, POLLUTION, WATER SUPPLY, RURAL DEVELOPMENT, GRAM SWACHHATA ABHIYAN INDIRA AWAS YOJNA	HUMAN VALUES SUSTAINABILITIES
B.A.T.Y HUMAN RESOURCE DEVELOPMENT & PUBLIC POLICY AND DEVELOPMENT EDUCATION & HEALTH ADMINISTRATION	V & VI	HIGHER EDUCATION, VALUE EDUCATION SUSTAINABLE DEVELOPMENT, POPULATION SAFE DRINKING WATER, SANITATION OF HYGIENE, NUTRITION	PROFESSIONAL ETHICS, HUMAN VALUES & SUSTAINABILITIES

Name of Teacher: *Dr. Irlapalle P.B.*

Head
H.O.D.

Public Administration
Mrs.K.S.K. College, Beed.

NSSR(N)



Mrs. Kesharbai Sonajirao Kshirsagar Alis Kaku Arts, Commerce and Science College, Beed.


1.3.1 –Curriculum Enrichment

Details institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum.

Name of Teacher:- Dr. Surekha M. Joshi (Ratnaparkhi)

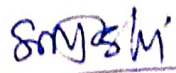
Name of Department :- Music

Paper/course No. & Name of course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum.)
B.A. I (Music) Paper II (Practical- Indian classical music)	I & II	Theory of Ragas and practically presentation of Ragas.	professional ethics to become a Artist, Music teacher, musician, Audio recordist, music composer etc.
B.A. II (Music) Theory Indian classical music.	III & IV	Defination and details of various forms of Music.	professional ethics to become a Artist, Music teacher, musician, Audio recordist, music composer etc.
M.A. II (Music) Paper II Practical- Indian classical music)	I & II	Theory of Ragas and practically presentation of Ragas. Detail study of Indian musical ragas.	professional ethics to become a Artist, Music teacher, musician, Audio recordist, music composer etc.


Name of Teacher
DR. S.M. JOSHI

S. M. Joshi
the Music Dept.
Mrs. K.S.K. College, Beed.

MUSIC
Name of Department


Dr. S. M. Joshi
Head of the Music Dept.
Mrs. K.S.K. College, Beed.

NSSR [N]



Mrs.Kesharbai Sonajirao Kshirsagar Alis Kaku Arts,Commerce and Science College ,Beed.


1.3.1.-Curriculum Enrichment


Details institutional integrating cross cutting issues relevant to professional ethics,gender ,human values,environmental and sustainabilities into curriculum

Name of Teacher - Prof.D.D. Jamdhade

Name of Department - Music

Paper/Course No and Name of course	Semester	Curriculum details	Cross cutting issues present in the curriculum [professionals ethics,gender,human values,environmental and sustainabilities into curriculum.
B.A.III[Music] Paper - I [Theory and Practical	I and II	Theory of Ragas and practically presentation of Ragas.	Professional ethics to become a Artist,music teacher musician,Audio recordist,music composer etc.
B.A.III Paper - II Theory and Practical	I and II	Theory of Ragas and practically presentation of Ragas.	Professional ethics to become a Artist,music teacher musician,Audio recordist,music composer etc.
M.A.I [Music] Paper I,II Theory and Practical	I and II	Theory of Ragas and practically presentation of Ragas.	To professional ethics to become a Artist ,music teacher musician,Audio recordist,music composer etc.


Name of teacher


Dr. S. M. Joshi
Head of the Music Dept.
Mrs.K.S.K.College,Beed.

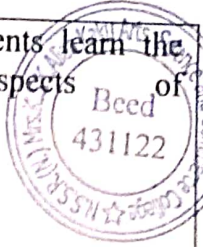
1.3.1- Curriculum Enrichment

Name of the Teacher- **Dr. Sidharth Jadhav**

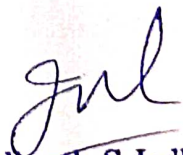
Name of the Department:- **Commerce**



Paper/ Course No. and Name of the Course	Semester	Curriculum Details	Cross cutting issues presents in the curriculum (Professional ethics, gender, human values, environmental and sustainability's in to curriculum)
Business and Industrial Economics	I & II	<ul style="list-style-type: none"> ➤ Business Economics ➤ Consumer Behaviour ➤ Elasticity of Demand ➤ Market Structure ➤ Factor Pricing ➤ Foundation of Indian Business ➤ Business Enterprise ➤ Management and Organization ➤ Leadership and Motivation ➤ Functional area of Management 	Enable the students to develop a holistic understanding of literature from representative works, enable the students to identify conceptual and critical tools for analyzing the works in Business Economics and Industrial Economics , familiarize the students with the diverse schools of poetry, the trends and individual traits to their medium.
Financial Accounting	I & II	<ul style="list-style-type: none"> ➤ Book Keeping & Accountancy ➤ Depreciation ➤ Final A/c of Sole Trader ➤ Hire Purchase System ➤ Royalty A/c ➤ Accounting Principle and Standards ➤ Final A/c of Non Trading Concern ➤ Branch A/c ➤ Departmental A/c ➤ Consignment A/c 	Acquire knowledge of accounting principles and practices be followed in the organization. Equip the students with the basic of accounting followed by various firms.
Cost A/c	III & IV	<ul style="list-style-type: none"> ➤ Cost Account ➤ Elements of Cost ➤ Material ➤ Labour ➤ Overheads ➤ Single or Output Costing ➤ Contract Costing ➤ Operating Costing ➤ Process Costing ➤ Reconciliation 	Develop conceptual understanding of fundamentals of financial accounting, cost accounting and management accounting; familiarize the basic concepts of accounting and its features.
Banking & Insurance	III & IV	<ul style="list-style-type: none"> ➤ Banking Industry ➤ Commercial Banks ➤ Reserve Bank of India ➤ Modern Bank in India ➤ Financial Inclusion ➤ Introduction to Insurance ➤ Life Insurance ➤ General Insurance ➤ Insurance Agency ➤ Recent Trends in Insurance Trends 	Knowledge on Indian banking system and Acts regulating banking operations

Advanced Financial A/c	V & VI	<ul style="list-style-type: none"> ➤ Single Entry System ➤ Final A/c of Banking Company ➤ Final A/c of Insurance Company ➤ Investment A/c ➤ Emerging Technological Trends ➤ Indian Accounting Standards ➤ Farm Accounting ➤ Final A/c of Local Government ➤ Final A/c of Electrical Company ➤ International financial Reporting 	<p>Enable the students learn the functional aspects of accounting</p> 
Auditing & Direct Taxes	V & VI	<ul style="list-style-type: none"> ➤ Introduction of Audit ➤ Audit Planning and Control Process ➤ Voucher and Verification ➤ Company Auditor ➤ Recent Trends in Audit ➤ Income Tax Act 1961 ➤ Income from Salary ➤ Income from Business & Profession ➤ Income from House Property ➤ Income from Capital Gain ➤ Income from other source 	<p>Objective and concepts of auditing and gain working knowledge of generally accepted auditing procedures and of techniques and skills needed to apply them in audit and attestation engagements. The provisions of Income- tax law and gain ability to solve simple problems concerning assesses with the status of "Individual"</p>
Computerized A/c	V & VI	<ul style="list-style-type: none"> ➤ Introduction to Computerized A/c ➤ Fundamental of Computerized A/c ➤ Accounting Vouchers ➤ Accounting Report ➤ GST Functions ➤ Maintain Billwise details ➤ Inventory features ➤ Advanced GST Transaction ➤ TDS 	<p>Equips with fundamental knowledge in Information Technology and its applications in modern enterprises. It also enables to apply Information Technology in business environments and develop end-user computing skills</p>

Professional Ethics- 07 Subjects


Dr. Sidharth S. Jadhav
 Head of Department
 Mrs. K.S.K. College, Beed.

Mrs. K. S. K. College Beed

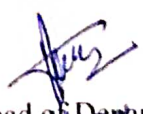


1.3.1 Curriculum enrichment

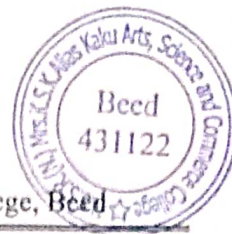
Name of the Teacher-Dr. Khakre P.R

Name of the Department-Chemistry

Paper/Course/No. and Name of the course	Semester	Curriculum details	Cross cutting present in the curriculum (professional ethics, gender, human values, environmental and sustainability's into curriculum
B. Sc F.Y./Applied Chemistry	II nd	Chromatography, synthesis and properties, Manufacture of glass, Analysis of fertilizer	Introduced students with synthesis of medicinal drugs. fertilizers with suitability.
B. Sc S.Y./Applied Chemistry	IV th	fundamental and properties of pigments and dyes.	Professional ethics to inoculate the knowledge for different dyes and pigments
B. Sc T.Y./Inorganic chemistry	VI th	Bioinorganic techniques	Professional ethics to include agriculture and environment awareness
M.Sc. F.Y./Organic Chemistry	I st	To apply the grass paid knowledge in chemical analysis	Compressive core curriculum strong cocurricular covering fundamental principal, this fundamental knowledge is curial solid understanding of the disciplinal Student skill examine specific phenomenon theoretically and experimentally.


Head of Department
Department of Chemistry
Mrs. K.S.K. College, Beed.

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Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Arts Commerce and Science College, Beed


1.3.1 –Curriculum Enrichment

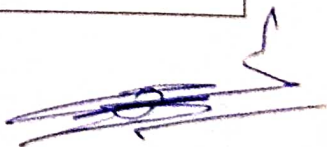
Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of Teacher: Dr. S. M. Talekar

Name of the department: Botany

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum)
Plant Ecology XI	II	Pollution Factors	Professional ethics includes the quality of water, Air and sound pollution.
Genetics and Biotechnology XIX	VI	Biotechnology	Professional ethics Various technic used in Agriculture fields and medicinal fields.
Cell biology and Molecular biology XV	III	Chromosomal aberration	Gender to identify genetic abnormalities.
Crop Genetics and Plant breeding	521 A	Plant breeding	Professional ethics the impairment of crops with Plant breeding.


Name of Teacher: : Dr. S. M. Talekar


Head
Department of Botany,
Mrs.K.S.K. College, Beed.



Mrs. Pesharbai Sonajirao Kshirsagar Alias Kaku Arts Commerce and Science College, Beed 31122

1.3.1 -Curriculum Enrichment

Details of institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of Teacher: Dr. Jogdand S.K.

Name of Department: Botany

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum)
B.sc. S.Y. Botany Paper No. Gymnosperm and utilization of plants.	IV	Geological time scale, Fossils, fossil fuel utilization of plants.	Introduce students with fossil fuels. Environmental and sustainabilities.
B.sc. T.Y. Diversity of Angiosperm & I	V	Unit I - Biodiversity Types of Biodiversity - conservation of Biodiversity.	Environmental awareness.
M.sc. II Botany Plant Tissue culture Bot 525	III	Advanced culture Techniques, Recombinant Techniques.	Professional ethics. To inculcate the knowledge for tissue culture to increase healthy and more yield.

Jogdand
Name of Teacher:

[Signature]
Head



1.3.1-Curriculum Enrichment


Details of Institutional integrating crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, Human Values into the Curriculum

Name of the Teacher: Dr. P. R. Maheshmalkar

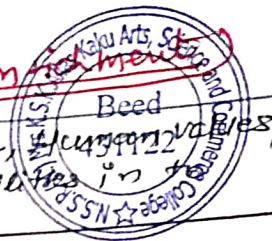
Name of the Department: Physics

Paper/ Course No. and Name of Course	Semester	Curriculum Details	Crosscutting issues Present in the Curriculum (Professional Ethics, Gender, Human Values, Environment and Sustainability's into the Curriculum)
Heat and Thermodynamics	I	Relation between heat and work, different thermodynamic phenomena, thermodynamic laws	We use physics to analyze the contents of the atmosphere, to figure out how the sun's radiation interacts with gases in our atmosphere, to measure the heat inputs and outputs from space, and to predict the weather. Issues of Heat, and Energy Use, Energy transport Human Values and Professional Ethics- To understand the phenomena connected with heat as radiation, conduction, different thermal capacities of substances.
Geometrical and Physical Optics	II	Optical phenomena like Interference, Diffraction and Polarization to various field	Environment And Sustainability- The main objective of this subject is to aware the students about of waves and optics.
Modern and Nuclear Physics	III	Properties of nucleus, nuclear reactions and devices	Environment And Sustainability- To understand the properties of nucleus reactivity. Commercial power generation and waste. Students would be able to pick and choose the best ethical standards and concepts for a given problem.
Solid State Physics	IV	The physical properties of solids in terms of basic physical laws, physics properties linked to the electronic structure.	To develop and apply the knowledge of it in learning new technologies. To improve the logical ability to analyze and solve problems.
Classical and Quantum Mechanics	V	Microscopic and macroscopic behavior of matter	Environment And Sustainability- To know what central, conservative and central-conservative forces mathematically understand the conservative theorems of energy, linear momentum and angular Momentum.
Atomic, Molecular Physics and Laser	VI	Atom, molecules and origin of the spectra The working principle and applications of lasers	Environment And Sustainability- The purpose is to understand the outgrowth of the structure, extra nuclear part of the atom and origin of the spectra.
PHYP/MJ/52# General Nuclear Physics	I	Nucleus, Nuclear structure, reactions, Applications and devices	multidisciplinary effort to examine the problems associated with nuclear technology through ethical frameworks and standards.


Teacher


HOD
Head
Dept. of Physics
Mrs. K.S.K. College, Beed.

Dept. of Sociology (Curriculum & Syllabus)



professional ethics, Gender, Environmental & Sustainability Curriculum.

Paper / Course No. Name of the Course	Semester	Curriculum Detail	
B.A. I ^{yr}	Sem-I	Paper I. Introduction to sociology.	Basic concepts - Unit. III Society, social groups, social - Institution, social system.
B.A. I ^{yr}	Sem-I	Paper - II. Individual and society.	Unit - III - <u>Social stratification</u> Caste system, class system
B.A. I ^{yr}	Sem-II	Paper - IV Indian social composition	Unit - I. Features of Indian society. Values of Indian society. Non violence, Tolerance, coexistence.
B.A. II ^{yr}	Sem-III	Paper - V Problems of Rural India.	Problems Unit - I <u>Institutional Issues:-</u> Problems of Rural Women:- Education, Health
B.A. II ^{yr}	Sem-IV	Paper - VIII Sociology of Development.	Unit - II - <u>Development Issues</u> Gender and Development.
B.A. III ^{yr}	Sem-V	<u>IX - Sociological Traditions</u>	Unit - III. Classical Tradition Karl Marx - class struggle, Historical materialism.
B.A. III ^{yr}	Sem-VI	Paper - NO - <u>XV</u> Social Disorganization in contemporary India.	Unit - II - <u>Violence & Social disorder.</u> Violence against women Terrorism in India.
B.A. III ^{yr}	Sem-VI	Urban society in India <u>XV.</u>	2- <u>Social Problems of Urbanization.</u> Prostitution, Urban family, poverty and Unemployment, slum and Housing problems.

Department Psychology
(Curriculum enrichment)

Paper/ Course No. Name of course	Semester	Curriculum detail	Professional ethics, Gender, Human values, environmental & Sustainability in curriculum.
B.A. I Yr	Sem-I	Paper-NO - I. Introduction to Psychology	I - The science of psychology Counseling psychology, Case study, survey methods.
B.A. I Yr	Sem-II	Paper-NO - II Psychology of Individual - Differences	Unit-04 - conflict & Frustration or causes of Frustration
B. A. I Yr	Sem-II	Paper - NO IV Development Psychology	III - Domain of Human development → Language Development, Physical Development, personality Development etc.



NSSR (N)

Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Arts Commerce and Science College, Beed

1.3.1 -Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of Teacher: Dr. Shrimangale G. W.

Name of the department: Mathematics

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum)
MAT-302 Integral Transform	II	An introduction to integral transform, properties and theorems on it.	Solving differential equations analyzing signals in engineering and physics, and solving problems in heat conduction and wave propagation.
MAT-303 Mechanics-I	II	Forces, resultant of forces, vector moment moment of couples, laws and rules.	Eq Analyzing the force acting on a part particle, equilibrium of forces, force acting on a rigid body.
MAT/MJ/SSSP Latex Typesetting -II	II	Document class, page style, length, space, box etc. making presentation slides in beamer class Latex.	prepare document class, typesetting environment, make presentation and article.

Name of Teacher:

Dr. Shrimangale G. W.

H.O.D

Dept. of Mathematics

Mrs. K.S.K. Alias Kaku College, Beed

Course Code: MAT-302

Course Name: Laplace and Fourier Transforms

Credits:02

Total Periods: 60



Course Objectives:

Student will learn the fundamental properties of Laplace and Fourier transforms.

Course Outcomes:

CO1: Determine Laplace transform for various functions and understand the properties of Laplace transforms

CO2: Determine inverse Laplace transform, properties of inverse Laplace Transform, and solve the problems using convolution theorem

CO3: Determine Fourier transform and understand the properties of Fourier transform, Fourier sine and cosine transforms

CO4: Apply Laplace transform to find solutions of differential equations.

Unit I: Beta Function, Gamma Function and Laplace Transforms

Beta and Gamma functions, Elementary properties of Gamma function, Relation between Beta and Gamma functions. Introduction, Laplace Transform, Important Formulae, Properties of Laplace Transforms, Laplace Transform of the Derivative of $f(t)$, Laplace Transform of the Derivative of Order n , Laplace Transform of Integral of $f(t)$, Laplace Transform of $t f(t)$ (Multiplication by t), Laplace Transform of $1/t f(t)$ (Division by t), Unit Step Function, Second Shifting Theorem, Impulse Function, Periodic Functions, Convolution Theorem, Evaluation of Integrals, Formulae of Laplace Transform, Properties of Laplace Transform.

Unit II: Inverse Laplace Transforms

Inverse Laplace Transforms, Important Formulae, Multiplication by s , Division by s (Multiplication by $1/s$), First Shifting Property, Second Shifting Property, Inverse Laplace Transforms of Derivatives, Inverse Laplace Transform of Integrals, Partial Fractions Method, Inverse Laplace Transform by Convolution.



Unit III: Solutions of Differential Equations and Integral Transforms

Solution of Differential Equations by Laplace Transforms, Solution of Simultaneous Differential Equations by Laplace Transforms

Unit IV: Fourier Transforms

Introduction, Integral Transforms, Fourier Integral Theorem, Fourier Sine and Cosine Integrals, Fourier's Complex Integral, Fourier Transforms, Fourier Sine and Cosine Transforms, Properties of Fourier Transforms.

Recommended Text Book:

1. J.N.Sharma, A. R.Vasishtha: Real Analysis, Krishna Prakashan Media Pvt.Ltd., Meerut.
- 2.H.K.Dass: Advanced Engineering Mathematics, S.Chand & Company Ltd.(2004)

Scope:

Unit I: (Chapter 14) Article 9,10,13 [1]

(Chapter13) Articles13.1 to 13.15, Article 13.17 to 13.19 [2]

Unit II: (Chapter13) Articles13.20 to 13.29 [2]

Unit III: (Chapter13) Articles13.30 to 13.31 [2]

Unit IV: (Chapter14) Articles14.1 to 14.8 [2]

Reference Books:

1. Grove A.C.: An Introduction to Laplace Transforms and Z-Transforms, Prentice Hall 1991.
2. Doetsch G.: Introduction to Theory and Application of Laplace Transforms, Springer Verlag,1990.
3. Murray Spigel: Schaum Outline of Laplace Transforms, Schaum Outline Series, Mc-Graw Hill 2012.
4. Joel L.Schiff: The Laplace Transforms:Theory and Applications, Springer,2008.
5. R.J.Becrends, H.G.Morsche J.C.Vande Berg and E.M.Vande Vrie: Fourier and Laplace Transform,Cambridge Press,2003.



Skill Enhancement Courses

Course Code: MAT-303

Course Name: **Mechanics-I**

Credits:02

Total Periods: 60

Course Objectives:

Students will be able to describe forces, resultant of forces, vector moment of forces, moment of couple, laws and rules

Course Outcomes:

CO1: Describe different types of forces, triangle law of forces, Parallelogram of forces, resultant of forces, sine rule and cosine rule

CO2: Explain resultant of several co-planar forces, equation of the line of action of the resultant, equilibrium of a rigid body under three co-planar forces

CO3: Explain Lami's theorem and polygon of forces

CO4: Explain vector moment of a force and vector moment of couple and describe basic concepts of centre of gravity and its applications

Unit I : Forces Acting on a Particle

Particle, Rigid body, Force, The force as a vector, Equilibrium, An Axiom for the equilibrium of two forces, Statics, Resultant of forces, Law of a parallelogram of forces, Principle of transmissibility of forces, Deductions, Resultant of forces $m.OA$ and $n.OB$, Components and resolved parts, The algebraic sum of resolved parts of two forces, To find the magnitude and direction of the resultant of any number of co-planar forces acting at a point, Resultant of parallel forces.

Unit II: Equilibrium of Forces Acting on a Particle

Triangle law of forces, Converse of the triangle law of forces, Polygon of forces, Lami's theorem, Conditions of equilibrium of forces acting on a particle.



Unit III: Forces Acting on a Rigid Body

Introduction, Moment of a force, Sum of vector moments of two like parallel forces, Couples, Conditions of equilibrium of forces acting on a rigid body, Trigonometrical Theorems.

Unit-IV: Centre of Gravity

Centroid of weighted points, Centre of gravity, Center of gravity of some uniform bodies.

Recommended Text Book:

V.Tulsani, T.V.Warehekar, N.N.Saste: Mechanics and Differential Geometry Second Edition (1987), S.Chand and Co.(Pvt.)Ltd., New Delhi.

Scope: Part-I : Statics

Chapter (1): Complete

Chapter (2): Complete

Chapter (3): Complete

Chapter (4): Articles 4.1 to 4.7

Reference Books:

1. S.L.Loney: An Elementary Treatise on Statics, AITBS Publishers and Distributors, New Delhi.
2. B.R.Thakur, G.P.Shrivastava : Mechanics, Ram Prasad and Sons, Agra-3.
3. M.L.Khanna: Statics, Kedarnath Ramnath Prakashan, Meerut.



Course Code: **MAT/MJ/553P**

Credits: **02**

Max.Marks:50

Course Title: **Latex Typesetting-II**

Contact Hours: **30 (Clock Hours)**

Periods: 30

Course Objectives:

The purpose of this course is to build the skill of preparation of beamer presentation and article/book chapter.

Course Outcomes: Upon successful completion of this course student will be able to

CO1: Prepare document class and typesetting environment

CO2: Make presentation and article.

Course Contents:

Unit-I : Design it yourself: document class, page style, title page, customizing the style, line and page breaking, numbering, length, spaces and boxes, formatting with boxes, centring and flushing, list making environments, changing font type size and special symbols, picture, picture environments, picture objects, text, boxes, straight lines, arrow, stacks, circles, oval, framing, curve, grid, repeat patterns.

Unit-II : Making presentation slides in beamer class LaTeX, various styles in beamer presentation, dynamic slides. PostScript macros for Generic TeX (PsTrix): arguments, dimension, coordinates, angles, line styles, fill styles, custom styles, custom graphics, picture tools, text tricks, node and connection special tricks. Basics of MathJax, Mathjax configuration options.

Reference Books:

1. Kottwitz, S. LaTeX Beginner's Guide. Packt Publishing Ltd., UK, 2011.
2. Leslie L. A Document Preparation System User's Guide and Reference Manual, AddisonWesley Publishing Company, 2001.
3. Tantau,T.: User Guide to the Beamer Class, <http://latex-beamer.sourceforge.net>.
- 4.Oetiker,T.:The Not So Short Introduction to LATEX2E, <https://tobi.oetiker.ch/lshort/lshort.pdf>.

NSSR (N)



Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Arts Commerce and Science College, Beed

1.3.1 - Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of Teacher: Dr. Raut S. R.

Name of the department: Mathematics

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum)
B. Sc. F. Y Maths Paper no - MAT-1012 Geometry	I	Three dimensional Geometry - Plane, Right Line Sphere, cone, cylinders.	Geometrical aspects in space study using three dimensions.
B. Sc. S. Y Maths Paper no -	IV	Kinematics and Dynamics of a particle. Motion of a projectile	Awareness about Mathematics related to projectile motion.
M. Sc. II Maths Paper - MAT/MS 503P	I, II	Latex typesetting - I Preparing input Defining commands and environments	Student will be able to create or import graphics

Name of Teacher:

HEAD.
Dept. of Mathematics
Mrs. K.S.K. Alias Kaku College, Beed

B.A./B.Sc. First Year
Semester – I
MAT-101: Geometry



(No. of Periods:60, Max.Marks: 50)

Course Description: This course provides elementary-level knowledge of Three-dimensional geometries especially plane, right line, sphere, cone, and cylinder.

Course Objectives: General objectives are to study three-dimensional geometry, plane, right line, sphere, cone and cylinder along with their properties and interpretations.

Course Outcomes: After successful completion of this course. The student will be able to identify and study equation of plane. Basic idea of lines, sphere, cones and cylinders.

Unit- I. The Plane:

Equations of the first degree in x, y, z , transformation to the normal form, determination of the plane under given conditions, equations of the plane through three given points, systems of planes, length of the perpendicular from a point to a plane. (15 Periods)

Unit-II. Right Line :

Equations of a line, equations of a straight line in terms of its direction cosines and the co-ordinates of a point on it, equations of a line through two points, symmetrical and unsymmetrical forms of the equations of a line, transformation of the equations of a line to symmetrical form, angle between a line and a plane. (10 Periods)

Unit-III. Applications of Right Line:

The condition that a given line may lie in a given plane, the condition that two given lines are coplanar, number of arbitrary constants in the equations of a straight line, sets of conditions which determine a line, the shortest distance between two lines, the length and equations of the line of shortest distance between two straight lines, length of perpendicular from a given point to a given line. (10 Periods)

Dr. Bhausaheb R. Sontakke
Chairman,
Board of Studies in Mathematics,
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad (M.S.)



Unit-IV.Sphere:

Definition and equations of the sphere, equation of the sphere through four given points, plane section of a sphere, intersection of a spheres, equations of two spheres, equation of a circle, sphere through a given circle, intersection of a sphere and a line. (15 Periods)

Unit –V.Cones and Cylinders:

The right circular cone, equation of a right circular cone, the right circular cylinder, equation of a right circular cylinder. (10 Periods)

Recommended Text Book:

[1] Shanti Narayan and P. K. Mittal: Analytical Solid Geometry, S. Chand and Company Ltd, New Delhi, Seventeenth Edition, 2013.

Scope:

Chapter 2: Articles 2.1, 2.3, 2.32, 2.4, 2.41, 2.42, 2.5, 2.7

Chapter 3: Articles 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.2 to 3.5, 3.6, 3.61, 3.7

Chapter 6: Articles 6.1, 6.1.1, 6.1.2, 6.1.3, 6.2, 6.3.1, 6.3.2, 6.4, 6.4.1, 6.5

Chapter 7: Articles 7.6.1, 7.6.2, 7.8.1, 7.8.2

Reference Books:

1. Text Book of Coordinate Geometry, By Gorakh Prasad and H. C. Gupta, Pothishala Pvt. Ltd. Allahabad, 2000.
2. The Elements of Coordinate Geometry, By S. L. Loney, Mc-Millan and Company, London, 1895.
3. A Text Book of Analytical Geometry of Three dimensions, By P. K. Jain and Khalil Ahmad, Wiley Eastern Ltd. 2018.
4. Elementary Treatise on Co-ordinate geometry of three Dimensions by R.J.T. Bell, Mac Millan India Ltd.

Skill Enhancement Courses



Course Code: MAT-403

Course Name: **Mechanics-II**

Credits:02

Total Periods: 60

Course Objectives:

Students will be able to find the velocity, acceleration, speed, angular momentum, field of force and motion under gravity.

Course Outcomes:

CO1: Find velocity and acceleration in terms of vector derivatives, curvature, Angular speed and angular velocity

CO2: Describe Radial and Transverse components of velocity and acceleration, areal speed and velocity

CO3: Explain Newton's Law of motion, angular momentum, work, energy, vector point function, Field of force.

CO4: Describe motion under gravity, projectile, Motion of projectile, Parabola of safety, motion in resisting medium, areal velocity of central orbit, Pedal's equation.

Unit-I: Kinematics and Dynamics of a Particle in two Dimensions

Introduction, Definitions, Velocity and acceleration in terms of vector derivatives, Tangent and unit vector along the tangent, Rate of change of unit vector moving in a plane, Curvature, principal normal, Tangential and normal components of velocity and acceleration, Angular speed and angular velocity, Radial and transverse components of velocity and acceleration, Areal speed and areal velocity.

Unit-II: Kinetics of a Particle

Introduction, Newton's law of motion, Matter, Linear momentum, Angular momentum, An Impulsive force and its impulse, Conservation of linear momentum, Impact of two bodies, Work, Energy, Scalar point function, Vector point function, Field of force, Conservative field of force.



Unit-III : Motion of a Projectile and Motion in a Resisting Medium

Rectilinear motion, Motion under gravity, Projectile, Motion of projectile, Range on an inclined plane, Parabola of safety, Projectile to pass through a given point, Motion in a resisting medium, Motion of a body moving under gravity and in a medium whose resistance varies as velocity.

Unit-IV: Central Orbits

Definitions, Areal velocity in central orbit, Differential equation of central orbit, Apses, Law of force, Pedal equation of some curves.

Recommended Text Book:

V.Tulsani, T.V.Warehekar, N.N.Saste: Mechanics and Differential Geometry Second Edition (1987) , S.Chand and Co.(Pvt.)Ltd., New Delhi.

Scope: Part-II : Dynamics of a Particle

Chapter (1): Complete

Chapter (2): Complete

Chapter (3): Complete

Chapter (4): Articles 4.01 to 4.10

Reference Books:

- 1. S.L.Loney:** An Elementary Treatise on Statics, AITBS Publishers and Distributors, New Delhi.
- 2. B.R.Thakur, G.P.Shrivastava :** Mechanics, Ram Prasad and Sons, Agra-3.
- 3. M.L.Khanna:** Dynamics, Kedarnath Ramnath Prakashan, Meerut.



Course Code: MAT/MJ/503P

Credits: 02

Max.Marks:50

Course Title: Latex Typesetting-I

Contact Hours: 30 (Clock Hours)

Periods: 30

Course Objectives:

The purpose of this course is to acquaint students with the latest typesetting skills.

Course Outcomes:

CO1: Typeset mathematical formulas, use nested list, tabular & array environments,

CO2: Create or import graphics.

Course Contents:

Unit-I

Preparing an input file, sentences and paragraphs, the document class, sectioning, display material, running Latex, changing the type style, producing mathematical symbols and mathematical formulae, arrays, delimiters, multiline formulae, putting one thing on other, spacing in math mode.

Unit-II

Defining command and environments, producing and including graphics in a Latex file, figures and other floating bodies, lining it up in columns, table of content, cross-reference, bibliography and citation, making index and glossary, slides, overlays and notes, letters.

Reference Books:

1. Kottwitz, S. LaTeX Beginner's Guide. Packt Publishing Ltd., UK, 2011.
2. Leslie L. A Document Preparation System User's Guide and Reference Manual, AddisonWesley Publishing Company, 2001.
3. Tantau, T.: User Guide to the Beamer Class, <http://latex-beamer.sourceforge.net>.
4. Oetiker, T.: The Not So Short Introduction to LATEX2E, <https://tobi.oetiker.ch/lshort/lshort.pdf>.

Mrs. K.S.K. College Beed

Department of Home Science



Sr.No	Particulars	Class	Paper No.	Paper Name	Related point
1	Human values	B.A.F.Y. Semester I	I	Introduction to Family Resource Management	Values-meaning, definition, sources, importance
2	Environment	B.A.S.Y. Semester III	VI	Textile and Clothing	Natural Dyes-Plant, animal, mineral
3	Professional Ethics	B.A.T.Y. Semester VI	XV	Communication Process in Home Science	Leadership
4	Gender Equality	B.A.T.Y. Semester V	IX	Marriage and Family Dynamics	Laws related to Women, Marriage and Family
5	Professional Ethics	B.A.T.Y. Semester VI	XIII	Adulthood and Old age	Vocational Adjustments

M. Khandat
23.10.23
Dr. Maya Khandat
Research Guide
HOD, Dept. of Home Science
Mrs. K.S.K. College, Beed. (MH.)

**DR. BABASAHEB AMBEDKAR MARATHWADA
UNIVERSITY, AURANGABAD**



Name of the Course : B.A. 1st year Home Science
Semester : 1st
Paper No. and Title : I-Introduction to Family Resource
Management

Unit III : Factors motivating management

Credit

1.0

- a) Values – Meaning, Definition, Sources, Importance
- b) Goals – Meaning, Definition & types.
- c) Standards – Meanings, Definition, Classification & Types
- d) Decision making – Meaning, importance, types, Steps

**DR. BABASHAEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD**

Name of the Course: B. A. II. Home Science

Semester : IIIrd

Paper No. & Title ; VI Textile and Clothing (Fibre To Fabric)

Unit: III Clothing dyes and printing (Credit 1)

a) Classification of dyes-

i. Naturals dyes- Plant, Animal, Mineral

ii. Synthetics dyes- Acid, Direct, Basic, Mordant, Reactive, Vat, Sulphur And disperse. b) Introduction of printing-

i. Direct printing- Roller printing, Block printing and Stencil Printing, Screen
c) Printing

ii. Resist Printing- Bandhani Printing, Batik Printing.

iii. Discharge Printing.



**DR. BABASHAEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD**

Name of the Course: B. A. III Year. Home Science

Semester: VI

Paper No. & Title; XV-Communication Process in Home Science

Unit IV-Leadership

1. Concept, importance & characteristics
2. Qualities of Leader
3. Functions of leadership in development
4. Roll of leadership in development of Community

**DR. BABASHAEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD**

Name of the Course: B. A. III Year. Home Science

Semester: V

Paper No. & Title; IX-Marriage & Family Dynamics

Unit IV a) Laws related to Women, Marriage & Family

1. Hindu marriage act, Special marriage act
2. PCPNDT Act, family violence act
3. Sexual harassment at work place (Vishakha) dowry and child marriage

b) Counselling

Scope, definition, importance.

1. Premarital, post marital family and vocational counseling.



**DR. BABASHAEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD**

Name of the Course: B. A. III Year. Home Science

Semester: VI

Paper No. & Title; XII-Human Development (Adulthood & Old age)

Professional Ethics

Unit I Early Adulthood (age 18 to 40 yrs)

1. Stages of adulthood, characteristics of early adulthood
2. Development tasks and adjustments in early ^{adulthood -} childhood
3. Changes in interests-physical appearance, cloths, money material possession, and recreation, Social.
4. Vocational adjustments-selection of vocation, stability in vocation, adjustment to work and achievements



बी. ए./ बी. एस्सी. / बी. कॉम./ बी. एफ. ए./ बी. एस. डब्ल्यू प्रथम वर्ष प्रथम सत्र (सत्र 1971-72)

(द्वितीय भाषा)

प्रश्नपत्र - सामान्य हिन्दी

HIN SL - AECC - 1

अंक 50

उद्देश्य :

- साहित्य संवेदनाओं का विकास करना।
- हिन्दी कहानी का सामान्य परिचय करना।
- कहानी का रसास्वादन एवं सृजन क्षमता का विकास करना।
- भाषा कौशल का विकास करना।
- अध्ययन-अध्यापन पद्धति

- 1) व्याख्यान
- 2) एक-श्राव्य माध्यम
- 3) सेमिनार
- 4) चर्चासत्र

पाठ्यक्रम :

अ) कहानी साहित्य

पाठ्यपुस्तक - 1) कथा साहित्य - सम्पादक हिन्दी अध्ययन मण्डल, वाणी प्रकाशन, नई दिल्ली

पाठ्यक्रम में समाविष्ट कहानियाँ :-

1. प्रेमचन्द - पूस की रात
2. जयशंकर प्रसाद - ममता
3. सुदर्शन - हार की जीत
4. अन्वयगोचरण वर्मा - मुगलों ने सन्ततत बरखा दी
5. फणीश्वरनाथ रेणु - तीसरी कामरा
6. जगन्मोहन - डिप्टी कमलटी
7. मोहन राकेश - आर्द्रा
8. चर्चोत्तर भारती - गुलकी बन्नी
9. मन्नू भण्डारी - यही सच है
10. उषा प्रियंवदा - तापसी
11. रमणिका गुप्ता - दास दिया सच
12. स्वदेश दीपक - रफूजी

आ) हिन्दी भाषा :

1. हिन्दी भाषा उद्गम और विकास : सामान्य परिचय
2. हिन्दी मानक वर्णमाला एवं अंक लेखन
3. व्याकरणिक कोटियाँ- नियम, वचन, कारक
4. भाषा कौशल - श्रवण, भाषण, वाचन एवं लेखन

सन्दर्भ ग्रन्थ :

- 1) हिन्दी कहानी के शौ वर्ष - डॉ. एन. एम. सण्णी, जवाहर पुस्तकालय आगरा
- 2) हिन्दी कहानी. अन्तरंग पहचान - रामदत्त मिश्र, वाणी प्रकाशन, नई दिल्ली
- 3) समकालीन कहानी तथा परिप्रेक्ष्य - पुष्पपाल सिंह, सांख्यिक प्रकाशन, नई दिल्ली
- 4) हिन्दी भाषा का उद्गम और विकास - उदयनारायण तिवारी, लोकभारती प्रकाशन, नई दिल्ली
- 5) भाषा विज्ञान - सामान्य तिकाएँ वाणी प्रकाशन, नई दिल्ली
- 6) भाषा शिक्षण - डॉ. हनुमानचरण पटिल, डॉ. सुधाकर शंकर, विद्या प्रकाशन, नई दिल्ली
- 7) व्यावहारिक हिन्दी व्याकरण हरदेव वाहरी लोकभारती प्रकाशन, इलाहाबाद
- 8) प्रयोजनमूलक हिन्दी - डॉ. माधव सोनटकर, लोकभारती प्रकाशन, इलाहाबाद
- 9) व्यावहारिक हिन्दी - डॉ. माधव सोनटकर, लोकभारती प्रकाशन, इलाहाबाद
- 10) प्रयोजनमूलक हिन्दी - डॉ. अंबादास देशमुख, शैलजा प्रकाशन, कलकत्ता

अंक - 30

अंक 20

जो अधिक गिनित

विभागाध्यक्ष, हिन्दी विभाग, अलीगढ़

बी.ए. / बी. कॉम. / बी. एस्सी. / बी. एफ. ए. / बी. एस. इत्यादि



द्वितीय वर्ष, चतुर्थ सत्र
BA II - IV Sem
(द्वितीय भाषा) सामान्य हिंदी

प्रश्नपत्र - 4

HINDI SL - AECC - 4

उद्देश्य :

- गद्य साहित्य के पठन - पाठन की अभिरुचि को विकसित कराना।
- छात्रों में व्यक्तिगत, सामाजिक तथा राष्ट्रीय मूल्यों के प्रति जागृति कराना।
- भाषा के स्वरूप और अवधारणा को समझाना।
- हिंदी के प्रयोजनपरक आयामों का परिचय कराना।
- छात्रों में भाषिक कौशल विकसित कराना।

अध्ययन अध्यापन पद्धति :

- व्याख्यान, चर्चा - परिचर्चा, संवाद पद्धति।
- लेखन एवं पठन कौशल वृद्धि के लिए अभ्यास।
- अध्यापन में नव-इलेक्ट्रॉनिक माध्यमों का आवश्यकतानुरूप प्रयोग।
- मौखिक प्रश्नोत्तर, गृहकार्य, इकाई लिखित परीक्षा संयोजन मूल्यांकन।

पाठ्यक्रम

पाठ्यपुस्तक :

- अ) गद्य विभा : संपादक, हिंदी अध्ययन मंडल,
डॉ. बाबासाहेब आंबेडकर मराठवाडा विश्वविद्यालय, औरंगाबाद।

पाठ्यक्रम में समाविष्ट रचनाएँ : पयकिरठा के प्रती संवेरना की हारि

1. पर्यावरण : हमारे जीवन में वनों का महत्त्व - कन्हैयालाल माणिकलाल मुन्शी
2. व्यंग्य : प्राइवेट कॉलेज का घोषणा-पत्र - हरिशंकर परसाई
3. ललित निबंध : माँ की लोरी; रस की गागर - श्रीराम परिहार
4. जीवनी अंश : धरती और धान - पाण्डेय बेचन शर्मा 'उग्र'
5. एकांकी : सूखी डाली - उपेन्द्रनाथ अशक



3. संस्कारण - वैशिवीकरण गुण - मृदुली तम
4. निबंध - मनुष्य की सर्वोत्तम कृति - साहित्य - हमारी प्रभात दृष्टि
5. वाचा साहित्य - साहित्यिकेक्षण में - एकुत संस्कृतमम

आ) प्रयोजनमूलक हिंदी - व्यावसायिक मैतिकता का कोश (संग्रह)

1) भाषा का स्वरूप

- अ) भाषा अर्थ, परिभाषा और स्वरूप
- आ) भाषा की विशेषताएं
- इ) भाषा के वर्ग
- ई) भाषा के विविध रूप (बोली, विभाषा, राजभाषा, राष्ट्रभाषा, मातृभाषा, प्रयोजनमूलक भाषा)

2) हिंदी भाषा

- अ) भारत की संवैधानिक और अधिकारिक भाषाएँ
- आ) हिंदी भाषा क्षेत्र और बोलियों का सामान्य परिचय
- इ) हिंदी भाषा का वैश्विक परिदृश्य

3) अनुवाद

- अ) अनुवाद : अर्थ, परिभाषा और स्वरूप
- आ) अनुवाद प्रक्रिया
- इ) अनुवाद के प्रकार
- ई) अनुवाद के गुण
- उ) अनुवाद : करियर की सम्भावनाएँ

संदर्भ ग्रंथ :

1. साहित्य विधाओं की प्रकृति : देवी शंकर अवस्थी
2. हिंदी गद्य : विन्यास और विकास : डॉ. रामस्वरूप चतुर्वेदी
3. हिंदी का गद्य पर्व - डॉ. नामवर सिंह
4. हिंदी के अद्यतन अनुप्रयोग : डॉ. माधव सोनटक्के
5. भाषा विज्ञान तथा हिंदी भाषा का इतिहास - डॉ. हनुमंत पाटील/डॉ. सुधाकर शेटकी
6. प्रयोजनमूलक हिंदी आधुनातन आशाम - डॉ. अंबादास देसमुख

प्रो. अमर्ष पाटील
 प्राचार्य, हिंदी शाला, दिल्ली

वी.ए. तृतीय वर्ष

पेपर क्र. IX - प्रादेशिक साहित्य

पंचम सत्र (Semester-V)



उद्देश्य	:		
	१	साहित्य अस्वादन-अभिरुचि का परिसंस्कार	
	२	जीवन मूल्यों के प्रति आस्था	
	३	प्रादेशिक साहित्य का ज्ञान	
	४	भारतीय साहित्य का अध्ययन	
अध्ययन-अध्यायन पद्धति	:		
	१	व्याख्यान पद्धति	
	२	लेखन एवं पठन कौशल विकास के लिए अभ्यास	
पाठ्यक्रम	:	अ. मराठी साहित्य	
	१	मराठी का कहानी साहित्य : सामान्य परिचय	
	२	दलित आत्मकथा साहित्य : सामान्य परिचय	मानकी मूल्यों का कोश स्व-समता विकास
पाठ्यपुस्तके:			
	१	प्रतिनिधि कहानी : मराठी संपा: डॉ. माधव सोनटक्के, राजकमल प्रकाशन, नई दिल्ली	
	२	पराया: लक्ष्मण माने अनुवादक डॉ. दामोदर खडसे साहित्य अकादमी, रवीन्द्र भवन, फीरोजशाहा रोड, नई दिल्ली	मानकी मूल्य

NSSR (N)

Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Arts Commerce and Science College, Beed

1.3.1- Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of the Teacher: Prof. R.M. Gulve

Name of the Department: Microbiology

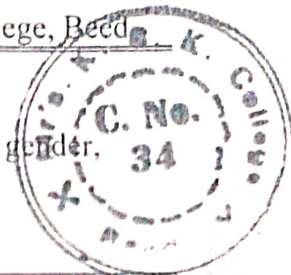
Paper/ Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the Curriculum (ethics, gender, human values, environmental and sustainabilities into curriculum)
MCB-311 Environ- -mental microbio- -logy.	S. Y. B.Sc. III.	Air, water & Soil: Pollution, Diseases, Purification Sewage treat- -ment.	Environmental pollution & bioremedia- -tion techniques. greener approach to resolve pollution problems.
MCB-612 Industrial Microbiolo- -logy.	B.Sc T. Y. VI	Fermentation techniques; equipment; QC; QA pro- -cedures.	- Production of value added products for mankind.
XIII Recombinant DNA technology	M.Sc. S. Y.	Chimeric DNA technique; Steps Screening of recombinants Production of vaccines	Ethical issues regarding gene pool.

Name of the Teacher: Prof. R.M. Gulve.

Rme

Head
Head

Dpt. of Microbiology
Mrs. K.S.K. College Beed



1.3.1 – Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainability into curriculum.

Name of Teacher: All Faculty

Name of the Department: Zoology

Paper/ Course No. and name of the Course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainability into curriculum)
B.Sc.			
Paper - I Animal Diversity-I (Protozoa to Echinodermata)	I	General organization, diversity and adaptations of animals	Importance of biodiversity conservation. (Environmental Ethics)
Paper - II Cell Biology	I	Structure and function of animal cell, energy efficiency of small cell and function of cell	Importance of the basic of life. human values
Paper - III Practical paper based on Protozoa to Echinodermata and Cell Biology	I	Identification, General organization, diversity and adaptations of animals, Micro-slides, photographs, digital slides, models etc.	Habit, habitat & characteristic features and economic importance of animals. (Environmental Ethics)
Paper-IV Protochordata to Mammals	II	General characters and classification of chordates	Understand the increasing complexity of organization from lower to higher chordates.
Paper-V Genetics	II	Hereditary Biology and Mechanism	Evolved in hereditary disease and disorders, genetics and heredity. professional ethics
Paper-VI Protozoa to Mammals and Genetics	II	Mutant of humans, hereditary characters involvement	Awareness regarding zoological parks and national sanctuaries. Awareness regarding endangered species. Human values.
Paper-V Developmental Biology	III	Concept of early development of animals	To study the process of embryonic development in animals.
Paper-VI Ecology	III	Interaction of organism with environment and ecosystem	Awareness of current environment issue, pollution and understanding between structure and function of ecosystem. Scope of modern scientific enquiry in the field of ecology. (Environmental Ethics)
Paper-VII Developmental Biology of vertebrates	III	Development of various animals and their behaviour	Awareness regarding the basic development of animals and their behaviour. (Environmental Ethics)

Paper-VIII Ecology & Environmental Biology	III	Erosion of soil, Importance of water ecosystem	Awareness about the soil in day to day human life and need of conservation. (Environmental Ethics)
CEC Skill enhancement - Course (Haematology)	III	Composition and function of human blood	Study of blood cells, importance of blood bank, processing and storage of blood. Human values.
Paper-VII Biochemistry and Endocrinology	IV	Structure and function of endocrine system	Study of various issues linked with chemicals and human. human values
Paper-VIII Evolution	IV	Factors involving in evolution process-molecular genetics.	Theories and concept of evolution. (Environmental Ethics)
CEC Skill enhancement Course (Micro-techniques)	IV	Micro techniques	Methods in the storage and histological process in tissue. professional ethics
Paper-XV Ecology	V	Biotic and abiotic environmental factors	Factors affecting to biotic and abiotic factors due to human being, community ecosystem, rate of mortality.
Paper-XVI Fishery Science-I	V	Capture fishery in India	History of fisheries, fresh water fisheries in India and their distribution and food value of fish in human life
Paper-XIX Evolution	VI	Origin of life, organic evolution, basic pattern of evolution fossils	To give the information about fossils and their existence on earth from years to years. professional ethics
Paper-XX Fishery Science-II	VI	Fish culture and fish technology	Construction of ponds, fish disease and breeding of fishes and their importance in ecosystem and fish food value for human being
M.Sc.			
ZOO/MJ/500 Biosystematics and Animal Diversity	I	General organization, diversity and adaptations of animals	Importance of biodiversity conservation. (Environmental Ethics)
ZOO/MJ/501 Biochemistry		Structure and function of various chemicals	Study of various issues linked with chemicals and human.
ZOO/MJ/502 Ecology (Principal & Practices)		Importance of ecosystem and working	the students will understand the human influence and living deteriorate
ZOO/DSE/507 Helminthology-I		The students will learn how helminth survive in human body.	By studying this course students will develop the ability to collect, identify important cestodes and trematodes from locally available hosts.
ZOO/RM/515			

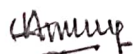
Research Methodology		To learn about how to organize and conduct research in a more appropriate manner.	This course helps to increase the curiosity of student's research attitude.
ZOO/MJ/550	II	Hereditary Biology and Mechanism	Evolved in hereditary disease and disorders, genetics and heredity
Genetics & Bioinformatics			
ZOO/MJ/551		To understand basic unit of life and the molecular biology of the cellular functions.	The students will learn in detail the central dogma of molecular biology in prokaryotes and eukaryotes.
Cell & Molecular Biology			
ZOO/MJ/552		To understand the aspect of human immunology such as antigens, antibody.	By the end of the following course students will able to understand and explain the types of tissues cells and molecules.
Immunobiology			
ZOO/DSE/557	students will develop the ability to collect, identify important nematodes and plant nema	This course will prepare the experts in the field of Nematology. (Environmental Ethics)	
Helminthology-II			
ZOO-301	III	Concept of early development of animals	To study the process of embryonic development in animals. (Environmental Ethics)
Developmental Biology			
ZOO-302		To understand the aspect of human immunology such as antigens, antibody.	By the end of the following course students will able to understand and explain the types of tissues cells and molecules. Human values.
Immunobiology			
ZOO-S308	Capture fishery in India	History of fisheries, fresh water fisheries in India and their distribution and food value of fish in human life	
Pisciculture			
ZOO-401	IV	Factors involving in evolution process-molecular genetics.	Theories and concept of evolution. (Environmental Ethics)
Evolution & Behaviour			

Name of Teacher

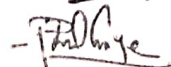
1. Dr. A.N. Shelke



2. Dr. P.B. Sirsat



3. Dr. P.P. Gaike



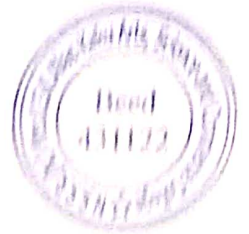
4. Mr. A.D. Kaldhon



Head of the Department

Head

Department of Zoology,
Mrs.K.S.K. College, Beed.



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Mrs. K. S. K. College Hood Kshirsagar Alias Kahu Arts Commerce and Science College, Hood

1.1.1 - Curriculum Enrichment

Details of institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainability into curriculum

Name: Dr. Shantosh R.

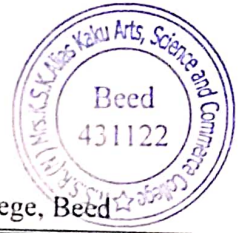
Name of Department: Dept of phy. education

Paper/No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainability into curriculum)
B.D.T.Y principles and recent development of phy. edu	II	Recent development of phy. education Sports and games organization in india Role of Association and sports federations	Structure of phy. edu. in sports for detection, phy. edu. at pre-primary and primary level, secondary and higher school level, phy. edu. university level
B.D.S.Y. phy. edu. approach & coaching & training methods of phy. edu.	V	Development and Advancement of coaching skills of gender equality and foreign	Introduction to students of necessity and coaching and necessities of good coaching.
B.D.T.Y organization & supervision in phy. edu. path and I.A.B. and youth services	VI	Supervision in phy. education meaning and purpose and scope of supervision	Introduction to student supervision in phy. education, its scope, objectives and features and good qualities of supervisor

Name: [Signature]

Head [Signature]

H.O.D.
Dept. Of Phy Edu
Mrs K S K College, Hood



Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Arts Commerce and Science College, Beed

1.3.1 - Curriculum Enrichment

Details of institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of the Faculty: Dr. Sayyad S. N.

Name of the Department: Physical Education

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum)
B.A.F.Y. Phy. Edu. Principles of Phy. Edu. & current development of Phy. Edu.	II	Unit-I - meaning & definition of philosophy & phy. Edu. ① Idealism ② Naturalism ③ Realism ④ Humanism.	Introduce to students with philosophy & phy. Edu. Idealism, Naturalism, Realism, & Humanism.
B.A.S.Y. Phy. Edu. officiating & coaching and training methods of Phy. Edu. & sports.	IV	Unit - I Meaning & definition of officiating, qualities of good coach.	Introduce to students officiating & coaching & qualities of good coaches.
B.A.T.Y. Phy. Edu. organization Administration & supervision in Phy. Edu. Youth welfare & youth services.	VI	Unit - I organization Administration & supervision Meaning & scope, objectives & Guiding Principles.	Introduce to students organization, Administration & supervision in phy. Edu. Guiding principles of organization Administration & supervision.

Name of the Faculty: Dr. Sayyad S. N.

Head

H.O.D.
Dept. Of Phy Edu
Mrs K S K College, Beed

1.3.1 - Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of Teacher: Gaware Sonali Ramrao

Name of the department: Department of Computer Science



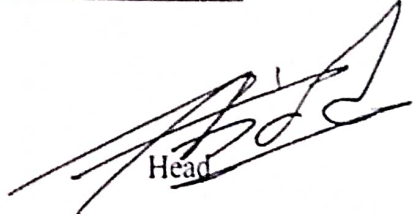
Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustain abilities into curriculum)
B.Sc. FY Computer Sci. Paper No: CMP-112 Operating System	I	Operating System Fundamental, I/O Management Memory Management	Human Values: Students acquire basic knowledge about computer system., storage Management.
B.Sc. FY Computer Sci. Paper No: CMP-211 Digital Electronics	II	Logic Gates, Combinational and Sequential circuits	Professional: To impart basic knowledge in digital logic and circuits. Design basic combinational and sequential circuits.
B.Sc. SY Computer Sci. Paper No: CMP-311 Data Structure	III	Introduction to Data structures and algorithms	Professional: To provide basic knowledge about how data structure is implemented and processed. Students acquire knowledge of Professional programming.
B.Sc. SY Computer Sci. Paper No: CMP-411 DBMS With SQL	IV	Introducing DBMS, SQL Data Normalization	Professional: Students acquire knowledge about DBMS, Design and build database. Build real time applications.
B.Sc. TY Computer Sci. Paper no: CS016 Web Designing	V	Introducing HTML Introducing Java Script Introducing CSS	Professional: Students develop client-side website. Design website
B.Sc. TY Computer Sci. Paper no: CS020 Ethics and Cyber Law	VI	Cyber Law, Cyber security, Information Technology Act 2000 Cyber Law	Professional: Inculcate the students to professionally deal with white hat security.
M.Sc. I Computer Sci.	I	Introduction to Algorithms and analysis	Professional: Design and implement efficient algorithms to solve computational problems.



Paper: CSC 500 Introduction to Algorithms			
M.Sc. I Computer Sci. Paper: CSC 502 Sensors and Actuators	I	Introduction to different types of Sensors and Actuators	Professional: Inculcate the students to professionally real time sensor and actuator design.
M.Sc. I Computer Sci. Paper: CSC 505 Python Programming	I	Introduction to Python, Functions and modules	Professional: Students acquire knowledge of core concepts of python programming.
M.Sc. I Computer Sci. Paper: CSC 552 Microcontroller Programming using Python	II	Microcontroller Programming using Python, interfacing with microcontrollers	Professional: Enable students to develop real world applications
M.Sc. I Computer Sci. Paper: CSC 555 Advanced Python	II	Advanced data structures and algorithms in python	Professional: Enable to real world case studies.
M.Sc. II Computer Sci. Paper: Android	III	Introduction to Android concepts.	Professional: Students to learn advance technology and apply on building real applications.
M.Sc. II Computer Sci. Paper: 442 Data Warehousing	III	Data warehouse Design Practice and methodologies	Professional: Perform operations on pivot table. Deal with data warehouse problems.
M.Sc. II Computer Sci. Paper: 452 Big Data Analytics	III	Data Processing, Introduction data warehousing and mining, HADOOP	Professional: Design of data warehouses, To use different data mining tools.
M.Sc. II Computer Sci. Paper: Dissertation	IV	Dissertation	Professional: Practice on real job situation.

Name of Teacher:

Gawase S.R. SR Gawase


Head

Head of Department
Computer Science
Mrs. K.S.K. College



1.3.1 –Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of Teacher: Dr. A. R. Shaikh

Name of the department: Computer Department

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainability into curriculum)
B.Sc F.Y. CMP - 111 Computer Fundamental	I	Computer Hardware, Components, Number System, CPU works, about algorithms & flowchart, Software, Internet, WWW, arithmetic	Introduce to students with Hardware/software professional ethics, gender, human values, sustainability.
B.Sc F.Y. CMP212 Basic C Prog.	II	Basic c programming, algorithm. and flowchart	To Development Programming and Software, Professional ethics, sustainability, human values
B.Sc S.Y. CMP-312 Adv. Programming in 'C'	III	Depth knowledge of C language, to understand advanced features of C Programming Language, Function, Structures, Unions, Pointer & Files and Preprocessors	To Development Programming and Software, Professional ethics, sustainability, human values
B.Sc S.Y. CMP412 OOPs C++	IV	Introduction of OOP, algorithms thinking & problem solving, object and class	To Development Programming and Software, Professional ethics, sustainability, human values
B.Sc T.Y. CS-015 Software Engineering	V	Software and Engineering, Process, Models, Agile, Extreme Programming (XP), Principles That Guide Practice	To Development software and software engineering Professional ethics, sustainability
B.Sc T.Y CS 019 DCN	VI	Network topologies, transmission media, modulation, data network and protocol	To Development Router and Networking Professional ethics, sustainability

Name of Teacher:

Head



1.3.1 –Curriculum Enrichment

Details on institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum

Name of Teacher: **Dr. A. R. Shaikh**

Name of the department: Department of Computer Science

Paper/Course No. and name of the course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustain abilities into curriculum)
M.Sc. I Year Computer Sci. Paper: CSC 501 Data Visualization	I	Introduction to Data Visualization, Data Types and Visualization Technique, Advanced Data Visualization	Professional: Students acquire knowledge of core concepts of python programming.
M.Sc. I Year Computer Sci. Paper: CSC 520 Soft Computing	I	Techniques of soft computing, fuzzy logic system, neural networks and evolutionary	Professional: Enable students to develop real world applications
M.Sc. I Year Computer Sci. Paper: CSC550 Digital Image Processing & Analytics	II	Introduction to digital image processing, enhancement techniques to improve image quality	Professional: Enable students to develop real world applications
M.Sc. I Year Computer Sci. Paper: CSC570 Fuzzy System	II	Introduction to Fuzzy system and applications, fuzzy systems in medical and healthcare applications	Professional: Enable to real world case studies.
M.Sc. II Year Computer Sci. Paper: CSC410 Compiler Design	III	Introduction to Android concepts.	Professional: Students to learn advance technology and apply on building real applications.
M.Sc. II Year Computer Sci. Paper: CSC411 Computer Graphics	III	Data warehouse Design Practice and methodologies	Professional: Perform operations on pivot table. Deal with data warehouse problems.
M.Sc. II Year Computer Sci. Paper: CSC419 Final Dissertation	IV	Final Dissertation	Professional: Design of data warehouses, To use different data mining tools.
M.Sc. II Year Computer Sci. Paper: CSC420 Seminar	IV	Seminar	Professional: Practice on real job situation.



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Mrs. Kesharbai Sonajirao Kshirsagar Alis Kaku Arts, Commerce and Science College, Beed.

1.3.1 –Curriculum Enrichment

Details institutional integrating cross cutting issues relevant to professional ethics, gender, human values, environmental and sustainabilities into curriculum.

Name of Teacher:- Dr. Surekha M. Joshi (Ratnaparkhi)

Name of Department :- Music

Paper/course No. & Name of course	Semester	Curriculum details	Cross cutting issues present in the curriculum (professional ethics, gender, human values, environmental and sustainabilities into curriculum.)
B.A. I (Music) Paper II (Practical- Indian classical music)	I & II	Theory of Ragas and practically presentation of Ragas.	professional ethics to become a Artist, Music teacher, musician, Audio recordist, music composer etc.
B.A. II (Music) Theory Indian classical music.	III & IV	Defination and details of various forms of Music.	
M.A. II (Music) Paper II Practical- Indian classical music)	I & II	Theory of Ragas and practically presentation of Ragas. Detail study of Indian musical ragas.	professional ethics to become a Artist, Music teacher, musician, Audio recordist, music composer etc.

S.M. Joshi

Dr. S. M. Joshi
Head of the Music Dept.
Mrs. K. S. K. College, Beed.