

Balasaheb Desai College, Patan
Department of Marathi
Core Value in the Prescribed Syllabus

B. A. I

Sr. no.	Core Value	Programme / Course	Name of the topic
1	Gender Balance	B. A. 1 / Marathi Comp	माणसासारखा माणूस असूनही – प्रज्ञा पवार आग आणि फुफाटा – प्रज्ञा पवार झपताल – विंदा करंदीकर
2	Professional ethics	B. A. 1 / Marathi Comp	-----
3	Changing human values	B. A. 1 / Marathi Comp	निवड – यशवंतराव चव्हाण ५० पैकी ० मार्क्स – शांता शेळके
4	Human rights	B. A. 1 / Marathi Comp	गोधड – वाहरू सोनवणे चळवळ म्हणजे – वाहरू सोनवणे
5	Cultural diversity	B. A. 1 / Marathi Comp	शहर एक उदास पोकळी – एकनाथ पाटील शोधयात्रा – एकनाथ पाटील
6	Poverty Reduction	B. A. 1 / Marathi Comp	----
7	Human Security	B. A. 1 / Marathi Comp	माझ्या मना बन दगड – विंदा करंदीकर
8	Religion and religious sentiment	B. A. 1 / Marathi Comp	मानवांचा धर्म – महात्मा फुले




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Balasaheb Desai College, Patan
Department of Marathi
Core Value in the Prescribed Syllabus

B. A. II

Sr. no.	Core Value	Programme / Course	Name of the topic
1	Gender Balance	B. A. 2 / Marathi (o)	झुलत्या फांदीला ग - कल्पना दुधाळ खेळ - डहाके
2	Environmental hazards	B. A. 2 / Marathi (o)	जुगाड (कादंबरी)- किरण गुरव दुष्काळ - अजीम नवाज राही
3	Changing human values	B. A. 2 / Marathi (o)	जुगाड (कादंबरी) - किरण गुरव काय डेंजर वारा सुटलाय (नाटक) - जयंत पवार
4	Human rights	B. A. 2 / Marathi (o)	जुगाड (कादंबरी) - किरण गुरव काय डेंजर वारा सुटलाय (नाटक) - जयंत पवार
5	Cultural diversity	B. A. 2 / Marathi (o)	काय डेंजर वारा सुटलाय - जयंत पवार
6	Poverty Reduction	B. A. 2 / Marathi (o)	मजुरावर उपासमारीची वेळ - केशवसुत
7	Human Security	B. A. 2 / Marathi (o)	जुगाड (कादंबरी) - किरण गुरव काय डेंजर वारा सुटलाय (नाटक) - जयंत पवार
8	Religion and religious sentiment	B. A. 2 / Marathi (o)	कळपवाद, जातीय दंगल, मोहोल्ला - अजीम नवाज राही




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Balasaheb Desai College, Patan
Department of Marathi
Core Value in the Prescribed Syllabus

B. A. III

Sr. no.	Core Value	Programme / Course	Name of the topic
1	Gender Balance	B. A. 3 / Marathi (o)	मोरणी – विभावरी शिरूरकर
2	Environmental hazards	B. A. 3 / Marathi (o)	डोकेवाला संशोधक : दादाजी खोब्रागडे – व्ही. एन. शिंदे
3	Changing human values	B. A. 3 / Marathi (o)	संप्रदायातील प्रमुख ग्रंथकार आणि त्यांची ग्रंथरचना तुकाराम , ज्ञानेश्वर , एकनाथ
4	Human rights	B. A. 3 / Marathi (o)	इ. स. १३०० ते १४०० (वारकरी संप्रदाय) (स्थूल कालखंड)
5	Cultural diversity	B. A. 3 / Marathi (o)	संप्रदायातील प्रमुख ग्रंथकार आणि त्यांची ग्रंथरचना तुकाराम , ज्ञानेश्वर , एकनाथ
6	Poverty Reduction	B. A. 3 / Marathi (o)	मराठी भाषा आणि अर्थाजनाच्या संधी
7	Human Security	B. A. 3 / Marathi (o)	संप्रदायातील प्रमुख ग्रंथकार आणि त्यांची ग्रंथरचना तुकाराम , ज्ञानेश्वर , एकनाथ
8	Religion and religious sentiment	B. A. 3 / Marathi (o)	संप्रदायातील प्रमुख ग्रंथकार आणि त्यांची ग्रंथरचना तुकाराम , ज्ञानेश्वर , एकनाथ
9	Professional ethics	B. A. 3 / Marathi (o)	मराठी भाषा आणि अर्थाजनाच्या संधी




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Balasaheb Desai College
Patan, Dist: Satara




**कोयना शिक्षण संस्था का
बाळासाहेब देसाई कॉलेज, पाटण
हिंदी विभाग
निर्धारित पाठ्यक्रम में मूल मूल्य**

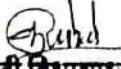
(लिंग भेद Gender)

शिक्षक का नाम – डॉ. कुरणे व्ही. बी.

विषय – हिंदी

अन.	कक्षा	प्रश्नपत्र का नाम	प्रश्नपत्र कोड नं. (Uni.)	उपविषय का शीर्षक	इकाई
1	B.A. I	विशेष ऐच्छिक प्रश्नपत्र-1	71219	माँ जब खाना परोसती थी	इकाई-3
2	B.A. I	विशेष ऐच्छिक प्रश्नपत्र-1	71219	बेजगह	इकाई-3
3	B.A. I	विशेष ऐच्छिक प्रश्नपत्र-1	71219	स्त्री मुक्ति की मशाल	इकाई-4
4	B.A.II	अस्मितामूलक विमर्श और हिंदी पद्य साहित्य	73436	कितने प्रश्न करूं' खंडकाव्य में चित्रित पात्र एवं चरित्र- चित्रण	इकाई-2
5	B.A.III	विधा विशेष अध्ययन	75551	'दिल्ली उंचा सुनती है' पात्र एवं चरित्र- चित्रण	इकाई-3


हिंदी विभागाध्यक्ष
 बाळासाहेब देसाई कॉलेज, पाटण जि. सातारा.


हिंदी विभागाध्यक्ष
 बाळासाहेब देसाई कॉलेज, पाटण जि. सातारा.


प्राचार्य
(Dr. S. D. Pawar)
 Principal
 Balasaheb Deesai College, Patan
 Tal.- Patan, Dist.- Satara

Subject Teacher

Head of Department

Note: identify following core values in syllabus taught:

Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality, Professional Ethics, etc.





कोयना शिक्षण संस्था का
बाळासाहेब देसाई कॉलेज, पाटण
हिंदी विभाग
निर्धारित पाठ्यक्रम में मूल मूल्य
(मानव मूल्य Human Values)

शिक्षक का नाम – डॉ. कुरणे व्ही. बी.

विषय – हिंदी

अन.	कक्षा	प्रश्नपत्र का नाम	प्रश्नपत्र कोड नं. Uni.)	उपविषय का शीर्षक	इकाई
1	B.A. I	विशेष ऐच्छिक प्रश्नपत्र-1	71219	बाजार	इकाई-4
2	B.A.I	विशेष ऐच्छिक प्रश्नपत्र-1	71219	नया बैंक	इकाई-4
3	B.A.I	विशेष ऐच्छिक प्रश्नपत्र-2	71265	जीवन और शिक्षण	इकाई-1
4	B.A.I	विशेष ऐच्छिक प्रश्नपत्र-2	71265	सूरदास	इकाई-1
5	B.A. II	हिंदी संतकाव्य तथा राष्ट्रीय काव्यधारा	73349	कबीर के दोहे	इकाई-1
6	B.A. II	हिंदी संतकाव्य तथा राष्ट्रीय काव्यधारा	73349	रहीम	इकाई-2
7	B.A. II	हिंदी संतकाव्य तथा राष्ट्रीय काव्यधारा	73349	तुकडोजी के पद	इकाई-3
8	B.A. II	हिंदी संतकाव्य तथा राष्ट्रीय काव्यधारा	73349	प्यार	इकाई-3
9	B.A.II	अस्मितामूलक विमर्श और हिंदी पद्य साहित्य	73436	'कितने प्रश्न करूं' खंडकाव्य का उद्देश्य	इकाई-4
10	B.A.III	विद्या विशेष अध्ययन	75551	'दिल्ली उंचा सुनती है' – उद्देश्य	इकाई-4


हिंदी विभागाध्यक्ष
बाळासाहेब देसाई कॉलेज, पाटण जि. सातारा.


हिंदी विभागाध्यक्ष
बाळासाहेब देसाई कॉलेज, पाटण जि. सातारा.


प्राचार्य
(Dr. S. D. Pawar)
Principal
Balasaheb Desai College, Patan
Tal.- Patan, Dist.- Satara

Subject Teacher

Head of Department

Note: identify following core values in syllabus taught:

Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality, Professional Ethics, etc.

Balasaheb Desai College, Patan

Hindi Vibhag

Cross Cutting Issues

Dr. Hemlata Kate

Sr. No.	Cross Cutting Issues	Programme & Course	Name Of Topic
1	Human Rights / Equity	B.A. I	संस्कार और भावना पैदल आदमी बीस साल बाद
2	Human Rights / Equity	B.A. II	घर लौटते हुए कबीर के दोहे तुकडोजी के पद
3	Religion and religious sentiment	B.A. I	तेरी खोपड़ी के अंदर अजीब - सी- मुश्कील सत्ता , पंचलाईट , रजिया एकलव्य
4	Professional Entices	B.A. I	विज्ञापन युग, नया बैंक
5	Professional Entices	B.A II	रोजगार परक हिंदी
6	Professional Entices	B.A. III	प्रयोजनमूलक हिंदी
7	Gender Balance	B.A. I	बालिका का परिचय मां जब खाना परोसती है वेजगह, स्त्री मुक्ती कि मशाल हो, चीफ की दावत, अकेली
8	Gender Balance	B.A. II	जीती बाजी की हार, अखावरी विज्ञापन
9	Environmental hazards	B.A. I	वसंत आ गया, पहाड़
10	Environmental hazards	B.A. III	अंतिम साक्ष्य
11	Changing human values	B.A. I	विज्ञापन युग, नया बैंक
12	Changing human values	B.A II	सिक्का बदल गया गृहप्रवेश महात्मा गांधी, धरती और धान तीली
13	Changing human values	B.A. III	दिल्ली उंचा सुनती है
14	Poverty Reduction	B.A. I	भिक्षुक, किसान के घर से



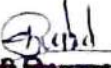
कोयना शिक्षण संस्था का
बाळासाहेब देसाई कॉलेज, पाटण
हिंदी विभाग

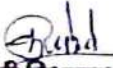
निर्धारित पाठ्यक्रम में मूल मूल्य
(व्यावसायिक नैतिकता Professional Ethics)


शिक्षक का नाम – डॉ. कुरणे व्ही. बी.

विषय – हिंदी

अन.	कक्षा	प्रश्नपत्र का नाम	विषय कोड (Uni.)	उपविषय का शीर्षक	इकाई
1	B.A. I	विशेष ऐच्छिक प्रश्नपत्र-1	71219	नया बैंक	इकाई – 4
2	B.A. I	विशेष ऐच्छिक प्रश्नपत्र-1	71219	बाजार	इकाई – 4
3	B.A. I	विशेष ऐच्छिक प्रश्नपत्र-2	71265	विज्ञापन युग	इकाई – 1
4	B.A. III	प्रयोजनमूलक हिंदी	75554	पारिभाषिक शब्दावली	इकाई – 1
5	B.A. III	प्रयोजनमूलक हिंदी	75554	सरकारी कार्यालयीन पत्रचार	इकाई – 2
6	B.A. III	प्रयोजनमूलक हिंदी	75554	हिंदी भाषा और रोजगार के अवसर	इकाई – 3
7	B.A. III	प्रयोजनमूलक हिंदी	75754	अनुवाद	इकाई – 4


हिंदी विभागाध्यक्ष
बाळासाहेब देसाई कॉलेज, पाटण
जि. सातारा.


हिंदी विभागाध्यक्ष
बाळासाहेब देसाई कॉलेज, पाटण
जि. सातारा.


प्राचार्य
(Dr. S. D. Pawar)
Principal
Balasaheb Desai College, Patan
Tal.- Patan, Dist.- Satara

Subject Teacher

Head of Department

Note: identify following core values in syllabus taught:

Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality,
Professional Ethics, etc.

**Koyna Education Society's
Balasaheb Desai College, Patan
Department of English**

Core Value in the Prescribed Syllabus (Love)

Name of the Teacher: Mr. S. S. Pawar

Subject: English

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.A.-III	English Poetry	DSE- E12	Module - II	Sonnet to the Moon by Sir Philip Sidney
2	B.A.-III	English Poetry	DSE- E12	Module - II	Sonnet 33 by William Shakespeare
3	B.A.-III	English Poetry	DSE- E12	Module - III	The Sun Rising by John Donne
4	B.A.-III	English Poetry	DSE- E12	Module - IV	When We Two Parted by Lord Byron
5	B.A.-III	English Poetry	DSE- E12	Module - VI	My Last Duchess by Robert Browning


Mr. S. S. Pawar
Head, Department of English
Balasaheb Desai College Patan (Satara)

Subject Teacher


Dr. N. G. WALE
Head
Department of English,
Balasaheb Desai College,
Patan, Dist. Satara - 415206.

Head of Department


VC PRINCIPAL
Balasaheb Desai Collage
Patan, Dist: Satara

Principal

Note: identify following core values in syllabus taught:

Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality,

**Koyna Education Society's
Balasaheb Desai College, Patan
Department of English**

Core Value in the Prescribed Syllabus (Human Faith)

Name of the Teacher: Mr. S. S. Pawar

Subject: English

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.A.- II	Literature and Cinema	DSC-C5	Module III	<i>Comedy of Errors</i> by William Shakespeare
2	B.A.- II	Literature and Cinema	DSC-C5	Module IV	<i>Angoor</i> (dir. Gulzar, 1982)


Mr. S. S. Pawar
Head, Department of English
Balasaheb Desai College, Patan (Satara)

Subject Teacher


Dr. N. G. WALE
Head
Department of English,
Balasaheb Desai College,
Patan, Dist. Satara - 415206.

Head of Department


VC PRINCIPAL
Balasaheb Desai Collage
Patan, Dist: Satara

Principal

Note: identify following core values in syllabus taught:

Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality,

Koyna Education Society's
Balasaheb Desai College, Patan
Department of Geography



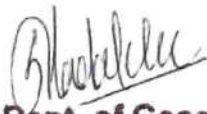
Core Value in the Prescribed Syllabus (*Environment and Sustainability*)

Name of the Teacher: Dr. S.S.Tadakhe

Subject: Geography

S r. No.	Class	Title of the Paper	Subject Code(Uni.)	Title of the Module	Unit/ Subunit
1	B.A.I	Physical Geography Paper-I	DSC B10	Module – II Lithosphere Module- IV Atmosphere	2.3 Earthquakes – Causes and Effects 2.4 Volcano – Causes and Effects 4.1 Composition and Structure of Atmosphere 4.3 Temperature: Distribution of temperature (Vertical and Horizontal)
2		Human Geography Paper-II	DSC B24		
3	B.A.II	SOIL GEOGRAPHY Paper-III	DSC III	Module III: Soils: Classifications and Distribution	3.3 Soil Degradation: Concept, Causes, Consequences and Measures
4		RESOURCE GEOGRAPHY Paper-IV	DSC IV	Module II: Major Resources	2.1 Water Resources: Distribution, Utilization and Problems 2.2 Forest Resources: Distribution, Utilization and Problems 2.3 Energy Resources: Distribution, Utilization and Problems 2.4 Human Resources: Distribution, Utilization and Problems Module III: Sustainable Resource Development
				Module III: Sustainable Resource Development	3.1 Concept of Sustainable Resource Development 3.2 Sustainable Natural Resource Development: Water, Forest and Energy 3.3 Sustainable Human Resource Development
5		OCEANOGRAPHY Paper No. V	DSC V	Module III: Applied Oceanography	3.1 Ocean or Marine deposits: Sources and Classification 3.2 Ocean Resources – Biotic- Mineral and Energy Resources 3.4 Ocean Pollution – Causes, Effects and Measures
6	B.A.II	AGRICULTURAL GEOGRAPHY Paper No. VI	DSC VI	Module III: Regionalization, Problems and Modern 18 Lectures 01 Concepts in	3.2 Agricultural Problems: Physical and Non-Physical (Economic, Social, Cultural, Political and Administrative) 3.3 Sustainable Agriculture

				Agriculture	
7	B.A.II Generic Elective (IDS)	CONCEPTS IN TOURISM GEOGRAPHY	Generic Elective (IDS) Course - I	Module IV: Impact of Tourism	4.1 Economic impact 4.2 Socio-Cultural impact 4.3 Impact on Environment 4.4 Sustainable development of Tourism
8	B.A.III	Evolution of Geographical Thought	E106 or Paper No. VII	Module – IV Trends in Geography	4.3 Man-nature relationship: Radicalism, Behaviourism and Humanism 4.4 Future of Geography
9		Geography of India.	Paper – E107 or VIII	Module -I) Physical Profile of India	Major Drainage Systems: a) Northern River Systems (Sindhu, Ganga & Brahmaputra) b) Southern River Systems (Godavari, Krishna & Cauvery) (Characteristics and Importance)
				Module -II) Soils and Forests	2.2 Soil degradation and soil conservation in India 2.3 Major forest types: characteristics and their distribution 2.4 Deforestation and conservation of forests in India
				Module -III) Mineral and Power Resources	3.2 Non-Conventional Resources: Solar and Wind (Distribution, Production and Trade)
10		Urban Geography	DSE- E232 or XI	Module-IV: Urban Problems and Issues	4.2 Concept of Garden 4.4 Case studies of Urban Issues.
11		Regional Planning and Sustainable Development	DSE- E232 or XI	Module IV: Sustainable Development	4.1 Concept of Sustainable Development and Underdevelopment
12		GEOGRAPHY OF HEALTH AND WELLBEING	E233 or XII	Module I: Perspectives on Health	1.3 Linkages with Environment and Development 1.4 Health and Environmental Trends: Population Dynamics, Urbanization, Poverty and Inequality
				Module IV: Health and Disease Patterns (In Environmental Context with special reference to India)	4.1 Communicable diseases and their regional pattern – AIDS and Dengue 4.2 Lifestyle related diseases and their regional pattern – Cancer and Diabetes 4.3 Climate change and human health


Head Dept. of Geography
 Balasaheb Desai College,
 Patan, Dist. Satara


प्राचार्य
(Dr. S. D. Pawar)
Principal
 Balasaheb Desai College, Patan
 Tal.- Patan, Dist.- Satara

Koyna Education Society's
Balasaheb Desai College, Patan

Department of History

**Core Value in the Prescribed Syllabus - Human Values & Ethics,
Leadership,**

Name of the Teacher: Mr.R G Kamble

subject: History

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.A.I	SEM I Paper I: Rise of the Maratha Power (1600-1707)	HISO1	Module 1- Chhatrapati Shivaji Maharaja's achievement till 1664 Module 2- Chhatrapati Shivaji Maharaja's achievement till 1680 Module 3- Maratha War of Independence (1681-1707) Module 4- Importance of Sources for understanding Maratha history	Module 1- Chhatrapati Shivaji Maharaja's achievement till 1664 a. Background of the Rise of Maratha Power b. Early activities upto 1659; Afzalkhan Episode and Siege of Panhala c. Shahistekhan Episode and Attack on Surat Module 2-Chhatrapati Shivaji Maharaja's achievement till 1680 a. Treaty of Purandar and Visit to Agra b. Coronation c. Expedition to Karnataka Module 3- Maratha War of Independence (1681-1707) a. Chhatrapati Sambhaji Maharaj b. Chhatrapati Rajaram Maharaj c. Maharani Tarabai Module 4-Importance of Sources for understanding Maratha history a. Sources (Sanskrit and Marathi): <i>Shivbharat, Adnyapatra</i> b. Persian sources: <i>Tarikh-i-Dilkusha, Muntakhab-ul-Lubab</i> c. Foreign records and accounts: English and Portuguese
2	B.A.I	SEM II Paper II: Polity, Society and	HISO2	Module 1- Polity	Module 1- Polity a. Civil administration: administrative structure, Ashtapradhan b. Judicial administration: judicial structure, gotsabha, divya c. Military administration: forts and navy

		Economy under the Marathas (1600-1707)		Module 2- Economy Module 3- Society and Religion Module 4- Chhatrapati Shivaji Maharaj: Policy and Contribution	Module 2- Economy a. Agriculture: types of land and crops, revenue settlement, irrigation b. Industry: local craftsmen and major Industries c. Trade: trade centers, trade routes, transport and communications Module 3- Society and Religion a. Village communities: Vatandar, Mirasdar, Balutedar-Alutedar and Upare b. Pandharpur movement c. Pilgrimage Centers: Kolhapur, Shikhar Shinganapur, Tuljapur Module 4-Chhatrapati Shivaji Maharaj: Policy and Contribution a. Administration and Management b. Trade and Agriculture c. Religion
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Note: identify following core values in syllabus taught:

Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality, Professional Ethics, etc.

P. Kambale

HEAD

Department of History
Balasaheb Desai College, Patan

[Signature]

VC PRINCIPAL

**Balasaheb Desai Collage
Patan, Dist: Satara**

Koyna Education Society's
Balasaheb Desai College, Patan

Department of History

**Core Value in the Prescribed Syllabus - Human Values & Ethics,
Leadership,**

Name of the Teacher: Mr.R G Kamble

subject: History

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.A.III	Semester V, Course No: IX DSE E-63 Age of Revolutions	HISO9	Module IV: French Revolution (1789)	c) Impact on the world


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Patan, Dist: Satara

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Balasaheb Desai College, Patan
Department of History

**Core Value in the Prescribed Syllabus - Human Values & Ethics,
Leadership,**

Name of the Teacher: Mr.R G Kamble

subject: History

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
2	B.A.III	Semester VI, Course No: XIV. DSE E-188 Making of the Modern World (16th to 19th Century)	HIS15	Module IV: Important Personalities	c)Abraham Lincoln


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Patan, Dist: Satara

Balasaheb Desai College, Patan

Department of Economics

Core Values / Cross Cutting Issues

Sr. No.	Cross Cutting Issues	Programme & Course	Name of the Topic
1	Gender balance	B . A. / Part I Indian Economy	4.1 Size and Causes of growth of population India 4.4 Population Policy 2000
2	Environmental Hazards	B . A. / Part I Indian Economy	1.4 Sustainable Development
3	Human Rights	B . A. / Part I Indian Economy	3.4 International Comparison : Human Development Index.
4	Poverty Reduction	B . A. / Part I Indian Economy Paper I	2.1 Poverty - Meaning and concept 2.2 Poverty - Causes and measures
5	Gender balance	B Com / Part III Indian Business Environment Paper I	4.1 Features of Indian population
6	Poverty Reduction	B Com / Part III Indian Business Environment Paper I	4.2 Unemployment and poverty – causes and remedies


Dr. P. Y. Phadnis
Head Dept. Of Economics
Balasaheb Desai College, Patan

Koyna Education Society's
Balasaheb Desai College, Patan
Department of Political Science


Core Value in the Prescribed Syllabus (Environment and Sustainability)


Name of the Teacher: Dr. S.D. Pawar

Subject: Political Science

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.A. II	Political Process in India	DSC (D7)	Election Commission: Composition and Functions, Review of Selected General Election- 1952, 1977, 1989, 2014, Electoral Reforms- Corruption and Criminalization of Electoral Politics	2
		Local Self Government in Maharashtra	DSC (D35)	-	-
2	B.A. III	Political Theory	DSE (E-76)	Concepts in Political Theory Political Power— Meaning, & Types, Theories of Political Power— Psycho-Analytical Theory, Sociological Theory, Liberal Democratic Theory, Marxian Theory Authority—Meaning & Types, Legitimacy— Meaning, Basis of Legitimacy	4
		Modern Political Concepts	DSE (E-201)	Feminism - Meaning, Origin and Development of Feminism, Characteristic of Feminism, Theories of Feminism Environmentalism -Origin and Causes of Environmentalism, Characteristics of Environmentalism, International Efforts for protection of Environment, Global Warming	1, 3
		International Politics	DSE (E-78)	-	-
		Foreign Policy of India	DSE (E-203)	-	-
		Comparative Politics (With Spl. Reference to UK & USA)	DSE (E-79)	-	-
		Comparative Government (With Spl. Reference to UK & USA)	DSE (E-204)	-	-


 Subject Teacher


 Dr. S. D. Pawar
 Head of Department
 B.D. College Patan


 प्र. प्राचार्य
 बाळासाहेब देशमुख कॉलेज, पाटण
 ताल. पाटण, जि. सातारा.

Note: identify following core values in syllabus taught:
 Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality,
 Professional Ethics, etc.

Koyna Education Society's
Balasaheb Desai College, Patan
Department of Political Science

Core Value in the Prescribed Syllabus (*Environment and Sustainability*)

Subject: Political Science

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.A. I	Introduction to Political Science	DSC (B4)	Rights, Liberty, Equality, Justice	4
		Indian Constitution	DSC (B18)	Preamble, Fundamental Rights, Directive Principles of State Policy and Fundamental Duties	2
2	B.A. II	Indian Political Thought Part- I	DSC (D8)	Mahatma Phule - Theory of State- Concept of Balirajya, Religion- Critique on Brahmanism, Satyashodhak Samaj & its Revolutionary Thought	2
		Indian Political Thought Part- II		M. K. Gandhi -Satya, Ahimsa, Satyagraha, Concept of Swaraj - Ramrajya & Trusteeship, Theory of Gandhi's concept of Religion Dr. B. R. Ambedkar - Critique of Caste System, Social and Parliamentary Democracy, State Socialism	1, 2
		Public Administration	CGE Paper-I	Organization -Meaning, Definition and Bases, Principles: Hierarchy, Coordination, Span of Control, Centralization and Decentralization, Units: Line and Staff.	2
		Public Administration	CGE Paper-II	-	-
3	B.A. III	Public Administration	DSE E-77	Accountability and Control - Concepts of Accountability and Control, Legislative, Executive and Judicial Control over Public Administration, Citizen and Administration, Citizen's Charter, Role of: Media, Interests Groups, Voluntary Organizations, and Civil Society.	4
		Politics and Movements in Maharashtra	DSE E- 202	Political and Social Movements in Maharashtra - Peasant Movements, Dalit Movements, Superstition Eradication Movements, Student Movements	4
		Western Political thought-I	DSE E-80	-	-
		Western Political Thought- II	DSE E- 205	-	-

Dr. S. D. Pawar

Head of Department
B.D. College Patan

प्र. प्राचार्य
Principal

बाळासाहेब देसाई कॉलेज, पाटण
ता. पाटण, जि. सातारा,

Note: identify following core values in syllabus taught:

Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality,
Professional Ethics, etc.

Koyna Education Society's
Balasaheb Desai College, Patan
Department of Chemistry

Core Value in the Prescribed Syllabus (Professional Ethics)

Name of the Teacher: Prof.S.S.Shedge

Subject: Organic Chemistry

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Unit	Unit/ Subunit
1	B.Sc.I	Organic Chemistry Paper-II	DSC-4A	Unit-I Fundamentals of Organic Chemistry	1.1 Introduction, Curved arrow notations, Cleavage of Bonds: Homolysis and Heterolysis. Organic molecular species: Nucleophiles and electrophiles
				Unit -II Stereochemistry	2.1 Introduction, Types of Stereoisomerism, Optical Isomerism: Concept of Chirality, Elements of Symmetry, Optical Isomerism in tartaric acid, 2, 3 Dihydroxybutanoic acid, Enantiomerism, Diastereomerism and Meso compounds
				Unit- III Aromaticity	3.1 Introduction, Characteristics properties of organic compounds, Meaning of terms: Aromatic, Non aromatic, Antiaromatic, Pseudoaromatic , Structure of Benzene
				Unit- IV Cycloalkanes, cycloalkenes and alkadienes	4.1 Cycloalkanes: - Introduction. Method of formation - a) By addition of carbene to alkene b) Action of metallic sodium on dihaloalkane c) Diels - Alder reaction d) By reduction of aromatic compounds
2	B.Sc.II	Organic Chemistry Paper No- VIII	DSC- D4	Unit-I Carboxylic acids and their derivatives.	1.1 Monocarboxylic acid: Introduction, Methods of Formation from Alcohols, Aldehydes, Ketones, Nitriles and Alkyl benzenes
				Unit-II Amines and Diazonium Salts	2.1 Introduction, Classification, Nomenclature, structure 2.2 Methods of preparation: a) From Alkyl halide by Amonolysis, b) By Reduction of Nitriles or Cyanides, c) From Unsubstituted amides (Hoffmann degradation) d) By Gabriel Synthesis (From Phthalamide).
				Unit-III Carbohydrates	3.1 Classification of carbohydrates, reducing and non-reducing sugars, General properties of glucose and fructose, their open chain structure Epimers, mutarotation and anomers.
				Unit-IV Carbonyl Compounds-	4.1 Reactivity of Carbonyl group, mechanism of Nucleophilic addition to Carbonyl group

				Alddehydes and Ketone	
				Unit-V Stereochemistry	5.1 Representation of conformations of ethane by using Saw- Horse, Fischer (dotted line wedge) and Newmann's projection formulae
3	B.Sc III	Organic Chemistry Paper No - X	DSE-E6	Unit - I Introduction to Spectroscopy	1.1 Meaning of spectroscopy 1.2 Nature of electromagnetic radiation: wavelength, frequency, energy, amplitude, wave number and their relationship
				Unit- II UV-Vis Spectroscopy	2.1 Beer-Lambert's law, absorption of UV radiation by organic molecules leading to different excitations 2.2 Terms used in UV Spectroscopy: Chromophore, Auxochrome, Bathochromic shift, hypsochromic shift, hyperchromic and hypochromic effect
				Unit – III IR Spectroscopy	3.1 Principles of IR Spectroscopy & Instrumentation, schematic diagram 3.2 Fundamental modes of vibrations, types and calculation
				Unit– IV NMR Spectroscopy	4.1 Principles of PMR Spectroscopy 4.2 Chemical shift: definition, measurement, calculation, Factors affecting Chemical shift
				Unit – V Mass Spectroscopy	5.1 Introduction. 5.2 Principles of mass spectroscopy 5.3 Fragmentation patterns of: alkanes, alkenes, aromatic hydrocarbons, alcohols, phenols, amines and carbonyl compounds
				Unit -I Reagents and Reactions in Organic Synthesis Unit - A Reagents and Reactions in Organic Synthesis Unit -B	1.1 Reagents Preparation and Applications of following reagents Lithium aluminium hydride LiAlH_4 , Raney Nickel, Osmium tetroxide 1.2

4	B.Sc III	Organic Chemistry Paper No- XIV	DSE-F 6	Reactions Statement, General Reaction, Mechanism and Synthetic applications	1. Diels -Alder reaction. 2. Meerwein –Pondorff-Verley reduction. 3. Hofmann rearrangement. 4. Wittig reaction. 5. Wagner- Meerwein rearrangement. 6. Baeyer Villiger oxidation.
				Unit -II Retrosynthesis	2.1 Recapitulation of basics of reaction mechanism and reagents, 2.2 Terms used- Target molecule (TM), Disconnection, Synthons, Synthetic equivalence, Functional group interconversion (FGI), one group disconnection (w. r. t. suitable examples)
				Unit - III Electrophilic addition to $>C=C<$ and $-C\equiv C-$ bonds	
				Unit-A Addition to Carbon-Carbon double ($>C=C$)	3.1 Mechanism of electrophilic addition to $>C=C<$ bond, orientation & reactivity 3.2 i Hydrohalogenation. ii. Anti-Markovnikoff's addition (peroxide effect).
				Unit - B Addition to Carbon-Carbon triple ($-C\equiv C-$) bond	3.3 Mechanism of electrophilic addition to $-C\equiv C-$ bond. i. Addition of halogens. ii. Addition of halogen acids. iii. Addition of hydrogen. iv. Addition of water. v. Formation of metal acetylides
				Unit -IV Natural Products Unit- A Terpenoids	4.1 Introduction, Occurrence, Isolation, General Characteristic, Classification
				Unit – B Alkaloids	4.2 General Methods for structure determination
				Unit -V Pharmaceuticals	5.1 Synthesis and uses of ethambutal, phenobarbitone, isoniazide, benzocaine, Chloramphenicol, paludrine

**Koyna Education Society's
Department of -Zoology B. Sc. I
Balasaheb Desai College, Patan**

Core Value in the Prescribed Syllabus Environment and Sustainability and gender.)

Name of the Teacher: D.D.Thorat

Subject: Zoology

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B. Sc. I	Animal Diversity I	DSC 15 A	Animal Classification	Kingdom- Protista, Phylum-Porifera, Cnidaria, Platyhelminthes, Nematelminths, Annelida, Arthropoda, Mollusca, Echinodermata.
2	B. Sc. I	Cell Biology and Environmental Biology	DSC-15 B	Cell Biology Evolutionary Biology	Cell Structure, Nucleus structure, Chromosome structure, Ultrastructure and functions of Plasma membrane, Mitochondria, ER, Golgi complex, Lysosomes, History of Life, Evolutionary theories, Evidences of Evolution, Extinction
3	B. Sc. I	Genetics	DSC 16 B	Mendel's Laws Mutations Sex Determination	Introduction, Mendelian and post Mendelian Genetics, Linkage Crossing Over, Chromosomal Mutations Theories of sex determination


Subject Teacher


Head of Department
Head, Department of Zoology
Balasaheb Desai College, Patan
Tal., Patan, Dist.- Satara (415206)

Note: identify following core values in syllabus taught:

Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality, Professional Ethics, etc.

Koyna Education Society's

Balasaheb Desai College, Patan

Department of -Zoology B. Sc. II

Core Value in the Prescribed Syllabus Gender equality, Biodiversity conservation

Name of the Teacher: D.D.Thorat

Subject: Zoology

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B. Sc. II	DSC- (BIOCHEMISTRY)	DSC	Nucleic acid and Metabolism, Enzymes	Unit 1 Structure and types of RNA .DNA- Secondary structure of Watson and Crick. Forms of DNA Glycolysis, Krebs Cycle, Pentose phosphate pathway, Gluconeogenesis, Glycogenolysis. Unit 2: Biosynthesis and β oxidation of fatty acids.
2	B. Sc. II	DSC- (REPRODUCTIVE BIOLOGY)	DSC-.....	Functional anatomy of Male and Female Reproduction, Reproductive Health	Unit 1: Ovary: folliculogenesis, ovulation, corpus luteum formation and regression; Steroidogenesis and secretion of ovarian hormones; Reproductive cycles in human and their regulation, changes in the female tract; Ovum transport in the fallopian tubes; Sperm transport in the female tract, fertilization; Hormonal control of implantation; pregnancy diagnosis Hormonal regulation of gestation, , Mechanism of parturition and its hormonal regulation; Lactation and its regulation. Unit 2: Outline and histology of male reproductive system in human; Testis: Cellular functions, germ cell; Spermatogenesis: hormonal regulation; Epididymal function and spermmaturation; Accessory glands functions; Sperm transportation in male tract. Infertility in male and female: causes, diagnosis and management; Assisted

Koyna Education Society's

Balasaheb Desai College, Patan

Department of -Zoology B. Sc. III

Core Value in the Prescribed Syllabus (Scientific attitude, Environmental sustainability ,Human values and Professional ethics.)

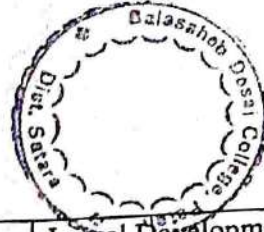
Name of the Teacher: Dr. Bhingardev L. S.

Subject: Zoology

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B. Sc. III	COMPARATIVE ANATOMY OF VERTEBRATES	Paper IX DSE-E29	Unit 1: Integumentary System Unit 2: Skeletal System Unit3: Digestive System Unit 4: Respiratory System Unit 5: Circulatory System Unit 7: Nervous System Unit 8: Sense Organs	1. Generalized structure of integument,Function,epidermal derivatives 1. Vertebral column 2. Appendicular skeleton Brief account of alimentary canal and digestive glands Brief account of Gills, lungs, air sacs Evolution of heart and aortic arches Unit 6: Evolution of Kidney 3 Succession of kidney Comparative account of brain Comparative account of ear and eye of vertebrates
2	B. Sc. III	Molecular Cell Biology and Animal Biotechnology	Paper- XDSE-F29	Unit 1: Molecular Biology Unit 2: Protein synthesis Unit 3 : Molecular Techniques in Gene manipulation	1) DNA Replication 2) DNA Damage and Repair mechanism 3) Regulation of gene expression- Operon concept 4) Genetic Code: A) Transcription B) Translation in prokaryotes and eukaryotes 1. Restriction enzymes: 2. Characteristics of Cloning vectors: Plasmids, Cosmids, Phagemids, Lambda Bacteriophages 3. Gene cloning: 4. Construction of genomic and cDNA libraries 5. Southern, Northern and Western blotting 6. DNA sequencing: Sanger method 7. Polymerase Chain Reaction, 8. DNA Finger Printing 9. DNA micro array

3	B. Sc. III	(Biotechniques and Biostatistics)	Paper- XI DSE-F30	<p>Unit I: Genetically Modified Organisms</p> <p>Unit II: Culture Techniques and Applications</p> <p>Unit III: Biostatistics 15</p>	<p>1. Production of cloned and transgenic animals:</p> <p>2. Applications of transgenic animals:</p> <p>a. Animal cell culture: Introduction, principle and applications</p> <p>b. Stem Cells: Introduction to stem cells</p> <p>i) Potency of stem cells: Totipotency, Pluripotency, Multipotency, Unipotency</p> <p>ii) Sources of stem cells-Embryo, Fetal, Adult, Bone marrow</p> <p>a. Classification of Biological data</p> <p>b. Frequency distribution</p> <p>c. Tabulation</p> <p>d. Graphical representation of data</p> <p>e. Measures of central tendency (Mean, Median, Mode)</p> <p>f. Dispersion – Mean, deviation & standard deviation</p> <p>g. Correlation –</p>
4	B. Sc. III	(AQUATIC BIOLOGY)	Paper- XII DSE-F31	<p>Unit 1: Aquatic Biomes</p> <p>Unit 2: Freshwater Biology</p> <p>Unit 3: Endocrinology 10</p>	<p>a. Freshwater ecosystem (lakes, wetlands, streams and rivers),</p> <p>b. Estuaries</p> <p>c. Intertidal zones</p> <p>d. Oceanic pelagic zone</p> <p>e. Marine benthic zone</p> <p>f. Coral reefs</p> <p>1. Lakes</p> <p>a. Lake as an Ecosystem</p> <p>b. Lake Morphometry</p> <p>c. Physico-chemical characteristics</p> <p>x. Nutrient Cycle – (Nitrogen, Sulphur and Phosphorus)</p> <p>2. Streams</p> <p>a. Different stages of stream development</p> <p>b. Physico-chemical Environment</p> <p>c. Adaptation of hill stream fishes</p> <p>a. Study of endocrine glands – Anatomy and histology</p> <p>b. Hormones- Nature, role, regulation and disorders with reference to the following</p> <p>thyroid gland, parathyroid gland, adrenal gland and islets of Langerhans</p>
5	B. Sc. III	Paper XIII DEVELOPMENTAL BIOLOGY OF VERTEBRATES	DSE-E30	<p>Unit 1 : Gametogenesis</p> <p>Unit 3: Chick Embryology</p>	<p>1. Types of Eggs</p> <p>2. Fertilization – Types and Process of Fertilization</p> <p>3. Types of Cleavages</p> <p>Unit 2: Early Development of Frog 6</p> <p>4. Metamorphosis in frog and its hormonal regulation</p> <p>a. Development of neural tube and</p>

				Unit 4: Late Embryonic Development	brain up to 72 hours of incubation b. Development of gut up to 72 hours of incubation c. Development of blood and heart up to 72 hours of incubation d. Foetal membranes and significance 1. Implantation of embryo in human being 2. Placenta – Formation, types and significance
6	B. Sc. III	Paper- XIV (IMMUNOLOGY)	DSE-E32	Unit 1: Overview of the Immune System Unit 2: Cells and Organs of the immune system Unit 3 : Antigens Unit 5: Immunoglobulin / Antibodies 8	1. Introduction to basic concept in immunology 2. Principles of innate and adaptive immune system 1. Haematopoiesis 2. Cells of immune system 3. Organs (Primary and Secondary lymphoid organs) of the immune system 4. Immune responses- Humoral and cell mediated 1. Basic properties of antigens 2. B and T cell epitopes 1. Structure, Classes and Functions of Antibodies 2. Antigen – Antibody interactions 3. Hybridoma Technology: Monoclonal Antibodies in diagnosis and therapeutics
7	B. SC.III	Paper –XV (Applied Zoology - II)	DSE-E31	Unit 1: Apiculture Unit 2 : Animal Husbandary Unit 3: Pearl culture Unit 4: Freshwater prawn culture Unit 5: Goat Farming- 5	1. Types and casts of honey bee 2. Honey Comb 3. Bee Keeping a. Artificial models of bee hive – Newton and Langstroth models b. Bee keeping Equipments c. Extraction of Honey 4. Medicinal Value of Honey 1. Indigenous and exotic breeds of cattle 2. Preservation and artificial insemination in cattle 3. Induction of early puberty 4. Synchronization of estrus in cattle 5. Commercial importance of dairy farming 1. Species of oyster 2. Process of Pearl formation: natural and artificial 3. Maintenance of oysters 4. Harvesting 5. Importance of Pearl 1. Species of Prawn 2. Site selection 3. Farm Construction 4. Production system: fertilization,



				Unit 6: Fish Technology	Larval Development, Food and feeding 5. Harvesting Genetic improvements in aquaculture industry:
8	B.Sc.III	Paper XVI (Insect Vectors and Histology)	DSE- F32	Unit I: Dipteran as Disease Vectors Unit II: Siphonoptera as Disease Vectors Unit III: Histology of mammalian organs	1. Dipteran as important insect vectors 2. Study of mosquito born diseases – 3. Control measures of Mosquitoes 4. Study of house fly as important mechanical vector a. Myiasis, Control of house fly 1. Fleas a important insect vectors 2. Host-specificity 3. Study of Flea-borne diseases a. Plague b. Typhus fever 4. Control of fleas Tooth, tongue, Salivary glands, Stomach, Duodenum, Ileum, Liver, Pancreas, Kidney

Subject Teacher

Head of Department
Head, Department of Zoology
Balasaheb Desai College, Patan
Tal.- Patan, Dist.- Satara (415206)

Principal
(Dr. S. B. Pawar)
Principal
Balasaheb Desai College, Patan
Tal.- Patan, Dist.- Satara

Note: identify following core values in syllabus taught:

Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality, Professional Ethics, etc.

**Koyana Education Society's
Balasaheb Desai College Patan
Department of Botany**



Name of the Teacher: Dr.B.V.Jadhav Subject: Botany
Core Value in the Prescribed Syllabus (Professional Ethics)

Class	UNIT	SUB-UNIT	TOPICS
	1	ORGANIZATION OF HIGHER PLANT BODY AND TISSUES	
		1.a: Organization of higher plant body	1.1: The Plant organs 1.2: Development of plant body 1.3: Internal organization
		1.b: Meristematic and Permanent Tissue	1.4: Meristem: a) Introduction, Characteristics and Classification of meristems based on position b) Theories of structural development- i) Apical cell theory ii) Histogen theory iii) Tunica Corpus theory. 1.5: Permanent tissue: i) Simple tissue- Parenchyma, Collenchyma and Sclerenchyma ii) Complex tissue: Xylem and Phloem 1.6: Types of Vascular bundles
	2	PRIMARY AND SECONDARY STRUCTURE OF PLANT BODY AND TISSUE SYSTEMS	
		2.a: Primary and secondary structure of plant body	2.1: Primary structure of Monocotyledon and Dicotyledon root, stem and leaf. 2.2: Normal secondary growth in Dicotyledon root and stem. 2.3: Anomalous secondary growth in <i>Bignonia</i> (Dicot.) and <i>Dracaena</i> (Monocot.) stem. 2.4: Periderm and Lenticel
		2.b: Tissue systems	2.5: Epidermal tissue system 2.6: Secretory tissue system 2.7: Mechanical tissue system

(Dr. S. D. Pawar)
Principal

Balasaheb Desai College, Patan
Tal.- Patan, Dist.- Satara

(डॉ. एस. डी. पवार)
प्राचार्य

बालासाहेब देसाई कॉलेज, पातण
ता. पाटण, जि. सातारा

Head,
Department Of Botany,
Balasaheb Desai College, Patan
Tal- Patan, Dist - Satara



SEMESTER- IV

Botany Paper SEMESTER- IV

Botany Paper VIII: DSC D14: PLANT METABOLISM

Class	UNIT	SUB-UNIT	TOPICS
	1	ENZYMES AND NITROGEN METABOLISM	
		1.a: Enzymes	1.1 : Introduction 1.2 : Classification and Nomenclature of enzymes 1.3 : Structure and properties of enzymes 1.4 : Mechanism of enzyme action- Lock and Key hypothesis and Induced fit hypothesis. 1.5: Factors affecting enzyme activity- temperature and pH. 1.6: Enzyme inhibition
		1.b: Nitrogen Metabolism	1.7: Introduction 1.8: Biological Nitrogen Fixation- Asymbiotic and Symbiotic 1.9: Mechanism of Nitrogen Fixation 1.10: Nitrate reduction 1.11 : Ammonia assimilation 1.12: nif genes
	2	RESPIRATION, SEED DORMANCY AND GERMINATION	
		2.a: Respiration	2.1: Introduction 2.2: Types of respiration 2.3: Glycolysis 2.4: Formation of Acetyl Co A 2.5: TCA cycle 2.6: ETS in mitochondria 2.7: Fermentation
		2.b: Seed Dormancy and Germination	2.8: Concept of dormancy 2.9: Causes of dormancy 2.10: Methods of breaking of seed dormancy. 2.11 : Seed germination- Introduction and types (Epigeal, Hypogeal and Viviparous). 2.12 : Factors affecting seed germination 2.13: Biochemical changes during seed germination.

(Dr. S. D. Pawar)

Principal

Balasaheb Desai College, Patan

Tal- Patan, Dist- Satara

(डॉ. एस. डी. पवार)

प्रधान

बाळासाहेब देसाई कॉलेज

ता. पातण, जि. सातारा

Department of Botany,
Balasaheb Desai College, Patan
Tal- Patan, Dist - Satara

Koyana Education Society's
Balasaheb Desai College, Patan
Department of Microbiology

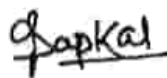
Core Value in the Prescribed Syllabus (CBCS)

Name of the Teacher: Dr.M.R.Sapkal

Subject: Microbiology

Core value: Environment and Sustainability

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.Sc. II	Applied Microbiology	DSC-C 26	Air Microbiology	Measurement of Microorganisms from Air
2	B.Sc. II	Applied Microbiology	DSC-C 26	Air Microbiology	Water Treatment and Purification


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Note: identify following core values in syllabus taught:
Human Values & Ethics, Environment and Sustainability, Humanist & Gender equality, Professional Ethics, etc.

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Department of Physics


Core Value in the Prescribed Syllabus- Environment and Sustainability

Name of the Teacher: M.D.Jadhav

Subject: Physics

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.Sc.III	Astronomy and astrophysics	286	Cosmology	milky way Galaxy and solar system ,cosmology




Head of the
Physics Department

Balasaheb Desai College, Patan**Bachelor of Computer Applications (BCA)****Core Value in the Prescribed Syllabus (Professional Ethics)**

Name of Teacher: Mr. Sutar A. T.

S. N.	Class	Title of Paper	Subject Code	Title of the Module	Unit / Subunit
1	B.C.A-II	Web Technology	CC 301	Introduction - Internet & Website	1.1 Internet-Basics, Internet Protocols(HTTP,FTP,IP) 1.2 World Wide Web(WWW) 1.3 HTTP, DNS, IP Address 1.4 Working of Website 1.5 Web Browser, Web Server, Types 1.6 Types of Websites(Static and Dynamic Websites) 1.7 Web Development lifecycle 1.8 Basics of web hosting
				HTML and CSS	2.1 Introduction to HTML, History, Features 2.2. HTML tags & attributes 2.3 HTML Form elements 2.4. HTML Frameset 2.5. Limitations of HTML 2.6 Basics of CSS, Syntax 2.7 Types of CSS, Importance of CSS 2.8. CSS Selectors-Group, id, class 2.9. CSS properties- Border, background, list, image, margins 2.10. Advantages and limitations of CSS
				JAVA Script	3.1 Introduction to JavaScript. 3.2 Difference between client side and server side scripting. 3.3 Identifier & operators 3.4 Control structure 3.5. Dialog boxes 3.6 Functions 3.7 Event Handling 3.8 Objects 3.9 Form Validation
				HTML 5	4.1 Introduction to HTML5 4.2. Difference between HTML and HTML5 4.3 HTML5- Attributes, events 4.4 HTML5 canvas 4.5.HTML5 Audio & Video 4.6 HTML5 Drag & Drop 4.7 Web Forms 2.0
				Introduction - Internet & Website	1.1 Internet-Basics, Internet Protocols(HTTP,FTP,IP) 1.2 World Wide Web(WWW) 1.3 HTTP, DNS, IP Address 1.4 Working of Website 1.5 Web Browser, Web Server, Types 1.6 Types of Websites(Static and Dynamic Websites) 1.7 Web Development lifecycle

					1.8 Basics of web hosting
2	B.C.A-II	Dot Net Technology	CC 401	Introduction to .NET Framework	1.1. Overview of .NET 1.2. Features of .NET 1.3. Managed and unmanaged code 1.4. Meta Data 1.5. .NET types and .NET object and name spaces 1.6. Architecture of DOT NET Framework: CLR, CTS, MSIL, JIT, CLS, FCL 1.7. Types of JIT 1.8 Visual studio .NET IDE
				C# Basics	2.1 Introduction to C# 2.2 Entry point method, command line arguments 2.3 Different valid forms of main() 2.4. Difference between .Exe and .DLL 2.5 Parameter Passing mechanism, Out parameter 2.6 Data types 2.7 Type Casting, Boxing & Unboxing 2.8 Partial class and implementation 2.9 Control structures
				ASP .NET	3.1. Asp.Net Server controls 3.2. Web form lifecycle 3.3. Validation controls 3.4. Navigation controls 3.5 Response.redirect, server.response, 3.6 Cross page posting 3.7 State Management
				ADO.NET	4.1 Data Controls in ASP.Net 4.2 ADO.Net Classes-Connection, Command, DataReader, DataAdapter, Dataset 4.3 Connected and Disconnected architecture 4.4 Data binding using ADO.net 4.5 Report generation, simple and parameterized reports
3	B.C.A-III	Java Programming	CC 501	Java Fundamentals	Introduction to Java, History and Features of Java, C++ vs Java, Simple Java Program, Internal path setting, JDK, JRE, and JVM (Java Virtual Machine), JVM Memory Management, data types, Unicode System, Operators, Keywords, and Control Statements, methods, constructor, class, objects, methods, Access modifiers, static keyword, final keyword, STRING Manipulation, Array,
				Inheritance, Polymorphism and Encapsulation	Inheritance in Java, Is-A Relationship, Aggregation and Composition (HAS-A), Types of inheritance, this & super keyword Polymorphism in Java, Types of polymorphism, Static and Dynamic Binding, Abstract class and method, Interface, Encapsulation in Java, Getter and setter method in Java.
				Package, Multithreading and Exception handling	Defining & create packages, system packages, Introduction of Exception, Pre-Defined Exceptions, Try-Catch-Finally, Throws, throw, User Defined Exception examples, Multithreading- introduction, Thread Creations, Thread Life Cycle, Life Cycle Methods, Synchronization, Wait() notify() notify all() methods

				AWT, SWING (JFC)	Introduction and Components of AWT, Event-Delegation Model, Listeners, Layouts, Individual Components Label, Button, Check Box, Radio Button, Introduction Diff B/W AWT and SWING, Components hierarchy, Panes, Individual Swings components J Label, JButton, JText Field, JTextArea
4	B.C.A-I	Web Technology I	CC 203	Introduction - Internet & Website	1.1 Internet-Basics, Internet Protocols(HTTP,FTP,IP) 1.2 World Wide Web(WWW) 1.3 HTTP, DNS, IP Address 1.4 Working of Website 1.5 Web Browser, Web Server, Types 1.6 Types of Websites(Static and Dynamic Websites) 1.7 Web Development lifecycle 1.8 Basics of web hosting
				HTML and CSS	2.1 Introduction to HTML, History, Features 2.2. HTML tags & attributes 2.3 HTML Form elements 2.4. HTML Frameset 2.5. Limitations of HTML 2.6 Basics of CSS, Syntax 2.7 Types of CSS, Importance of CSS 2.8. CSS Selectors-Group, id, class 2.9. CSS properties- Border, background, list, image, margins 2.10. Advantages and limitations of CSS
				JAVA Script	3.1 Introduction to JavaScript. 3.2 Difference between client side and server side scripting. 3.3 Identifier & operators 3.4 Control structure 3.5. Dialog boxes 3.6 Functions 3.7 Event Handling 3.8 Objects 3.9 Form Validation
				HTML 5	4.1 Introduction to HTML5 4.2. Difference between HTML and HTML5 4.3 HTML5- Attributes, events 4.4 HTML5 canvas 4.5.HTML5 Audio & Video 4.6 HTML5 Drag & Drop 4.7 Web Forms 2.0



Head

Department Of B. C. A.
Balasaheb Desai College, Patan
Tal. Patan. Dist. Satara

(Dr. S. D. Pawar)
Principal
Balasaheb Desai College, Patan
Tal.- Patan, Dist.- Satara

**Koyna Education Society's
Balasaheb Desai College, Patan
Department of Commerce**



Core Value in the Prescribed Syllabus (Professional Ethics)

Name of the Teacher: Mr. Mohite A. L. & Mr. Khot P. N.

Subject: Fundamental of Entrepreneurship Development

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.Com II	Fundamental of Entrepreneurship Development Paper II	63123	Project Management	Unit III.
2	B.Com II	Fundamental of Entrepreneurship Development Paper I	63109	Recent Trends and Concepts in Entrepreneurship.	Unit IV.
3	B.Com II	Fundamental of Entrepreneurship Development Paper I	63109	Entrepreneurship and Entrepreneurship Development	Unit II.
4	B.com.-II	Fundamental of Entrepreneurship Development P-II	63123	Woman Entrepreneurship	Unit No-1.
5	B.com.-II	Fundamental of Entrepreneurship Development P-II	63123	Rural Entrepreneurship	Unit No-3.

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Core Value in the Prescribed Syllabus (Professional Ethics)

Name of the Teacher: Dr. S. V. More

Subject: Modern Management

Sr. No.	Class	Title of the Paper	Subject Code (Uni.)	Title of the Module	Unit/ Subunit
1	B.Com.- III	Modern Management Practices P-I	51432	Contribution to Modern Management Practices (MMP)	Unit No-2.

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Core Value in the Prescribed Syllabus (Environment and Sustainability)

Name of the Teacher: Mr. Mohite A. L.

Subject: Insurance

Sr. No	Programme & Course	Title of the Paper	Subject Code	Title of the Module	Unit
1	B.Com.-I	Insurance (P-I)	59643	Fire Insurance	Unit No-1.
2	B.Com.-I	Insurance (P-I)	59643	Marine Insurance	Unit No-2.


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Core Value in the Prescribed Syllabus (Environment and Sustainability)

Name of the Teacher: Mr. Mohite A. L.

Subject: Principles of Marketing

Sr. No	Programme & Course	Title of the Paper	Subject Code	Title of the Module	Unit
1	B.Com I	Principles of Marketing P I	59641	Recent Development in Marketing	Unit 4.


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