



Sahyadri Bahujan Vidya Prasarak Samaj
LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,
Talegoan Dighe Tal.Sangamner, Dist.Ahmednager- 422611
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS /101/2008)
<https://lbtcollege.in/>, Email- lbtcollege853@gmail.com/sbvpsacsctd@gmail.com



1st Cycle

Criterion-1 Curricular Aspects

KI : 1.3. Curricular Enrichment

QIM - 1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.

CRITERION - 1

CURRICULAR ASPECTS

1.3 Curricular Enrichment

CRITERION - 1

CURRICULAR ASPECTS

1.3. Curricular Enrichment

1.3.1. Institution

**integrates
crosscutting issues
relevant to
Professional Ethics,
Gender, Human
Values,
Environment and
Sustainability into
the Curriculum**



Sahyadri Bahujan Vidya Prasarak Samaj
LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS /101/2008)
Talegoan Dighe Tal.Sangamner, Dist.Ahmednager - 422611
<https://lbtcollege.in/>, Email - lbtcollege853@gmail.com / sbvpsacsctd@gmail.com



Assesment and Accreditation

Criterion:

1 Curricular Aspects

KI : 1.3 Curriculum Enrichment

QIM - 1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum



Sahyadri Bahujan Vidya Prasarak Samaj
**LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,**

Talegoan Dighe Tal.Sangamner, Dist.Ahmednager - 422611
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS /101/2008)
<https://lbtcollege.in/>, Email - lbtcollege853@gmail.com / sbvpsacsctd@gmail.com



Date:- 24/06/2024

DECLARATION

This is declare that the information, reports,true copies of the Supporting documents, numerical data etc. submitted/presented in this file is verified by internal Quality Assurance Cell (IQAC) and is correct as per the records. This declaration is for the purpose of NAAC accreditation of HEI for 1st Cycle period

2018-19 To 2022-23.

Date:- 24/06/2024

Place:- Talegaon Dighe.


IQAC CO-ORDINATOR
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A.NAGAR




PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A.NAGAR

**LIST OF THE
COURSES
ADDRESS
CROSSCUTTING
ISSUE**

**List of Courses addresses crosscutting issues as per Syllabus
(2013 Pattern)**

Cross Cutting Issues Addressed:- Professional Ethics Issues

Sr. No.	Programme Name	Course code	Name of Course	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)
01.	All UG Programmes		Democracy, Election and Governance	Professional Ethics
02.	B. A. Marathi	1024	Adhunik Marathi Sahitya Vyavharik va Upyojit Marathi	Professional Ethics
03.	B. A. Marathi	G2	Adhunik Marathi Sahitya Aani Upyojit Marathi	Professional Ethics
04.	B. A. Marathi	S3	Sahityavichar	Professional Ethics
05.	B.A. Hindi	3097	Hindi Samanya (G- 3)	Professional Ethics
06.	B. A. Economics	S3	International Economics	Professional Ethics
07.	B. Sc. Botany	BO- 112	FYBSc Paper II Industrial Botany I(Sem- I)	Professional Ethics
08.	B. Sc. Botany	BO- 112	FYBSc Paper II Industrial Botany II (Sem- II)	Professional Ethics
09.	B. Sc. Botany	BO- 113	Practical PaperIII (Sem- I & II)	Professional Ethics
10.	B. Sc. Botany	BO-221	SYBSc Paper I Plant Anatomy and Embryology (Sem II)	Professional Ethics
11.	B. A. Political Science	G-I	FYBA: Indian Government and Politics	Professional Ethics
12.	B. Sc. Botany	BO-222	SYBSc Paper II Plant Biotechnology(Sem II)	Professional Ethics
13.	B. Sc. Botany	BO-223	Practical based on theory courses (Paper I and Paper II)	Professional Ethics
14.	B. Com	116(C)	Marketing and Salesmanship	Professional Ethics
15.	B. Com	231	Business Communication	Professional Ethics
16.	B. Com	354	Audit and Taxation	Professional Ethics



17	B. Sc. Mathematics	MT 102	Calculus and Differential equations	Professional Ethics
18	B. Sc. Mathematics	MT 103	Mathematics Practical's	Professional Ethics
19	B. Sc. Mathematics	MT 212(A)	Discrete Mathematics	Professional Ethics
20	B. Sc. Mathematics	MT212(B)	Laplace Transform and Fourier Series	Professional Ethics
21	B. Sc. Mathematics	MT213	Practical based on MT211,MT212	Professional Ethics
22	B. Sc. Mathematics	MT222(B)	Numerical methods and it's applications	Professional Ethics
24	B. Sc. Mathematics	MT223	Practical based on MT221,MT222	Professional Ethics
23	FYBCOM	1113 Compulsory English	A Devoted Son	Professional Ethics
24	SYBCom Business Communication	2113	Soft Skills, Interview Skills , Grooming Manners and Etiquettes, Group Discussions, Social Media Network	Professional Ethics
25	SYBCom Principle and Functions of Business Management	2143	Recruitment- Sources and Methods of Recruitment, Leadership	Professional Ethics
26	SYBCom Elements of Company Law	2153	Key Managerial Personnel- Appointment Rules Regarding Women Director	Professional Ethics
27	B. Com	231	Business Communication	Professional Ethics



28	All UG		Democracy, Election and Governance	Human Values
29	B. A. Marathi	1024	Adhunik Marathi Sahitya Vyavharik va Upyojit Marathi	Human Values
30	B. A. Marathi	G2	Adhunik Marathi Sahitya Aani Upyojit Marathi	Human Values
31	B. A. Marathi	S1	Marathi Sahityatil Vividha Sahitya Prakar	Human Values
32	B. A. Marathi	S2	Arwachin Marathi Wangmayacha Itihas (1818 to 1960)	Human Values
33	B. A. Marathi	G3	Adhunik Marathi Sahitya Aani Vyavharik Va Upyojit Marathi	Human Values
34	B. A. Marathi	S4	Bhashavidnyan Varnanatmak Aani Itihasik	Human Values
35	B.A. Hindi	2097	kahani kavya evm lekhan (G2)	Human Values
36	B.A. Hindi	3097	Hindi Samanya (G- 3)	Human Values
37	B. A. History	G1	Chh. Shivaji and His Times	Human Values
38	B. A. History	G2	Modern India (1857-1950)	Human Values
39	B. A. History	G3	History of The World in 20 Century (1914-1992)	Human Values
40	B. A. Geography	Gg- 310(G-3)	TYBA: Regional Geography of India OR Human Geography	Human Values
41	B. A. Political Science	G-I	FYBA: Indian Government and Politics	Human Values
42	B. A. Political Science	G-II	SYBA: Political Theory and Concepts	Human Values
43	B. A. Political Science	G-III	TYBA : Political Ideologies	Human Values



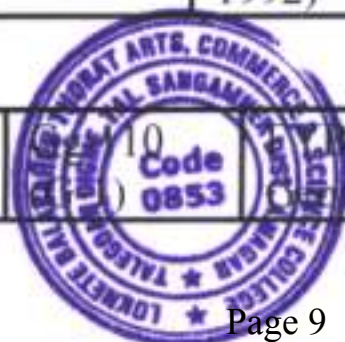
Cross Cutting Issues Addressed:- Gender Issues:-

45.	All UG Programmes		Democracy, Election and Governance	Gender
46.	B.A. Hindi	2099	Upnyas ,Natak Tatha Madhyugin Hindi Kavya(S2)	Gender
47.	B. A. Geography	Gg-320(S-3)	TYBA: Population and Settlement Geography	Gender
48.	B. A. Political Science	G-I	FYBA: Indian Government and Politics	Gender
49.	B. A. Political Science	G-II	SYBA: Political Theory and Concepts	Gender
50.	B. A. Political Science	G-III	TYBA : Political Ideologies	Gender

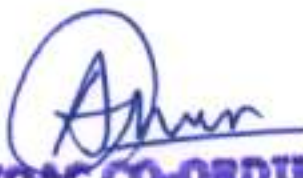
Cross Cutting Issues Addressed:- Environment and Sustainability

51.	ALL UG Programmes		EVS 231- Environment Awareness	Environment and Sustainability
52.	B.A. Hindi	2099	Upnyas ,Natak Tatha Madhyugin Hindi Kavya (S2)	Environment and Sustainability
53.	B.A. Hindi	3097	Hindi Samanya (G- 3)	Environment and Sustainability
54	B. A. History	G2	Modern India (1857-1950)	Environment and Sustainability
55	B. A. History	G3	History of The World in 20 Century (1914-1992)	Environment and Sustainability

56	B. A. Geography		B.A: Elements of Geomorphology	Environment and Sustainability
----	-----------------	--	--------------------------------	--------------------------------



57	B. A. Geography	Gg-210(G-2)	SYBA: Elements of Climatology and Oceanography OR	Environment and Sustainability
59	B. A. Economics	G1	Indian Economy – Problems and Prospects	Environment and Sustainability
60	B. A. Political Science	G-I	FYBA: Indian Government and Politics	Environment and Sustainability
61	B. A. Political Science	G-II	SYBA: Political Theory and Concepts	Environment and Sustainability
62	B. A. Political Science	G-III	TYBA : Political Ideologies	Environment and Sustainability
63	B. Sc. Chemistry	C-3	FYBSc: Chemistry Paper III (Practical Course)	Environment and Sustainability
64	B. Sc. Chemistry	CH- 223	SYBSc: Chemistry Practical	Environment and Sustainability
65	B. Sc. Chemistry	CH-347:	TYBSc: Physical Chemistry Practical	Environment and Sustainability
68	B. Sc. Botany	BO-111	FYBSc Paper I Plant Diversity (Sem- I)	Environment and Sustainability
69	B. Sc. Botany	BO- 111	FYBSc Paper I Plant Morphology and Anatomy(Sem-II)	Environment and Sustainability
70	B. Sc. Botany	BO-211	SYBSc Paper I Taxonomy of Angiosperms and Plant community (Sem I)	Environment and Sustainability
67	B. Sc. Chemistry	CH-349:	TYBSc: Organic Chemistry Practical	Environment and Sustainability
71	B. Sc. Botany	BO-212	SYBSc Paper II Plant Physiology (Sem I)	Environment and Sustainability


IQAC CO-ORDINATOR
 LOKNETE BALASAHAB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR




PRINCIPAL
 LOKNETE BALASAHAB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR

List of Courses addresses crosscutting issues as per new syllabus (CBCS- 2019 Pattern)

Cross Cutting Issues addressed- Professional Ethics

Sr. No	Programme Name	Course	Name of Course	Addressed issue
				(Professional Ethics, Gender, Human Values, Environment and Sustainability)
01.	All UG Programmes		Democracy, Election and Governance	Professional Ethics
02	B. A. English	C1	F. Y. B. A Compulsory English	Professional Ethics
03	B. A. English	C1	S. Y. B. A. Compulsory English (Core Course-CC)	Professional Ethics
04	B. A. Marathi	CC-1C	भाषिक कौशल्य आणि आधुनिक मराठीसाहित्य कादंबरी	Professional Ethics
05	B. A. Economics	S3	International Economics-I	Professional Ethics
06	B. A. Economics	SEC-2C	SSE Business Management- I	Professional Ethics
07	B. A. Political Science	11161	Introduction to Indian Constitution	Professional Ethics
08	B. A. Political Science	11162	Introduction to Indian Constitution	Professional Ethics
09	B. A. Political Science	CC-1 E	Local Self Government in Maharashtra -	Professional Ethics
10	B. A. Political Science	CC-2 E	Local Self Government in Maharashtra	Professional Ethics
11	B. Com	231	Business Communication	Professional Ethics
12	B. Com	354	Audit and Taxation	Professional Ethics
13	B. Com	116(C)	Marketing and Salesmanship	Professional Ethics
14	B. Sc. Physics	PHY-232	Electronics-I	Professional Ethics
15	B. Sc. Chemistry	CH-103	Chemistry Practical- I	Professional Ethics
16	B. Sc. Chemistry	CH-203	Chemistry Practical –II	Professional Ethics
17	B. Sc. Chemistry	CH-303	Chemistry Practical - III	Professional Ethics
18	B. Sc. Chemistry	CH-403	Chemistry Practical - IV	Professional Ethics
19	B. Sc. Chemistry	CH-503	Physical Chemistry	Professional Ethics



			Practical's	
20	B. Sc. Chemistry	CH-506	Inorganic Chemistry Practical's	Professional Ethics
21	B. Sc. Chemistry	CH-509	Organic Chemistry Practical's	Professional Ethics
22	B. Sc. Chemistry	CH-603	Physical Chemistry Practical's	Professional Ethics
23	B. Sc. Chemistry	CH-606	Inorganic Chemistry Practical's	Professional Ethics
24	B. Sc. Chemistry	CH-609	Organic Chemistry Practical's	Professional Ethics
25	B. Sc. Botany	BO - 112	Plant Morphology and Anatomy	Professional Ethics
26	B. Sc. Botany	BO - 113	Practical Based on BO- 111 & BO- 112	Professional Ethics
27	B. Sc. Botany	BO - 121	Plant Life and Utilization-II	Professional Ethics
28	B. Sc. Botany	BO - 122	Principles of Plant Science	Professional Ethics
29	B. Sc. Botany	BO - 123	Practical Based on BO- 121 & BO- 122	Professional Ethics
30	B. Sc. Botany	BO - 232	Plant Physiology	Professional Ethics
31	B. Sc. Botany	BO - 241	Plant Anatomy and Embryology	Professional Ethics
32	B. Sc. Botany	BO - 242	Plant Biotechnology	Professional Ethics
33	B. Sc. Botany	BO - 243	Practical based on BO 241 & BO 242	Professional Ethics
34	B. Sc. Mathematics	MT-113	Mathematics Practical	Professional Ethics
35	B. Sc. Mathematics	MT-123	Mathematics Practical	Professional Ethics
36	B. Sc. Mathematics	MT232(A)	Numerical Methods and Its Applications	Professional Ethics

Cross Cutting Issues Addressed:- Gender Issues

36	All UG Programmes		Democracy, Election and Governance	Gender
37	B.A English	AECC	F. Y. B. Com Compulsory	Gender
38	B. A. History	CC-2(3)	History of Maratha:1630 to1707	Gender
39	B. A. Geography	Gg: 220(A)	Population Geography – I	Gender
40	B. A. Geography	Gg: 220(B)	Population Geography – II	Gender
41	B. A. Political Science	11161	Introduction to Indian Constitution	Gender
42	B. A. Political Science	11162	II Introduction to Indian Constitution	Gender
43	B. A. Political Science	CC-1 C	An Introduction to Political Ideology	Gender
44	B. A. Political Science	CC-1 C	An Introduction to Political Ideology	Gender
45	B. A. Political Science	CC-1 E	Local Self Government in Maharashtra -	Gender
46	B. A. Political Science	CC-2 E	Local Self Government in Maharashtra	Gender



Cross Cutting Issues Addressed:- Human Values

47	All UG		Democracy, Election and Governance	Human Values
48	B.A. English	35334	SEC-2A and SEC-2D Mastering Life Skills and Life Values	Human Values
49	B. A. Marathi	DSE1A	आधुनिक मराठी साहित्य	Human Values
50	B. A. Marathi	DSE 1 D	मध्ययुगीन मराठी वाङ्मय:मायचा स्थूल इतिहास : १६०१ ते १८१७	Human Values
51	B. A. Marathi	DSE 1 C	मध्ययुगीन मराठी वाङ्मय:मायचा स्थूल इतिहास प्रारंभ ते १६००	Human Values
52	B. A. Marathi	DSE 2 C	वर्णनात्मक भाषा विज्ञान -भाग -०१	Human Values
53	B. A. Marathi	DSE 2 D	वर्णनात्मक भाषा विज्ञान -भाग -०२	Human Values
54	B. A. Hindi	G1 11092B	वैकल्पिक हिन्दी प्रश्नपत्रा	Human Values
55	B. A. Hindi	CC- 1C (G2)	आधुनिक काव्य कथा तथा व्यावहारीक हिन्दी	Human Values
56	B. A. Hindi	CC- 1D (G2)	आधुनिक हिन्दी व्यंग साहित्य तथा व्यावहारिक हिन्दी	Human Values
57	B. A. Hindi	CC - 1 E (G3)	कथेत्तर विधाय	Human Values
58	B. A. Hindi	CC - 1 F (G3)	गजल विधा और पत्राचार	Human Values
59	B. A. History	CC- 1(3)	History of Maratha:1630 to1707	Human Values



Cross Cutting Issues Addressed:- Environment and Sustainability

60	ALL UG Programmes		EVS 231- Environment Awareness	Environment and Sustainability
61	B.A. Geography	Gg: 210(A)	Environmental Geography I	Environment and Sustainability
62	B.A. Geography	Gg: 210(B)	Environmental Geography- II	Environment and Sustainability
63	B.A. Geography	Gg: 310(A)	Geography of Disaster Management-I	Environment and Sustainability
64	B. A. Economics	G3	Economic Indian Development- I	Environment and Sustainability
65	B. A. Economics	G1	Indian Economic Environment	Environment and Sustainability
66	B. A. Political Science	11161	Introduction to Indian Constitution -	Environment and Sustainability
67	B. A. Political Science	CC-1 C	An Introduction to Political Ideology	Environment and Sustainability
68	B. A. Political Science	CC-1 D	An Introduction to Political Ideology	Environment and Sustainability
69	B. A. Political Science	CC-1 E	Local Self Government in Maharashtra	Environment and Sustainability
70	B. A. Political Science	CC-2 E	Local Self Government in Maharashtra	Environment and Sustainability
71	B. Sc. Zoology	ZO-231	Animal Diversity III	Environment and Sustainability
72	B. Sc. Zoology	ZO-232	Applied Zoology I	Environment and Sustainability
73	B. Sc. Zoology	ZO-241	Animal Diversity IV	Environment and Sustainability



74	B. Sc. Zoology	ZO-242	Applied Zoology II	Environment and Sustainability
75	B. Sc. Chemistry	CH-103	Chemistry Practical- I	Environment and Sustainability
76	B. Sc. Chemistry	CH-203	Chemistry Practical –II	Environment and Sustainability
77	B. Sc. Chemistry	CH-303	Chemistry Practical - III	Environment and Sustainability
78	B. Sc. Chemistry	CH-403	Chemistry Practical - IV	Environment and Sustainability
79	B. Sc. Chemistry	CH-501	Physical Chemistry-I	Environment and Sustainability
80	B. Sc. Chemistry	CH-502	Analytical Chemistry-I	Environment and Sustainability
81	B. Sc. Chemistry	CH-503	Physical Chemistry Practical-I	Environment and Sustainability
82	B. Sc. Chemistry	CH-504	Inorganic Chemistry-I	Environment and Sustainability
83	B. Sc. Chemistry	CH-505	Industrial Chemistry	Environment and Sustainability
84	B. Sc. Chemistry	CH-506	Inorganic Chemistry Practical-I	Environment and Sustainability
85	B. Sc. Chemistry	CH-507	Organic Chemistry-I	Environment and Sustainability
86	B. Sc. Chemistry	CH-508	Chemistry of Biomolecules	Environment and Sustainability
87	B. Sc. Chemistry	CH-509	Organic Chemistry Practical-I	Environment and Sustainability
88	B. Sc. Chemistry	CH-510	(A) Introduction of Medicinal Chemistry OR (B) Polymer Chemistry	Environment and Sustainability
89	B. Sc. Chemistry	CH-511	(A) Environmental Chemistry OR (B) Chemo informatics	Environment and Sustainability

Akhen
IQAC CO-ORDINATOR
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR



W. D. D. D.
PRINCIPAL
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR

90	B. Sc. Chemistry	CH-601	Physical Chemistry-II	Environment and Sustainability
91	B. Sc. Chemistry	CH-602	Physical Chemistry -III	Environment and Sustainability
92	B. Sc. Chemistry	CH-603	Physical Chemistry Practical-II	Environment and Sustainability
93	B. Sc. Chemistry	CH-604	Inorganic Chemistry-II	Environment and Sustainability
94	B. Sc. Chemistry	CH-605	Inorganic Chemistry-III	Environment and Sustainability
95	B. Sc. Chemistry	CH-606	Inorganic Chemistry Practical-II	Environment and Sustainability
96	B. Sc. Chemistry	CH-607	Organic Chemistry-II	Environment and Sustainability
97	B. Sc. Chemistry	CH-608	Organic Chemistry-III	Environment and Sustainability
98	B. Sc. Chemistry	CH-609	Organic Chemistry Practical-II	Environment and Sustainability
99	B. Sc. Chemistry	CH-610	(A) Chemistry of Soil and Agrochemicals OR (B) Introduction of Forensic Chemistry	Environment and Sustainability
100	B. Sc. Chemistry	CH-611	(A) Analytical Chemistry-II OR (B) Chemistry of Cosmetics and Perfumes	Environment and Sustainability
101	B. Sc. Botany	BO - 111	Plant Life and Utilization-I	Environment and Sustainability
102	B. Sc. Botany	BO - 231	Taxonomy of Angiosperms and Plant Ecology	Environment and Sustainability
103	B. Sc. Zoology	ZO-112	Animal Ecology	Environment and Sustainability
104	B. Sc. Zoology	ZO-121	Animal Diversity II	Environment and Sustainability

Ashu
IQAC CO-ORDINATOR
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR



V. Kulkarni
PRINCIPAL
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR

CRITERION - 1

CURRICULAR ASPECTS

1.3. Curricular Enrichment

1.3.1. Institution

integrates

crosscutting issues

relevant to

Professional Ethics,

Gender, Human

Values,

Environment and

Sustainability into

the Curriculum

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Department of Commerce

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Signature
B.com. SY B.com	2113	Business Communication	Soft skills Verbal & Non-Verbal comm. Communication Barriers	Interview Techniques Grooming manners Etiquettes Lifelong skills writing letters	New Technology in B.C. social media network Internet, Cultural Barriers	Communication skills, letter writing, press Release Do's & don'ts.	<i>[Signature]</i>
B.com. SY B.com	2123	Corporate Accounting	Payroll Accounting	Company Liquidation, Internal Reconstruction	Accounting Standard. 5.6.10, 14, 21 Computerised Accounting	Amalgamation Absorption, Computerised Accounting	<i>[Signature]</i>
B.com. T.Y.B.com	3123	Advanced Accounting	Accounting Standard Rules & principles AT-15 Employee benefits	Cooperative Societies, Accounting Standard Related parties disclosure etc.	Claim for Loss of stock policy Final Accounts of Banking Co. Ltd.	Accounting standard - AS-5 Management Accounting various provisions	<i>[Signature]</i>



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
B.com F.Y.B.com	116D	Consumer Protection Business Ethics -	Consumer Education & Awareness	Corporate Social Responsibility	Consumer Protection Act 1986 E-Commerce	Business Ethics Principles of Business Ethics	Akher
B.B.Com S.Y.B.Com	115A	Business Communication	Recent trends in B.C., Social Media Network	Grammar, manners and Etiquettes of International & other Correspondence, Report writing	Barriers of Communication Cultural Barriers Linguistics Barriers Psychological Barriers	Methods and channels of communication, Business letter	Akher
B.Com F.Y.B.Com	115B	Banking & Finance	Structure of Banking, Type of Bank, Account holder	Function of Bank RBI, Bill of Exchange	NABARD, Commercial Banks, Public Co. Bank Co-operative Banking in India.	E-Banking ATM, Credit card, Debit card Net Banking	Akher



IQAC CO-ORDINATOR
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

Revised syllabi (2019Pattern) for three years F.Y. B. Com. Degree course (CBCS)

Semester: I

Financial Accounting- I

Course Code - 112

No. of Credits :- 03 and for practical – 01



Objective of the Course:-

1. To impart knowledge of basic accounting concepts
2. To create awareness about application of these concepts in business world
3. To impart skills regarding Computerised Accounting
4. To impart knowledge regarding finalization of accounts of various establishments.

Unit No.	Unit Title	Contents	Purposed Skills to be developed
1	Accounting Concepts, Conventions and Principles and an overview of Emerging Trends in Accounting	<p>(A) Accounting Concepts, Conventions and Principles</p> <ol style="list-style-type: none"> 1. Money Measurement 2. Business Entity 3. Dual Aspect 4. Periodicity Concept 5. Realization Concept 6. Matching Concept 7. Accrual / Cash Concept 8. Consistency Concept 9. Conservatism Principle 10. Materiality Concept 11. Going Concern Concept 12. Historical Cost Concept <p>(B) Emerging Trends in Accounting</p> <ol style="list-style-type: none"> 1. Inflation Accounting 2. Creative Accounting 	<ul style="list-style-type: none"> • Knowledge about various accounting Concepts, Conventions and Principles. • Understanding emerging trends in accounting and its effect on accounting Practices.

		<p>3. Environmental Accounting 4. Human Resource Accounting 5. Forensic Accounting</p>	
2	Piecemeal Distribution of Cash	<ol style="list-style-type: none"> 1. Surplus Capital Method only, Asset taken over by a partner, 2. Treatment of past profits or past losses in the Balance sheet, 3. Contingent liabilities 4. Realization expenses/amount kept aside for expenses 5. adjustment of actual, Treatment of secured liabilities, 6. Treatment of preferential liabilities like Govt. dues/labour dues etc., Excluding: Insolvency of partner and Maximum Loss Method. 	<ul style="list-style-type: none"> • Knowledge about process of dissolution of partnership firm.
3	Accounts from Incomplete Records (Single Entry System)	<ol style="list-style-type: none"> 1. Meaning of single entry system 2. Features of Single Entry System 3. Conversion of Single Entry into Double Entry 	<ul style="list-style-type: none"> • Knowledge about single entry systems. • Purpose and advantages of double entry system • Process of conversion of single entry into double entry system.
4	Introduction to Goods and Services Tax laws and Accounting	<ol style="list-style-type: none"> 1. Constitutional Background of GST, Concepts and definition of GST. 2. IGST, CGST and SGST 3. Input and Output Tax credit 4. Procedure for registration under GST 	<ul style="list-style-type: none"> • Knowledge about conceptual framework of the GST • Knowledge about various components of GST. • Types of taxes under GST • Registration process under GST for business establishments.



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum: **Department of Commerce**

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
B.com	245	Element of Company Law - II	-	Board meeting 3 kinds. formalities of valid meeting Decision making	-	E-Governance E-Filing. winding-up Decision making.	
B.com	234	Business Management - I & II	-	Taylor, Henry peter Drucker, management thoughts. concept team work, Group dynamics	-	Recruitment sources and methods.	
				Communication (Interpersonal) Group Behaviour.	-	Delegation of Authority.	prof. Pathan S.H.



CORE COURSE – IV

Subject: BUSINESS MANAGEMENT -I

Course Code: 234

Total Credits: 03

1. Objectives of the course

- a. To provide basic knowledge and understanding about various concepts of Business Management.
- b. To help the students to develop cognizance of the importance of management principles.
- c. To provide an understanding about various functions of management.
- d. To provide them tools and techniques to be used in the performance of the managerial job.

2. Depth of the program – fundamental Knowledge

Unit No.	Unit Title	Contents	Purpose / Skills to be developed
1	Management :	<ul style="list-style-type: none"> • Meaning definition of Management • Need for Management study • Process and levels of management • Functions of management • Contribution of F.W. Taylor, Henry Fayol, Peter Drucker, Mintzberg and Michel Porter in development of management thoughts 	<ol style="list-style-type: none"> 1. Understanding how management works 2. Developing thought process as a manager 3. Understanding functions of Management 4. Understand the role of Management Thinkers in development of modern management process
2	Understanding Management : Planning and Decision Making	<ul style="list-style-type: none"> • Meaning, definition and nature of Planning • Forms and types of Planning • Steps in Planning • Limitations of Planning • Meaning and techniques of Forecasting • Meaning, Types and Steps in Decision Making 	<ol style="list-style-type: none"> 1. How to plan various management activities, programmes and events 2. Developing of decision making skills to evaluate various alternatives and situations 3. Understanding the concept of forecasting
Unit No.	Unit Title	Contents	Skills to be developed



3.	Management at Work : The process of organizing and staffing	<ul style="list-style-type: none"> • Meaning, Process and Principles of Organizing • Concept of Authority and Responsibility • Delegation of Authority • Difficulties in Delegation of Authority • Need and importance of Staffing • Recruitment : Sources and Methods 	<ol style="list-style-type: none"> 1. Understanding the importance and process of organisation 2. Understanding authority and process of delegation of authority 3. Understanding process of recruitment
4.	Result orientation : Direction and Team Work	<ul style="list-style-type: none"> • Meaning, Elements, Principles, Techniques and Importance of Direction. • Concept of Team Work, Group Dynamics and principles regarding interpersonal communication and Group Behaviour 	<ol style="list-style-type: none"> 1. How to direct a group / team? 2. Team building skills 3. Winning confidence of group members 4. How to initiate healthy discussions to achieve consensus?

Teaching Methodology

Topic No.	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
1	12	PowerPoint Presentations, YouTube Videos	Films on Process of Management and Films on Management Thinkers	Poster Presentation on Management Thinkers and their role in present business management	Students will get an idea about the basic managerial process
2	12	PowerPoint Presentations, YouTube Videos	Documentaries	Student group activities which involve Planning and Decision Making	Students will get an idea about how planning works in real life.
3	12	PowerPoint Presentations, YouTube Videos	Lectures on industry experts and documentaries on organizing and staffing	Poster Presentation	Students will understand the process of implementation of both the concepts.
4	12	PowerPoint Presentations, YouTube	documentaries	Student group activities which involve direction and team work.	Students will understand importance of proper direction and



CORE COURSE – V

Subject: **ELEMENTS OF COMPANY LAW-II** Course Code: 245

Total Credits: 03

Depth of the program – Fundamental Knowledge

Objectives of the Program

1. To develop general awareness among the students about management of company
2. To have a comprehensive understanding about Key managerial Personnel of company and their role in Company administration.
3. To acquaint the students about E Governance and E Filing under the Companies Act, 2013.
4. To equip the students about the various meetings of Companies and their importance.
5. To make students capable of becoming good human resource of the corporate sector.

Unit No	Unit Title	Contents	Purpose Skills to be developed
1	Management of Company	Management of Company: 1. Board of Directors: Definition, Powers, Restrictions, Prohibition on Board. 2. Director: Meaning and Legal position of Directors,. Types of Directors, Related Party Transactions(Sec.188) 3. Appointment of Directors, Qualifications and Disqualifications, Powers, Duties, Liabilities of Directors, Loans to Directors, Remuneration of Directors	To Equip the students with procedure and practices



2	Key Managerial Personnel (KMP)	Key Managerial Personnel (KMP) (U/S 203) 1. Meaning, Definition and Appointments of Managing Director, Whole Time Director, Manager, CS 2. Company Secretary (CS)- Term of office/ Tenure of appointment, Role of Company secretary 3. Distinction between Managing Director, Manager and Whole Time Director - Role (Powers, Functions of above KMP) 4. Corporate Social Responsibility (CSR) [U/S 135] – Concept who is Accountable, CSR Committee, Activities under CSR,	To have Comprehensive understanding about the Key Managerial Persons and CSR
3.	Company Meetings	Company Meetings: 1. Board Meeting – Meaning and Kinds 2. Conduct of Meetings - Formalities of valid meeting [Provisions regarding agenda, notice, quorum, proxies, voting, resolutions (procedure and kinds) minutes, filing of resolutions, Virtual Meeting] 3. Meeting of Share Holders General Body Meetings, Types of Meetings A. Annual General Meeting (AGM), (Ss.96 to 99) B. Extraordinary General Meeting (EOGM).(Sec.100) 4. Provisions regarding convening, constitution, conducting of General Meetings contained in Ss.101 to 114	To acquaint students about
4.	E Governance and Winding up Company	E Governance and Winding up of a Company 1. E Governance –meaning, Importance of E Governance 2. E Filing – Basic concept of MCA, E Filing 3. Winding –up: Meaning of winding-up, Dissolution of company, Conceptual understanding of winding-up by the Tribunal, 4. Compulsory winding-up, Members' voluntary winding-up, Creditors' voluntary winding-up	To be able to appreciate the emerging E Governance and E- filing under the Companies Act, 2013. Learn the winding up of company.

[Note: Recent amendments in the Acts and relevant Landmark cases decided by courts are expected to be studied]

Teaching Methodology

Topic No.	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome



Department of Economics

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum: (B.com) - 2019 pattern.

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
F.Y. B.com	113	Business Economics (व्या. अर्थशास्त्र सुद्धम)	Mrs. Robinson's Theory of Rent.	Consumer's Behaviour, Consumer Surplus.	External Economies of firm.	Theory of Profit, Theory of Wages.	<u>Kash</u> Kale N. N.
	123						
S.Y. B.com	133	Business Economics (micro)		Keynes Theory of Consumption -		Function of money, Theory of money	<u>Kash</u> Kale N. N.
	243	व्यावसायिक अर्थशास्त्र (असमग्र)					
T.Y. B.com	353-I	Indian Global Economic	Human Development Index, Genderbase Development Index	HDI, GDI, GII, Human Development Index	Organic farming, Contract farming, Advantages	Agricultural finance, Marketing	<u>Kash</u> Kale N. N.
	363-II	Development भारतीय आणि जागतिक आ. विकास					



HEAD OF DEPT. ECONOMICS
 LONNETE BALASAHAB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGDAN DIST. A. NAGAR
 TAL. SANGAMNER DIST. A. NAGAR

Savitribai Phule Pune University, Pune

Third Year, B.Com. (Core Course)

Revised Syllabi for Three Years B. Com. Degree Course
(CBCS-2019 Pattern) (w.e.f. 2021-22)

Semester - V

Course Code: 353

Subject: Indian & Global Economic Development

Total Credits: 3

Preamble:

An approach to Indian and Global Economic Development is to examine the Indian economic development policies in context with global economies. This paper aims to provide knowledge about economic development of India, economic development policies that are applied for development of economy in general and development of various sectors in particular. It also aims to develop ability of the students to analyze the development of Indian economy as compared to global economies through the comparison of different sectors like agriculture, Industry, service and availability of resources and its quality.

Scope of the Programme –

Knowledge related to development policies of Indian Economy as compared to World Economies.

Objectives:

1. To develop ability to analyze economic development process of India.
2. To impart knowledge about the relevance of economic practices in modern competitive world.
3. To help the students develop a sound theoretical foundation for their future academic ventures.

Course Outcomes:-

1. Students will be able to understand present Economic Scenario of Indian Economy as well as World Economy.
2. Students will be able to understand the various aspects of development in Agricultural, Industrial and service sector in India.
3. Student will be able to critically evaluate the role of India in international economy.
4. Students will be able to evaluate the working of international financial organization and institutions.



Unit No.	Topic	Purpose & Skills to be Developed
Unit 1	Indian and Global Economy	
	1.1 Economic Development: Meaning and Indicators	
	1.2 Developed and Developing Countries: Meaning	
	1.3 Characteristics of Indian Economy as an Emerging Economy	Purpose: To make the students aware of concept of Development. To help the students compare Indian Economy with other developed and competitive economies. Skills: Analyze & think critically, develop writing skills.
	1.4 Comparison of the Indian Economy with World Economy with reference to: National Income, Population, Agriculture, Industry and Service Sector (Gender)	
Unit 2	Agricultural Development In India	
	2.1 Indian Agriculture: Role and Progress	
	2.2 Low Productivity of Indian Agriculture: Causes and Measures	Purpose: To give the knowledge about varied aspects of agricultural sector in India.
	2.3 Agricultural Finance: Need and Sources	Skills: Analyze & think critically, developing critical and analytical writing skills.
	2.4 Agricultural Marketing: Problems and Measures	(Ethics)
	2.5 New Farm Act 2020 (Professional Ethics)	
2.6 Organic Farming and Contract Farming: Meaning and Advantages (Environment & Sustainability)		
Unit 3	Industrial Development in India	
	3.1 Role of Industrialization in Indian Economic Development	Purpose: To give the knowledge about importance and status of Industrial Development in Indian Economy.
	3.2 New Industrial Policy 1991	To update the students about the latest policies for Industrial development in India.
	3.3 Role of Micro, Small and Medium Scale Enterprises (MSMEs) in India	Skills: Analyze & think critically, developing critical writing skills.
	3.4 Role and Problems of Public Sector Enterprises in India	



	3.5 New Schemes for Industrial Development: Make in India, Start-up India and Stand up India
Unit 4	Service Sector and Infrastructural Development in India (Professional Ethics)
	4.1 Role and Growth of Service Sector in India
	4.2 Meaning and Effects of Digital Economy, E-Commerce and E-Finance
	4.3 Role of Infrastructure in Economic Development of India
	4.4 Role of Public and Private Sector in Infrastructural Development
	<p>Purpose: To provide the knowledge about importance and status of Service Sector and Infrastructure Development in Indian Economy</p> <p>Skills: Analyze & think critically, developing critical writing skills.</p>

Teaching Methodology:

Unit No.	No. of Lectures	Innovative methods to be used	Film Shows and AV Applications	Project	Expected Outcome
1	10	<ul style="list-style-type: none"> Open Book discussion Digital lectures Reading Projects 	You Tube lectures on Development Theories and Indian Economic Development	Difference in goals of developed and developing economies	<ul style="list-style-type: none"> Students will understand basic concepts of Development. Will be able to analyze and interpret critically
2	14	<ul style="list-style-type: none"> Group discussion Case studies Problem solving based learning 	<ul style="list-style-type: none"> You Tube lectures, Lectures on SWAYAM Portal 	<ul style="list-style-type: none"> Difficulties in Agricultural development in India. Features of Agricultural Policy 	<ul style="list-style-type: none"> Will know Difficulties in agricultural development in India. Will understand the sources of agro finance marketing
3	12	<ul style="list-style-type: none"> Pair learning Group discussion Open book 	<ul style="list-style-type: none"> Teacher oriented PPTs. You tube lectures 	<ul style="list-style-type: none"> Critical evaluation of Industrial Policy Analysis of Indian Industrial Sector 	<ul style="list-style-type: none"> Will understand New Industrial Policy Able to interpret the features of Indian Industrial Sector



Revised syllabi (2019Pattern) for three years F.Y. B. Com. Degree course (CBCS)

Semester-I
Business Economics (Micro) - I

No. of Credits :- 03

Course Code - 113

Objectives of the course:-

1. To impart knowledge of business economics
2. To clarify micro economic concepts
3. To analyze and interpret charts and graphs
4. To understand basic theories, concepts of micro economics and their application

Unit No.	Unit Title	Contents	Purpose & skills to be developed
1	Introduction and Basic Concepts	1.1 Meaning, Nature, Scope and Importance of Business Economics 1.2 Concept of Micro and Macro Economics 1.3 Tools for Economic Analysis- Functional Relationship, Schedules, Graphs and Equations 1.4 Basic Concepts: Household, Consumer, Firm, Plant and Industry 1.5 Goals of Firms- Economic and Non-Economic	<ul style="list-style-type: none"> • To make the students aware of concepts in micro economics • To help the students understand the difference between micro and macro economics • To make the students understand economic and non-economic goals of firms. Skills : Analyze and think critically, develop writing skills
2	Consumer Behavior	Utility: Concept and Types 2.2 Cardinal Approach: Law of Diminishing Marginal Utility and Law of Equi Marginal Utility 2.3 Consumer Surplus: Concept and Measurement 2.4 Ordinal Approach: Indifference curve Analysis- Concept, Characteristics, Consumer Equilibrium	<ul style="list-style-type: none"> • To help the students understand the concept of utility • To impart knowledge of cardinal and ordinal approach • To make them understand the concept of consumer surplus Skills: Understanding complex theories and concepts Geometrical skills, mathematical aptitude, writing skills



3.	Demand and Supply Analysis	<p>3.1 Concept of Demand</p> <p>3.2 Determinants of Demand</p> <p>3.3 Law of Demand</p> <p>3.4 Elasticity of Demand</p> <p>3.4.1 Price Elasticity of Demand - Meaning, Types, Measurement, Uses and Significance</p> <p>3.4.2 Income Elasticity of Demand-Meaning and Types</p> <p>3.4.3 Cross Elasticity of Demand-Meaning and Types</p> <p>3.5 Supply : Concept, Determinants and Law of Supply</p> <p>3.6 Equilibrium of Demand and Supply for Price Determination</p>	<ul style="list-style-type: none"> To understand the concept of demand and elasticity of demand To impart knowledge of law of supply and the determinants of law of supply To help the students understand price determination in varied demand and supply condition <p>Skills imparted: Applying mathematical and statistical analysis methods extracting information, drawing conclusions</p>
4.	Production Analysis	<p>4.1 Concept of Production Function</p> <p>4.2 Total, Average and Marginal Production</p> <p>4.3 Law of Variable Proportions</p> <p>4.4 Law of Returns to Scale</p> <p>4.5 Economies and Diseconomies of Scale-Internal and External</p>	<ul style="list-style-type: none"> To help the students understand the relation between revenue concepts To understand theories of production function To make students know about economies and diseconomies of scale <p>Skills: Interpret economic theories, writing skills, understand charts and graphs.</p>



2	2.1 Meaning and Definition	To understand the concept Inflation. To understand the stagflation and Phillips curve. Skills: Understanding, writing skills, critical thinking
	2.2 Causes of inflation	
	2.3 Consequences of Inflation	
	2.4 Demand Pull and Cost Push Inflation	
	2.5 Stagflation: Meaning and Causes	
Unit 3	Trade cycle:	Purpose: To understand the concept and phases of trade cycle. To understand the policy measures Skills: Understanding, writing skills, critical thinking
	3.1 Meaning and Definition of Trade Cycle	
	3.2 Characteristics of Trade Cycle	
	3.3 Phases of Trade Cycle	
	3.4 Control of Trade Cycle: Monetary Measures and Fiscal Measures	
Unit 4	Public Finance:	Purpose: To understand Public Finance. To understand the Procedure of Budget. Skills: Understanding, Critical thinking and writing skills.
	4.1 Meaning and Definitions.	
	4.2 Scope of Public Finance.	
	4.3 Importance of Public Finance.	
	4.4 Meaning and Types of Tax.	
	4.5 Public Expenditure: Meaning and Causes of Increasing Public Expenditure.	
	4.6 Public Debt: Meaning and Importance.	
	4.7 Budget: Meaning and Types.	

Teaching methodology:

Unit No	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
1	14	<ul style="list-style-type: none"> Open discussion Casestudies Problem solving based learning 	<ul style="list-style-type: none"> You tube lectures Films 	<ul style="list-style-type: none"> Implication of liquidity trap. Credit control methods used by India. 	<ul style="list-style-type: none"> Students will understand concept and theories of money. Will be able to critically evaluate supply of money in the economies.



Dept of Botany . F.Y.Bsc

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values,

Environment and Sustainability into the Curriculum:

C 2019) CBCS pattern - Department of Botany

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
F.Y. BSc	Bo.111	plant life and Utilization	—	—	life cycle of plants, propagation, utilization of various groups of plants	—	prof. Wagh A.S f. Solanki
F.Y. BSc	Bo.112	plant Morphology and Anatomy	—	—	Variation, Symmetry in external and Internal morphology of plant	—	prof. Wagh A.S f. Solanki
F.Y. BSc	Bo.12-1	plant life and Utilization-II	—	—	life cycle of plants, propagation Utilization of various group of plant	—	prof. Wagh A.S f. Solanki



f. Solanki
HEAD OF DEPT. BOTANY
LOKNETE BALASABH THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIST.
TAL. SANGAMNER DIST. A. NAGAR.

PRINCIPAL
LOKNETE BALASABH THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIST.
TAL. SANGAMNER DIST. A. NAGAR.

2

Dept. of Botany, F.Y. Bsc

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
F.Y. Bsc	Bo.122	principle of plant science	—	—	plant physiology -Relation of agriculture plant with environment factors, Used of molecular biology in production of Gmo plant	—	prof. blayh A.S f. Sataj

f. Sataj



Ramnar

HEAD OF DEPT. BOTANY
LOHARTE BALASAHAR THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALGOAN DIST.,
A. NAGAR

PRINCIPAL
LOHARTE BALASAHAR THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALGOAN DIST.,
A. NAGAR

Dept. of Botany
S.Y. Bsc

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Signature
S.Y. Bsc	Bo.2.31	Taxonomy of Angiosperms and plant Ecology	—	—	Systematic study of plant and study of biotic and abiotic factors interaction	—	prof. Wagh A.S f. S. Wagh
S.Y. Bsc	Bo.2.32	plant physiology	—	—	study of factors affecting on plants and human economic progress	—	prof. Wagh A.S f. S. Wagh
S.Y. Bsc	Bo.2.41	plant Anatomy and Embryology	—	—	study of Commercial value of wood of tree and study of plant genetics	—	prof. Wagh A.S f. S. Wagh

f. S. Wagh



W. S. Wagh

HEAD OF DEPT. BOTANY
LOKNETE BALASAHEB THARWAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DISTRICT,
TAL. SANGAMNER DIST. A. NAGAR

PRINCIPAL
LOKNETE BALASAHEB THARWAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DISTRICT,
TAL. SANGAMNER DIST. A. NAGAR

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
S.Y. Bsc	Bo. 242	Plant Biotechnology			Used of plants microbes life for welfare of man, study of plant genetics		prof. Wayh A.S f. S. D. S.

f. S. D. S.
HEAD OF DEPT. BOTANY
 LOKHETE BALASAHU THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIST.
 TAL. SANGAMNER DIST. A. NAGAR



Ramaji
PRINCIPAL
 LOKHETE BALASAHU THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIST.
 TAL. SANGAMNER DIST. A. NAGAR

SEMESTER-I: PAPER-I

BO-111: PLANT LIFE AND UTILIZATION I (30 Lectures)

CREDIT-I

15 Lectures (15 Hours)

1. INTRODUCTION

3 L

General outline of plant kingdom (**Lower Cryptogams**: Thallophytes-Algae, Fungi & Lichens; **Higher Cryptogams**: Bryophytes and Pteridophytes; **Phanerogams**: Gymnosperms and Angiosperms-Dicotyledons and Monocotyledons). Distinguishing characters of these groups and mention few common examples from each.

2. ALGAE

9 L

- 2.1: Introduction
 2.2: General Characters
 2.3: Classification (Bold and Wynne 1978) up to classes with reasons
 2.4: Life Cycle of *Spirogyra* w.r.t. Habit, Habitat, Structure of thallus, structure of typical cell, Reproduction- Vegetative, Asexual and Sexual, systematic position with reasons
 2.5: Utilization of Algae in Biofuel Industry, Agriculture, Pharmaceuticals, Food and Fodder

3. LICHENS

3 L

- 3.1: Introduction
 3.2: General Characters
 3.3: Nature of Association, forms- Crustose, Foliose and Fruticose.
 3.4: Utilization of lichens.

C Environment & Sustainability

CREDIT-II

15 Lectures (15 Hours)

4. FUNGI

9 L

- 4.1: Introduction
 4.2: General Characters
 4.3: Classification (Ainsworth, 1973)
 4.4: Life Cycle of Mushroom- *Agaricus bisporus* w.r.t. Habit, Habitat, Structure of thallus, Structure of Sporocarp, Structure of Gill, Reproduction- Asexual and sexual, Systematic position.
 4.5: Utilization of Fungi in Industry, Agriculture, Food and Pharmaceuticals.

C Environment & Sustainability

5. BRYOPHYTES

6 L

- 5.1: Introduction
 5.2: General Characters
 5.3: Classification (G.M. Smith 1955)
 5.4: Life Cycle of *Riccia* w.r.t. Habit, habitat, external and internal structure of thallus, Reproduction- vegetative, asexual and sexual- Structure of sex organs, fertilization, structure of mature sporophyte, structure of spore, systematic position with reasons.
 5.5: Utilization: Bryophytes as ecological indicators, agriculture, fuel, industry and medicine.

(Development of sex organs not expected for all the above mentioned life cycles).



SEMESTER-I: PAPER-II**BO-112: PLANT MORPHOLOGY AND ANATOMY (30 Lectures)****CREDIT-I****15 Lectures (15 hours)****1. MORPHOLOGY:****2 L**

1.1: Introduction, definition, descriptive and interpretative morphology.

1.2: Importance in identification, nomenclature, classification, phylogeny and Plant breeding.

2. MORPHOLOGY OF REPRODUCTIVE PARTS:**2.1: INFLORESCENCE:****3 L**

2.1.1 Introduction and definition

2.1.2 Types:

a) Racemose - Raceme, Spike, Spadix, Corymb, Umbel, Catkin and Capitulum.

b) Cymose - Solitary, Monochasial- Helicoid and scorpioid; Dichasial and Polychasial.

c) Special types - Verticillaster, Cyathium and Hypanthodium.

2.1.3 Significance

2.2: FLOWER:**7 L**

2.2.1 Introduction and definition

2.2.2 Parts of a typical flower: Bract, Pedicel, Thalamus- forms, Perianth- Calyx and Corolla, Androecium and Gynoecium.

2.2.3 Symmetry: Actinomorphic and zygomorphic, Sexuality- Unisexual and bisexual, Insertion of floral whorls on thalamus- Hypogyny, Epigyny and perigyny, Merous condition- Trimerous, tetramerous and pentamerous.

2.2.4 Floral whorls:

a) **Calyx:** Nature- Polysepalous, Gamosepalous; Aestivation- types, Modifications of Calyx- Pappus, Petaloid and Spurred.b) **Corolla:** Forms of Corolla-

i) Polypetalous- Cruciform and Papilionaceous.

ii) Gamopetalous- Infundibuliform, Bilabiate, Tubular and Campanulate.

iii) Aestivation- types and significance.

c) **Perianth:** Nature- Polytepalous, Gamotepalous.d) **Androecium:** Structure of typical stamen, Variations- cohesion and adhesion.e) **Gynoecium:** Structure of typical carpel, number, position, cohesion and adhesion; placentation- types and significance.**2.3: FRUITS:****3 L**

2.3.1 Introduction and definition

2.3.2 Types of fruits:

a) **Simple:** Indehiscent - Achene, Cypsela, Nut and Caryopsis.

Dehiscent - Legume, Follicle and Capsule,

b) **Fleshy:** Drupe, Berry, Hesperidium and Pepo.c) **Aggregate:** Etaerio of Berries and Etaerio of Follicles.d) **Multiple fruits:** Syconus and Sorosis.

SEMESTER-II: PAPER-I

BO-121: PLANT LIFE AND UTILIZATION-II (30 Lectures)**CREDIT-I**

15 Lectures (15 hours)

- 1. INTRODUCTION:** Introduction to plant diversity- Pteridophytes, Gymnosperms and Angiosperms with reference to vascular plants. 3 L
- 2. PTERIDOPHYTES:** General characters, Outline classification according to Sporne (1976) up to classes with reasons. Life cycle of *Nephrolepis* w.r.t. Habit, habitat, distribution, morphology, anatomy of stem and leaf, Reproduction – vegetative and sexual. 10 L
- 3. Utilization and economic importance of Pteridophytes.** 2 L

CREDIT-II

C Environment & Sustainability

15 Lectures (15 hours)

- 1. GYMNOSPERMS:** General characters, Outline classification according to Sporne (1977) up to classes with reasons. Life cycle of *Cycas* w.r.t. Habit, Habitat, Distribution, Morphology and Anatomy of Stem, leaf and reproductive organs- Male cone, Microsporophyll, microspores and megasporophyll, megaspore; structure of seed; Utilization and economic importance of gymnosperms. 8 L
- 2. ANGIOSPERMS:** General characters, Outline of classification of Bentham and Hooker's system up to series, comparative account of monocotyledons and dicotyledons. 4L
- 3. Utilization and economic importance of Angiosperms:** In food, fodder, fibers, horticulture and medicines. 3L

REFERENCES:

1. Bendre, Ashok and Kumar, Ashok (1993). A Text Book of Practical Botany, Rastogy Publications, Meerut.
2. Chamberlain, C.J. (1934). Gymnosperms- Structure and Evolution. Chicago.
3. Coulter, J.M. and Chamberlain, C.J. (1917). Morphology of Gymnosperms. Chicago.
4. Davis, P.H. and Heywood, V.H. (1963). Principles of Angiosperms taxonomy. Oliver and Boyd Publ. London.
5. Dutta, S.C. (1988). Systematic Botany. Wiley Eastern Ltd., New Delhi.
6. Eames, E.J. (1983). Morphology of Vascular Plants. Standard University Press.
7. Gangulee and Kar (2006). College Botany. New Central Book Agency (P.) Ltd. Kolkata.
8. Naik, V.N. (1994). Taxonomy of Angiosperms. Tata McGraw Hill Publishing Comp., New Delhi.
9. Parihar, N.S. (1976). Biology and Morphology of Pteridophytes. Central Book Depot.
10. Rashid, A. (1999). An Introduction to Pteridophyta. Vikas Publishing House Pvt. Ltd. New Delhi.
11. Sharma, O.P. (1990). Text Book of Pteridophyta. McMillan India Ltd. Delhi.
12. Singh, V. and Jain, D.K. (2010). Taxonomy of Angiosperms. Rastogy Publications, Meerut.



**S.Y.B.Sc. Botany CBCS Pattern
(Semester III, Paper I) 2020-2021**

BO 231: Taxonomy of Angiosperms and Plant Ecology - 2 Credits (30 Lectures)

Sr. No.	Topic Details	No. of Lectures
Credit-I		15
1.	Introduction to Angiosperms Taxonomy Definition, scope, objectives and importance of taxonomy Exploration, Description, Identification, Nomenclature and classification Concept of Systematics with brief historical background	02
2.	Systems of classification Comparative account of various systems of classification Artificial system- Carl Linnaeus Natural system- Bentham and Hooker Phylogenetic system- Engler and Prantl APG system- A brief review	05
3.	Study of Plant Families (Addressing Environment & Sustainability Issues) Study of following families with reference to systematic position (As per Bentham and Hooker's system of classification), salient features, floral formula, floral diagram and any five examples with their economic importance – Annonaceae, Brassicaceae, Myrtaceae, Rubiaceae, Solanaceae, Apocynaceae, Nyctaginaceae and Amaryllidaceae	08
Credit-II		15
4.	Botanical Nomenclature Concept of nomenclature, brief history, Binomial nomenclature International Code for Nomenclature of Algae, Fungi and Plants (ICN)- Principles, Rules and Recommendations; 'Type' specimen and its types (Holotype, Paratype, Isotype, Lectotype, Neotype). Concept of Typification. Ranks and endings of taxa names, Coining of Genus and Species names Single, double and multiple authority citations	05
5.	Introduction to ecology (Environment & Sustainability) Definition, concept, scope, and interdisciplinary approach, autecology and synecology. Species diversity: definition, concept, scope, and types: Alpha, Beta and Gamma diversity. Methods of vegetation sampling: quadrat method, transect method, plot less method Genetic Diversity: definition, nature and origin of genetic variations Species Diversity: definition, origin of species diversity, diversity indices, species abundance Ecosystem Diversity: definition, major ecosystem types of the world, Hotspots in India – concept and basis of 'hotspot' identification.	06
6.	Ecological grouping of the plants Ecological grouping of the plants with reference to their significance of adaptive external and internal features: a) Hydrophytes, b) Mesophytes c) Xerophytes d) Halophytes with examples.	04



SEMESTER IV

S.Y.B.Sc. Botany CBCS Pattern

(Semester IV, Paper I) 2020-2021

BO 241: Plant Anatomy and Embryology- 2 Credits (30 Lectures)

Credit-I Plant anatomy:

(15 Lectures)

1. Introduction

2L

1.1 Definition

1.2 Scope of plant anatomy

2. Epidermal tissue system

3L

2.1 Structure, types and functions of epidermis

2.2 Structure, types and functions of Stomata

2.3 Epidermal outgrowths- non-glandular and glandular

2.4 Motor cells

3. Mechanical tissue system

3L

3.1 Principles involved in distribution of mechanical tissues with one example each

a) Inflexibility,

b) Incompressibility,

c) Inextensibility and

d) Shearing stress

3.2 Vascular tissue system: Structure and function of xylem, phloem and cambium

4. Normal secondary growth

3L

4.1 Introduction

4.2 Normal secondary growth in dicotyledonous stem

4.3 Development of annual rings, periderm, bark, tyloses and lenticel

5. Anomalous secondary growth

4L

5.1 Introduction

5.2 Causes of anomalous secondary growth

5.3 Anomalous secondary growth in:

a) Dicotyledonous stem (*Bignonia*),b) Dicotyledonous root (*Raphanus*),c) Monocotyledonous stem (*Dracaena*)**Credit-II Plant Embryology**

(15 Lectures)

7. Introduction

1L

7.1 Definition and scope of plant embryology

8. Microsporangium and male gametophyte

4L

8.1 Structure of tetrasporangiate anther

8.2 Types of tapetum

8.3 Sporogenous tissue

8.4 Microsporogenesis: process and its types

8.5 Types of microspore tetrad

8.6 Male gametophyte: structure and development of male gametophyte



**S.Y.B.Sc. Botany CBCS Pattern
(Semester IV, Paper II) 2020-2021
BO 242: Plant Biotechnology (2 Cr- 30 Lectures)**

Credit I:**Chapter 1 Introduction to Plant Biotechnology**

3L

- 1.1 History and definition
- 1.2 Scope and importance of plant biotechnology
- 1.3 Current status of biotechnology in India.

Chapter 2 Plant Tissue Culture

8L

- 2.1 Concept of plant tissue culture and cellular totipotency
- 2.2 Basic techniques: Types of culture, Media preparation, sterilization, inoculation, incubation, hardening
- 2.3 Applications with reference to: Micropropagation, Somaclonal variation, Haploid production, Protoplast fusion & Somatic hybrids, Embryo rescue, Production of secondary metabolites.
- 2.4 Commercial Plant Tissue culture laboratories in Maharashtra and India.

Chapter 3 Single Cell Protein (SCP)

4L

- 3.1 Concept and definition
- 3.2 Importance of proteins in diet
- 3.3 Production of SCP from *Spirulina* and Yeast
- 3.4 Importance & acceptability of SCP

Credit II:**Chapter 4 Plant Genetic Engineering**

5L

- 4.1 Introduction, concept
- 4.2 Tools of genetic engineering (restriction enzymes, ligases, plasmid vectors)
- 4.3 Gene cloning Technique
- 4.4 Applications of plant genetic engineering: insect pest resistance, abiotic stress tolerance, herbicide resistance

Chapter 5 Genomics, Proteomics and Bioinformatics

5L

- 5.1 Genomics- concept, types, methods used for whole genome sequencing
- 5.2 Proteomics-concept, types, methods used in proteome analysis
- 5.3 Bioinformatics-concept, database and its classification, data retrieval tools.

Chapter 6 Bioremediation

2L

- 6.1 Introduction and concept
- 6.2 Microbial remediation
- 6.3 Phytoremediation

Chapter 7 Biofuel technology

3L

- 7.1 Definition, Concept and types of Renewable and nonrenewable energy sources
- 7.2 Definition and concept of Biogas, Bioethanol, Biobutanol, Biodiesel & Biohydrogen



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Department of Chemistry - 2019 pattern.

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
B.Sc	CH-511A	Environmental chemistry	-	-	chemical oxygen demand (COD) Biological oxygen demand. Water pollution & treatment methods.	-	Bhagwatree
B.Sc	CH-508	chemistry of Biomolecules	-	-	Carbohydrates vitamins Proteins.	-	Bhagwatree
B.Sc	CH-511A	Environmental chemistry	-	-	Green house Effect, Global Warming CO ₂ Emission Acid Rain	-	Bhagwatree



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
BSc	CH-505	Industrial chemistry	-	-	✓	Manufacturing of Basic chemicals. (1) Sulphuric acid (2) Nitric acid	BNZ
BSc	CH-506	Inorganic chemistry Practiced - II	-	-	• analysis of calcium from milk powder. • Analysis of fertilizer.	-	BNZ
BSc	CH-610 (CA)	chemistry of soil & agrochemi-cal.	-	-	• Plant Protection - Pesticide • soil testing • soil Analysis.	-	BNZ



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
BSc	CH-609	organic chemistry Practical	-	-	To extract lycopene from Tomato peels	-	Bhagwati
BSc	CH-609	organic chemistry Practical	-	-	To extract Trimyrstein from nutmeg	-	Bhagwati
BSc	CH-603	Physical Chemistry Practical	-	-	-	Instrument Handelling & Analysis.	Chandoli



SEC-II: CH-511: Skills Enhancing Course-II**[Credit -2, 36 L]**

Choose one out of the two options, A and B.

CH-511 (A) : Environmental Chemistry

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Concepts and Scope of Environmental Chemistry	06
2	Hydrosphere and Water Pollution	10
3	Analytical Techniques in water Analysis	10
4	Water pollution and treatment methods	10
Total		36

1: Concepts and Scope of Environmental Chemistry**(06L)**

Introduction, Environmental Pollution and Classification, Units of concentration, Segments of Environment, Biogeochemical cycles of C, N, P, S and O system

Reference: 1, 2, 3

Aims and objectives: -Students should know:

- i. Importance and conservation of environment.
- ii. Importance of biogeochemical cycles

2: Hydrosphere and Water Pollution**(10L)**

Water resources, Hydrological Cycle: stages of hydrological cycle and chemical composition of water bodies, Microbially mediated aquatic reactions, Classification of water pollutants

Organic and Inorganic pollutants, Sewage and Domestic waste, Sediments, Detergents, Pesticides, Eutrophication, Sampling and monitoring water quality parameters: pH, D.O. (Winkler Method), COD, TOC, Total hardness, free chlorine.

Reference: 1 Page no -47-62,

Aims and Objectives:- Students should know:

- i. Water resources
- ii. Hydrological Cycle
- iii. Organic and inorganic pollutants
- iv. Water quality parameters

3. Analytical Techniques in water Analysis**(10 L)**

Water quality parameters and standards, domestic water quality parameters, surface water, sampling, preservation, Monitoring techniques and methodology (pH, conductance, DO, ammonia, nitrate and nitrite, Cl, F, CN, Sulfide, sulphate, phosphate, total hardness, boron, metals and metalloids- As, Cd,



Cr, Cu, Fe, Pb, Mn, Hg (Exclude polarographic and AAS methods), COD, BOD, TOC, phenols, pesticides, surfactants, tannis and lignins, E. Coli, Case studies of water pollution.

Ref-1: 225-278

4. Water pollution and treatment methods

(10 L)

Water pollutants, Eutrophication, Waste water treatment (domestic waste water, aerobic treatment, anaerobic treatment, upflow aerobic sludge bed, industrial waste water treatment, drinking water supplies, Trace elements in water, chemical speciation (Cu, Pb, Hg, As, Se, Cr)

Ref-1: 167-225

Reference-1: Environmental Chemistry – A. K. De, Third Edition (Wiley)

Additional References:

1. Environmental Chemistry – A. K. De, 5th Edition (New age international publishers)
2. Environmental Chemistry – A. K. Bhagi and C. R. Chatwal (Himalaya Publishing House)
3. Environmental Chemistry – H. Kaur 2nd Edition 2007, Pragati Prakashan, Meerut, India
4. Environmental Chemistry – J. W. Moore and E. A. Moore (Academic Press, New York)
5. Basic Concepts of Analytical Chemistry: S. M. Khopkar, Wiley Eastern (1995)

CH-511 (B) : Cheminformatics

Chapter No.	Title of Topic/Chapter	No. of lecture
1	Introduction to Cheminformatics	02
2	Representation of Molecules and Chemical Reactions	10
3	Searching Chemical Structures	06
4	Applications of Cheminformatics	18
Total		36

1. Introduction to Cheminformatics

[02L]

- 1.1. History and progression of cheminformatics
- 1.2. Significance of cheminformatics
- 1.3. Prospects of cheminformatics and Molecular Modelling

Learning Outcomes:

1. Students should understand the significance of cheminformatics in the modern practices of chemical science
2. Students should learn the necessity of cheminformatics in chemical science

Ref. 2. (Page no. 4-11 and relevant pages)

2. Representation of Molecules and Chemical Reactions:

[10L]

- 2.1. Nomenclature



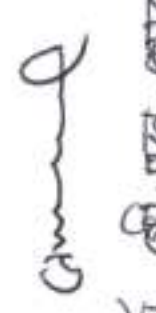


1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values,

Environment and Sustainability into the Curriculum:

Marathi, Department of Marathi




C 2013 pattern

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
B.A. S.Y.B.A. 2027		Marathi G2,		डॉ. बाबालखेज आंबेडकर यांच्या परिगल्भ्यतातून सामाजिक बांधिलकी, मानवता, बंधुता, समता याविषयी संवेदा बिला जातो.	-	मराठी साहित्यातील सर्व प्रकारातून मानवता वर्षा ह्येकोन, सामाजिक साहित्य, संवेदनशिलता, व्यावसायिक विकास ह्येकोन येतो.	 प्रा. डॉ. राजेंद्र गायकवाड.
B.A. S.Y.B.A.		Marathi, S.1.		'सरंगदांग' या काव्यशैलीतून मानवता, धर्मनिरपेक्षता या गोष्टींचा समानता आणि सर्वभौतिक चा संवेदा प्रकटतो.	डोंगर, वऱ्या, तेथील जिल्हा 'दांग मृगजे रांग' 'सरंग' मृगजे पर्वत, येथील पर्यावरण चा तैथीक मानवी आवनावर होणारा परिणाम, आजकालीन माणसाच्या पुनर्जागरण संदर्भ विविध हेतो.	-	 प्रा. डॉ. राजेंद्र गायकवाड.
B.A. S.Y.B.A.		Marathi S2.		कथा, कविता, नाटक काव्यशैली इत्यादी साहित्य प्रकारातून संवेदनशिलता व्यक्त होते. संसृच मानवतावादी ह्येकोन, समाजाप्रतीची असूया, व्यक्ति, श्रिता आदी विशेष साहित्यप्रकारातून व्यक्त होते.	-	प्राचीन, मध्ययुगीन मराठी वाङ्मयातून सामाजिक प्रश्न प्रचंड प्रमाणात दिसून येतात, मध्ययुगीन साहित्या- तून मानवी कल्याणाची सुनिश्चिता संतानी, कवीजी, व्यक्ति व्यक्त होती आहे.	 डॉ. वी. एल. हारवे.



HEAD OF DEPT. MARATHI
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DICHE
TAL. SANGAMESHWAR DIST. A. NAGAR


1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
B.A. T.Y.B.A.	3027	Marathi G3.	-	-	प्रवासावर्षाने आ स्वास्थ्यप्रकाशतून परिस्थितीक पर्यावरणाची ओळख होते.	सामाजिक वांछितता सावाप्रेम, सर्वधर्मसममान या गोष्टींचा संदेश मिळतो.	 डॉ. बी. एत. ठाकरे
B.A. T.Y.B.A.	3028	Marathi S.3.	-	स्वाध्यायाची सामाजिक या प्रकरणातून परिसरा मिक नैसर्गिक पर्यावरणाची ओळख होते.	स्वामाजिक बोधकरी - अशा मानवी मुल्यांच्या विचार	सामाजिक वांछितता संस्कृती परंपरा, सत्यता या मानवी मुल्यांच्या विचार होतो.	 डॉ. बी. एत. ठाकरे
B.A. T.Y.B.A.	3029	Marathi S.4	-	अपेक्षित लिंगभावाची समष्टी. निर्माण होते.	-	सामाजिक भाषा - विज्ञानाद्वारे सामाजिक सत्यबोध स्पष्ट होतो. या सामाजिक सलोखा निप्रति होतो.	 डॉ. र. जे. थोकरे



IQAC CO-ORDINATOR

 LOKNETE BALASAHAB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A. NAGAR

HEAD OF DEPT. MARATHI

 LOKNETE BALASAHAB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A. NAGAR

- २ या कालखंडातील साहित्य निर्मिती मागील प्रेरणा आणि प्रवृत्ती.
- ३ या कालखंडातील निबंध, कविता, कथा, कादंबरी, नाटक, चरित्र, आत्मचरित्र या निवडक वाङ्मयप्रकारांचा स्थूल आढावा.

द्वितीय सत्र

अर्वाचीन मराठी वाङ्मयाचा इतिहास (इ.स. १९२१ ते १९६०)

एकूणतास: ४८

सत्रांत परीक्षा गुण: ६०

१) कालखंड : इ.स. १९२१ ते १९४५

तास : १२

गुण ३०

- १ या कालखंडातील सामाजिक, धार्मिक, राजकीय, सांस्कृतिक आणि वाङ्मयीन पार्श्वभूमी.
- २ या कालखंडातील साहित्यनिर्मिती मागील प्रेरणा आणि प्रवृत्ती.
- ३ या कालखंडातील निबंध, कविता, कथा, कादंबरी, नाटक, चरित्र, आत्मचरित्र, ललितगद्य इ. या निवडक वाङ्मयप्रकारांचा स्थूल आढावा.

२) कालखंड : इ.स. १९४६ ते १९६०

तास : १२

गुण ३०

- १ या कालखंडातील सामाजिक, धार्मिक, राजकीय, सांस्कृतिक आणि वाङ्मयीन पार्श्वभूमी.
- २ या कालखंडातील साहित्य निर्मिती मागील प्रेरणा आणि प्रवृत्ती.
- ३ या कालखंडातील निबंध, कविता, कथा, कादंबरी, नाटक, चरित्र, आत्मचरित्र, ललितगद्य इ. या निवडक वाङ्मयप्रकारांचा स्थूल आढावा.

संदर्भ ग्रंथ

- १ मराठी वाङ्मयाचा इतिहास खंड ४, ५, ६, म.सा.प. पुणे.
- २ अर्वाचीन मराठी गद्याची पूर्वपीठिका- गं.बा. सरदार
- ३ महाराष्ट्र जीवन खंड १ व खंड २ गं. बा. सरदार

University Of Pune, S. Y. B. A. Marathi Syllabus (From 2014)

19



HEAD OF DEPT. MARATHI
LOKNETE BALASAHB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DIST.
TAL. SANGAMNER DIST. A. NAGAR

घटक क - निबंधसंग्रह

गुण - ३०
तासिका - २४

'विचारधारा' - संपा- डॉ. स्नेहल तावरे
डॉ. भास्कर शेळके

तृतीय वर्ष कला (T.Y.B.A)

मराठी (सामान्यस्तर पेपर - ३)

द्वितीय सत्र

एकूण तासिका- ४८

घटक अ - प्रवासवर्णन : तात्त्विक विवेचन

गुण - १५
तासिका - १२

- प्रवासवर्णन या साहित्यप्रकाराचे स्वरूप व व्याख्या
- इतर साहित्यप्रकारांच्या तुलनेत प्रवासवर्णनाचे वेगळेपण
- प्रवासवर्णन या साहित्य प्रकारामागील प्रेरणा व प्रयोजने

घटक ब - प्रवासवर्णन साहित्यप्रकाराची वैशिष्ट्ये, व्याप्ती आणि वाटचाल

गुण - १५
तासिका - १२

घटक क - प्रवासवर्णनसंग्रह

गुण - ३०
तासिका - २४

'दिशविदेश' - संपा- डॉ. स्नेहल तावरे
डॉ. अशोक शिंदे
डॉ. अरुण कोळेकर



[Signature]
HEAD OF DEPT. MARATHI
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIC,
TAL. SANGAMNER DIST. ANAGAR

२) शैशववृत्ती ३) अनुभव समृद्धी ४) विद्वत्ता ५) लेखकाचा जीवनविषयक दृष्टिकोण. ६) लेखकाचा साहित्यविषयक दृष्टिकोण.

४. साहित्याची भाषा:-

- १) व्यवहारभाषा, शास्त्रीय साहित्याची भाषा व साहित्याची भाषा यांच्यातील भेद.
- २) शब्दार्थाचा वकव्यापार
- ३) भाषेचे नादरूप
- ४) अलंकार
- ५) रूपक
- ६) प्रतिमा
- ७) प्रतीक
- ८) प्राक्कथा
- ९) शैली विचार - १) लेखक तशी शैली २) आशय तशी शैली ३) साहित्यप्रकार तशी शैली.

द्वितीय सत्र

एकूण तासिका- ४८

५. साहित्याचा आस्वाद:-

- १) आस्वाद मःणजे काय ?
- २) आस्वाद प्रक्रिया
- ३) आस्वादकाला आवश्यक असणारे गुण
- ४) आस्वादातील अडथळे

६. साहित्याची सामाजिकता:-

- १) साहित्य आणि समाज यांचे परस्परसंबंध.
- २) लेखकाची सामाजिकता



Handwritten signature

- ३) भाषेची सामाजिकता
- ४) कलात्मक अनुभवातील सामाजिकता
- ५) वाचकाची सामाजिकता
- ६) साहित्यातील सामाजिकतेला वैश्विक रूप प्राप्त होते काय?
- ७) बांधीलकीची संकल्पना व साहित्यिकाची बांधीलकी.

७. साहित्यिक अभिरुची

- १) अभिरुची म्हणजे काय?
- २) अभिरुची आणि सौंदर्यदृष्टी.
- ३) अभिरुची आणि औचित्य.
- ४) अभिरुची भिन्नतेची कारणे.
- ५) अभिरुची नियत करणारे घटक — सांस्कृतिक पर्यावरण, आर्थिक पर्यावरण, वाङ्मयीन पर्यावरण.

८. साहित्यप्रकाराची संकल्पना:—

- १) साहित्याच्या वर्गीकरणाची शक्याशक्यता
- २) साहित्याच्या वर्गीकरणाची आवश्यकता
- ३) साहित्याच्या वर्गीकरणाची तत्वे— माध्यमभिन्नता, प्रस्तुतीकरणाची पद्धती, प्रस्तुतीकर्त्याचा दृष्टिकोण व प्रस्तुतीकरणाचा काळ
- ४) साहित्याचे ठळक प्रकार — कथा, कादंबरी, काव्य, नाटक.

संदर्भ साहित्य

- १) साहित्यविचार — डॉ. अ. वा कुलकर्णी
- २) साहित्यविचार (संपा.) डॉ. द.दि.पुंडे, डॉ.स्नेहल तावरे
- ३) काव्यशास्त्र प्रदीप — डॉ. स.रा.गाडगीळ
- ४) वाङ्मयीन शैली आणि तंत्र — म.द.हातकणंगलेकर.
- ५) साहित्यविचार — भालचंद्र खांडेकर



द्वितीय सत्र

एकूण तासिका- ४८

५. वाक्यविचार - वाक्यविन्यास संकल्पना आणि मराठीतील वाक्यविन्यास व्यवस्था, वाक्याचे घटक
६. अर्थविचार - अर्थविन्यास व मराठीतील त्याचे स्वरूप, अर्थ ही संकल्पना, अर्थाचे विविध प्रकार
७. ऐतिहासिक भाषाभ्यासपध्दती - सर विल्यम जोन्स यांचा सिद्धांत - ऐतिहासिक भाषाविज्ञानाचे स्वरूप - कार्य, भाषाकुलाची संकल्पना - भाषांचे वर्गीकरण - जगातील प्रमुख भाषाकुले - इंडो युरोपियन भाषाकुल - आर्य भाषाकुल व मराठी भाषा - होर्नेल यांचा अंतर् बहिर् वर्तुळ सिद्धांत.
८. मराठी भाषेची उत्पत्ती :- मराठी भाषेची उत्पत्ती व त्यासंबंधीची साधने - मराठी भाषेच्या उत्पत्ती संबंधी विविध सिद्धांत - वैद्य-गुणे वाद, मराठीचे कालिक भेद



Signature

द्वितीय सत्र

एकूण तासिका- ४८

५. वाक्यविचार - वाक्यविन्यास संकल्पना आणि मराठीतील वाक्यविन्यास व्यवस्था, वाक्याचे घटक
६. अर्थविचार - अर्थविन्यास व मराठीतील त्याचे स्वरूप, अर्थ ही संकल्पना, अर्थाचे विविध प्रकार
७. ऐतिहासिक भाषाभ्यासपध्दती - सर विल्यम जोन्स यांचा सिद्धांत - ऐतिहासिक भाषाविज्ञानाचे स्वरूप - कार्य, भाषाकुलाची संकल्पना - भाषांचे वर्गीकरण - जगातील प्रमुख भाषाकुले - इंडो युरोपियन भाषाकुल - आर्य भाषाकुल व मराठी भाषा - होर्नलॅ यांचा अंतर् बहिर् वर्तुळ सिद्धांत.
८. मराठी भाषेची उत्पत्ती :- मराठी भाषेची उत्पत्ती व त्यासंबंधीची साधने - मराठी भाषेच्या उत्पत्ती संबंधी विविध सिद्धांत - वैद्य-गुणे वाद, मराठीचे कालिक भेद



HEAD OF DEPT. MARATHI
LOKNETE DALASANEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DIST.
TAL. SANGHNER DIST. ALNAGAR

३. पाठ्यपुस्तक

तास : २४

गुण ३०

जीवनवेध

संपादक : प्रा. डॉ. स्नेहल तावरे

प्रा. डॉ. शिरीष लांडगे

द्वितीय सत्र

एकूणतास : ४८

गुण : ६०

१) व्यावहारिक मराठी

तास : १२

गुण १५

१ सारांश लेखन

५

२ पारिभाषिक संज्ञा

१०

२) 'आत्मचरित्र' या साहित्यप्रकाराची तात्त्विक मीमांसा

गुण १५

तास : १२

१ आत्मचरित्र : संकल्पना

२ आत्मचरित्र व आत्मकथन : साम्य-भेद

३ आत्मचरित्र : साहित्यप्रकाराची वाटचाल

३) पाठ्यपुस्तक

तास : २४

गुण ३०

माझी जडणघडण

संपादक : प्रा. डॉ. स्नेहल तावरे

प्राचार्य डॉ. उज्ज्वला देवरे

University Of Pune, S. Y. B. A. Marathi Syllabus (From 2014)

3



(Handwritten signature)

द्वितीय वर्ष कला (S. Y. B. A.)

पहिले सत्र

विषयाचे नाव

आधुनिक मराठी साहित्य : प्रकाशवाटा [DSE 1 A (3)]

अभ्यासक्रमाची उद्दिष्टे :

१. आत्मचरित्र या साहित्यप्रकाराचे स्वरूप, संकल्पना समजावून घेणे.
२. आत्मचरित्र या साहित्यप्रकाराच्या प्रेरणा आणि वाटचाल यांची ओळख करून घेणे.
३. ललित गद्यातील अन्य साहित्यप्रकारांच्या तुलनेत आत्मचरित्राचे वेगळेपण समजावून घेणे.
४. नेमलेल्या या आत्मचरित्राचे आकलन, आस्वाद आणि विश्लेषण करणे.

घटक	तपशील	श्रेयांक	तासिका
१	आत्मचरित्र : संकल्पना, स्वरूप; प्रेरणा आणि वाटचाल ललित गद्यातील अन्य साहित्यप्रकारांच्या तुलनेत आत्मचरित्राचे वेगळेपण	१	१५
२	अभ्यासपुस्तक प्रकाशवाटा - डॉ. प्रकाश आमटे समकालीन प्रकाशन, पुणे	२	३०

संदर्भ ग्रंथ:

१. चरित्र - आत्मचरित्र, अ. म. जोशी
२. चरित्र - आत्मचरित्र, सदा कन्हाडे
३. आत्मचरित्र मीमांसा, आनंद यादव
४. मराठीतील आत्मचरित्रपर लेखन, ऊषा हस्तक
५. मराठी न्याय्य कोश, खंड ४, संपादक, विजया राजाध्यक्ष
६. आत्मचरित्र, मराठी विश्वकोश, खंड २
७. २० व्या शतकातील मराठी आत्मचरित्र, उषा हस्तक



(Handwritten signature)

द्वितीय वर्ष कला (S. V. B. A.)

नियमित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव

भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : कादंबरी [CC-1 C(3)]

अभ्यासक्रमाची उद्दिष्टे :

१. कादंबरी या साहित्यप्रकाराचे स्वरूप, घटक, प्रकार आणि वाटचाल समजून घेणे.
२. नेमलेल्या कादंबरीचे आकलन, आस्वाद आणि विश्लेषण करणे.
३. भाषिक कौशल्यविकास करणे.

घटक		तपशील	श्रेयांक	तासिका
१	अ	१ संगणक आणि मोबाईलवर युनिकोडमधून मराठी मुद्रण. २ कळफलक प्रकार : इनस्क्रिप्ट, फोनेटिक ३ मराठी टंकलेखन आणि युनिकोडचा वापर : गुगल इनपुट, मायक्रोसॉफ्ट इनपुट व इतर साधने	१	१५
	ब	१ कादंबरी : स्वरूप आणि घटक २ कादंबरी : प्रकार आणि वाटचाल		
२		अभ्यासपुस्तक रारंग ढांग - प्रभाकर पेंढारकर मौज प्रकाशन गृह, मुंबई	२	३०

संदर्भ ग्रंथ :

१. साहित्य अध्यापन आणि प्रकार, संपादक श्री. पु. भागवत आणि इतर.
२. आधुनिक मराठी वाङ्मयाचा इतिहास, खंड ४, ५, ६, संपादक रा. श्री. जोग.
३. आधुनिक मराठी वाङ्मयाचा इतिहास, अ. ना. देशपांडे
४. मराठी कादंबरी : समाजशास्त्रीय समीक्षा, डॉ. रवींद्र ठाकूर
५. मराठी कादंबरीतील प्रादेशिकता, डॉ. भास्कर शेळके
६. मराठी ग्रामीण कादंबरी, डॉ. रवींद्र ठाकूर
७. मराठी कादंबरीचे पहिले शतक, कुसुमावती देशपांडे
८. कादंबरी आणि मराठी कादंबरी, उषा हस्तक
९. मराठी कादंबरी आस्वादयात्रा, संपादक विजया राजाध्यक्ष
१०. मराठी कादंबरी : तंत्र आणि विकास, प्रा. वा. बापट, ना. वा. गोडबोले
११. मराठी प्रादेशिक कादंबरी : तंत्र आणि स्वरूप, डॉ. मदन कुलकर्णी
१२. मराठी कादंबरी : चिंतन आणि समीक्षा, डॉ. चंद्रकांत बांदिबडेकर
१३. कादंबरी : सार आणि विस्तार, डॉ. महेंद्र कदम

मराठी विषयाचा पुनर्रचित अभ्यासक्रम, जून २०२० पासून

Page 2



(Handwritten signature)

Department of Zoology

Cross Cutting Issue-2019 Pattern

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
B.Sc. F.Y.B.Sc. (CBCS 2019) (Sem-I)		Zoology Animal Diversity-I	3 Population 3.1 Characteristic of population: Density, Natality, Mortality, Fecundity tables, survivorship curves, age ratio, sex ratio , dispersal and dispersion.	—	1.Principles of Classification: Taxonomy & Systematics 2. General Features of kingdom Animalia 2.1 General characters of Kingdom Animalia,	—	Bhadange S.B
B.Sc. F.Y.B.Sc. (CBCS 2019) (Sem-I)		Zoology Animal Ecology	—	—	1.Introduction to Ecology 1.1 Concepts of Ecology, Environment, Population, Community, Ecosystem, Biosphere,	—	Bhadange S.B
B.Sc. F.Y.B.Sc. (CBCS 2019) (Sem-II)		Zoology Animal Diversity -II	—	—	1.4 Economic importance of class Nematoda. 2.4 Economic importance of Annelida with reference to earthworms as friends of farmers and in their role in vermicomposting.	—	Bhadange S.B



B.Sc. S.Y.B.Sc. (CBCS 2019) (Sem-I)	Zoology Applied Zoology -I	-	-	1) Sericulture: 1.1 An introduction to Sericulture, Study of different types of silk moths 2) Agricultural Pests and their control: 2.1 An introduction to Agricultural Pests, types of pests (agricultural, store grain, veterinary).	Bhadange S.B	Bhadange
B.Sc. S.Y.B.Sc. (CBCS 2019) (Sem-II)	Zoology Applied Zoology -II	-	-	1. Apiculture: 1.1 An introduction to Apiculture, Systematic position, Study of habit, habitat and nesting behaviour of Apis dorsata, Apis indica, Apis florea and Apismellifera 2. Fisheries : 2.2 An introduction to fisheries and its types (in brief) : Freshwater fisheries, Marine fisheries, Brackish water fisheries.	Bhadange S.B	Bhadange

Akher

IQAC CO-ORDINATOR
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR



Pravara

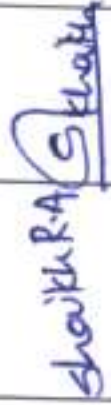


PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

Bhadange SB
HEAD OF DEPT. ZOOLOGY
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

Department of Zoology

Cross Cutting Issue-2013Pattern

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
B.Sc. F.Y.B.Sc. (Sem-I)	-	Zoology Animal systematics and Diversity-I	-	-	4.8 Economic importance of earthworm	-	Shaikh R.A. 
B.Sc. F.Y.B.Sc. (Sem-I)	-	Zoology Genetics	5.3 Types of chromosome (autosomes and sex chromosome) 6. Sex-determination: 5 6.1 Introduction 6.2 Chromosomal theory of sex determination (XX-XY, ZZ-ZW, XX- XO and Haploid-Diploid method) 6.3 Parthenogenesis and Gynandromorphism	-	-	-	Shaikh R.A. 
B.Sc. F.Y.B.Sc. (Sem-II)	-	Zoology Animal Systematics and Diversity - II	3.7 Reproductive systems of frog (male & female)	-	-	-	Shaikh R.A. 



B.Sc. S.Y.B.Sc. (Sem-I)	Zoology Applied Zoology -I	—	—	1.Fisheries : 1.1 An introduction to fisheries and its types (in brief) : Freshwater fisheries, Marine fisheries, Brackish water fisheries. 2. Agricultural Pests and their control : 2.1 An introduction to Pest, types of pests (agricultural, household, stored grain, structural, veterinary, forestry and nursery)	—	Shaikh R.A G Shaikh
B.Sc. S.Y.B.Sc. (Sem-II)	Zoology Applied Zoology -II	—	—	1. Apiculture : 1.1 An introduction to Apiculture, Study of habit, habitat and nesting behavior of Apis dorsata, Apis indica, Apis florea and Apis mellifera. 2. Sericulture : 2.1 An introduction to sericulture, Study of different types of silk moths, their distribution and varieties of silk produced by Mulberry, Tassar, Eri and Muga silk worms in India.	—	Shaikh R.A G Shaikh



IQAC CO-ORDINATOR
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

HEAD OF DEPT. ZOOLOGY
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
BSC T.Y.B. Sc (CBCS 2013)		CHEMISTRY <i>(Environmental chemistry)</i>			1. Concepts and scope of Environmental Chemistry 2. Atmosphere and Air Pollution 3. Hydrosphere and water pollution 4. Introduction to Green Chemistry 5. Green Chemistry & Technology for sustainable development	—	<i>wide.</i>
BSC T.Y.B.Sc (CBCS 2019)		CHEMISTRY			1. Concept and Scope of Environmental chemistry 2. Hydrosphere & water pollution 3. Analytical techniques in water Analysis 4. Water pollution & Treatment method	—	<i>wide</i> <i>wide</i> <i>wide</i>

ZNI
HEAD OF DEPT. CHEMISTRY
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

Akher
IQAC CO-ORDINATOR
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

Honar
PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

CH-511A Environmental Chemistry

Course Code- 351311A

No of credits -: 02

Unit no	Unit Title	Contents
1	Concepts and Scope of Environmental Chemistry	Introduction, Environmental Pollution and Classification, Units of concentration, Segments of Environment, Biogeochemical cycles of C, N, P, S and O system
2	Hydrosphere and Water Pollution	Water resources, Hydrological Cycle: stages of hydrological cycle and chemical composition of water bodies, Microbially mediated aquatic reactions, Classification of water pollutants Organic and Inorganic pollutants, Sewage and Domestic waste, Sediments, Detergents, Pesticides, Eutrophication, Sampling and monitoring water quality parameters: pH, D.O. (Winkler Method), COD, TOC, Total hardness, free chlorine.
3	Analytical Techniques in water Analysis	Water quality parameters and standards, domestic water quality parameters, surface water, sampling, preservation, Monitoring techniques and methodology (pH, conductance, DO, ammonia, nitrate and nitrite, Cl, F, CN, Sulfide, sulphate, phosphate, total hardness, boron, metals and metalloids- As, Cd Cr, Cu, Fe, Pb, Mn, Hg (Exclude polarographic and AAS methods), COD, BOD, TOC, phenols, pesticides, surfactants, tannis and lignins, E. Coli, Case studies of water pollution.
4	Water pollution and treatment methods	Water pollutants, Eutrophication, Waste water treatment (domestic waste water, aerobic treatment, anaerobic treatment, upflow aerobic sludge bed, industrial waste water treatment, drinking water supplies, Trace elements in water, chemical speciation (Cu, Pb, Hg, As, Se, Cr)

Ashu
IQAC CO-ORDINATOR
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR



V. D. D. E.
PRINCIPAL
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR

CH-336D Environment & Green Chemistry SEM-III (2019 pattern)

Unit no	Unit Title	Contents
1	Concepts and scope of Environmental Chemistry	1.1 Introduction 1.2 Terminologies 1.3 Units of concentration 1.4 Segments of Environment
2	Atmosphere and Air Pollution	2.1 Composition and structure of atmosphere 2.2 Chemical and photochemical reactions in atmosphere 2.3 Chemistry of O ₃ , SO _x , NO _x and chlorides in atmosphere 2.4 Primary air pollutants 2.5 Sampling of air 2.6 Particulate matter: inorganic and organic 2.7 Smog: reducing and photochemical 2.8 Mechanism of ozone depletion 2.9 Stability and reactions of CFCs 2.10 Harmful effects of CFCs 2.11 CFCs substitutes 2.12 Bhopal gas tragedy
3	Hydrosphere and water pollution	3.1 Water resources 3.2 Physical chemistry of sea water: composition, equilibria, pH, pE 3.3 Microbially mediated aquatic reactions, nitrogen cycle, iron and manganese bacteria 3.4 Classification of water pollutants 3.5 Organic and Inorganic pollutants: Pesticides, Detergents, Eutrophication, Marine, Oil, Acid mine drainage, remedial measures and sediments 3.6 Thermal pollution 3.7 Sampling and monitoring water quality parameters: pH, D.O. (Winkler Method), COD, TOC, Total hardness, free chlorine.
4	Introduction to Green Chemistry (Addressing cross cutting issue. Environment & Sustainability)	4.1 Chemistry is good 4.2 The environment and the five environmental spheres 4.3 What is environmental Chemistry? 4.4 Environmental Pollution 4.5 What is green Chemistry? 4.6 Green Chemistry and synthetic chemistry 4.7 Reduction of risk: Hazard and exposure 4.8 The risk and no risks 4.9 Waste prevention 4.10 Basic principles of green chemistry 4.11 Examples based on green technology
5	Green Chemistry and Technology for sustainable development	5.1 Green Chemistry from theory to practice 5.2 The twelve principles of green chemistry 5.3 Green Chemistry and sustainable Development 5.4 Designing Products under the holistic approach "Cardle-to Cardle" 5.5 Scientific areas for practical applications of green chemistry 5.6 Use of alternative basic chemicals as feedstocs in chemical industry and research 5.7 Green Chemistry and Reduction of solvent Toxicity (Alternative Solvents or replacement) 5.8 Applications of New Methodologies in the synthesis of chemical compounds- catalysis and green chemistry.

Asker
IQAC CO-ORDINATOR
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR



V. D. D. D.
PRINCIPAL
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR

CH-346D Environmental & Green Chemistry SEM-IV (2013 Pattern)

Unit no	Unit Title	Contents
1	Water treatment and effluent management	1.1 Domestic sewage, waste water treatment: primary, secondary and tertiary treatments, aerobic, anaerobic and upflow anaerobic sludge bed treatment processes 1.2 Industrial waste water treatment i) filtration method ii) ion-exchange method iii) membrane techniques: ultrafiltration, reverse osmosis and electrodialysis 1.3 Treatment of drinking water
2	Soil and solid waste management	2.1 Composition of soil and types of soil. 2.2 Organic and inorganic components of soil 2.3 Acid base and ion exchange reactions in soil and pH of soil 2.4 Chemistry of disposal of solid waste i) sanitary landfills ii) incinerators iii) pyrolysis
3	Instrumental methods in environmental analysis <i>Addressing Cross-cutting Environment & Sustainability Issue</i>	3.1 Atomic absorption spectroscopy: determination of Hg, As, Zn, Ag, Pb, Mn, Fe, Cu, Cr, Cd 3.2 Gas chromatography: detection and determination of CO, HC and pesticides 3.3 HPLC: determination of pesticides, PAH as metabolites 3.4 Spectrophotometry: determination of NO _x , SO ₂ , NH ₃ , CN, PO ₄ , Cd, Pb, Hg 3.5 Chemiluminescence: determination of NO _x and O ₃ . 3.6 Non Dispersive IR spectrometry of determination of CO 3.7 Ion selective electrodes: determination of NO ₃ and dissolved oxygen (D. O.)
4	Green House Effect and Global Warming	4.1 Introduction 4.2 Greenhouse gases 4.3 Radiative forcing 4.4 Sources and sinks of CO ₂ 4.5 Causes of fluctuations in global temperature 4.6 Global warming and climate changes 4.7 Implications of climate change
5	Water the ultimate Green solvent	5.1 H ₂ O : Simple formula and complex molecule 5.2 Important properties of water 5.3 The hydrologic cycle 5.4 Bodies of water and life in water 5.5 Chemical process in water 5.6 Fizzy water from underground 5.7 Oxygen in water 5.8 Weak acid from sky 5.9 Why natural water contains alkalinity and calcium 5.10 Metals in water 5.11 Water interactions with other phases
6	Energy Relations :	6.1 Energy 6.2 Radiant Energy from the sun 6.3 Storage and release of energy by chemicals 6.4 Energy sources 6.5 Conversions between forms of energy 6.6 Green engineering and energy conversion efficiency 6.7 Conversion of chemical energy 6.8 Renewable energy sources

Asher
IQAC CO-ORDINATOR
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR



Praveer
PRINCIPAL
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Department of English

C 2013 pattern

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
BA(FYBA 2013)	1017	Compulsory English	1)Karma	1) Karma 2)Prospects of Democracy			
F.Y.B.A.	1337	Optional English	1)Marriage is a Private Affair	1) A Lesson My Father Taught Me 2) The Swan Song			
FYBCOM	1113	Compulsory English	A Devoted Son		1)Water: The Elixir for life,	1) The Power Of Prayer 2)The Harp of India 3) A Talk on Advertisement	
S.Y.B.A.	2017	Compulsory English	1)Kalpana Chawala , 2)Another Woman	1)Playing the English Gentleman 2) A Letter by Hazlitt to his Son.	1)The Solitary Reaper		

HEAD OF DEPT. ENGLISH
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A.NAGAR

IQAC CO-ORDINATOR
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A.NAGAR



PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A.NAGAR

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Department of English

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singnature
F.Y.B.Com (2019 Pattern)	111 & 121	Compulsory English	<ul style="list-style-type: none"> Indra Nooyi - Nooyi Appro JRD - Sudha murthi 	<ul style="list-style-type: none"> o Captaining my Captain - west whitman 	<ul style="list-style-type: none"> o The Prayer for my Daughter - w.B Yeats 	<ul style="list-style-type: none"> Non-verbal Communication 	<ul style="list-style-type: none"> J.Hase F.Y.B.Com
F.Y.B.A. Optional Ho English. (2013-14 Pattern)		Optional English	<ul style="list-style-type: none"> Marriage is a Private Affair - Chinua Achebe 	<ul style="list-style-type: none"> o characteristic of Human language 	<ul style="list-style-type: none"> o The Sun Rising - John Donne 		<ul style="list-style-type: none"> J.Hase F.Y.B.A.



F. Y. B. Com Compulsory English

(w. e. f. 2019-2020)

(Choice Based Credit System)

70:30-Pattern

(70-Semester-End Exam & 30-Internal Evaluation)

Prescribed Text: Success Avenue (Board of Editors- Orient Blackswan)

Objectives:

- To offer relevant and practically helpful pieces of prose and poetry to students so that they not only get to know the beauty and communicative power of English but also its practical application
- To expose students to a variety of topics that dominate the contemporary socio-economic and cultural life
- To develop oral and written communication skills of the students so that their employability enhances
- To develop overall linguistic competence and communicative skills of students

Semester- I

Prose

Unit-I- The Beggar- Anton Chekhov

(Human values)

Unit-II- Black Money and the Black Economy- C. Rammanohar Reddy

(professional Ethics)

Unit-III- The Nightingale and the Rose- Oscar Wilde

Unit-IV- Muhammad Yunus: An Economics for Peace- Farida Khan

(Human value)

Poetry

Unit-V- Up-Hill- Christina Rossetti

Unit-VI- Stay Calm- Grenville Kleiser

Communication and Life Skills

(Human values)

Unit-VII- Meeting and Greeting People and Dialogue Writing

Unit-VIII- Group Discussions, Interview and Interviewing Skills

Unit-IX- Presentation Skills



Semester- II

Prose

Unit-I - Indra Nooyi: A Corporate Giant- Indra Krishnamurthy Nooyi

Unit-II - Appro JRD- Sudha Murthy

(Gender), Human
(Values)

Unit-III - Fur- Saki

Unit-IV - After Twenty Years- O' Henry

Poetry

Unit-V - O Captain! My Captain- Walt Whitman

Unit-VI - The Prayer for My Daughter- W. B. Yeats

(Human Value)

Communication and Life Skills

Unit-VII - Letter Writing, Report Writing and Blog Writing

Unit-VIII - Resume Writing and E-Mails

Unit-IX - Non-Verbal Communication

As indicated in the CBCS (Choice Based Credit System) Restructured Programme of Savitribai Phule Pune University at undergraduate level to be introduced from the academic year 2019-20, this subject (Compulsory English), like other subjects under B. Com. Degree Course, shall have 70+30 pattern. There will be written examination of 70 marks of 3 hrs duration for this subject at the end of each semester. The class work (internal evaluation) shall carry 30 marks. Each semester shall have 3 credits for teaching. Each credit is equal to 15 hours so this course shall have 45 teaching hours. In addition to that there shall be three hours allotted to internal evaluation. Changes as per the university guidelines shall be communicated from time to time.



F. Y. B. A Compulsory English
(w. e. f. 2019-2020)
(Choice Based Credit System)
70:30-Pattern
(70-Semester-End Exam & 30-Internal Evaluation)

Prescribed Text: *Literary Gleam: An Anthology of Prose and Poetry* (Board of Editors- Orient BlackSwan)

Objectives:

- a) To expose students to the best examples of prose and poetry in English so that they realize the beauty and communicative power of English
- b) To instill human values and develop the character of students as responsible citizens of the world
- c) To develop the ability to appreciate ideas and think critically
- d) To enhance employability of the students by developing their linguistic competence and communicative skills
- e) To revise and reinforce structures already learnt in the previous stages of learning.

Semester-I

Prose:

1. Engine Trouble — R. K. Narayan
2. On Saying 'Please' — A. G. Gardiner
3. The Gift of the Magi — O. Henry

Poetry:

1. A Red, Red Rose — Robert Burns
2. Leave this Chanting and Singing — Rabindranath Tagore
3. The Felling of a Banyan Tree — Dilip Chitre

Grammar:

1. Articles
2. Prepositions
3. Verbs
Regular and Irregular Verbs
Auxiliary Verbs: Primary and Modal
4. Punctuation

(Human value,
and Environmental
sustainability)

Communication Skills:

1. Greeting and Taking Leave



2. Introducing Yourself
3. Introducing People to One Another
4. Making Requests and Asking for Directions
5. Making and Accepting Apology

Semester- II

Prose:

1. In Sahyadri Hills, A Lesson in Humility — Sudha Murthy
2. The Model Millionaire — Oscar Wilde
3. The Eyes are not Here — Ruskin Bond

(Human Value.
Gender).

Poetry:

1. My Heart Leaps Up — William Wordsworth
2. Ozymandias — P. B. Shelley
3. Success is Counted Sweetest — Emily Dickinson

Grammar:

1. Tenses
2. Subject-Verb Agreement
3. Vocabulary

Communication Skills

1. Inviting and Accepting/Declining Invitations
2. Making a Complaint
3. Congratulating, Expressing Sympathy and Offering Condolences
4. Making Suggestions, Offering Advice and Persuading

- Each semester shall have 3 credits for teaching. Each credit is equal to 15 hours, so this course shall have 45 teaching hours. In addition to that there shall be three hours allotted to internal evaluation. Changes as per the university guidelines shall be communicated from time to time.



Poetry:

1. Sonnet 29: 'When in disgrace with Fortune and men's eyes' - William Shakespeare
2. The World is too much with Us - William Wordsworth
3. The Listeners - Walter de la Mare
4. No Men are Foreign - James Kirkup

Language Studies:

Introduction to the Sounds of English: Part - I

(Discrepancy between English Spelling and Pronunciation, Phonetic Symbols and Transcription, The Concept of Phoneme and Minimal Pairs.)

Semester - II

Short Stories:

1. The Doll's House - Katherine Mansfield
2. The Thief - Ruskin Bond

Poetry:

1. I remember, I remember - Thomas Hood
2. Where the Mind is without Fear - Rabindranath Tagore
3. The Mountain and the Squirrel - R. W. Emerson
4. Up - Hill - Christina Rossetti

One Act Plays:

1. The Monkey's Paw - W.W. Jacobs
2. Swansong - Anton Chekhov

Language Studies:

Introduction to the Sounds of English: Part - II

(The Concept of Syllable, Monosyllabic and polysyllabic Words, The Concept of Word Stress and Different Standards of Pronunciation i.e. British Received Pronunciation, General American English and General Indian English.)






1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Department of English

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singnature
S.Y.B.A.	23001	Compulsory English	• The Palanquin Beares - Sarojini Mohan • Pied Beauty - G.M. Hopkins	• Soft skills • Leadership Skills • Teamwork skills * Prose - The Chicago story - Swami Vivekananda	A simple philosophy - seathi	• Soft skills • Leadership skills • Teamwork skills	S. Hase S.Y.B.A.
T.Y.B.A.	35001	Compulsory English		The Phantom Lurkham - Saki		• Soft skills • Body Language Non-verbal communication • Tips for Effective Communication • Telephone skills • Teleconferencing	S. Hase T.Y.B.A.
T.Y.B.A.	36001	Compulsory English	• Shakespear sister - Virginia woolf Year - O. Henry	• After Twenty Year - O. Henry • Money madness - D.H. Lawrence		• Soft skills and Employability skills • Stress management • Motivations • Positive Approach • Goal setting • Adaptability skills	S. Hase T.Y.B.A.



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
T.Y.B.A.	35333	Skill Enhancement course (SEC) (G3)				<ul style="list-style-type: none"> Exploring Careers creative writing Translation Journalism English for Academic and other Careers 	 T.Y.B.A.
T.Y.B.A.	35333	Skill Enhancement Course (SEC) (G3)				<ul style="list-style-type: none"> Basic Preparation for Jobs English for Employability skills English for the Corporate field field 	 T.Y.B.A.
T.Y.B.A.	36333	Skill Enhancement Course (SEC) (G3)				<ul style="list-style-type: none"> Content writing English for Advertising 	 T.Y.B.A.



S. Y. B. A.

Compulsory English (Core Course-CC)

(Choice Based Credit System-70:30-Pattern)

(w. e. f- 2020-2021)

(03 Credit Course)

Preamble:

The course aims at contributing to the overall personality development of the students. They have to be good human beings before anything else. This laudable aim involves instilling essential human values like tolerance, understanding, sympathy, respecting the differences, living in harmony with nature, protecting the environment etc. In our prose and poetry selections we have kept these considerations in mind. We offer an adequate mix of British, American, Indian and other writers and poets because we want our students to be responsive to an era of globalization but at the same time they have to be rooted in Indian culture and ethos.

Our students have to develop into responsible citizens of the world. They have to become confident and face the challenges of life successfully. Effective use of language is necessary for success in all walks of life. Hence we have focused on enhancing the linguistic skills of the students by concentrating on essential aspects of grammar and enrichment of vocabulary. Apart from the professional and technical qualifications of the employees, the present day employers generally look for certain soft skills which relate to some positive personality traits, attitudes and social skills. Hence the course includes units on some essential soft skills. The course is thus a value oriented and a skill-based course.

Objectives:

- a) To expose students to the best examples of literature in English and to contribute to their emotional quotient as well as independent thinking
 - b) To instill universal human values through best pieces of literature in English
 - c) To develop effective communication skills by developing ability to use right words in the right context.
 - d) To enhance employability of the students by developing their basic soft skills
 - e) To revise and reinforce the learning of some important areas of grammar for better linguistic competence
- Each semester shall have 3 credits for teaching. Each credit is equal to 15 hours, so this course shall have 45 teaching hours. In addition to that there shall be 03 hours allotted to internal evaluation. $(3 \times 15 = 45 + 3 = 48)$. It is applicable to all other papers/courses.
 - **Considering** the choice-based credit system (CBCS) and the semester pattern, both Semesters-III & IV will have a uniform evaluation pattern of 100 marks each. There will be an 'Internal Examination' for 30 marks and 'Semester end Examination' for 70 marks.
 - **The Internal Examination** for 30 marks will be conducted at college level.
Assignment/group discussion/tutorial/seminar/oral/project for 10 marks
A Mid-semester Written Test for 20 marks



Semester-III

Prescribed Text: *Panorama: Values and Skills through Literature* (Board of Editors- Orient BlackSwan)

Unit-I- Prose

1. A Simple Philosophy- Seathl -Evs
2. The Homecoming- Rabindranath Tagore
3. The Verger- Somerset Maugham

Unit-II- Poetry

1. The Palanquin Bearers- Sarojini Naidu Gender
2. On the Grasshopper and the Cricket- John Keats
3. Pied Beauty- George Manley Hopkins Gender

Unit-III- Grammar

1. The Passive Voice
2. Direct and Indirect Speech
3. Negative Sentences

Unit-IV- Vocabulary

1. One-word substitutes
2. Idioms
3. Suffixes and prefixes

Unit-V- Soft Skills

1. Leadership skills
2. Teamwork skills

(Human Values)
Professional Ethics)

Semester-IV

Prescribed Text: *Panorama: Values and Skills through Literature* (Board of Editors- Orient BlackSwan)

Unit-I- Prose

1. The Chicago Speech- Swami Vivekananda
2. The Lottery Ticket- Anton Chekhov
3. The Open Window- Saki (H. H. Munro)

→ (Addressing cross cutting issues- Human Value)

Unit-II- Poetry

1. On Another's Sorrow- William Blake
2. Laugh and Be Merry- John Masefield
3. The Rock and the Bubble- Louisa May Alcott



Skill Enhancement Course (SEC 1-C & SEC 1-D)

(Old G-3)
(w. e. f. 2021-2022)

**Title of the Paper: Enhancing Employability Skills
(Credit-3)**

Prescribed Text- Aspirations: English for Careers
(Board of Editors- Orient BlackSwan)

Rationale:

TYBA students are on the threshold of their career. Hence, it is necessary to orient and prepare them for different careers they can join after graduation. Considering the various career opportunities available to Arts graduates, the syllabus aims at awareness raising, competence building and skill enhancement of the learners. All the units in the book, besides offering exposure to the use of English in different careers, are radically designed to keep pace with the age of technology and to empower the learners for the present as well as the upcoming career avenues.

Course Outcomes:

After studying the paper successfully, the learners will be able:

1. To get the awareness of career opportunities available to them.
2. To identify the career opportunities suitable to them.
3. To understand the use of English in different careers.
4. To develop competence in using English for the career of their choice.
5. To enhance skills required for their placement.
6. To use English effectively in the career of their choice.
7. To exercise verbal as well as nonverbal communication effectively for their career.

(professional
Ethics)

*Each semester shall have 3 credits for teaching. Each credit is equal to 15 hours, so this course shall have 45 teaching hours. In addition to that there shall be 03 hours allotted to internal evaluation. (3x15=45+3=48).

*Considering the choice-based credit system (CBCS) and the semester pattern, both Semesters-V & VI will have a uniform evaluation pattern of 100 marks each. There will be an 'Internal Examination' for 30 marks and 'Semester-end Examination' for 70 marks.

- *The Internal Examination for 30 marks will be conducted at college level.
- a) Assignment/group discussion/tutorial/seminar/oral/project for 10 marks
 - b) A Mid-semester Written Test for 20 marks



SEMESTER-V (SEC 1-C)

Course content:

Unit-I- Exploring Careers (12 Clock Hours)

1. Creative Writing
2. Translation
3. Journalism
4. English for Academia and Other Careers

Unit-II- Basic Preparation for Jobs (11 Clock Hours)

1. Writing Job Application/Cover Letter
2. Writing Résumés
3. Group Discussions and Personal Interviews
4. Writing Notices, Agendas and Minutes

(Professional Ethics)

Unit-III- English for Employability Skills (11 Clock Hours)

1. Communication: An Introduction
2. Formal and Informal English
3. Description, Narration and Demonstration
4. Soft Skills for Employers and Employees

Unit-IV- English for the Corporate Field (11 Clock Hours)

1. English for Sales Services
2. English for Customer Services
3. Presentation Skills
4. Writing Project Proposals and Reports

(Professional Ethics)

SEMESTER-VI (SEC 1-D)

Prescribed Text- Aspirations: English for Careers (Board of Editors-

Orient Black Swan)

Unit-V- English for Competitive Examinations (12 Clock Hours)

1. Vocabulary
2. Tenses
3. Prepositions
4. Precis Writing

Unit-VI- English for Research Purposes (11 Clock Hours)

1. Research Writing
2. Writing a Research Proposal
3. Writing a Research Paper
4. Strategies for Writing Effective Research Papers



Unit-VII- Content Writing (11 Clock Hours)

1. Applications and Types of Content Writing
2. Writing Blog Posts and Online Articles
3. Writing for Websites
4. Writing for Social Media Platforms

(Professional Ethics)

Unit-VIII- English for Advertising (11 Clock Hours)

1. Writing for Advertisements
2. Writing Newspaper Advertisements
3. Writing Television and Radio Advertisements
4. Writing Internet Advertisements

SELECT BIBLIOGRAPHY

(Professional Ethics)

1. Bakshi Rakesh Anand. 2019. Let's Talk On Air: Conversations with Radio Presenters. Puffin
2. Bill Mascull. 2010. Business Vocabulary in Use: Elementary to Pre-intermediate. Cambridge University Press
3. Chaskar, Jagadale, Bhabad, Raskar, Pawar Ed. 2020. Horizons: English in Multivalent Contexts. Orient BlackSwan
4. Donald Miller. 2017. Building a Story Brand. HarperCollins
5. Donna Papacosta. 2013. The Podcast Scripting Book. Trafalgar Communications
6. Dorothea Brande. 1981. Becoming a Writer. Touchstone
7. Elizabeth Walter. 2010. Collins Easy Learning Writing. HarperCollins UK
8. Erica Williams. 2008. Presentations in English. Macmillan
9. Gupta Kounal. 2020. Content Writing Handbook. Henry Harvin
10. Haigh Rupert. 2004. Legal English. Cavendish Publishing Limited
11. Henry Emery, Andy Roberts. 2008. Aviation English. Macmillan
12. Karen Englander, James N. Corcoran. 2019. English for Research Publication Purposes. Routledge
13. Kohli Simran. 2006. The Radio Jockey Hand Book. Fusion Books
14. Leila R. Smith, Roberta Moore. 2009. English for Careers: Business, Professional, and Technical. USA. Pearson College Div.
15. Marie Drennan, Yuri Baranovsky (Author), Vlad Baranovsky. 2010. Scriptwriting for Web Series. Writing for the Digital Age. Routledge
16. Michael McCarthy Felicity O'Dell. 2004. English Phrasal Verbs in Use. Cambridge University Press
17. Michael Swan. 2001. Practical English Usage. Cornelsen & Oxford University Press
18. Paul J. Hamel. 2016. English for Better Jobs. Amazon Digital Services





Savitribai Phule Pune University
(Choice Based Credit System-70:30-Pattern)
 (w. e. f- 2021-2022)
T. Y. B. A- English

Semesters	New Nomenclature of Courses/Papers	Old Nomenclature of Courses/Papers	Credits
V	CC-Compulsory English	Compulsory English	03
VI	CC-Compulsory English	Compulsory English	03
V	SEC-1-C	G-3	03
VI	SEC-1-D	G-3	03
V	DSE-1-C	S-3	3+1=04
VI	DSE-1-D	S-3	3+1=04
V	DSL-2-C	S-4	3+1=04
VI	DSL-2-D	S-4	3+1=04
V	SEC-2-C	---	02
VI	SEC-2-D	---	02

T. Y. B. A.
Compulsory English

(CC-Core Course- 03 Credit)

Rationale:

The present course is a core course and it basically consists of two components: the literature component and the skills component. The literature component includes some of the best samples of English short stories, essays and poems written by writers of different nationalities (British, American, Indian etc.) This cultural mix is deliberate. We are living in a globalized world and our students need to have at least a cursory acquaintance with different cultures of the outside world. This is particularly important in a pluralistic society like ours. The core course is a part of the humanities. It aims at contributing to the linguistic and communicative abilities of the students. At the same time it also aims at fostering humanitarian attitude in our students and make them better human beings. Our prose and poetry selections in the literature part of the syllabus take care of these humanistic and aesthetic considerations.

The skills component of the syllabus includes language skills (i.e. grammar part and writing skills), soft skills and employability skills. All these are necessary in the contemporary world to make our students confident and enable them to face the real life challenges successfully. The core course is essentially a language course. Linguistic competence is absolutely necessary for achieving success in almost all the fields of life. Hence we have concentrated on



some important aspects of grammar. There are certain writing skills and communicative skills required in all work environments today. These have also been included in the syllabus. Some soft skills and employability skills are necessary from the viewpoint of the employer as well as the employee for his own career advancement. In fact no employee can survive without these skills in the modern day work place. We have kept all these practical considerations in mind while preparing the present syllabus. It is thus a composite course focusing on both theoretical and useful, practical skills.

Objectives:

- a) To familiarize students with some excellent pieces of prose and poetry in English so that they realize the beauty and communicative power of English.
- b) To enable students to become competent and effective users of English in real life situations
- c) To contribute to the overall personality development of the students.
- d) To instil humanitarian values and to foster sympathetic attitudes towards all.
- e) To train the students in practical writing skills required in work environment.
- f) To impart knowledge of some essential soft skills to enhance their employability.

***Each semester shall have 3 credits for teaching. Each credit is equal to 15 hours, so this course shall have 45 teaching hours. In addition to that there shall be 03 hours allotted to internal evaluation. (3x15=45+3=48).**

***Considering** the choice-based credit system (CBCS) and the semester pattern, both Semesters V & VI will have a uniform evaluation pattern of 70 marks each. There will be an 'Internal Examination' for 30 marks and 'Semester-end Examination' for 40 marks.

***The Internal Examination** for 30 marks will be conducted at college level.

- a) Assignment/group discussion/tutorial/seminar/oral/project for 10 marks
- b) A Mid-semester Written Test for 20 marks

SEMESTER-V

Prescribed Text: *Exploring New Horizons* (Ed-Board of Editors- Orient BlackSwan)

Unit-I- Prose (12 Clock Hours)

1. The Phantom Luncheon - Saki - *Human*
2. Function of Education - J. Krishnamurti
3. God sees the Truth but Waits - Leo Tolstoy

Unit-II- Poetry (12 Clock Hours)

1. The Neutral Tones - Thomas Hardy
2. Strange Meeting - Wilfred Owen
3. Have you got a brook in your little heart - Emily Dickinson

Unit-III- Grammar (08 Clock Hours)

1. Adverbs and their types (manner, place, time, frequency etc.)
2. Synthesis of sentences by using participles, infinitives, adverbials etc.)
3. Types of Sentences according to function: Declaratives, Interrogatives, Imperatives



Unit-IV- Writing (08 Clock Hours)

1. Paragraph Writing
2. Note-making and Note-taking
3. Reference Skills (Using dictionaries/thesaurus/encyclopedias/year books/table of contents/indices etc)

Unit-V- Soft Skills and Employability Skills (05 Clock Hours)

1. Body Language/Non-verbal Communication
2. Tips for Effective Communication
3. Telephone Skills
4. Teleconferences

(Professional Ethics)

SEMESTER-VI

Prescribed Text: *Exploring New Horizons* (Ed-Board of Editors-Orient BlackSwan)

Unit-I- Prose (12 Clock Hours)

1. Shakespeare's Sister - Virginia Woolf ^{Gender}
2. After Twenty Years - O. Henry ^{Human}
3. The Conjuror's Revenge - Stephen Leacock

Unit-II- Poetry (12 Clock Hours)

1. The Man of Life Upright - Thomas Campion
2. Money Madness - D.H. Lawrence ^{Human}
3. The Toys - Coventry Patmore

Unit-III- Grammar (08 Clock Hours)

1. Transforming Declarative sentences into Yes-No questions
2. Transforming Declarative sentences into Wh- questions
3. Transforming Positive Imperative sentences into Negative imperatives

Unit-IV- Writing (08 Clock Hours)

1. Email Writing
2. Using Graphs and Charts
3. Dialogue Writing

Unit-V- Soft Skills and Employability Skills (05 Clock Hours)

1. Stress Management
2. Motivation and Positive Approach
3. Goal Setting
4. Adaptability Skills

(Professional Ethics)



Skill Enhancement Course (SEC 2-C & SEC 2-D)

(w. e. f. 2021- 2022)

Title of the Paper: Mastering Life Skills and Life Values

[Two Credit Course For Each Sem- Sem-V & VI -2x15=30 Hours For Each Sem]

SEMESTER-V (SEC 2-C)

Course Content:

Life Skills

Unit-I

1. Meaning and Nature of Life Skills
2. Importance of Life Skills
3. Problem Solving and Decision-making skill

Addressing (cross-cutting Issue
Human Values)

Unit-II

4. Critical and Creative Thinking Skill
5. Interpersonal skills: Understanding and Cooperating with Others
6. Management of Stress and Emotions

SEMESTER-VI (SEC 2-D)

Life Values

Unit-I

1. Meaning and Nature of Values
2. Importance of Human Values
3. Moral Values 4. Ethical Values

(Human Value)

(professional Ethics)

Unit-II

5. Professional Values
6. Aesthetic Values
7. Psychological Values
8. Self-Awareness and Self-Management



S. Y. B. A. Compulsory English (w. e. f- 2014- 2015)

Prescribed Text: Literary Landscapes

(Ed. Board of Editors, Orient Blackswan)

Literature Components

1. Playing the English Gentleman- Mohandas Karamchand Gandhi

2. The Homecoming- Rabindranath Tagore

3. A Letter by Hazlitt to His Son- William Hazlitt

4. Freedom of the Press- Shashi Tharoor

5. A Cup of Tea- Katherine Mansfield

6. The Last Leaf- William Sydney Porter

7. Kalpana Chawla 8. My Lost Dollar- Stephen Leacock

9. The Quality of Mercy- William Shakespeare

10. The Village Schoolmaster- Oliver Goldsmith

11. The Solitary Reaper- William Wordsworth

12. O Captain! My Captain!- Walt Whitman

13. Laugh and Be Merry- John Masefield

14. Still I Rise- Maya Angelou 15. Another Woman- Imtiaz Dharker

16. My Grandmother's House- Kamala Suraiyya Das

(Human values.)

(Human values.)

(Gender Issue).

Language Components

1. Vocabulary -Introduction -Collocations: Words that go together -Phrasal verbs -Commonly confused words -One-word substitutes -Idioms

2. Grammar -The passive voice -Direct and indirect speech -Negative sentences -Question tags -Simple, compound and complex sentences

3. Written Communication -Paragraph writing -Report writing -Letter writing



F. Y. B. A Compulsory English (w. e. f. 2019-2020)
(Choice Based Credit System) 70:30-Pattern
(70-Semester-End Exam & 30-Internal Evaluation)

Semester-I

Prose:

1. Engine Trouble — R. K. Narayan
2. On Saying 'Please' — A. G. Gardiner
3. The Gift of the Magi — O. Henry

Poetry:

1. A Red, Red Rose — Robert Burns
2. Leave this Chanting and Singing — Rabindranath Tagore
3. The Felling of a Banyan Tree — Dilip Chitre

(Environment & Sustainability)

Grammar:

1. Articles 2. Prepositions 3. Verbs Regular and Irregular Verbs Auxiliary Verbs: Primary and Modal
2. 4. Punctuation

Communication Skills:

1. Greeting and Taking Leave
2. Introducing Yourself
3. Introducing People to One Another
4. Making Requests and Asking for Directions
5. Making and Accepting Apology

Semester- II

Prose:

1. In Sahyadri Hills, A Lesson in Humility — Sudha Murthy
2. The Model Millionaire — Oscar Wilde
3. The Eyes are not Here — Ruskin Bond

(Gender)

Poetry:

1. My Heart Leaps Up — William Wordsworth
2. Ozymandias — P. B. Shelley
3. Success is Counted Sweetest — Emily Dickinson

(Human value)

Grammar:

1. Tense 2. Subject-Verb Agreement 3. Vocabulary

Communication Skills

1. Inviting and Accepting/Declining Invitations
2. Making a Complaint
3. Congratulating, Expressing Sympathy and Offering Condolences 4. Making Suggestions, Offering Advice and Persuading

(Professional Ethics)



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum: **Department of Economics (2013 pattern)**

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
BA (SYBA 2013)	2157	ECONOMICS G2	-	-	-	Topic-06-New Technology in Banking-6.1 E-Banking - Need and Importance.	Asstt Prof Kale N.N <i>Kale</i>
BA (SYBA 2013)	2158	ECONOMICS S1	-	Topic-07-Welfare Economics-1 Social Welfare Function.2. Pigovian Welfare Economics,3. Thought of Amartya Sen on Welfare Economics.	-		Asstt prof. Kale N.N <i>Kale</i>
BA (SYBA 2013)	2159	ECONOMICS S2	-	Topic-04-Consumption and Investment-1.Psychological Law of Consumption			<i>Kale</i> HEAD OF DEPT. ECONOMICS LOHNETE BALASAHU THORAT ARTS, COMMERCE & SCIENCE COLLEGE TALEGOAN DIST., TAL. SANGAMNER DIST. A.NAGAR



Department of Economics

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values,

Environment and Sustainability into the Curriculum: 2019 (CBES - Pattern) Economics

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Signature
B.A Economics	35151 sem I & 36151 II	Indian Economic Development भारतीय आर्थिक विकास G3	Human Development Index, Gender Development Index, Inequality Empowerment Index.	Human Resources & Economics Development PQLI, HDI Multidimen- sional Poverty Index.	Sustainable Development (सतत विकास) Goals. SDGs Global Warming Environment.	Economic Planning Need, Objectives.	Asst prof. Kale N. N Kseh
B.Com Economics (T.Y.B.com)	353-I 363-I	Indian & Global Economics Development भारतीय आणि आर्थिक विकास	Human Development Index, Genderbase Development Index	Human Development Index, GDI, GII.	Organic Farming advantages. Contract Farming.	Agricultural Finance Marketing.	Roh
B.A Economics	24151 23151	Micro Economics I & II सूक्ष्म अर्थशास्त्र	Mrs. Robinson's modern Theory of Rent, Imperfect Market.	Welfare Economics, Amartya Sen's thought of Social welfare Pigous welfare Economics.	-	Perfect Competition Duopoly, Theory of profit Demand theory	Roh



HEAD OF DEPT. - ECONOMICS
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE, TAL. SANGAMNER DIST. A. NAGAR

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
B.A Economics		Public finance (T.Y.B.A)	Gender budget, Schemes for Women.	Dalton's, Theory of Social Welfare.	-	Public Finance Budget, Principles Public Expenditure G.S.T,	<i>Rash</i> Kalen
B.com	113 123	Business Economics (F.Y.B.com)		Consumer's Behaviour,	-	Demand Theory, Imperfect Competition Duopoly, oligopoly	<i>Rash</i> (Kale N.N)
							<i>Rash</i> HEAD OF DEPT. ECONOMICS LONETE BALASABH THORAT ARTS COMMERCE & SCIENCE COLLEGE TALEGONDIKHE, TAL. SANGAMNER DIST. AMRAMPUR



Department of Economics.
 Environment and Sustainability into the Curriculum: - 2019 CCBCS Pattern)

Economics Dept.

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum: - 2019 CCBCS Pattern)

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
B.A (Economics)	CC-1C	International Economics-I खानशाहरीय अर्थशास्त्र-१	-	-	-	आ. व्यापराचे फायदे, महत्त्व अंतरराष्ट्रीय व्यापार परकीय व्यापार परकीय भांडवल व्यावहारतेल	
B.A (Economics)	SEC-2C	Business Management व्यवसाय व्यवस्थापन	संस्कारी योजना स्टॅंड अप योजना अनु. त्रानी जमाती महिलासाठी कंग्रुळा सुषा योजना - महिलाकरीती मुद्रा कर्क	-	-	व्यवसाय व्यवस्थापन संकल्पना व्यवस्थापन नियोजनाचा गन्व उद्दिष्ट्ये निर्णय, प्रक्रिया	
B.A (Economics)	11151 12151	Indian Economic Environment I & II भारतीय आर्थिक पर्यावरण- I, II	भोक्तव्या नियंत्रण आहान माता मृत्युदर कमी करणे, रक्षी-पुनरु पुनोत्तर वावणे	-	कृषी पर्यावरण शेती उत्पादकता शेतीपुढील आहान	ऑक्टोबिक पर्यावरण उद्योगाद्वारे सेवा-क्षेत्र वकीग व्यवसाय	



HEAD OF DEPT. ECONOMICS
 LONNETE BALASABH THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIST.,
 TAL. SANGARNER DIST. AJMARG.

T.Y.B.A. Economics
General Paper-III: Indian Economic Development-I
(Course Code:)
Semester V

Preamble:

The course will be useful for learners aiming towards careers in the government sector, policy analysis and the social sector. This course would take an overview of aspects of economic development with special reference to India.

The course aims to introduce the learner to the main concepts in economic and human development, equip them compare and contrast different economies: recognize various indicators of economic and human development. The course will also provide a broad outline of the Sustainable Development Goals.

Course Learning Outcomes

At the end of the course the learner will have ability -

- To relate and recognize the concept and indicators of Economic Development.
- To describe and analyze the concept and indicators of Human Development.
- To explain the characteristics of Developing and Developed Countries.
- To describe the constraints to the process of Economic Development.

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	Economic Development and Growth	10
	1.1 Economic Development: Meaning, Definition and Indicators	
	1.2 Economic Growth: Meaning, Definition and Indicators	
	1.3 Need and Importance of Economic Development	
2	Developed and Developing Countries	14
	2.1 Concepts of Developed and Developing Countries	
	2.2 Characteristics of Developed Countries	
	2.3 Characteristics of Developing Countries : Economic, Demographic, Technological, Social and Political	
	2.4 India as an Emerging Economy	
3	Constraints to Development Process	12
	3.1 Vicious Circle of Poverty	
	3.2 Capital Constraints	
	3.3 Technology Constraints	
	3.4 Socio- Cultural Constraints	
	3.5 Political and Administrative Constraints	
	3.6 External Bottlenecks	
4	Human Resources and Economic Development	12
	4.1 Role of Human Resources in Economic Development	
	4.2 Human Development Index and India	
	4.3 Concepts of Physical Quality of Life Index:	
	4.3.1 Gender Development Index	
	4.3.2 Gender Inequality Index	
4.3.3 Multidimensional Poverty Index		

(Human value)

Human Value

(Cross-Cutting Gender Issues)



Kah
HEAD OF DEPT. ECONOMICS
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGGAR, DIGHNE,
 TAL. SANGAMNER DIST. A. NAGAR.

T.Y.B.A. Economics
General Paper- III: Indian Economic Development-II
(Course Code:)

Semester VI

Preamble:

This course would take an overview of the process of Economic Planning and the Development Goals. The course aims to introduce the learner to the main concepts in Economic Planning, equip them with understanding of the planning process in India and changing in recent times and familiarize them to the Sustainable Development Goals. The Course also reviews the relation between Economic Development and Environment.

Course Learning Outcomes

At the end of the course the learner will have ability-

- To describe and explain the process of Economic Planning.
- To describe and examine the changing structure of planning process in India.
- To describe and explain the relation between Economic Development and Environment.

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	Economic Planning	12
	1.1 Economic Planning – Meaning, Definition and Features	
	1.2 Need of Economic Planning	
	1.3 Objectives of Economic Planning in India	
2	National Institution for Transforming India Aayog (NITI Aayog)	12
	2.1 NITI Aayog- Objectives and Structure	
	2.2 Role of NITI Aayog	
	2.3 Difference between Planning Commission and NITI Aayog	
3	Sustainable Development	12
	3.1 Sustainable Development : Meaning and Importance	
	3.2 17 SDGs (Sustainable Development Goals)	
	3.3 Measures for Sustainable Development	
	3.4 Current Scenario of SDG in India	
4	Environment and Economic Development	12
	4.1 Relation between Environment and Economic Development	
	4.2 Environment and Sustainable Development	
	4.3 Environmental Policies in India:	
	4.3.1 National Conservation Strategy (1992) - Highlights	
	4.3.2 National Environmental Policy (2006) - Highlights	
4.4 Global Warming		

(Environment & Sustainability)



HEAD OF DEPT. ECONOMICS
 LOKNETE BALASAHAB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A. NAGAR



INDIAN
ECONOMIC
DEVELOPMENT

भारतीय आर्थिक विकास

डॉ. एस. के. पगार ■ डॉ. संभाजी काळे



आर्थिक विकास आणि पर्यावरण

Environmental and Economic Development

- ८.१ आर्थिक विकास व पर्यावरण यातील संबंध
 ८.२ शाश्वत विकास आणि पर्यावरण
 ८.३ भारतातील पर्यावरण धोरण - ८.३.१ राष्ट्रीय संवर्धन धोरण-१९९२, ८.३.२ राष्ट्रीय पर्यावरण धोरण-२००६
 ८.४ ग्लोबल वार्मिंग - ८.४.१ ग्लोबल वार्मिंगचा अर्थ ८.४.२ ग्लोबल वार्मिंगची कारणे ८.४.३ ग्लोबल वार्मिंगचे परिणाम

८.१ आर्थिक विकास आणि पर्यावरणातील संबंध (Relation between Environment and Economic Development):

औद्योगिक समुदायापासून, पर्यावरण जसजसे वाढत जाते तसतसे पर्यावरण प्रदूषण ही एक महत्त्वपूर्ण समस्या बनली आहे. चांगल्या पर्यावरणीय स्थितीत दीर्घकालीन वाढ साधण्यासाठी एक पद्धत शोधण्यासाठी, लोकांना आर्थिक विकास आणि पर्यावरण प्रदूषण यांच्यातील संबंध जाणून घेण्याची इच्छा आहे.

आर्थिक वाढीचा आणि पर्यावरणाचा मुद्दा राष्ट्रीय आणि आंतरराष्ट्रीय स्तरावर पर्यावरणास वेळोवेळी ठेवणाऱ्या आर्थिक दबावांच्या प्रकाराशी संबंधित असतो. इकोलॉजी आणि अर्थव्यवस्था यांच्यातील संबंध दिवसेंदिवस महत्त्वपूर्ण होत आहे कारण मानवांना हळूहळू पृथ्वीच्या टिकाव व गुणवत्तेवर आर्थिक निर्णयावर होणारा परिणाम समजतो.

नवीन संसाधनांमधून एकूण उत्पादन वाढविणे किंवा विद्यमान संसाधनांचा चांगला वापर असे सामान्यतः आर्थिक वाढ परिभाषित केले जाते; हे दरडोई वाढीव वास्तविक उत्पन्नाद्वारे मोजले जाते. सर्व आर्थिक वाढीमध्ये नैसर्गिक जगाचे रूपांतर होते आणि त्याचा परिणाम पर्यावरणीय गुणवत्तेवर तीनपैकी एका मागिने होतो. पर्यावरणाची गुणवत्ता वाढीसह वाढू शकते. वाढीव उत्पन्न, उदाहरणार्थ, स्वच्छता आणि ग्रामीण वीज यासारख्या सार्वजनिक सेवांसाठी संसाधने प्रदान

करतात. या सेवा मोठ्या प्रमाणात उपलब्ध झाल्यास, व्यक्तींना दिवसा-दररोज जगण्याविषयी चिंता करण्याची आवश्यकता नाही आणि संवर्धनासाठी अधिक संसाधने घालू शकतात. दुसरे म्हणजे, पर्यावरणाची गुणवत्ता सुधारू शकते. वायू होऊ शकते परंतु वाढीचा दर जसजसा वाढत जाईल तसतसा सुधारू शकतो. वायू प्रदूषणाच्या बाबतीत, जलप्रदूषण, जंगलतोड व अतिक्रमण यापैकी कोणत्याही व्यक्तिस पर्यावरणाची गुणवत्ता खूप्यासाठी गुंतवणूकीसाठी फारसे प्रोत्साहन नाही. अतिरिक्त संसाधने त्यांच्याशी व्यवहार करण्यासाठी समर्पित आहेत हे सुनिश्चित करण्यासाठी देश जाणूनबुजून धर्म-रंजची धोरणे लागू करतात तंकाच या समस्या सुधारू शकतात. तिसऱ्यांदा, गाढीचा दर वाढला की पर्यावरणाचा गुणवत्ता होऊ शकते. महानगरपालिकेच्या घनकचरा विल्हेवाट लावल्यामुळे निर्माण होणाऱ्या उत्सर्जनाच्या बाबतीत, उदासंनता तुलनेने महानगर असते आणि उत्सर्जन व कचरा यांच्याशी संबंधित खर्च जास्त मानला जात नाही कारण ते बहुतेकदा इतर कुणी उचलत असतात.

जागतिक बँकेच्या अंदाजानुसार २०३० पर्यंत उत्पादन वाढ प्रवृत्ती आणि वाढती लोकसंख्या यामध्ये विकसनशील देशात पाच पटपेक्षा जास्त वाढ होईल असा अंदाज आहे. औद्योगिक देशांचे उत्पादन अधिक हळूहळू वाढेल, परंतु त्याच काळात ते तिप्पट होईल. पर्यावरण प्रदूषण त्याच वेगाने वाढत असेल तर तीव्र पर्यावरणीय त्रास उद्भवतील. पर्यावरणीय कारणामुळे कोट्यवधी लोक आजारी पडतील किंवा मरतील.

तीही आर्थिक वाढ आणि पर्यावरणीय व्यवस्थापन योग्य नसते. खरं तर, बऱ्याच जगांचा असा विश्वास आहे की त्यांना एकमेकांची गरज आहे. पर्यावरणीय संरक्षणाशिवाय आर्थिक वाढ कमी होईल आणि आर्थिक विकासाशिवाय पर्यावरण संरक्षण अपयशी ठरेल.

पृथ्वीची नैसर्गिक संसाधने आर्थिक वाढीवर मर्यादा ठेवतात. खोत बदल, तांत्रिक प्रगती आणि सवनात्मक बदलांच्या मध्यांदिनुसार या मर्यादा बदलू शकतात. अनेकांना अशी भीती आहे की जगातील उपयुक्त धातूंचा पुरवठा संपेल. तरीही, आज उपयुक्त धातूंचा प्रभाव आहे आणि किमती मोठ्या प्रमाणात खाली आल्या आहेत. पाण्यासारख्या नव्य नैसर्गिक स्रोतांची मागणी मात्र वारंवार पुरवठा ओलांडते. मध्ये रडारखीत जसे त्रांमध्ये मध्य-पूर्व आणि अशा उत्तर चीन नॉन-रडारखीत क्षेत्रांमध्ये, aquifers नमी केलं गेलं आहे आणि नद्या म्हणून घटकाला नाही फक्त की निचरा सिंचन अणे कृषी धोक्यात आहेत पण स्थानिक पर्यावरणाच्या.

पाणी, जंगल आणि स्वच्छ हवा यासारख्या काही स्रोतांवर आक्रमण होत भारतीय आर्थिक विकास | १५९



- २.२ विकसित अर्थव्यवस्थांची वैशिष्ट्ये
(Characteristics of Developed Countries)
- २.३ विकसनशील अर्थव्यवस्थांची वैशिष्ट्ये
(Characteristics of Developing Countries)
- २.३.१ आर्थिक
२.३.२ लोकसंख्याविवेक
२.३.३ तंत्रज्ञान
२.३.४ सामाजिक, सांस्कृतिक
२.३.५ इतर
- २.४ उद्यन्मुख अर्थव्यवस्था म्हणून भारतीय अर्थव्यवस्था
(Indian as an Emerging Economy)

(Gender)

प्रकरण ३..... ६५
आर्थिक विकास प्रक्रियेतील अडथळे
(Constraints on Development Process)

- ३.१ प्रस्तावना (Introduction)
- ३.२ दारिद्र्याचे दुष्टचक्र (Vicious Circle of Poverty)
- ३.३ भांडवल अडथळा (Capital Constraints)
- ३.४ तंत्रज्ञान अडथळा (Technology Constraints)
- ३.५ सामाजिक आणि सांस्कृतिक अडथळे (Socio-Cultural Constraints)
- ३.६ राजकीय आणि प्रशासकीय अडथळे
(Political and Administrative Constraints)
- ३.७ लोकसंख्या विस्फोट (Population Explosion)
- ३.८ शेतीची कमी उत्पादकता (Low Productivity of Agriculture)
- ३.९ बाह्य अडथळे (External Bottlenecks)

प्रकरण ४..... ९८
आर्थिक विकास आणि मानवी साधन संसाधन
(Human Resources and Economic Development)

(Human Values)

- ४.१ प्रस्तावना (Introduction)
- ४.१.१ मानव संसाधनाचा अर्थ (Meaning of Human Resource)
- ४.१.२ आर्थिक विकासात मानवी संसाधनाची भूमिका
(Role of Human Resource in Economic Development)
- ४.२ भारत मानव विकास निर्देशांक
(Human Development Index and India)
- ४.३ जीवन निर्देशांक शारीरिक गुणवत्ता
(Concepts of Physical Quality of Life Index)

६। प्रशांत पब्लिकेशन्स



- ४.३.१ लिंग वेकस निर्देशांक (Gender Development Index)
- ४.३.२ लिंग असमानता निर्देशांक (Gender Inequality Index)
- ४.३.३ बहुआयामी गरिबी निर्देशांक (Multidimensional Poverty Index)
- ४.३.४ लिंग मक्षमिकरण निर्देशांक (Gender Empowerment Index)
- ४.३.५ मानव दारिद्र्य निर्देशांक संकल्पना

(Gender Issues)

प्रकरण ५..... ११७
आर्थिक नियोजन
(Economic Planning)

- ५.१ प्रस्तावना (Introduction)
- ५.२ नियोजनाचा अर्थ, व्याख्या आणि वैशिष्ट्ये
(Economic Planning: Meaning, Definition and Feature)
- ५.२.१ निया रनाचा अर्थ आणि व्याख्या
(Meaning and Definition of Planning)
- ५.२.२ निया रनाची वैशिष्ट्ये
(Objectives of Planning)
- ५.३ नियोजनाची आवश्यकता/गरज
(Need of Economic Planning)
- ५.४ भारतीय आर्थिक नियोजनाची उद्दिष्टे
(Objectives of Economic Planning India)

प्रकरण ६..... १२९
निती आयोग - राष्ट्रीय भारत परिवर्तन संस्था
(Niti Aayog-National Institutions Transforming Indian Aayog)

- ६.१ प्रस्तावना (Introduction)
- ६.१.१ निती आयोगाची रचना (Structure of Niti Aayog)
- ६.१.२ निती आयोगाचे उद्देश्य (Objective of Niti Aayog)
- ६.२ निती आयोगाची भूमिका
(Role of Niti Aayog)
- ६.३ निती आयोग आणि नियोजन मंडळ यातील फरक
(Difference between Planning Commission and Niti Aayog)

प्रकरण ७..... १३९
शाश्वत विकास
(Sustainable Development)

(Environment & Sustainability)

- ७.१ शाश्वत विकास: अर्थ आणि महत्त्व
(Sustainable Development: Meaning and Importance)

भारतीय आर्थिक विकास । ७

T.Y.B.A. Economics
Special Paper - III: International Economics-I
(Course Code:)

Semester - V

Preamble:

This course provides the students a thorough understanding and deep knowledge about the concept of international economics and international trade. The contents of the paper spread over various modules, lay stress both on theory and applied nature of the subject. Besides this, the contents prepare the students to know the important theories of international trade. The paper also covers the meaning, types, importance of terms of trade and causes of unfavorable terms of trade to developing countries like India.

Course Learning Outcomes

At the end of the course the learner will have Ability

- To relate and recall the concepts of International Economics and International Trade.
- To describe and apply the theories of international trade.
- To explain and comprehend the issues relating to Terms of trade and Balance of Payment.

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	Introduction	12
	1.1 International Economics- Meaning, Scope and Importance	
	1.2 Inter-regional and International Trade	
	1.3 Importance of International Trade	
2	Theories of International Trade	12
	2.1 Theory of Absolute Cost Advantage and Comparative Cost Advantage	
	2.2 Heckscher-Ohlin Theory	
	2.3 Leontief's Paradox	
3	Terms of Trade	12
	3.1 Meaning, Types and Importance of Terms of trade	
	3.2 Determinants of Terms of trade	
	3.3 Causes of Unfavorable Terms of trade to Developing Countries	
4	Balance of Payments	12
	4.1 Balance of trade and Balance of payments- Concepts	
	4.2 Balance of payments - Components	
	4.3 Disequilibrium of Balance of Payments, Causes and Consequences	
	4.4 Measures to correct Disequilibrium in the Balance of Payments	



K. Ach
HEAD OF DEPT. ECONOMICS
 LOKNETE BALASANEH THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR.

T.Y.B.A. Economics
Skill Enhancement Course
SEC-3A: Business Management-II (Project Report)
(Course Code:)
Semester – VI

Course Learning Outcomes:

At the end of the Course, the Learner will have the following skills:

- Analytical Skills – Ability to analyze data collected and interpret in the most logical manner
- Project Report Writing Skills- Ability to comprehend and illustrate/demonstrate findings
- Presentation Skills – PPT/Poster- Ability to illustrate findings in the most appealing manner
- Leadership Skills: Ability to show leadership skills with business ideas or work on business ventures as a practical example

Unit No.	Name and Sub Titles of the Topic	No. of Lectures	Skill Enhancement Exercises
1	Case Study	2	Preview to Students for Project Report
	Guest Lecture – Local Entrepreneur – Success Stories / Struggles/ Historical Reviews/ Start-ups, etc		
2	Project Interim Presentation	14	Initial Mid Semester Presentation (15 marks)
	Detailed Study of ANY Business Enterprise under the Guidance of Subject Teacher OR Presentation of a Business Idea		
3	Project Final Presentation	14	Final Presentation Viva (35 Marks) Int. Examiner - 10 Ext. Examiner - 10 Report- 15
	Presentation with PPT or Poster or Exhibition of Business Ideas/ Reports		

Recommended Books

1. Stephen R. Covey, The 7 Habits of Highly effective People (1989), Guerilla Marketing.
2. Harvard Business Review, Management Tips, hbr.org/books.
3. Pandey, I.M. Financial Management, Persons 12th Edn.
4. Saksena, S.C., Principles of Business Management (2019), Sahitya Bhawan Publi.Agra.
5. Kalkar Parag and Ajinath Doke, Vyavsay Vyavsthan, Nirali Prakashan, Pune.
6. Vasistha, Neeru, Principles of Management, Taxmann.
7. Hannagan, Tim. Management Concepts and Practices, Macmillan India Ltd.
8. Government of India, Official Websites.



=====B=====

C. Chh.
HEAD OF DEPT. ECONOMICS
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHI,
 TAL. SANGAMNER DIST. AMARGAR

**T.Y.B.A. Economics
Skill Enhancement Course
Business Management**

Semester	CC Paper	Paper No.	Name of Paper	Lectures / Week	Total Lect.	CA Marks	ESE Marks	Total	No. of Credits
V	SEC -III SEC-3A		Business Management- I	03	30	15	35	50	2
VI	SEC -IV SEC-3A		Business Management - II Project	03	30	15	35	50	2

SEC -Skill Enhancement Course; CC -Core Course; CA - Continuous Assessment;
ESE -End of Semester Examination

**T.Y.B.A. Economics
Skill Enhancement Course
SEC 3A: Business Management-I
(Course Code:)
Semester – V**

Course Learning Outcomes:

At the end of the Course, the Learner will have the following skills:

- Management of Business.
- Business planning and decision making
- Leadership Skills- Ability to work in teams at the same time, ability to show leadership qualities

(Human Value, professional ethics)

Unit No.	Name and Sub Titles of the Topic	No. of Lectures	Skill Enhancement Exercises
1	Business Management	6	<ul style="list-style-type: none"> • Discussion/ Practical/ Field Study
	1.1 Nature and Scope of Management		
	1.2 Characteristics of Management		
	1.3 Need & Importance of Study of Management		
	1.4 Process of Management		
2	Business Planning and Decision Making	6	<ul style="list-style-type: none"> • Case Studies / Mini Projects / Individual /Team Presentations. • Practical Exercises in Decision Making Process/ Problem Solving
	2.1 Nature of Planning		
	2.2 Steps in Planning Process		
	2.3 Types of Business Planning		
	2.4 Study of Planning Process		
	2.5 Steps in Decisions Making Process		
	2.6 Factors affecting decision Making		



3	Schemes of Government : Make in India Start-up India Stand up India } (Gender.) Mudra Loans } Dairy Management Scheme Fruits Management Development Programme Agriculture Products Sell Management C professional Ethics)	6 2 + 2 Guest Lecture	<ul style="list-style-type: none"> • Visit to SSS/ Interview with Mudra Beneficiary. • Study of Street Vendors/ Hawkers/ Mini Enterprises etc. • Exhibitions Business Plan Ideas Competitor
4	Workshop: Workshop on Entrepreneurship Development Training Programme	8	2 -Half-Day Work - shops -4 hours each OR 1- One Day Workshop - 8 hours

Recommended Books

1. Stephen R. Covey, The 7 Habits of Highly effective People (1989), Guerilla Marketing.
2. Harvard Business Review, Management Tips, hbr.org/books.
3. Pandey, I.M. Financial Management, Persons 12th edn.
4. Saksena, S.C., Principles of Business Management (2019), Sahitya Bhawan Publi.Agra.
5. Kalkar Parag and Ajinath Doke, Vyavsay Vyavsthapan, Nirali Prakashan, Pune.
6. Vasistha, Neeru, Principles of Management, Taxmann.
7. Hannagan, Tim. Management Concepts and Practices, Macmillan India Ltd.
8. Government of India, Official Websites.





BUSINESS
MANAGEMENT

व्यवसाय

व्यवस्थापन

डॉ. संभाजी काळे ■ डॉ. बी. डी. उंदरे
प्रा. कृष्णा पाडवी ■ डॉ. संतोष वाघमारे



व्यवस्थापनशास्त्राच्या विकास प्रक्रियेत केलेले कार्य ऐतिहासिक आहे.

व्यवस्थापन - अर्थ आणि व्याख्या

(Meaning and Definition of Management):

व्यवस्थापन अर्थ (Meaning of Management):

व्यवस्थापन ही अतिशय व्यापक प्रक्रिया आहे. व्यवसाय यशस्वीपणे व कार्यक्षमपणे चालविण्यासाठी निर्देशन व नियंत्रणाची गरज असते. निर्देशन व नियंत्रण करण्यासाठी केंद्रस्थानी असलेल्या या यंत्रणेस 'व्यवस्थापन' असे म्हटले जाते. व्यवसायातील सर्व उत्पादन साधनांच्या प्रयत्नांना संघटित करून निर्देशित व नियंत्रित करण्यासाठी व्यवस्थापन आवश्यक ठरते. व्यवसाय म्हणजे जमीन भांडवल, श्रम व सामग्री या साधनांना कार्यशील बनविणे. व्यवसाय फायदेशीर व्हावा म्हणून सर्व साधनांना पद्धतशीरपणे कामास लावणे. व्यवस्थापनामुळे व्यवसायाचा सर्वांगीण विकास व विस्तार होऊ शकतो.

व्यवस्थापन या संकल्पनेचा अर्थ एक किंवा अनेक व्यक्तींकडून केल्या जाणाऱ्या सर्व कृती आणि कार्यांचे उद्दिष्टे प्राप्त करण्याच्या दृष्टीने केले जाणारे नियोजन व नियंत्रण होय. व्यवस्थापनाला व्यवसाय संस्थेला आत्मा किंवा मेंदू म्हणून संबोधले जाते, कारण व्यवसाय संस्थेच्या नियोजन, संघटन, मार्गदर्शन, कर्मचारी भरती आणि नियंत्रण या कार्यांसाठी ते जबाबदार असते. व्यवस्थापन म्हणजे व्यक्तींना कौशल्याने, पद्धतशीरपणे, तर्कसुसंगत पद्धतीने हाताळणे होय. तिलाच नाम प्रक्रिया म्हणून संबोधले जाते, ती एक समुदायवाचक प्रक्रिया आहे. समुदायवाचक प्रक्रियेमध्ये वीरू पातळीवरील व्यवस्थापनाचा समावेश होतो, जे व्यवसाय संस्थेत देखरेख करण्याची भूमिका बजावतात. या प्रक्रियेत नियोजन, समन्वय, मार्गदर्शन आणि नियंत्रण यांचा समावेश होतो. व्यवस्थापकाला दैनंदिन कामकाजासाठी तसेच दीर्घकालीन कामकाजासंदर्भात विविध योजना तयार कराव्या लागतात. बदलत्या परिस्थितीनुसार त्यांना या योजनांमध्ये तसेच ध्येय धोरणांमध्ये सुधारणा कराव्या लागतात. व्यवस्थापन एक स्वतंत्र अशी शिस्त असते. जी संस्थेच्या कर्मचारी वर्गाकडून पद्धतशीरपणे, प्रभावीपणे आणि कार्यक्षमपणे काम करून घेते. अशा प्रकारे व्यवस्थापन ही एक मध्यवर्ती संस्था असून ती, व्यवसाय संस्थेत एकरूप काम करणाऱ्या विविध व्यक्तींच्या प्रयत्नात आणि उपक्रमांत समन्वय घडवून आणण्याचे काम करते. म्हणूनच व्यवसायात व्यवस्थापनाला फार महत्त्व आहे.

व्यवस्थापनाची व्याख्या (Definition of Management):

व्यवस्थापनाच्या व्याख्या पुढीलप्रमाणे सांगता येतील.



- विल्यम ग्लिगेल : "व्यवस्थापन हे संचालनात्मक कार्य असून त्यांचा संबंध प्रशासनाने ठरवून दिलेल्या प्रमुख धोरणांची अंमलबजावणी करण्याशी असतो."
- पीटर ड्रक : "व्यवस्थापन हे असे बहुउद्देशीय हत्यार आहे की, जे व्यवसायात, व्यवस्थापक, कामगार आणि काम यांचे व्यवस्थापन करते."
- ३) स्टॅनले व्हॉल्स : "पूर्वनिर्धारित उद्दिष्टांच्या पूर्ततेसाठी निर्णय घेण्याची तसेच उपक्रमात काम करणाऱ्या व्यक्तींच्या हालचालीवर नियंत्रण ठेवण्याची क्रिया म्हणजे व्यवस्थापन होय."
- ४) जेम्स लुंड : "एखादे विशिष्ट उद्दिष्ट साध्य करण्यासाठी इतरांच्या प्रयत्नांचे नियोजन, समन्वय व नियंत्रण करून त्यांना कार्यप्रवण करणे म्हणजे व्यवस्थापन होय."
- ५) हेन्री फेर्यान्स : "व्यवसायातील घडामोडींचा अंदाज घेणे, कार्याचे नियोजन व संघटन करणे, सर्व कार्यांमध्ये समन्वय साधणे आणि कार्यावर नियंत्रण ठेवणे म्हणजे व्यवस्थापन होय."
- ६) कुंट्झ आणि ओडोनेल : "समूहाची उद्दिष्टे गाठण्यासाठी समूहातील व्यक्तींना कार्यक्षमपणे आणि परिणामकारकपणे कार्य करण्यास पोषक असे अंतात वातावरण निर्माण करणे व टिकविणे म्हणजे व्यवस्थापन होय."
- ७) लॉरेन्स अँटनी : "व्यवस्थापन म्हणजे कर्मचारी विषयक प्रशासन होय. व्यवस्थापन म्हणजे व्यक्तिविकास होय. निर्देश देणे नव्हे, त्यांच्यामते व्यक्तिमंतात समाधानकारक काम करणे हे व्यवस्थापनाच्या कामाचा एक भाग नाही तर ते एक पूर्ण काम आहे."
- ८) जॉर्ज आ. टॅरी : "व्यवस्थापन म्हणजे लोकशाही आणि साधन-संपत्तीचा गपूर करून काही उद्दिष्टे निश्चित करून ती साध्य करण्यासाठी एखाद्या संस्थेच्या कार्याचे नियोजन, संघटना, प्रकटीकरण आणि नियंत्रण करण्याची विशिष्ट प्रक्रिया आहे."
- ९) ऑलिव्हर शेल्डन : "व्यवस्थापन हे उद्योगामधील एक कार्य असून ते प्रशासनाने निश्चित केलेल्या चौकटीच्या आत पूर्वनिर्धारित धोरणांची अंमलबजावणी करणे आणि विशिष्ट उद्दिष्ट पूर्ण करण्यासाठी संघटनेचा उपयोग करणे या क्रियांशी संबंधित असते."
- १०) किम्बॉल अँड किम्बॉल : "व्यवसायाची वाढ, अर्थपुरवठा, मुख्य

हे व्यवस्थापनाचे कौशल्य असते. आकडेवारीवरून व्यवस्थापक योग्य ते अंदाज बांधू शकतो.

७. **व्यवसायाचे नावलौकीक वाढविणे** : ज्या व्यवसायामध्ये चांगल्या प्रकारे व्यवस्थापनाचा अवलंब केला जातो. अशा व्यवसाय व्यवस्थापनात व्यवसायाचे नावलौकीक सुधारता येते. म्हणजेच गुणवत्ता पूर्ण मालाची निर्मिती करणे, श्रमिकांना विशेष सुविधा उपलब्ध करून देणे, कराचा भरणा योग्य वेळेवर करणे तसेच सामाजिक हितासाठी उपक्रम निर्माण करणे. ग्राहकांना गुणवत्ताधारक व वाजवी किंमतीत वस्तू व सेवांचा पुरवठा करणे अशा इत्यादी कारणांमुळे समाजात नावलौकीक साध्य करता येते.

८. **स्पर्धेमध्ये टिकून राहण्यासाठी** : व्यवसाय व्यवस्थापन अभ्यास विषयाच्या माध्यमातून अर्थव्यवस्थेत असलेल्या स्पर्धेची माहिती होते. म्हणजेच बाजारातील स्पर्धकांच्या किंवा व्यवसायिकांच्या उत्पादनांचा वस्तूंच्या किंमतीचा तसेच विविध व्यूहरचनेचा विचार करून व्यवस्थापकाने काय करावे यांचा अभ्यास करता येतो. त्यामुळे या अभ्यासविषयाची गरज व्यवसायिकांना अर्थव्यवस्थेतील बदलल्या परिस्थितीनुसार व्यवस्थापकाचे धोरण काय असावे यासाठी उपयुक्त ठरते.

९. **व्यवसाय व्यवस्थापन अभ्यास प्रक्रिया** : व्यवसाय व्यवस्थापन अभ्यासामध्ये अनेक गोष्टींचा अंतर्भाव होत असतो. उदाहरणार्थ नियोजन, संघटन, संशोधन, समन्वय, सहकार्य इत्यादी या विविध घटकांच्या माध्यमातून व्यवसाय वृद्धीगत करता येतो. म्हणजेच व्यवसायातील व्यवस्थापक आणि श्रमिक हे एकत्र येऊन व्यवसायाला एका उंचीवर घेऊन जातात. म्हणजेच व्यवसाय व्यवस्थापन. अभ्यासाच्या माध्यमातून व्यवस्थापकाला कशा पद्धतीने व्यवसाय पुढे घेऊन जावा यासाठी हा अभ्यास विषय महत्त्वाचा ठरतो.

अशा प्रकारे व्यवसाय व्यवस्थापन अभ्यासाची गरज फक्त व्यवसायिकाला नसून त्या अनुषंगाने या अभ्यासाची गरज विद्यार्थी, समाज व शासन, उपक्रमशील व्यवसायिकांसाठी उपयुक्त ठरतो. कारण व्यवसायाचा संबंध हा व्यवसायिक, समाज व शासनाशी असतो. त्यामुळे आजच्या काळात व्यवसायाचे महत्त्व वाढत असताना व्यवसाय व्यवस्थापन अभ्यासविषयाची गरज किती आहे हे लक्षात येते.

२.६ निर्णय प्रक्रिया (Decisions Making Process)

प्रस्तावना (Introduction):

व्यवस्थापनामध्ये निर्णय घेणे हे एक महत्त्वाचे कार्य मानले जाते. व्यवस्थापकीय अधिकार संचालक मंडळ यांनी घेतलेल्या निर्णय प्रक्रियेची अंमलबजावणी यावर उत्पादकांना अवलंबून असते. सुयोग्य नियोजन, योग्य समन्वय व नियोजन ही निर्णय प्रक्रियेची त्रिसुत्री आहे.

व्यवस्थापनात निर्णय घेणे हे अत्यंत महत्त्वाचे कार्य असते. व्यवस्थापक हा निर्णय घेत असतो. व्यवस्थापक व संचालक मंडळाने काळजीपूर्वक व अभ्यासपूर्ण नियोजनांवर व्यवसायाचे यश अवलंबून असते. उत्पादनासंबंधीचा निर्णय घेताना प्रामुख्याने वर्तमानकाळ, भूतकाळ व भविष्यकाळाचा विचार करून निर्णय घ्यावे लागतात.

निर्णय प्रक्रियेच्या व्याख्या (Definition of Decisions Making Process)

- » **मॅकफर लॅण्ड** : "कठीण परिस्थितीत कोणते निर्णय घ्यावे हे निश्चितपणे ठरवून दिलेल्या निरनिराळ्या मार्गांपैकी योग्य पर्यायाची निवड करण्याच्या कृतीला निर्णय पद्धती असे म्हणतात."
- » **क्रुन्झ आणि ओडोनेल** : "एखादे उत्पादन कार्य पूर्ण करण्यासाठी उपलब्ध असलेल्या पर्यायातून विशिष्ट पर्यायाची प्रत्यक्षात करण्यात येणारी कृती प्रक्रिया म्हणजे निर्णय प्रक्रिया होय. थोडक्यात अर्थिक्य उत्पादनासाठी योग्य निर्णय घेणे होय."
- » **जॉर्ज टेशी** : "उपलब्ध असलेल्या पर्यायामधून सर्व पर्यायांची कसून तपासणी करून योग्य पर्यायाची निवड करून निर्णय घेणे होय."
- » **अर्नेस्ट डाले** : "जे निर्णय प्रामुख्याने संघटन, नियुक्ती, नियंत्रण, नवप्रवर्तन, जाहिरातीतील संघटन या कार्यासंबंधी असतात त्यांनाच व्यवस्थापनाचे निर्णय म्हणून ओळखले जाते."

निर्णयाचे प्रकार

व्यवस्थापनामध्ये व्यवस्थापकांना किंवा व्यवसायप्रमुखांना वेगवेगळे निर्णय घ्यावे लागतात. निर्णय प्रामुख्याने वेगवेगळ्या प्रकारचे असतात. निर्णयाचे खालीलप्रमाणे वर्गीकरण करता येईल.

- १) **पूर्व नियोजित निर्णय** : पूर्व नियोजित निर्णय हे नेहमी येणाऱ्या प्रश्नांवर घेतले जातात. असे निर्णय घेणे अत्यंत सोप्या पद्धतीची प्रक्रिया असते. कारण यासाठी आवश्यक ते नियम आधीच्या व्यवस्थापकाने



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum: (Political Science - 2019 Pattern)

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Signature
B.A	11161-I 12161-II	F.Y.B.A Introduction to Indian Constitution भारतीय राज्याधानेची साधना	महिलाना शिक्षणाचा अधिकार, मोकल शिक्षण	मुलभूत हक्क व मुलभूत अधिकार	-		शहाने योगिता रावसाहेब किर
B.A	23161 24161	S.Y.B.A (612) Local self Government In Maharashtra महाराष्ट्रानिम स्थानिक स्वराज्य संस्था	-	-	नगरपरीषद ग्रामपंचायत कार्य ग्रामरचणना पर्यटनविकास वृक्षसंवर्धन पार्श्वशो संवर्धन	स्थानिक स्वराज्य संस्था कार्यपद्धती संरचना व प्रशासनाची माहिती ग्रामपंचायत कार्य	शहाने योगिता रावसाहेब किर
B.A C.A1 UG		First year all faculties Democracy, Election and Governance	-	नागरिकांच्या पुढील लक्षणावर आधारित लोकशाही निवडणूक प्रणाली लोकशाहीचे तत्त्व निपट निवडणूका	नगरपरीषद ग्रामपंचायत कार्य ग्रामरचणना पर्यटन विकास वृक्षसंवर्धन	निर्वाच प्रक्रिया व शासकीय घटनाडिगमध्या नागरिकांच्या लक्षणावर आधारित	शहाने योगिता रावसाहेब किर



1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum: (Political Science - 2013 Pattern)

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Signature
B.A (Political Science)		G1- Indian Government and Policies C.F.Y.B.A)		✓			राहलो योगिता शक्साहेव R.R
B.A (Political Science)		G2 (S.Y.B.A) Political Theory & Concepts.		✓			राहलो योगिता शक्साहेव R.R
B.A (Political Science)		T.Y.B.A (93) Political Ideologies. राजकीय तन्त्रशास्त्र		✓			राहलो योगिता शक्साहेव R.R



POL 151 MJ : Introduction to Constitution of India

Total Credits: 4 T

Total Hours: 60

Objective:

1. To help students from all faculties to understand the significance of the constitution of India help them to understand the basic concepts of Indian constitution.
2. To familiarize students with the working of the Constitution of India.
3. To identify the importance of fundamental rights as well as fundamental duties.

Learning Outcomes:

1. They will come to know the importance of the Preamble in the constitutional design of India.
2. They will be able to demonstrate the importance of Indian values, ideals and the role of the Constitution in a Democracy.
3. They shall understand the importance of fundamental rights and duties.

Unit 1 : Making of the Indian Constitution 15

- a. Historical Background
- b. Constituent Assembly
- c. Preamble
- d. Salient Features

Unit 2 : Fundamental Rights, Fundamental Duties and Directive Principles of State

Policy 15

- a. Fundamental Rights (Human Values)
- b. Fundamental Duties
- c. Directive Principles of State Policy
- d. Relationship between Fundamental Rights and Directive Principles

Unit 3 : Federalism 15

- a. Salient Features of Indian Federalism
- b. Centre –State Relations (Human values)
- c. State Autonomy
- d. Challenges to Indian Federalism



Savitribai Phule Pune University

T.Y.B.A. Political Science

(CBCS pattern to be implemented from 2021-2022)

Core Courses (C.C.)

LOCAL SELF GOVERNMENT IN MAHARASHTRA

Objectives:

1. To introduce the evolution of Local Self-Government in Maharashtra
2. To make students aware about 73rd and 74th Constitutional Amendments
3. To introduce the students the structure of Local Self Government
4. To make students aware about composition, power and functions of local bodies

SEMESTER-V

CC-1 E (3)

	PERIOD
Unit 1: Evolution of Local Self Government	12
a. Background of Panchayati Raj in British Era	
b. Community Development Program – 1952	
c. Balavantrai Mehata Committee – 1957	
Unit 2: Various committees of Local Self Government in Maharashtra	12
a. Vasantao Naik Committee – 1960	
b. L. N. Bongirwar Committee – 1970	
c. P. B. Patil Committee – 1985	
Unit 3: 73rd Amendment and Rural Bodies	12
a. Background of 73 rd Constitutional Amendment	
b. Constitutional change in Article 243	
c. Gram Sabha & Gram Panchayat	
Unit 4: 73rd Constitutional Amendment and Rural Bodies	12
a. Panchayat Samiti	
b. Zilha Parishad	
c. Schedule XI In Constitution	



SEMESTER-VI

CC-2 E (3)

- Unit 1: 74th Constitutional Amendment and Urban Bodies** 12
- a. Urban Bodies before 74th Constitutional Amendment
b. Constitutional change in Article 243
c. Nagar Panchayat
- Unit 2: 74th Constitutional Amendment and Urban Bodies** 12
- a. Municipal Council
b. Municipal Corporation
c. Schedule XII In Constitution
- Unit 3: Commissions about Local Self Government** 12
- a. State Election Commission
b. State Finance Commission
c. Challenges before Commission
- Unit 4: Future of Local Self Government** 12
- a. Control on Local Self Government
b. Limitations of Local Self Government
c. Challenges before Local Self Government
- (C professional Ethics)

Readings:

1. Avasti A., (ed), 1972, *Municipal Corporation In India*, Agra, L.N. Agarwal.
2. आवाळे मनोज, २०१२, पंचायत राज, पुणे, आदिश्रेय प्रकाशन.
3. बंग के. आर., २००५, भारतातील स्थानिक स्वराज्य संस्था महाराष्ट्राच्या विशेष संदर्भासह, नागपूर, मंगेश प्रकाशन.
4. विराजदार टी. एस. व शरद घोडके, १९९९, भारतातील स्थानिक स्वराज्य संस्था, नागपूर, अंशुल प्रकाशन.
5. भणगे रविंद्र, २०१२, भारतातील स्थानिक स्वराज्य संस्था, विशेष संदर्भ, महाराष्ट्र, जळगाव, प्रशांत पब्लिकेशन्स.



Department of Geography

Cross Cutting Issue

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Programme	Course code	Course / Subject	Gender	Human Values	Environment and Sustainability	Professional Ethics	Name of Faculty & Singneture
F.Y.B.A	Geography- G-1 1207	Elements of Geography- G-1	-	Earthquakes Causes&effect	Soil Degradation, Watershed Management	-	
F.Y.B.A	Geography- G-1- 11201&12201	Gg-110(A)&(B)Physical Geography & Human Geography(CBCS-2019)	Human Race	Earthquakes Causes & effect	Heat Balance Hydrological cycle Agriculture Problems, Earth system	-	
S.Y.B.A	Geography- G-2 2207	Element of Climatology and oceanography-G-2	-	Global climate and Global warming Causes & effect	Global climate and Global warming ,Environment Degradation	-	
S.Y.B.A	Geography- G-2 23204&24204	Environment Geography	-	Environmental Issues	Biodiversity ,Environmental Pollution Environmental Disaster, Environmental Problems and	-	



T.Y.B.A	Geography- G-3 3207	Regional Geography in India	-	Agriculture Problem	Policies	
T.Y.B.A	Geography- G-3 35204&36204	Gg310(A)&(B)Geography of Disaster Management (CBCS 2019)	-	Effects of human Hazards and Disaster	Biodiversity, Sustainable Development of Agriculture Resource Conservation and Soil Managements, Hazards and Disaster Management, Need of Disaster Management	
S.Y.B.A/B.Com/B.sc	AEC 2999(2013) 23999- 24999(2019)	Environmental Awareness	-	Effects of Pollution, Biodiversity, Ecology	Pollution, Biodiversity, Ecology, Population and sustainable Development	
F.Y.B.SC	Geography- 11181	Gg Introduction to Physical Geography-I (Geomorphology)	-	Earthquakes causes and effects Human life	Earthquakes causes and effects, Weathering , Mass movement	
F.Y.B.SC	Geography- 12181	Gg Introduction to Physical Geography -II (Ggeography of Atmosphere and Hydrosphere)	-	Effects of Weather and climate, Type of winds	Weather and climate, elements of weather and climate ,Heat budget, Monsoon winds	



HEAD OF DEPT. GEOGRAPHY
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DICHE,
TAL. SANGAMNER DIST. A.NAGAR

F.Y.B.S.C	Geography- 11181	Gg 1: Introduction to Human Geography	Human Race	Economic activities of Man	Importance of Human Geography, Human life region,	—	15
F.Y.B.S.C	Geography- 12181	Gg 122- Population and Settlement Geography	Gender and Literacy	Demographic Composition: Age, Gender and Literacy	Sources of Population Data: Census, National Sample Survey and other Sources	—	15

Asher
IQAC CO-ORDINATOR
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR



Dhanraj
PRINCIPAL
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR

[Signature]
HEAD OF DEPT. GEOGRAPHY
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR

Semester II**DSE (Discipline Specific Elective) - II Geography
Human Geography**

Sr. No	Topic	Sub Topics	Teaching Hours	Credits
1	Introduction to Human Geography	1) Definitions of Human Geography 2) Nature and scope of Human Geography 3) Branches and importance of Human Geography	12	03
2	Population	1) Factors affecting on distribution of population 2) Theory of demographic transition 3) Composition of Indian population (Gender and literacy)	12	
3	Settlements	1) Types and pattern of rural Settlements 2) Urbanisation in India 3) Urbanisation in Maharashtra	12	
4	Agriculture	1) Types of Agriculture 2) Factors affecting on Agriculture activity 3) Problems of Indian agriculture	12	

Reference Books

1. Chandna, R.C. (2010) Population Geography, Kalyani Publisher.
2. Hassan, M.I. (2005) Population Geography, Rawat Publications, Jaipur
3. Daniel. P.A. and Hopkinson M.F. (1980) The Geography of Settlement, Oliver & Boyd, London.
4. Musmade Arjun, Sonawane Amit and Jyotiram More, Population & Settlement Geography, (2015), Diamond Publication Pune.
5. Jyotiram More and Musmade Arjun (2015) Regional Geography of India .Diamond Publication Pune.
6. Johnston R; Gregory D, Pratt G. et al. (2008) The Dictionary of Human Geography, Blackwell Publication.
7. Jordan-Bychkov et al. (2006) The Human Mosaic: A Thematic Introduction to Cultural Geography. W. H. Freeman and Company, New York.
8. Kaushik, S.D. (2010) Manavi Bhugol, Rastogi Publication, Meerut.
9. Maurya, S.D. (2012) Manav Bhugol, Sharda Pustak Bhawan. Allahabad.
10. Sudepta Adhikari (2016) Orient Blackswan PVT, New Delhi.
12. Sumitra Ghosh (2015), Introduction of Settlement Geography, Orient Blackswan PVT Kolkaqta.
13. Ghosh B.N. : Fundamentals of Population Geography
14. Hussin M. : Human Geography 1994
15. Money D.S. : Human Geography



Semester II
Paper No-IV

Introduction to Human Geography

Course no :Gg121

No. ofCredits:2 No. of Periods:30

Sr. No	Unit	Sub-Units	No. of Periods
1	Introduction of Human Geography	a) Definition and meaning of Human Geography b) Branches of Human Geography c) Nature and scope of Human Geography d) Importance of Human Geography	06
2	Human Evolution and Races	a) Stages of human evolution. b) Meaning and definition of human race c) Bases of human race d) Griffith Taylor's theory of human race e) Pure and Mixed Races	08
3.	Man and Environment	a) Human life in cold region-ESKIMO i) Location ii) Geographical environment iii) Physical traits iv) Food & clothing v) Economic activity b) Human life in hot region - PYGMY i) Location ii) Geographical environment iii) Physical traits iv) Food & clothing v) Economic activity	08
4.	Economic activities of Man	a) Primary activities: Hunting, Fishing, gathering, farming, Lumbering, Pasturing and Mining. b) Secondary activities: manufacturing, Processing ,construction and infrastructure industry c) Tertiary activities: Trade, Transportation, Communication, Banking, Entertainment and Tourism d) Quaternary activities: Information and technology, Scientific research, High-tech software based activities e) Quinary activities: Government decisions	08

References:

Bergwan, Edward E: Human Geography; Culture, Connections and Landscape, Prentice-Hall, New Jersey, 1995.



महाराष्ट्रातील सर्व विद्यापीठांच्या पदवी वर्गातील 'भूगोल' या विषयासाठी उपयुक्त.
सावित्रीबाई फुले पुणे विद्यापीठाच्या एफ.वाय.बी.ए. नविन अभ्यासक्रमानुसार क्रमिक पुस्तक
तसेच MPSC, UPSC, NET-SET व इतर स्पर्धा परीक्षासाठीही उपयुक्त.



प्राकृतिक व मानवी भूगोल

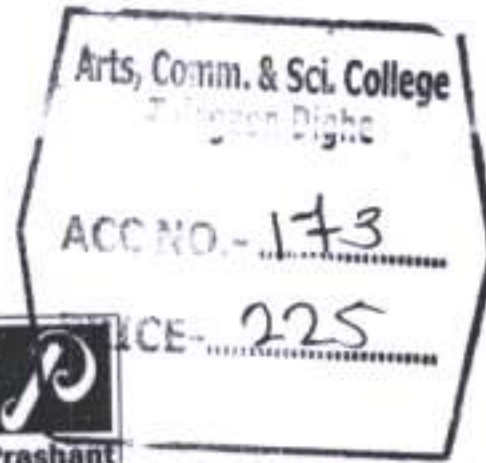
PHYSICAL AND HUMAN GEOGRAPHY



डॉ. गणेश चव्हाण डॉ. वसुदेव साळुंके
भूगोल विभाग प्रमुख, के.जे. सोमैया कला, भूगोल विभाग, के.जे. सोमैया कला,
वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव. वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव.

डॉ. रघुनाथ नजन प्रा. आकाश सोनवणे
सदस्य, भूगोल अभ्यास मंडळ, भूगोल विभाग, के.जे. सोमैया कला,
सावित्रीबाई फुले पुणे, विद्यापीठ, पुणे. वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव.

प्रा. शरद मंडलिक
भूगोल विभाग, के.जे. सोमैया कला,
वाणिज्य व विज्ञान महाविद्यालय, कोपरगाव.



प्रशांत पब्लिकेशन्स



S.Y.B.A. Geography (G2) Syllabus for Semester III**Name of Subject: Environment Geography- I, Subject Code: Gg.210 (A)****Objectives:**

1. To create the awareness about dynamic environment among the student.
2. To acquaint the students with fundamental concepts of environment geography for development in different areas.
3. The students should be able to integrate various factors of Environment and dynamic aspect of Environmental geography.
4. To make aware the students about the problems of environment , their utilization and conservation in the view of sustainable development

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Introduction to Environmental Geography	<ol style="list-style-type: none"> 1. Definition, Nature and scope of Environmental Geography. 2. Types of Environment 3. Importance of Environmental Geography 4. Approaches to study of environmental Geography 	12	03
2	Ecosystem	<ol style="list-style-type: none"> 1. Meaning, concept and definition of ecosystem. 2. Structure (Biotic and Abiotic factors) and food chain, Tropic Level, food web, energy flow 3. Types of ecosystem <ol style="list-style-type: none"> a) Equatorial Forest and b) Pond Ecosystem 	12	
3	Biodiversity and its conservation	<ol style="list-style-type: none"> 1. Concept of biodiversity 2. Economic value and potential of biodiversity 3. Loss of biodiversity and hotspots in India 4. Conservation of biodiversity 	12	
4	Environmental Pollution	<ol style="list-style-type: none"> 1. Concept of Pollution 2. Air pollution-Causes, effects and control measures 3. Water pollution-Causes, effects and control measures 4. Soil pollution-Causes, effects and control measures 	12	

Reference Book:

1. Miller G.T., 2004, Environmental Science Working with the Earth, Thomson Books Cole, Singapore
2. Saxena H.M., 2017, Environmental Geography(Ed III), Rawat Publications, Jaipur
3. Odum E.P. et al.2005, Fundamentals of Ecology, Ceneage Learning, India



Semester II
Paper No-IV

Introduction to Human Geography

Course no :Gg121

No. ofCredits:2 No. of Periods:30

Sr. No	Unit	Sub-Units	No. of Periods
1	Introduction of Human Geography	a) Definition and meaning of Human Geography b) Branches of Human Geography c) Nature and scope of Human Geography d) Importance of Human Geography	06
2	Human Evolution and Races	a) Stages of human evolution. b) Meaning and definition of human race c) Bases of human race d) Griffith Taylor's theory of human race e) Pure and Mixed Races	08
3.	Man and Environment	a) Human life in cold region- ESKIMO i) Location ii) Geographical environment iii) Physical traits iv) Food & clothing v) Economic activity b) Human life in hot region - PYGMY i) Location ii) Geographical environment iii) Physical traits iv) Food & clothing v) Economic activity	08
4.	Economic activities of Man	a) Primary activities: Hunting, Fishing, gathering, farming, Lumbering, Pasturing and Mining. b) Secondary activities: manufacturing, Processing ,construction and infrastructure industry c) Tertiary activities: Trade, Transportation, Communication, Banking, Entertainment and Tourism d) Quaternary activities: Information and technology, Scientific research, High-tech software based activities e) Quinary activities: Government decisions	08

References:

Bergwan, Edward E: Human Geography; Culture, Connections and Landscape, Prentice-Hall, New Jersey, 1995.

CBSE: 2020-21

S.Y.B.A.

Geography

4. Sharma P.D.2015, Ecology and Environment, Rastogi Publications, Meerut
5. Kormondy, Edward J, 2012, Concept of Ecology, PHI Learning Pvt.Ltd, New Delhi
6. Singh R.B.(Eds) 2009, Biogeography and Biodiversity, Rawat Publications, Jaipur
7. Singh S, Prayag, 1997, Environment Geography, Pustak Bhawan, Allahabad
8. Chandana R.C.2002, Environmental Geography, Kalyani Publication, Ludhiana
9. Goudie A, 2001, The Nature of The Environment, Blackwell, Oxford
10. Gholap T. N., 2000, Environment Science, Nishikant Publications, Pune. (Marathi)
11. Choudhar A.H., & et. al., 2014, Disaster Management, Atharva Publication, Pune. (Marathi)
12. Musmade A. H., More J. C. 2014, Geography of Disaster Management, Diamond Publication, Pune. (Marathi)
13. Saptarshi P. G., More J. C., Ugale V. R., 2009, Geography and Natural Hazards, Diamond Publishing, Pune. (Marathi)

S.Y.B.A. Geography (G2) Syllabus for Semester IV

Name of Subject: Environment Geography- II, Subject Code: Gg.210 (B)

Objectives:

1. To create awareness about dynamic environment among the students.
2. To acquaint students with the fundamental concepts of Environment Geography.
3. To acquaint students about the past, presents and future utility and potentials of natural resources.
4. To make aware students about the problems of environment, its utilization and conservation in the view of sustainable development.

Sr. No.	Topic	Sub Topics	Teaching Hours	Total Credits
1	Environmental Disaster	1. Meaning and concepts of environmental disaster 2. Classification of Disaster 3. Natural Disaster a) Earthquake b) Flood 4. Biological Disaster a) Swine flu b) Novel Corona (COVID-19)	12	03



CBSE: 2020-21**S.Y.B.A.****Geography**

2	Environmental Problems	1. Global Warming and climate change 2. Ozone Depletion 3. Acid rain 4. Over use of chemical fertilizers, pesticides and insecticides	12	
3	Environmental Planning and Management	1. Need of Planning and Management 2. Micro, macro and meso level Planning and Management with reference to India 3. Environmental impact assessment	12	
4	Environmental Policies	1. Introduction of environmental policies 2. Environmental education in India 3. Kyoto Protocol	12	

Reference Book:

1. Miller G.T., 2004, Environmental Science Working with the Earth, Thomson Books Cole, Singapore
2. Saxena H.M., 2017, Environmental Geography, (III ED) Rawat Publications, Jaipur
3. Odum E.P. et al. 2005, Fundamentals of Ecology, Cengage Learning, India
4. Sharma P.D. 2015, Ecology and Environment, Rastogi Publications, Meerut
5. Kormondy, Edward J, 2012, Concept of Ecology, PHI Learning Pvt. Ltd, New Delhi
6. Singh R.B. (Eds) 2009, Biogeography and Biodiversity, Rawat Publications, Jaipur
7. Singh S, Prayag, 1997, Environment Geography, Pustak Bhawan, Allahabad
8. Chandana R.C. 2002, Environmental Geography, Kalyani Publication, Ludhiana
9. Goudie A, 2001, The Nature of The Environment, Blackwell, Oxford
10. Gholap T. N., 2000, Environment Science, Nishikant Publications, Pune. (Marathi)
11. Choudhar A.H., & et al., 2014, Disaster Management, Atharv Publication, Pune (Marathi)
12. Musmade A. H., More J. C. 2014, Geography of Disaster Management, Diamond Publication, Pune. (Marathi)
13. Saptarshi P. G., More J. C., Ugale V. R., 2009, Geography and Natural Hazards, Diamond Publishing, Pune. (Marathi)



Semester II

Paper V

Population and Settlement Geography

Course-no : Gg 122 No. of Credits: 2 No. of Periods:30

Sr. No	Unit	Sub-Units	No. of Periods
1	Introduction	a) Definitions, nature and scope of Population Geography b) Sources of Population Data: Census, National Sample Survey and other Sources	07
2	Population Dynamic	a) Determinates of Distribution and Density of Population b) Distribution of Population - World c) Population Growth- Global & Indian Trend d) Demographic Transition Theory (DTM) e) Demographic Composition: Age, Gender and Literacy	09
3.	Settlements	a) Definition, Nature and Scope of Settlement Geography b) Types and Pattern of Rural Settlement	06
4.	Classification of Urban Settlements	a) Classification of Urban settlements b) Concept of Urbanization c) Trends and Patterns of World urbanization	08

References:

Beaujeu-Garnier, J. : Geography of Population (Translated by Beaver, S.H.) Longmans, London,

Census of India 2011 Series-I India Provisional Population Totals. Published by Registrar General & Census Commissioner, India, 2011.

Census of India, 2011 India : A State Profile Published by office of the Registrar General of India, Census Operations, New Delhi.

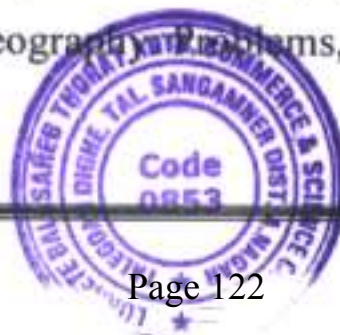
Chandna, R.C. : Geography of Population: Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi, 2000.

Chandna, R.C. Population Geography Kalyani Publishers, New Delhi, 2010

Clark J.1: Population Geography, Permagon Press, New York, 1965.

Sundram K.V. & Nangia Sudesh, (editors): Population Geography, Heritage Publishers, Delhi, 1986.

Peters: G.L. and Larkim R.P: Population Geography: Problems, Concepts and Prospects Kendele-Hunt Iowa, 1979.



Semester V

Geography of Disaster Management-I CCIE(No. of Credits: 03)

Objectives:

- 1) To introduce students the concept of disaster & its relation with Geography.
- 2) To acquaint the students with the utility & application of hazards in different areas & its management.
- 3) To make the students aware of the need of protection & disaster management.

Sr. No.	Topic	Learning Points	No. of Lectures
1	Concepts in disaster management.	a) Concept of management b) Aims and objectives c) Pre-disaster management and Post – disaster management	12
2	Introduction to hazards, disasters	a) Meaning and definition of Disasters b) Geographical conditions and disasters c) Classification of Disasters	12
3	Disaster management and measures	a) Structure of disaster management - Preparedness, Response, Recovery, Mitigation, Rehabilitation b) Standard operating procedure of management on government level c) Role of media	12
4	Climatic disasters and their management	a) Hail Storm & Cloud Burst a) Cyclones and Storms b) Droughts and Floods	12

- Alexander, D. (1993): Natural Disasters. UCL Press Ltd., London
- Bloom, A.L., 1998. Geomorphology. A Systematic Analysis of Late Cenozoic Landforms. Pearson Education (Singapore) Pte. Ltd.
- Chandna, R. C., 2000. A Geography of Population, Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi.
- Copola P Damon, 2007, Introduction to International Disaster Management
- Cuny, F. 1983, Development and Disaster, Oxford University Press.
- Govt. of India, 2005, Disaster Management Act Government of India, New Delhi.
- Hamblin, W.K., 1989. The Earth's Dynamic Systems, Macmillan Publishing Company, New York.
- Huggett, D.A., 2004. Fundamentals of Biogeography, Routledge.
- Kale, V.S. and Gupta, A., 2001. Introduction to Geomorphology, Orient Longman, Calcutta.
- Knox, P. and Agnew J., 1998. The Geography of the World Economy, Arnold, London.
- Lutgens, F.K. and Tarbuck, E.J., 2007. The Atmosphere. Prentice Hall, Englewood Cliffs, New Jersey, USA.
- Ross, D. A., 1988. Introduction to Oceanography. Prentice Hall, New Jersey.



Semester VI

T.Y.B.A. (Geography) Choice Based Credit System Syllabus
be implemented from Academic Year 2021-2022

Paper Code	Semester	Paper	Subject
Gg: 310(B)	VI	CC1F	Geography of Disaster Management-II OR Geography of Tourism -II
Gg: 320(B)	VI	DSE 1D	Geography of India -II OR Geography of rural development -II
Gg: 301(B)	VI	DSE 2D	Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report
(Value/skill based course)		SEC 2 D	Research Methodology – II

Semester VI

Geography of Disaster Management-II CC1F (No. of Credits: 03)

Sr. No.	Topic	Learning Points	No. of Lectures
1	Geological and Geomorphic disasters and their management	a) Earthquakes b) Landslides c) Tsunami	12
2	Anthropogenic disasters and their management	a) Deforestation b) Forest fire c) Soil degradation	12
3	Global Environmental issues	a) Global warming b) Ozone depletion c) Acid rain	12
4	Case Studies of disaster	a) Tsunami in Indian ocean -2004 b) Fukushima Nuclear disaster -2011 c) Kedarnath Cloud Burst -2013	12

Reference books:

- Alexander, D. (1993): Natural Disasters. UCL Press Ltd., London
- Bloom, A.L., 1998. Geomorphology. A Systematic Analysis of Late Cenozoic Landforms. Pearson Education (Singapore) Pte. Ltd.
- Chandna, R. C., 2000. A Geography of Population, Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi.



**LIST OF
CREDITSCOUR
SES FOR UG
PROGRAMME
(CIRCULAR)**



शैक्षणिक विभाग,
गणेशखिंड, पुणे-४११ ००७
दूरध्वनी क्र.: ०२०-२५६०१२५७/५८
ई-मेल : boards@pun.unipune.ac.in
संकेतस्थळ : www.unipune.ac.in

सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)

Savitribai Phule Pune University
(Formerly University of Pune)

Academic Section
Ganeshkhind, Pune-411 007
Phone: 020-25601257/58
E-mail: boards@pun.unipune.ac.in
Website: www.unipune.ac.in

संदर्भ क्र.: सी.बी.एस./५५९

दिनांक: ०५.१०.२०२०

परिपत्रक क्र.२६६/२०२०

विषय :- सर्व विद्याशाखांच्या पदवी अभ्यासक्रमाच्या द्वितीय वर्षास अनिवार्य असणा-या **Environmental Studies** या अभ्यासक्रमास विज्ञान व तंत्रज्ञान विद्याशाखेतर्गत विद्यापीठाच्या संकेतस्थळावर प्रसिध्द करणेबाबत...

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, सर्व विद्याशाखांच्या पदवी अभ्यासक्रमाच्या द्वितीय वर्षास अनिवार्य असणा-या **Environmental Studies** या अभ्यासक्रमास विज्ञान व तंत्रज्ञान विद्याशाखेतर्गत विद्यापीठाच्या संकेतस्थळावर प्रसिध्द करण्यास मान्यता देण्यात येत आहे.

सदरचा अभ्यासक्रम सावित्रीबाई फुले पुणे विद्यापीठाच्या www.unipune.ac.in या संकेत स्थळावर Syllabi या शीर्षकाखाली उपलब्ध आहे.

मा. प्राचार्य, सर्व संलग्न विज्ञान महाविद्यालये यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.


उपकुलसचिव



प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

- १) मा. अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा
- २) मा. संचालक, परीक्षा व मूल्यमापन मंडळ
- ३) मा. प्राचार्य, सर्व संलग्न विज्ञान महाविद्यालये
- ४) मा. उपकुलसचिव, शैक्षणिक प्रवेश विभाग
- ५) मा. उपकुलसचिव, नियोजन व विकास विभाग
- ६) मा. उपकुलसचिव, सभा व दफ्तर विभाग
- ७) मा. वरिष्ठ कायदा अधिकारी
- ८) मा. संचालक, आंतरराष्ट्रीय केंद्र
- ९) मा. उपकुलसचिव, जनसंपर्क अधिकारी
- १०) मा. अधिकारी, सिस्टीम ऑनॅलिस्ट डेटा प्रोसेसिंग युनिट
- ११) सहाय्यक कुलसचिव, शैक्षणिक पात्रता विभाग
- १२) सहाय्यक कुलसचिव, परीक्षा समन्वय कक्ष
- १३) सहाय्यक कुलसचिव, परीक्षा—एस. अँड टी. विभाग
- १४) सहाय्यक कुलसचिव, गोपनीय कक्ष
- १५) सहाय्यक कुलसचिव, मा. प्र—कुलगुरू कार्यालय
- १६) कक्षाधिकारी (बहिःस्थ)
- १७) प्रमुख, विद्यापीठ उपकेंद्र : अहमदनगर, नाशिक.



- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

Unit 7 : Human Communities and the Environment

- Human population growth: Impacts on environment, human health and welfare.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management : floods, earthquake, cyclones and landslides.
- Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

Unit 8 : Field work

- Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.
- Visit to a local polluted site—Urban/Rural/Industrial/Agricultural.
- Study of common plants, insects, birds and basic principles of identification.
- Study of simple ecosystems—pond, river, Delhi Ridge, etc.



ENVIRONMENTAL
STUDIES



पर्यावरण अध्ययन

Prashant

- डॉ. पोपट कुदर
- डॉ. शैलेश निकम
- डॉ. बाबासाहेब वाणी
- डॉ. नितीनकुमार पाटील





४.६.१ भारतातील नामशेष होण्याच्या मार्गावरील प्रजाती
(Endangered Species of India)

४.६.२ भारतातील प्रदेशनिष्ठ प्रजाती
(Endemic Species of India)

४.७ जैवविविधतेला धोका
(Threats to Biodiversity)

४.७.१ निवासक्षेत्राची/अधिवासाची हानी (Loss of Habitat)

४.७.२ वन्यजीवांची अवैध शिकार (Poaching of Wildlife)

४.७.३ मानव-वन्य जीव संघर्ष (Man - Wild Life Conflicts)

४.७.४ जैविक आक्रमणे (Biological Invasions)

४.८ जैवविविधतेचे संवर्धन : स्वस्थानी/मुलस्थानी संवर्धन, अन्यस्थानी/परस्थानी संवर्धन
(Conservation of biodiversity : In-situ and Ex-situ Conservation of Biodiversity)

४.९ परिसंस्था आणि जैवविविधता सेवा : परिस्थितीकी मूल्य, आर्थिक मूल्य, सामाजिक मूल्य, नैतिक मूल्य आणि सौंदर्य मूल्य
(Ecosystem & Biodiversity Services : Ecological, Economic, Social, Ethical, Aesthetic and Informational Value)

५. पर्यावरणीय प्रदूषण
(Environmental Pollution)

५.१ पर्यावरणीय प्रदूषण : हवा, जल, मृदा, ध्वनीप्रदूषण - कारणे, परिणाम आणि प्रतिबंधात्मक उपाय
(Environmental Pollution : Types, Causes, Effects and Controls; Air, Water, Soil and Noise Pollution)

५.१.१ हवाप्रदूषण : कारणे, परिणाम आणि प्रतिबंधात्मक उपाय
(Air Pollution : Causes, Effects, Control Measures)

५.१.२ जलप्रदूषण, कारणे, परिणाम आणि प्रतिबंधात्मक उपाय
(Water Pollution ; Causes, Effects, Control Measures)

५.१.३ मृदाप्रदूषण : कारणे, परिणाम आणि प्रतिबंधात्मक उपाय
(Soil Pollution : Causes, Effects, Control Measures)

६. पर्यावरणीय धोरणे व कार्यवाही
(Environmental Policies and Practices)

६.१ हवामान बदल (Climate Change)

६.२ जागतिक तापमान वाढ (Global Warming)

६.३ ओझोन क्षय (Ozone Depletion)

६.४ आम्ल पर्जन्य (Acid Rain)

६.५ पर्यावरण विध्वंसक कायदे (Environmental Laws)

६.५.१ पर्यावरण संरक्षण कायदा (१९८६)
(Environmental Protection Act - 1986)

६.५.२ हवा प्रदूषण प्रतिबंध व नियंत्रण कायदा (१९८१)
(Air Pollution Prevention and Control Act - 1981)

६.५.३ पाणी प्रदूषण प्रतिबंध व नियंत्रण कायदा (१९७४)
(Water Pollution Prevention and Control Act)

६.५.४ वन्य जीव संरक्षण कायदा (१९७२)
(Wild Life Protection Act - 1972)

६.५.५ जंगल संवर्धन कायदा (१९८०)
(Forest Conservation Act - 1980)

६.६ आंतरराष्ट्रीय करार (International Agreements)

६.६.१ मॉन्ट्रियल करार (Montreal Protocol)

६.६.२ क्योटो करार / क्योटो प्रोटोकॉल (Kyoto Protocol)

६.७ निसर्ग राखीव

(Nature Reserve)

६.८ आदिवासी लोकसंख्या / जमाती व त्यांचे हक्क

(Tribal Population and Rights)

६.९ मानव - वन्यजीव संघर्ष

(Human Wildlife Conflicts)

७. **मानवी समुदाय आणि पर्यावरण** २४१

(Human Communities and the Environment)

७.१ **मानवी लोकसंख्यावाद : पर्यावरणावरील प्रभाव, मानवी आरोग्य व कल्याण**

(Human population growth: Impacts on environment, human health and welfare)

७.२ **प्रकल्पग्रस्तांचे पुनर्वस्तीकरण आणि पुनर्वसन : घटना चिकित्सा**

(Resettlement and rehabilitation of project affected persons: case studies)

७.३ **आपत्ती व्यवस्थापन : पूर, भूकंप, चक्रीवादळे आणि भूमिपत**

(Disaster management: floods, earthquake, cyclones and landslides)

७.४ पर्यावरणीय चळवळी : चिपको, सायलेंटवॅली, राजस्थानातील बिष्णोई

(Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan)

७.५ पर्यावरणीय नीति : पर्यावरण संवर्धनातील भारतीय आणि इतर धर्म व संस्कृती यांची भूमिका

(Environmental ethics : Role of Indian and other religions and cultures in environmental conservation)

७.६ पर्यावरणीय संज्ञापन आणि जनजागृती, दिल्ली शाहरातील कॉम्प्रेस्ड नॅचरल गॅसचा वापर

(Environmental communication and public awareness, case studies of CNG vehicles in Delhi)

८. **क्षेत्र कार्य**

(Field Work)

८.१ प्रस्तावना

(Introduction)

८.२ क्षेत्रीय कार्याचे महत्त्व व आवश्यकता

(Importance and Need of Field Work)

८.३ क्षेत्रीय अभ्यासाचे टप्पे

(Stages of Field Study)

८.४ क्षेत्र अभ्यासाची मांडणी किंवा प्रकल्प अहवाल लेखन

(The Text of Field Study or Work)

८.५ क्षेत्रीय कार्य प्रकल्पासाठी आवश्यक कौशल्ये

(Skills Required for Field Work Project)

८.६ पर्यावरणीय ठेवा / वैभवाचा दस्तऐवज तयार करण्यासाठी आयोजित

केलेल्या क्षेत्र भेटी : नदी / जंगल / वनस्पती / प्राणी प्रजाती

(Visit to a Local Area to Document Environmental Assets

: River Forest / Flora / Fauna)

८.७ स्थानिक रक्षित स्थळास भेट - शहरी / ग्रामीण / औद्योगिक / शेती

(Visit to a Local Polluted Site - Urban/Rural/Industrial/

Agricultural)

८.८ सामान्यात आढळणाऱ्या वास्तवी, कीटक व पक्षी यांचा अभ्यास

आणि त्यांची ओळख पटविण्याची मुलतत्त्वे

(Study of Common Plants, Insects, Birds and Basic

Principles of Identification)

८.९ साध्या परिसंस्थांचा अभ्यास : तलाव परिसंस्था, नदी परिसंस्था,

दिल्ली डोंगरांग

(Study of Simple Ecosystem : Pond/River/Delhi Ridge)

संदर्भ ग्रंथसूची ३०९



६.१ मानव - वन्यजीव संघर्ष (Human - Wildlife Conflicts)

भारत हा खंडप्रायः देश असल्यामुळे भारतात भूपृष्ठ रचना, वनस्पती तसेच हवामान यासारख्या घटकांत विविधता आढळते. त्यामुळेच भारतात विविध प्रकारचे प्राणीजीवन विपुल प्रमाणात आढळते. त्यामध्ये वाघ, सिंह, चित्ता, गेंडा, गवा, सांबर, काळवीट, नीलगाय, तरस, अस्वल, रानडुकरे, कोल्हे, लांडगे, माकड यासारख्या अनेक वन्य प्राण्यांचा समावेश होतो. हे सर्व वन्यजीव आपापल्या अधिवासात म्हणजेच जंगलात संचार करत आपापले जिवन आपापल्या पद्धतीन जगतांना आढळतात. मुळातच वन्य प्राणी स्वतःहून मानवी वस्तीपासून दूर राहणेच पसंत करतात. त्यामुळे शक्यतो ते मानवाच्या वाटेला जात नाही. प्राण्यांच्या अन्नामध्ये मानवाचा समावेश नाही. पण प्राणी ज्या वेळेस अन्न, आश्रयस्थान किंवा प्रजननासाठी बाहेर पडतो. त्यावेळी त्याच्या अधिवासाभोवती असलेल्या मानवाशी संपर्क येतो. ते दोघेही एकमेकांचे भय बाळगून असतात. मात्र अलीकडील काळात वन्यजीव मानवी वस्ती पर्यंत पोहोचत असल्याचे दिसत आहे. तसेच यातील काही प्राण्यांची स्वतःच्या संरक्षणासाठी तसेच अन्नासाठी माणसांवर प्राणघातक हल्ले करण्यापर्यंत मजल गेली आहे. त्यातूनच मानव व वन्य प्राणी यांच्यात संघर्ष निर्माण होताना दिसतो.

मानव व त्याच्या आजूबाजूचे वन्यजीव यांच्यातील संघर्ष अगदी पूर्वीपासून चालत आलेला आहे. दोघेही आपल्या जीवन अस्तित्वासाठी संघर्ष करतात. मानव गुहेत राहत असताना आपल्या उदरनिर्वाहासाठी वन्य-जीवांवरच अवलंबून होता. त्यामुळे मानव अन्नासाठी वन्यजीवांची शिकार करत असे. त्यातून मानव व वन्यजीव यांच्यात संघर्ष होत असे. मात्र हा संघर्ष नैसर्गिक स्वरूपाचा होता. तसेच तो मानवाच्या जगण्याचाच एक भाग होता. मात्र जसजसा मानवाचा विकास होत गेला तसतशी मानवाची आयुधे आधुनिक होत गेली. त्यामुळे कोणत्याही वन्यजीवांना मानवाशी मुकाबला करणे अशक्य झाले. त्यामुळे वन्यजीवांचे अस्तित्त्व संपूर्णपणे मानवी इच्छेवर अवलंबून झाले आहे. त्यातूनच मानव व वन्यजीव यांच्यातील संघर्ष अगदी टोकाला पोहोचलेला दिसतो.

पूर्वीच्या काळी जंगले इतकी घनदाट होते की, माणसाला तेथे प्रवेश करणे शक्य होत नव्हते. त्यामुळे वन्यप्राणी आपापल्या अधिवासात म्हणजेच जंगलात सुखाने जगत होते. त्यांच्या जीवन जगण्याच्या पद्धतीत कोणाचाही हस्तक्षेप होत नसे. त्यामुळे मानव - वन्यजीव यांच्यात कमीत-कमी संपर्क आल्याने संघर्ष होत नव्हता. सर्वत्र विपुल वनसंपदा आणि भरपूर जैवविविधता असल्याने परिसंस्थेमध्ये वन्य प्राण्यांसाठी असलेल्या अधिवास, त्यांची जगण्याची जागा, अन्न पाण्याच्या

जरजा जंगलातच भागल्या जात होत्या व त्यातूनच अन्नसाखळीही पूर्ण होत त्यामुळे मानव - वन्यप्राणी हा संघर्ष जवळपास नव्हताच. मात्र विसाव्या शतकाच्या सुरुवातीस लोकसंख्येतील वाढ, बदलेले आर्थिक धोरणे, वाढत्या जमीनीचे वेगवेगळ्या प्रकल्पांसाठी झालेली जंगलतोड, जंगलामधून शेणारी रस्ते व जंगलातील वनवे, वृक्षसंघर्षनाचा अभाव, इंधनासाठी जळाऊ लाकडांचा वापर, इंगाराचे खाणिसाठी उत्खनन यामुळे वनक्षेत्रे कमी झाल्याने वाघ, हत्ती, गेंडे, अस्वल, गवे यासारख्या प्राण्यांना वनांमधून बाहेर पडावे लागते आणि मग ते उभ्या पिकाची नासाडी करतात. प्रसंगी जवळच्या वस्तीवर हल्ला करून माणसांना जखमी करतात तर कधीकधी ठार करतात. कारण येथे दोघांच्याही जीवन मरणाचा प्रश्न असू शकतो. याशिवाय अलीकडील काळात डोळे दिपवणारी लाइट्स, लांब पल्ल्याच्या बंदुका तसेच वन्य प्राण्यांपासून मिळणाऱ्या घटकांचा माणसांकडून सुरू झालेला व्यापार यामुळे मानव वन्य प्राण्यांच्या अधिवासापर्यंत पोहोचल्याने मानव व वन्यजीव यांच्यात संघर्ष सुरू झालेला आढळतो.

मानवाने आपल्या विकासासाठी निसर्गावर अतिक्रमण केले. जंगल आणि गाव यांच्यातील सीमा रेषा पुसट होऊ लागल्या. त्यामुळे वन्यजीवांना आपला अधिवास नेमका कोणता आहे? हे कळोनासे झाले आहे. शहरी भागातील जंगल उद्योगांनी बळकावले. जंगलातील हरिण, चितळ, रानडुकर यांची शिकार होऊ लागल्याने वाघ तसेच बिबट्यांना जंगलात खाद्य शिझक राहिले नाही. त्यामुळेच असे मांसाहारी वन्य प्राणी खाद्याच्या शोषार्थ गावाजवळ येऊ लागले आहेत. मांसाहारी प्राण्यांचे अन्न असलेले वन्य प्राण्यांचे प्रमाण कमी झाल्याने त्यांच्याकडून पाळीव प्राण्यांच्या शिकारीचे प्रमाण वाढले आहेत. यामध्ये गार्ड, म्हशी, बकऱ्या, डुकरे, कुत्रे यांची मोठ्या प्रमाणात वन्य जीवांनी शिकार केलेली आढळते. त्याच वेळी वन्यप्राण्यांचे स्वतःच्या बचावासाठी माणसावर आणि माणसांचे स्वतःच्या संरक्षणासाठी वन्य प्राण्यांवर हल्ले सुरू झाले आहे.

जंगलातील जलस्रोत लवकरच आटत असल्यामुळे पाण्याच्या शोषार्थ वन्यप्राणी गावाकडे येव घेऊ लागले आहे. जसजशा उन्हाळ्याच्या झळा वाढत जातात तसतसे वन्य शीव पाण्यासाठी वस्तीच्या परिसरात फिरू लागल्याने मानव - वन्यजीव संघर्ष अधिक तीव्र होऊ लागलेला आढळतो. थोडक्यात रानावनात वास्तव्य करणाऱ्या वन्य प्राण्यांचे जीवन अन्न-प्राणी तसेच अधिवासावाचून धोक्यात आल्याने त्यांनी मानवी वस्तीकडे अन्न, प्राणी, निवारा शोषण्यासाठी आपला मोर्चा वळविला आहे. त्यामुळेच वन्य प्राण्यांचे मानवी वस्तीवरील हल्ल्यात वाढ झालेली आढळते.



सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)

दूरध्वनी क्रमांक :

०२०-२५६२११५६

२५६०११५७

२५६०११६०



शैक्षणिक विभाग

गणेशखिंड, पुणे-४११ ००७

वेबसाइट : www.unipune.ac.in

ई-मेल : boards@pun.unipune.ac.in

संदर्भ क्र. : सीबीएच/ ७१३

दिनांक : १०/१२/२०२०

परिपत्रक क्र. ३४४/२०२०

विषय:- **Democracy, Election and Governance (2 Credits) U.G. Syllabus and Introduction to Constitution (2 Credits) P.G. Syllabus (Compulsory Add-on Audit Course for All Faculty)** या कोर्सच्या मार्गदर्शक तत्वांना मान्यता देणेबाबत.

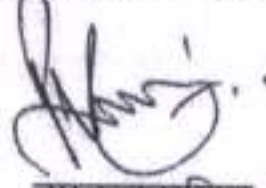
विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार कळविण्यात येते की, **Democracy, Election and Governance (2 Credits) U.G. Syllabus and Introduction to Constitution (2 Credits) P.G. Syllabus (Compulsory Add-on Audit Course for All Faculty)** या कोर्सच्या मार्गदर्शक तत्वांना मान्यता देण्यात येत आहे.

१. Introduction to Constitution हा दोन क्रेडिटचा कोर्स सर्व विद्याशाखेच्या Post Graduate कोर्सला शैक्षणिक वर्ष २०२०-२०२१ पासून तिसऱ्या सत्रात सुरू करण्यात यावा.
२. या कोर्ससाठीचे नियमन विद्यापीठातील विधी विभागाद्वारे करण्यात यावे.
३. सदरील कोर्सचे ऑनलाईन आशय तयार करण्याची जबाबदारी विधी विभागाने घेवून Online/Offline आशय वर विकसित करण्यात यावा.
४. सदरील कोर्स हा २ क्रेडिटचा असून २५ मार्क्स Internal व २५ मार्क्स External साठी असतील व त्याचे रूपांतर मार्क्स नुसार ग्रेड मध्ये करण्यात यावे.
५. Democracy, Election & Governance हा दोन क्रेडिटचा कोर्स सर्व विद्याशाखेच्या पदवी परीक्षेस प्रथम वर्षाच्या दुसऱ्या सत्रात शैक्षणिक वर्ष २०२०-२१ पासून सुरू करण्यात यावा.



६. या कोर्ससाठीचे नियमन प्रत्येक महाविद्यालयातील समाजशास्त्र किंवा राज्यशास्त्र विषयाचे प्राध्यापक यांच्या अध्यक्षतेखाली सदरील कोर्सचे नियमन करण्यात यावे.
७. सदरील कोर्समध्ये वेळोवेळी बदल Online/Offline आशय विकसित करणे याची जबाबदारी समाजशास्त्र अभ्यासमंडळाचे प्रमुख डॉ. श्रुती तांबे व राज्यशास्त्र अभ्यासमंडळाचे प्रमुख डॉ. बाल कांबळे यांनी पहावे.
८. Democracy Election & Governance हा दोन क्रेडिटचा कोर्स असून २५ मार्कस् हे Internal Assessment व २५ मार्कस् External Assessment साठी असतील व त्याचे रूपांतर मार्कस् नुसार ग्रेड मध्ये करण्यात यावे.
९. Democracy Election & Governance हा कोर्स सुरू करताना ज्या महाविद्यालयात समाजशास्त्र व राज्यशास्त्र विषय नाहीत, त्या महाविद्यालयात इतर विषयाच्या प्राध्यापकांना प्रशिक्षण देवून त्यांना जबाबदारी देण्यात यावी.

मा. प्राचार्य, सर्व संलग्न महाविद्यालये यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.


उपकुलसचिव
(शैक्षणिक विभाग)



प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

१. मा. अधिष्ठाता, मानवविज्ञान विद्याशाखा
२. मा. प्राचार्य, सर्व संलग्न कला महाविद्यालये
३. मा. संचालक, परीक्षा व मूल्यमापन मंडळ, सावित्रीबाई फुले पुणे विद्यापीठ
४. मा. संचालक, स्पर्धा परीक्षा केंद्र
५. मा. संचालक, (आंतरराष्ट्रीय केंद्र)
६. मा. प्रमुख, विद्यापीठ उपकेंद्र :अहमदनगर, नाशिक.
७. मा. उपकुलसचिव, परीक्षा (१,२)
८. सिस्टीम ऑनॅलिस्ट डेटा प्रोग्रेसिंग युनिट
९. मा. उपकुलसचिव, शैक्षणिक प्रवेश विभाग
१०. मा. उपकुलसचिव, नियोजन व विकास विभाग
११. मा. उपकुलसचिव, शैक्षणिक पात्रता विभाग
१२. मा. उपकुलसचिव (सभा व दफ्तर विभाग)
१३. मा. उपकुलसचिव (परीक्षा—एस.अॅण्ड टी.विभाग)
१४. मा. उपकुलसचिव, (कायदा व तक्रार निवारण विभाग)
१५. मा. उपकुलसचिव, जनसंपर्क अधिकारी
१६. मा. सहायक कुलसचिव (परीक्षा समन्वय विभाग)
१७. मा. सहायक कुलसचिव (गोपनीय कक्ष)
१८. मा. सहायक कुलसचिव (संलग्नता कक्ष)
१९. मा. सहायक कुलसचिव (मा. प्र—कुलगुरू कार्यालय)
२०. मा. कक्षाधिकारी (बहिःस्थ विभाग)

विद्यापरिषद ठराव क्र. — ब ५१ पीए/५१/२०२० दि. ०३.११.२०२०



SavitribaiPhule Pune University, Pune
For All faculties

**2 credit Compulsory course for all the First Year students in All
Faculties**

Democracy, Election and Governance

Objectives:

(Addressing (crosscutting
Human Value)

1. To introduce the students meaning of democracy and the role of the governance
2. To help them understand the various approaches to the study of democracy and governance

Module 1 Democracy- Foundation and Dimensions

- a. Constitution of India
- b. Evolution of Democracy- Different Models
- c. Dimensions of Democracy- Social, Economic, and Political

Module 2 Decentralization

- a. Indian tradition of decentralization
- b. History of Panchayat Raj institution in the lost independence period
- c. 73rd and 74th amendments
- d. Challenges of caste, gender, class, democracy and ethnicity

Module 3 Governance

- a. Meaning and concepts
- b. Government and governance
- c. Inclusion and exclusion

References:

1. Banerjee-Dube, I. (2014). *A history of modern India*. Cambridge University Press.
2. Basu, D. D. (1982). *Introduction to the Constitution of India*. Delhi: Prentice Hall of India.



3. Bhargava, R. (2008). *Political theory: An introduction*. Chennai: Pearson Education India.
4. Bhargava, R., & Vanaik, A. (2010). *Understanding Contemporary India: Critical Perspective*. New Delhi: Orient Blackswan.
5. Chandhoke, N., & Proyadardhi, P. (Ed.). (2009). *Contemporary India: Economy, Society, Politics*. Chennai: Pearson Education India.
6. Chandra, B. (1999). *Essays on contemporary India*. New Delhi: Har-Anand Publications Pvt Ltd.
7. Chatterjee, P. (1997). *State and Politics in India*. New Delhi: Oxford university Press.
8. Dasgupta, S., (Ed.). (2011). *Political Sociology*. Chennai: Pearson Education India.
9. Deshpande, S. (2003). *Contemporary India: A Sociological View*. New Delhi: Viking Publication.
10. Guha, R. (2007). *India After Gandhi: The History of the World's Largest Democracy*. New York: Harper Collins Publishers.
11. Guha, R. (2013). *Gandhi before India*. United Kingdom: Penguin publishers.
12. Jayal, N.G. (2001). *Democracy in India*. New Delhi: Oxford University Press.
13. Kohli, A. (1990). *Democracy and discontent: India's growing crisis of governability*. Cambridge University Press.
14. Kohli, A., Breman, J., & Hawthorn, G. P. (Ed.). (2001). *The success of India's democracy* (Vol. 6). Cambridge University Press.
15. Kothari, R. (1989). *State against democracy: In search of humane governance*. Delhi: Ajanta Publications.
16. Kothari, R. (1970). *Politics in India*. New Delhi: Orient Blackswan.
17. Kothari, R. (1995). *Caste in Indian politics*. New Delhi: Orient Blackswan.
18. Sarkar, S. (2001). Indian democracy and the historical inheritance. In A. Kohli (Ed.). *The Success of India's Democracy* (pp. 23-46). New York: Cambridge University Press.

मराठी संदर्भ ग्रंथ:

१. कसबे. रावसाहेब. (२०१०). *डॉ. आंबेडकर आणि भारतीय राज्यघटना*. पुणे: सुगावा प्रकाशन
२. भोळे. भा.ल. (२०१५). *भारतीय गणराज्याचे शासन आणि राजकारण*. नागपूर: पिंपळापुरे बुक प्रकाशन
३. राही श्रुती गणेश., आवटे श्रीरंजन, (२०१९), 'आपलं आयकार्ड', द युनिक अकॅडमी पब्लिकेशन प्रा.लि.,



४. व्होरा राजेंद्र., पळशीकर, सुहास.(२०१४). भारतीय लोकशाही अर्थ आणि व्यवहार. पुणऱ डायमड प्रकाशन.
५. सुमड, यशवड.(२०१ॢ). प्रा. यशवड सुमड याडडी तीन भाषणऱपुणऱ युनिक अँकडमी पब्लिकशन्स प्रा.लि





T.Y.B.A | Mandatory Course

GENERIC ELECTIVE COURSE (HUMANITIES)

Dr. Sambhaji B. Kale
Dr. Hamdani Rizwana M.J.

New Syllabus



T. Y. B. A. Generic Elective Humanities

1. Digital Literacy

- 1.1 What is Digital Literacy?
- 1.2 What is role of Digital literacy in professional life?
- 1.3 Trends and opportunities in using digital technology in workplace

2. Social Innovation

- 2.1 What is Social Innovation?
- 2.2 How to identify social problem?
- 2.3 Civic Action and Innovation

3. Social (Graduate)Entrepreneurship and Start Up

- 3.1 What is Social Entrepreneurship: Concept and Functions
- 3.2 What is impact of policies and programmes pertaining to enterprising activities?
- 3.3 What is Start Up?
- 3.4 How to conduct field survey for understanding society/ market?
- 3.5 How to prepare business plan and raising funding for project?

4. Civic Education

- 4.1 What are Fundamental Rights and Duties of Indian Citizens?
- 4.2 What is Social Justice?
- 4.3 What are the marginal sections within the Indian Society?
- 4.4 Role of Panchayat System

5. Digital Literacy:

5.1 Internet Basics and Introduction to MS Office tools:

- i. Paint
- ii. Office
- iii. Excel
- iv. PowerPoint

6. Understanding the marginal sections within the society: (Any 2 out of 3)

- 6.1. Visiting Slum Area around your locality.
- 6.2. Write a field work report narrating the problems faced by the people living in the locality.
- 6.3. Identify the specific government department concerning with the any specific problem e.g., Sanitation, Electricity, Public Food Distribution and visit the government authority to convey the problems.



7. Graduate Entrepreneurship and Start Up:

- 7.1. Visit the Centre for Innovation, Incubation and Linkage center in Savitribai Phule Pune University.
- 7.2. Write a detailed report explaining the innovation activities suitable for your residential area or any specific social problem in consultation of course teacher.

8. Your Responsibilities and Rights

A. Understanding Law Enforcement Agencies:

1. Identify the law enforcing authorities you came across in your everyday life.
2. Describe how these authorities work to implement the laws.
3. What are the responsibilities of individual citizens towards government authorities to cooperate with these agencies?
4. What are citizen's rights protected by the constitution of India?

OR

B. Understanding Social Inclusion and Discrimination:

1. What are the Public and Private spaces in your residential locality?
2. Are these places accessible to all individuals without discrimination?
3. Note down your observation and discuss in the class.

OR

C. Understanding Social Occupation:

1. Conduct a survey of your locality to understand the social occupation of the residents.
2. Interview any particular individual or group of individual to understand nature of their work.
3. Observe what are the factors affecting the occupation of people and opportunities available to them.
4. Discuss your observation in the class under the guidance of teacher.





Sahyadri Bahujan Vidya Prasarak Samaj
**LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,**

Talegoan Dighe Tal.Sangamner, Dist.Ahmednager – 422611
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS /101/2008)
<https://lbtcollege.in/>, Email - lbtcollege853@gmail.com / sbvpsacsctd@gmail.com



**LIST OF THE VALUE ADDED
AND CERTIFICATE COURSES
ADDRESS CROSSCUTTING
ISSUES**

07. Courses & Syllabus:-

SBVP SAMAJ'S
**LOKNETE BALASAHEB THORAT ARTS COMMERCE & SCIENCE
COLLEGE TALEGAON DIGHE.
•DEPARTMENT OF CHEMISTRY•**

CERTIFICATE COURSE: APPLICATION OF CHEMISTRY IN SCIENCE

Objective of the Course:

C Professional Ethics

- To acquire Conceptual knowledge, understanding and skill to solve problems .
- To develop basic understanding regarding application of chemistry in the students.
- To enhance their skills about application of chemistry .

SYLLABUS:

Chapter	Content	Lectures
1	<ul style="list-style-type: none">• Introduction: Definition of Chemistry, Need, uses & importance of chemistryA) Food Industry: Dairy Products, beverages, food artificial, food colourant, paints & pigments.	01 01
2	<ul style="list-style-type: none">B) Agriculture: Role of agriculture in chemistry, Chemical analysis of soil, Essential of fertilizers, Protection of plants.C) Medicinal Chemistry: Role of chemistry in laboratory, Clinical pharmacology.	01
3	<ul style="list-style-type: none">D) Biochemistry: Carbohydrates – Structure & Functions Vitamins – Classification & Nomenclature Drugs – Classification, Nomenclature, Types Soap & Detergents – Structure & method of use of soap & detergent.	02
4	<ul style="list-style-type: none">E) Polymer Chemistry – Types & Classification of polymers, Examples of polymer, Importance of polymer, Molecular weight of polymer & problems, Polymerisation technique in polymer chemistry.	01

Asker
IQAC CO-ORDINATOR

LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DIGHE,
TAL. SANGAMNER DIST. A. NAGAR



Principal
PRINCIPAL

LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

SBVP SAMAJ'S
**LOKNETE BALASAHEB THORAT ARTS COMMERCE & SCIENCE
 COLLEGE TALEGAON DIGHE.**
•DEPARTMENT OF CHEMISTRY•

Remedial Course (F.Y.B.Sc)

COURSE NAME: BASIC OF FUNDAMENTAL CHEMISTRY

(professional Etw's)

Sr No	Topic	Lectures (10)
1	Chemical Energetics: Laws of thermodynamics, definition of thermochemistry, Calculation of bond energy and bond dissociation energy, Gibb's energy, van't of equation.	02L
2	Mole Concept and Oxidation- Reduction- Determination of mole. Weight by gram molecular volume relationship, problems based on mole concept, Normality, Molarity. Oxidation- reduction.	03L
3	Ionic equilibrium: Electrolytic conductance, Faraday's law of electrolysis, transference and transference number, variation of conductance with concentration, effect on infinite dilution an other factors on conductance, inter ionic attraction theory of conductance.	04L
4	Colligative Property: Lowering vapour pressure of solvent, elevation of boiling point, freezing point lowering of solution, Osmosis and osmotic pressure, relation of osmotic and vapour pressure.	03L
5	Chemical Bonding: Various theories, covalent, hydrogen bonding and other weak interaction Atomic Chemistry- electromagnetism. Principles of Oxidation- reduction.	03L

Other
IQAC CO-ORDINATOR
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGAON DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR



Pravara
PRINCIPAL
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGAON DIGHE,
 TAL. SANGAMNER DIST. A.NAGAR

Department of Commerce
Certificate Course 2022-23

Addressing

Title - Certificate Course in Goods & Service Tax

Professional
Ethics

Credit - 2

Duration: 30th hours

Objective:

To Provide Knowledge About GST.

To Create Awareness About GST.

To Provide Practical Knowledge About GST.

Course Outcome-

- The Various Significance Concept in Understanding the Field Of GST.
- To make them to be a Tax Consultant in preparing the tax planning, tax management.

Course Duration - 1 Month.

Eligibility for Admission - HSC OR Equivalent Qualification

HOD

(Asst Prof.Aher R.B)

Aher

HEAD OF DEPT. COMMERCE
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DIGHE
TAL. SANGAMNER DIST. A.MAGAR

Co-Coordinator

Pathan

(Asst.Prof.Pathan.S.H)

(Asst.Prof.Bhagwat.P.N)



Pawar

Dr.D.D. Pawar

Principal

PRINCIPAL

LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGAON DIGHE,
TAL. SANGAMNER DIST. A.MAGAR

**Department of Commerce
Certificate Course -**

Title -Certificate Course in Goods & Service Tax

Syllabus

Course-Duration - 30 days (30 hours)

Unit	Topic	Sub topics	No. of Lectures
I	Introduction of GST	Understanding The basics of GST. GST Concept & Terminology GST Registration & compliance	06
II	GST Input Tax Credit & Invoice	Eligibility Conditions for availing Input tax Credit GST invoice requirement & documentation.	06
III	GST Returns & E-way Bill	*Filing GST Returns & various forms *Overview of the E-way Bill System for the movement of goods.	06
IV	GST Services & E-Commerce	*GST Implication on services & service provider * GST compliance for E-Commerce operation & online businesses	06
V	GST Audits & Anti Profiteering Rules	* Understanding GST Audits & assessments Overview of Anti Profiteering Rules & then impact of business	06

Scheme of Examination - Total - 50 marks
30 - Test, 20 Assignment, 10 oral.

- Books of Recommended.
- 6. 'GST Made Simple'; A Complete Guide of GST In India by pritam Mahure.
- 7. "GST IN INDIA" Law & practices by sanjay agrawal
- 8. 'GST Ready Reckoner' by V.S Datey.
- 9. 'GST Handbook'; For CA-Inter/ IPCC,CS Executive,CMA Inter, M.com,MBA By Raj Agrawal
- 10. GST; A Practice Approach by A.Kamal Garg

[Signature]



[Signature]

PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGLI DIST. A.MAHAR

HEAD OF DEPT. COMMERCE
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGLI DIST. A.MAHAR

Sr. No.	Unit	Sub topics	No. of Lectures
01.	1. Financial Planning & Literacy	1.1. Introduction of Financial literacy- 1.1.1. Concept of Financial literacy 1.1.2. Need of Financial literacy 1.1.3. Importance of Financial literacy 1.2. Various Financial Institutions - 1.2.1. Banks, Insurance Companies, post office, mobile app based service, 1.3. Financial planning - Need, Importance & Remedies of effective financial palnning.	10
02.	2. Financial Budgetting	2.1. Expenditure-types, ratio 2.2. Saving- types & Importance 2.3. Investment Concept & instruments 2.4. Management of debt	06
03.	3. Banking & Insurance	3.1 Intruduction Banking & Insurance 3.2 Insurance Service-Concept and Principles of Insurance .Benefits of Insurance. 3.3 Financial services from Indian Post. 3.4 New technologies and Initiatives in Banking.	06
04.	4. E-Banking and Digital Payment Instruments.	4.1.Types of Deposite accounts, Documentation 4.2. Digitalisation of Financial Transactions-Debit cards, ATM, Credit Cards, 4.3. Net-Banking - UPI, NPCI, BHIM, Phone-pe, digital wallets. 4.4. Security and precautions against online frauds.	08

Course Co-Ordinator:- 01) Asst.Prof. Kale N.N.

02) Asst.Prof. Nehe M.D.

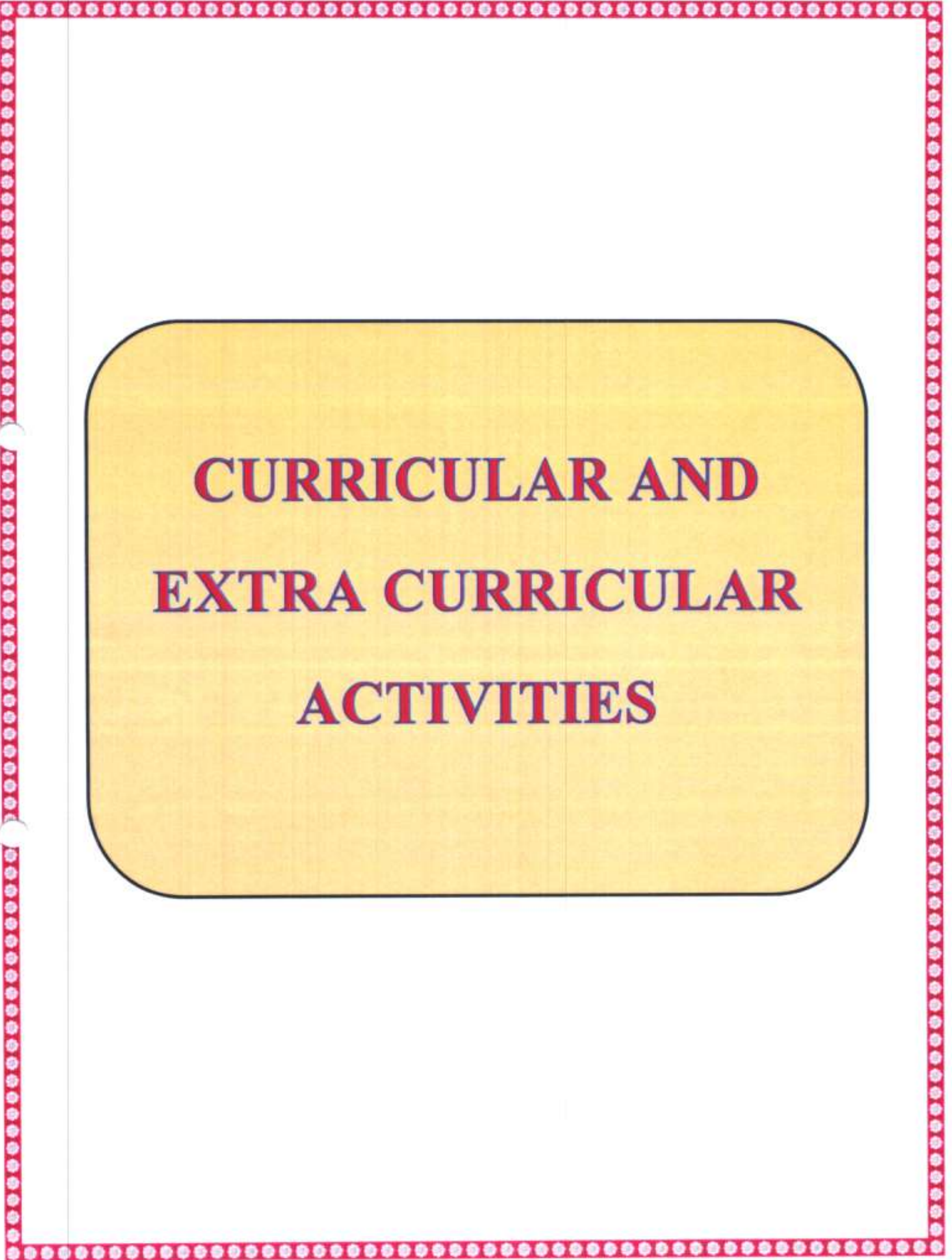

 HOD


 Principal

HEAD OF DEPT. ECONOMICS
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.MAGAR



PRINCIPAL
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A.MAGAR



**CURRICULAR AND
EXTRA CURRICULAR
ACTIVITIES**



Sahyadri Bahujan Vidya Prasarak Samaj
LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,
 Talegaon Dighe Tal.Sangamner, Dist.Ahmednager - 422611
 (Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS /101/2008)
<https://lbtcollege.in/>, Email - lbtcollege853@gmail.com / sbvpsacsctd@gmail.com



1.3.1. Activities Related to Cross-Cutting Issues

- 1) *Activities Related to "Professional Ethics."*
- 1) *Professional Ethics*



Guest Lecture on Placement and NAAC Accreditation. Ratikant Ray addressed faculty members on 31/10/2023.



Department of Commerce organized Professional Training Guidance program for commerce students.



Department of science organized Field visit on Dr.A.P. J Abdul Kalam Science center at Loni kh. dated 24/08/2022



Seminar on Consumerism and Financial Literacy. Guest Lecture on How to manage Money and be a Smart Investor (Dated-21/11/2022)





Dept of Social Science Organized Field Visit at Talegaon Gram panchayat. To understand the functions and management of Gram panchayat on dated 20/10/2023.



Mr. Pathan S.H. delivered the Class room Lecture on Business regulations and Ethics.

सस्नेह निमंत्रण
 नव मुवकांच्या यशस्वीतेच्या उज्वल भविष्यासाठी विद्यार्थी व पालकांसाठी प्रेरणादायी मार्गदर्शन



भारताचा विश्व
 मुख्य मार्गदर्शक
मा. श्री एन. बी. धुमाळ साहेब
 भारतीय सुप्रसिद्ध उद्योजक वक्ता आणि सैनिक अहमदनगर
 कार्यक्रमाचे अध्यक्ष
मा. डॉ. डी. डी. पवार
 प्राध्यापक, लोकनेते बाळासाहेब धोरात कला वाणिज्य व विज्ञान महाविद्यालय, तळेगाव दिघे.

दिनांक : १५-०३-२०२४, वेळ सकाळी ८.०० वाजता
 ठिकाण: सेमिनार हॉल लोकनेते बाळासाहेब धोरात कला वाणिज्य व विज्ञान महाविद्यालय, तळेगाव दिघे, ता. संगमनेर



Department of Economics and Library organized Guest Lecture on "The Way of Success" Hon.Mr.N.B.Dhumal Addressing students on 15/03/2024.





Department of Economics conducted live central Budget -2024.



Two-day workshop on "Financial Literacy. Sandip Gunjal delivered the lecture on 16th and 17th Jan 2024.



Dept of Economics and commerce Organized industrial Visit on Sangamner Sugar factory.



Dept of Economics and commerce Organized Field Visit on Sangamner Rajhans Milk and Aqua plant.





Sahyadri Bahujan Vidya Prasarak Samaj's
LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS /101/2008)
Talegoan Dighe Tal.Sangamner, Dist.Ahmednager - 422611
<https://lbtccollege.in/>, Email - lbtccollege853@gmail.com / sbypsacsctd@gmail.com

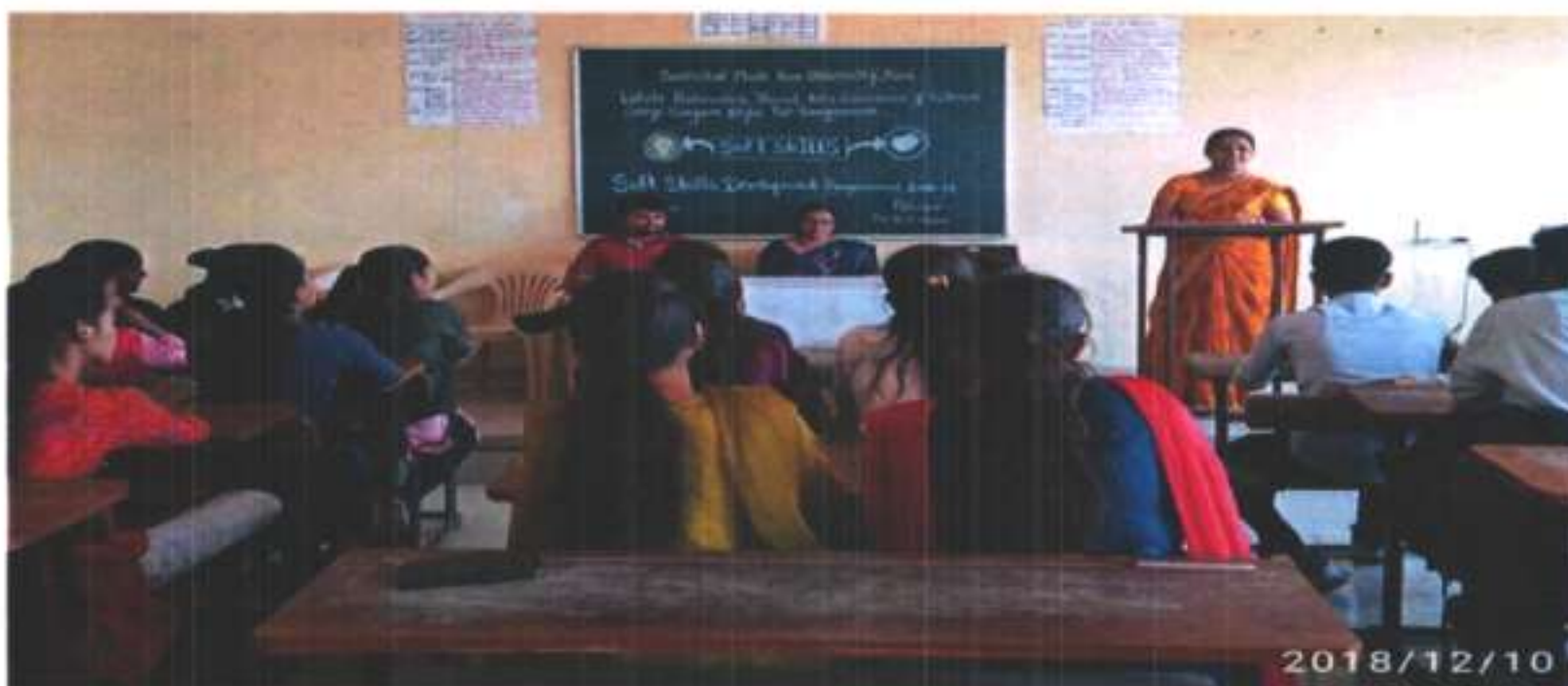


Soft Skill Development Program 2018-19

Inauguration of Soft Skill Development Program.



Asst.prof. Hase J.d Addressing Students on Spoken English





Sahyadri Bahujan Vidya Prasarak Samaj's
LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS/101/2008)
Talegoan Dighe Tal.Sangamner, Dist.Ahmednager - 422611
<https://lbcollege.in/>, Email - lbcollege853@gmail.com / shvpsacsctd@gmail.com



Soft Skill Development Program 2019-20

Asst.prof.Kale.N.N Addressing Students on Goal Setting





Sahyadri Bahujan Vidya Prasarak Samaj's
**LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,**
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS/101/2008)
Talegoan Dighe Tal.Sangamner, Dist.Ahmednager - 422611
<https://lbtcollege.in/>, Email - lbtcollege853@gmail.com / sbypsacsctd@gmail.com



Soft Skill Development Program 2022-23

Asst.prof.Wagh.A.S Addressing Students on Time Management



Asst.prof.Gunjel.S.B Addressing Students on Motivation





Sahyadri Bahujan Vidya Prasarak Samaj's
LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS/101/2008)
Talegoan Dighe Tal.Sangamner, Dist.Ahmednager - 422611
<https://lbcollege.in/>, Email - lbcollege853@gmail.com - shvpsacsctd@gmail.com



Soft Skill Development Program 2023-24



TWO DAYS WORKSHOP ON FINANCIAL LITERACY- 2023-24

Asst. Prof. Sandip Gunjal Addressing Students on Financial Literacy

Date - 16 and 17 Jan. 2024



Financial Literacy Workshop

थोरात महाविद्यालयात अर्थ साक्षरता कार्यशाळा

तळेगाव दिघे, ता. १९ :
संगमनेर तालुक्यातील तळेगाव
दिघे येथील लोकनेते बाळासाहेब
थोरात महाविद्यालयात आर्थिक
विभाग व विद्यार्थी विकास
मंडळाच्या वतीने आयोजित
आर्थिक साक्षरता कार्यशाळा
उत्सवात पार पडली. यात डॉ.
सचिन गुंजाळ यांनी आर्थिक
साक्षरतेबाबत मार्गदर्शन केले.

अध्यक्षस्थायी प्राचार्य डॉ.
दत्तात्रय पवार होते. राष्ट्रीय सेवा
योजना कार्यक्रमा अधिकारी डॉ.
राजेंद्र गायकवाड, प्रा. पुष्पा
भागवत, रामदास आहेंर, शक्ति
पठान, बाळासाहेब लावरे,



तळेगाव दिघे : थोरात महाविद्यालयात आर्थिक साक्षरतेबाबत
मार्गदर्शन करताना डॉ. सचिन गुंजाळ.

मच्छिंद्र नेहे, कविता कोटकर,
ज्योती हासे, नीलम काळे, शिल्पा
खालकर, संतोष गुंजाळ, दीपक
रणपिसे, प्रा. सुमित भडंगी,
जयश्री भागवत, स्वप्नाली
सौनवणे, योगिता राहणे, प्रा.
मोनाली बडे, उपस्थित होते.
डॉ. सचिन गुंजाळ यांनी

विद्यार्थ्यांना ज्ञान आणि
मुलवपूंक याबाबत काम करूंक
आहे. तसेच आर्थिक मुलवपूंक
करती महत्त्वाची आहे.
मुलवपूंकरीचे प्रकार, से.अर मार्केट,
म्प्युब्लुअल फंड टर्म प्लान, तसेच
अत्यावृत्त योजना याबाबत
मार्गदर्शन केले.



GPS Map Camera



Google

Talegaon Dighe, Maharashtra, India
P72R+H8W, Talegaon Dighe, Maharashtra 422611, India
Lat 19.701374°
Long 74.291104°
16/01/24 11:06 AM GMT +05:30



2) Activities Related to Gender Issues



Celebrate International Women's Day on 2021.



Our college organized HB and Health check-up programme for girls' students. On 18/10/2023



College SDO Department Organized "Self-defense and karate training programme" for girls students on 31/10/2023.



College girls students actively participated "Self-defense and karate training programme"





Talegaon Dighe, Maharashtra, India
 P72R+H8W, Talegaon Dighe, Maharashtra 422611, India
 Lat 19.701343°
 Long 74.291059°
 08/03/23 10:47 AM GMT +05:30

Celebrate International Women's Day on 2023. Dr. Minakshi Jondhale delivered the lecture on Women Health.

One day workshop on "Nirbhay Kanya Abhiyan. Hon. Dr. Hemlata Rathod addressing lecture on Women self- defense on 06/03/2024.



Celebrate International Women's Day on 2022. Dr. Swati Dange delivered the lecture on Women Health.

College students participated in International Women's Day on 2022.





College girls students draw Rangoli on theme of "Beti Bachao Beti Pathao." On 07/02/2024.



Arrange "Haldi-Kumkum" programme for rural women on the occasion of Hon. Balasaheb Thorat birthday.



Ad. Swati Gadakh delivered lecture on "Women Sexual Harassment and Anti Ragging"



Celebrate Savitribai Phule Jayanti at college on 03/01/2023.



SBVP's samaj Loknete Balasaheb Therasat arts. com
and sci college organized "Haldi-Kumkum
Samarabh." for Local women parents. 08/02/2022



Haldi-Kumkum Samarabh - for Rural women



on the occasion of Balasaheb Therasat birthday
arrange program for women parents.



Social Activity. 2023-24

Hon. Mr. Jayashri Tai Therat address urban women's



Haldi-Kumkum Samarambh.



Haldi-Kumkum Samarambh program organized by college N's.s. dept and women empowerment cell For wadzari b/k. women's



Anti-Ragging Cell - Karate Training and Self-Defense



Yoga and Karate Training

महविद्यालय, कले पुणे विद्यापीठ, पुणे

विद्यार्थी विकास मंडळ

व

म.ब.वि.प्र.समानाचे

लोकनेते बाळासाहेब थोरात कला, वाणिज्य व विज्ञान महाविद्यालय

तळेगाव दिग, ता. तळेगाव, जि. अहमदनगर
याचे संयुक्त विद्यमाने आयोजित

योग कार्यशाळा
तीन दिवसीय कार्यशाळा

दिनांक: ०५ ते ०७ मार्च २०२४

प्रमुख व्याख्याते

प्रा. मंगेश गुलाम
योग प्रशिक्षक
P.G.D.V.EI

प्रा. योगेश लक्ष्मि
योग प्रशिक्षक
M.P.E.G. SET, YOGA DEPLOMA

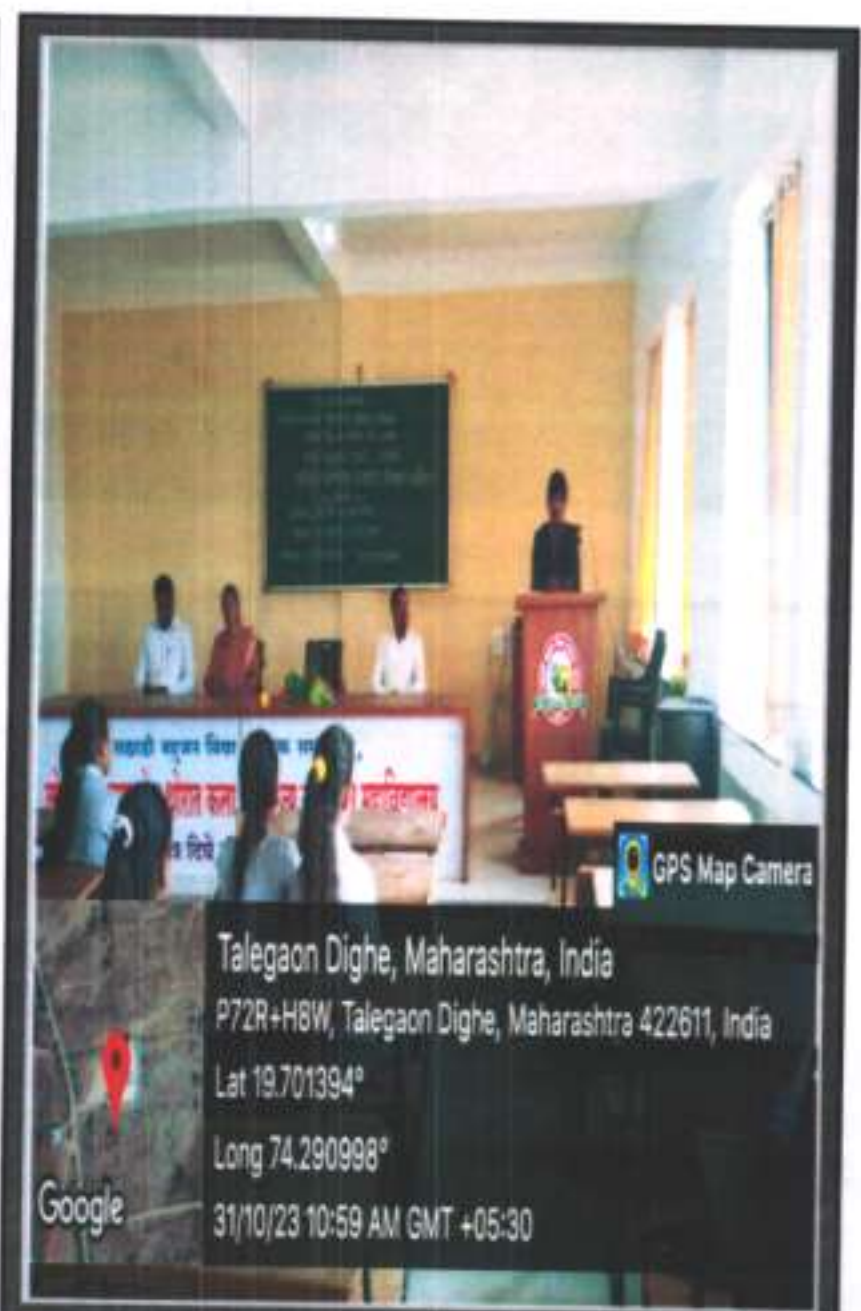
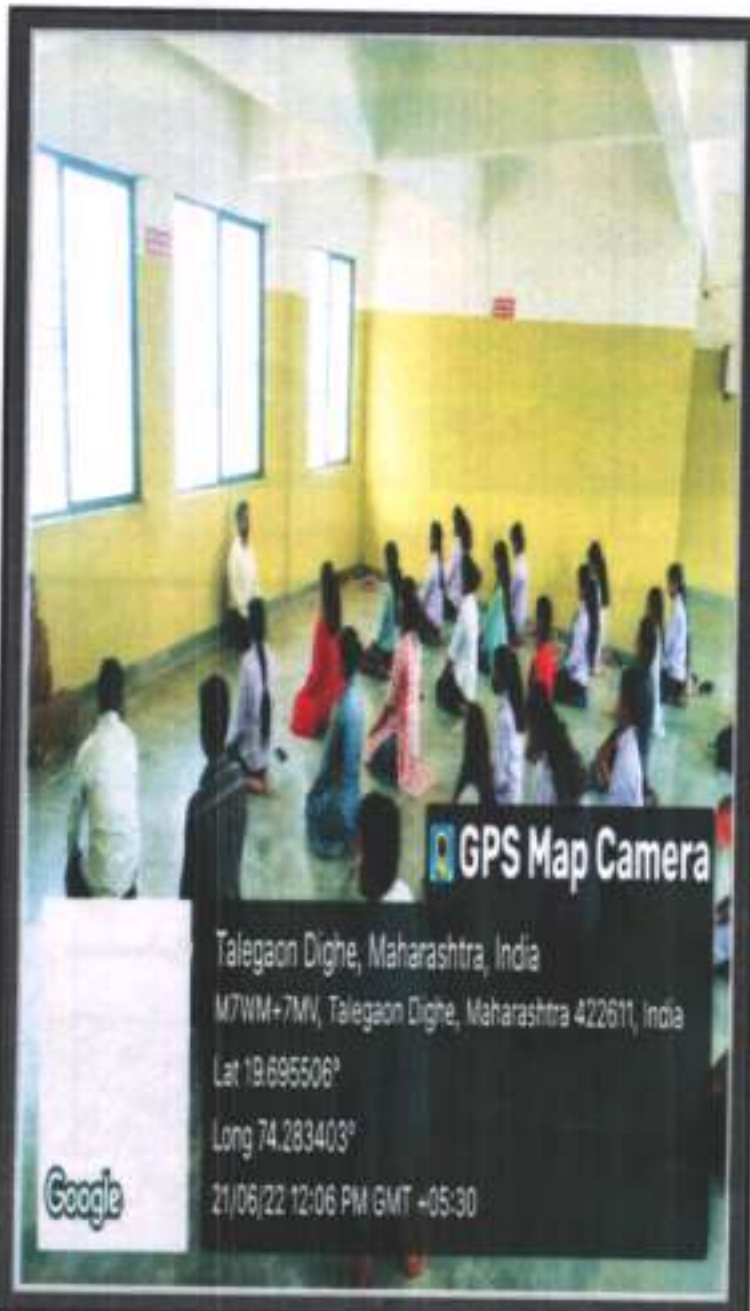
प्रा. सुरेश गळके
योग प्रशिक्षक M.Sc. YOGA DEPLOMA
DK SOPRIS CLUB, LONI

प्रा. मन्जिठ दिगे
कार्यालय अधीक्षक

प्रा. धूमरा भागवत
विद्यार्थी विकास अधिकारी

प्रा. रामदास आहिर
IQAC समन्वयक

प्रा. जी. जी. पवार
प्राचार्य



Yoga Training



3) Activities Related to Human Value :



EVM Machine awareness programme arrange at college on 28/12/2023.



College girls students actively participated in Rangoli Competition on theme of Social issues ON 07/02/2024.



INTER COLLEGE PISTOL -RAIFAL COMEPETETION ORGANESD BY COLLEGE ON 27/09/2023.



Voter Awareness Programme held at college. Mrs. Pimpale delivered lecture on voting process and awareness on 22/11/2023.



Nivruttinath Dindi (Nashik to Pandharpur) stay on college.



Mr.Aher Ramdas addressing students on occasion of "Prenadin" dated 12/01/2024.



Road Safety Abhiyan by college students at Talegaon Chouk-Nashik -Kolhar Road on 14/08/2023.



Celebrating and Honoring Ex-servicemen on Independence Day.





Voter Awareness Programme held at Wadzari Bk. by N.S.S students on National Voter Day 25/01/2024.



Hon. Jayashritai Thorat and college students taking oath on the occasion of National Voter's Day.



National Social Service Day celebrating at college by N.S.S Students. Mr. Baba Kharat addressed students on Social Responsibility dated 24/09/2023.



Hon. Prof. Upadhye Baburao addressing college students under Jaykar Lecture series on 09/10/2023.





talegaon Dighe, Maharashtra, India
Loknete Balasaheb Thorat Arts and Science college talegaon Dighe
Lat 19.684435°
Long 74.327308°
27/06/24 10:25 AM GMT +05:30

College students and staff fulfilled social responsibility by providing physical facilities for “ Payi Dindi of Nivruttinath Maharaj.” on dated 27/06/2024.



Unity Day





Chuncholi
Surav
विचोली
मुख

Deshmukh
राजणगांव
रेगमुख

Nannaj
Dumala
नाणज
दुमाला

Talegaon
Dighe
टालेगांव
दिगे

Nandur Shingote - Lonr State Hwy, Talegaon Dighe, Maharashtra 422611, India

Talegaon Dighe
Maharashtra
India

2022-02-21 (Mon) 09:46 (AM)

24°C
75°F

Google







Ahmednagar, MH, India
 Ahmednagar, Maharashtra 431001, India
 Lat 19.695506° Long 74.283403°
 18/10/2023 11:29 AM GMT +05:30



Talegaon Dighe, Maharashtra, India
 M7WM+7MV, Talegaon Dighe, Maharashtra 422611, India
 Lat 19.695506°
 Long 74.283403°
 18/10/23 01:48 PM GMT +05:30

सार्वमत

थोरात महाविद्यालयात मोफत आरोग्य तपासणी व रक्तदान शिबीर उत्साहात

तळेगाव दिवे (घातार्हा) - संगमनेर तालुक्यातील तळेगाव दिवे येथील लोकनेते बाळासाहेब थोरात कला, वाणिज्य व विज्ञान महाविद्यालयात थोरात स्वातंत्र्य सेनानी ट्रस्ट, भाऊसाहेब थोरात यांच्या जन्मशताब्दी निमित्ताने मेडिकल केंद्र हॉस्पिटल, एसएमबीटी दंत महाविद्यालय आणि अर्पण रक्तपेढी यांच्या संयुक्त विद्यमाने आयोजित मोफत आरोग्य तपासणी, दंत चिकित्सा तसेच रक्तदान शिबीर उत्साहात पार पडले.

तळेगाव दिवे येथील लोकनेते बाळासाहेब थोरात महाविद्यालयात आयोजित मोफत आरोग्य तपासणी, दंत चिकित्सा तसेच रक्तदान शिबीर उद्घाटन सहाय्यी बहुजन विद्या प्रसारक समाज शिक्षण संस्थेचे रजिस्ट्रार प्राचार्य बाबुराव गवांदे यांच्याहस्ते करण्यात आले. प्रसंगी जिल्हा सहकारी बँकेचे शाखाधिकारी चांगदेव हेपे, प्राचार्य डॉ. डी. डी. पवार, प्राचार्य एच. आर. दिवे, उपप्राचार्य राजेंद्र पानसरे, डॉ. संतोष गोडसे, प्रमीला कडलग, डॉ. भाग्यशी चौधरी, संतोष गोडसे, डॉ. सैद खलिब, अंजली भसरा, कविता पागी, राजू गुळवे, प्रा. रामदास आहरे, भच्छिंद्र दिवे,



तळेगाव दिवे येथील लोकनेते बाळासाहेब थोरात महाविद्यालयात रक्तदान शिबिराचे उद्घाटन करताना सहाय्यी शिक्षण संस्थेचे रजिस्ट्रार प्राचार्य बाबुराव गवांदे, समवेत पदाधिकारी.

डॉ. राजेंद्र गायकवाड, अविनाश बिन्हाडे उपस्थित होते.

बाबुराव गवांदे म्हणाले, सध्याच्या धकाधकीच्या जीवनात प्रत्येकाचे आपल्या आरोग्याकडे दुर्लक्ष होते. आपल्याकडे कितीही संपत्ती असली, मात्र आरोग्य चांगले जसेल तर त्याचा काही उपयोग होत नाही. शारीरिक आरोग्य हीच आपली खरी संपत्ती आहे. त्यासाठी सर्वांनी आरोग्य विषयक चांगल्या सवयी बाळगाव्यात. विद्यार्थ्यांनी आरोग्याकडे दुर्लक्ष न करता चांगल्या आरोग्यासाठी चांगल्या सवयी अंगिकाराव्यात, सकस आहार घ्यावा आणि नियमित

व्यायाम करावा. सुदृढ शरीर आणि चांगले आरोग्य हीच आपली संपत्ती असते. त्यासाठी जाणीवपूर्वक सर्वांनी आरोग्याची काळजी घ्यावी घेणे गरजेचे आहे.

बाबेळी चांगदेव हेपे, प्राचार्य एच. आर. दिवे यांनी विद्यार्थ्यांना मार्गदर्शन केले. प्रसंगी लोकनेते बाळासाहेब थोरात महाविद्यालय तसेच आयटीआय कॉलेज मधील तरुण-तरुणींनी उत्साहात रक्तदान केले. कार्यक्रमाचे प्रास्ताविक प्राचार्य डॉ. डी. डी. पवार यांनी केले. सूत्रसंचालन प्रा. रामदास आहरे यांनी केले. डॉ. राजेंद्र गायकवाड यांनी आभार मानले.



Marathi Language Day



Talegaon Dighe, Maharashtra, India
 P72R+H8W, Talegaon Dighe, Maharashtra 422611, India
 Lat 19.701394°
 Long 74.290998°
 27/02/21 09:59 AM GMT +05:30

Talegaon Dighe, Maharashtra, India
 P72R+H8W, Talegaon Dighe, Maharashtra 422611, India
 Lat 19.701394°
 Long 74.290998°
 01/01/22 10:14 AM GMT +05:30

पुस्तके माणसाला समृद्ध बनवितात - प्रा. डॉ. शेंडगे

तळेगाव दिघे (वातांतर) वाचनाचे माणसाचे अनुभवविश्व समृद्ध होते. आभासी जगव्यापासून प्राप्त होणारी अनुभवसंपन्नता वाचनाला वैचारिकदृष्ट्या प्रगल्भ बनविते. केवळ वाचनामुळे ज्ञानसंचित प्राप्त होऊ शकते. तलवारी पेशाची लखणीचे सामर्थ्य अधिक आहे. पुस्तके माणसाला समृद्ध बनवितात, असे विचार श्री मद्रुक गंगाीर महाराज महाविद्यालयाचे मराठी विभागाध्यक्ष प्रा. डॉ. बाबासाहेब शेंडगे यांनी व्यक्त केले.

संगमनेर तालुक्यातील तळेगाव दिघे येथील लोकनेते बाळासाहेब थोरात महाविद्यालयात आयोजित मराठी भाषा संवर्धन पंधरवडा कार्यक्रमात ते बोलत होते. अध्याक्षर्यांनी महाविद्यालयाचे प्राचार्य डॉ. एकनाथ डोणे होते. सगळी न्यू इंग्लिश स्कूल व कॉनिष्ठ

लोकनेते बाळासाहेब थोरात महाविद्यालयात आयोजित मराठी भाषा संवर्धन पंधरवडा कार्यक्रमात बोलताना प्रा. डॉ. बाबासाहेब शेंडगे, व्यासपीठावर पदाधिकारी दिसत आहेत.

महाविद्यालयाचे प्राचार्य हरिभाऊ दिघे, जिल्हा माध्यमिक शिक्षक सोसायटीचे उपाध्यक्ष चांगदेव खेमनर, चंद्रनेश्वर माध्यमिक विद्यालयाचे उपप्राचार्य कैलास रहाणे, राहुल बोरुडे, उपप्राचार्य राजेंद्र पानसर, प्रा. डॉ. बाळासाहेब लखरे, डॉ. राजेंद्र मायकवाड, प्रा. संदीप तपासे, प्रा. रामदास आगर, प्रा. कविता कोटकर, प्रा. नीलम काळे, प्रा. पुष्पा भागवत उपस्थित होते. प्रा. डॉ. शेंडगे म्हणाले,

महाराष्ट्र ही संतांची भूमी असल्याने त्यांची नावे आपणाला माहिती असायला हवीत. सध्या करमणुकीच्या साधनांचा अतिरेकी वापर सुरू आहे. जीवनात वैचारिक श्रमती महत्त्वाची असते. विद्यार्थ्यांनी ज्ञानरूप बनण्यासाठी वाचन संस्कृती जीवनासाठी व मातृभाषेचा अभिमान बाळगावा.

प्राचार्य डॉ. डोणे म्हणाले, व्यक्तिमत्त्वावर समाज माध्यमांचा प्रचंड मारा होत आहे.

टेलीव्हिजनपासून ते मोबाईल अशी अनेक माध्यमे आपल्या दिमतीला हजर आहेत. त्यामुळे वाचनसंस्कृती नाहीशी होऊन की कदा अशी स्थिती निर्माण झाली आहे.

प्रसंगी प्राचार्य हरिभाऊ दिघे यांनी मनोगत व्यक्त केले. प्रस्ताविक प्रा. संदीप तपासे यांनी केले. सूत्रसंचालन डॉ. राजेंद्र मायकवाड यांनी केले. प्रा. डॉ. बाळासाहेब लखरे यांनी आभार मानले.

महाराष्ट्र राज्य शासन शिक्षण विभाग, संगमनेर तालुका, तळेगाव दिघे, ता. संगमनेर जि. अहमदनगर.

लोकनेते बाळासाहेब थोरात कला, वाणिज्य व विज्ञान महाविद्यालय

तळेगाव दिघे, ता. संगमनेर जि. अहमदनगर.

M7XW+7M2, Talegaon Dighe, Maharashtra 422611, India

Talegaon Dighe
Maharashtra
India

2022-09-14(Wed) 11:19(AM)

25°C
77°F



Road Safety Rally



Road Safety- Awareness Drive -

12/01/2023



College students actively participated in Road safety Drive at - Talegaon Chouk.



Road Safety Awareness Drive.

14/08/2023

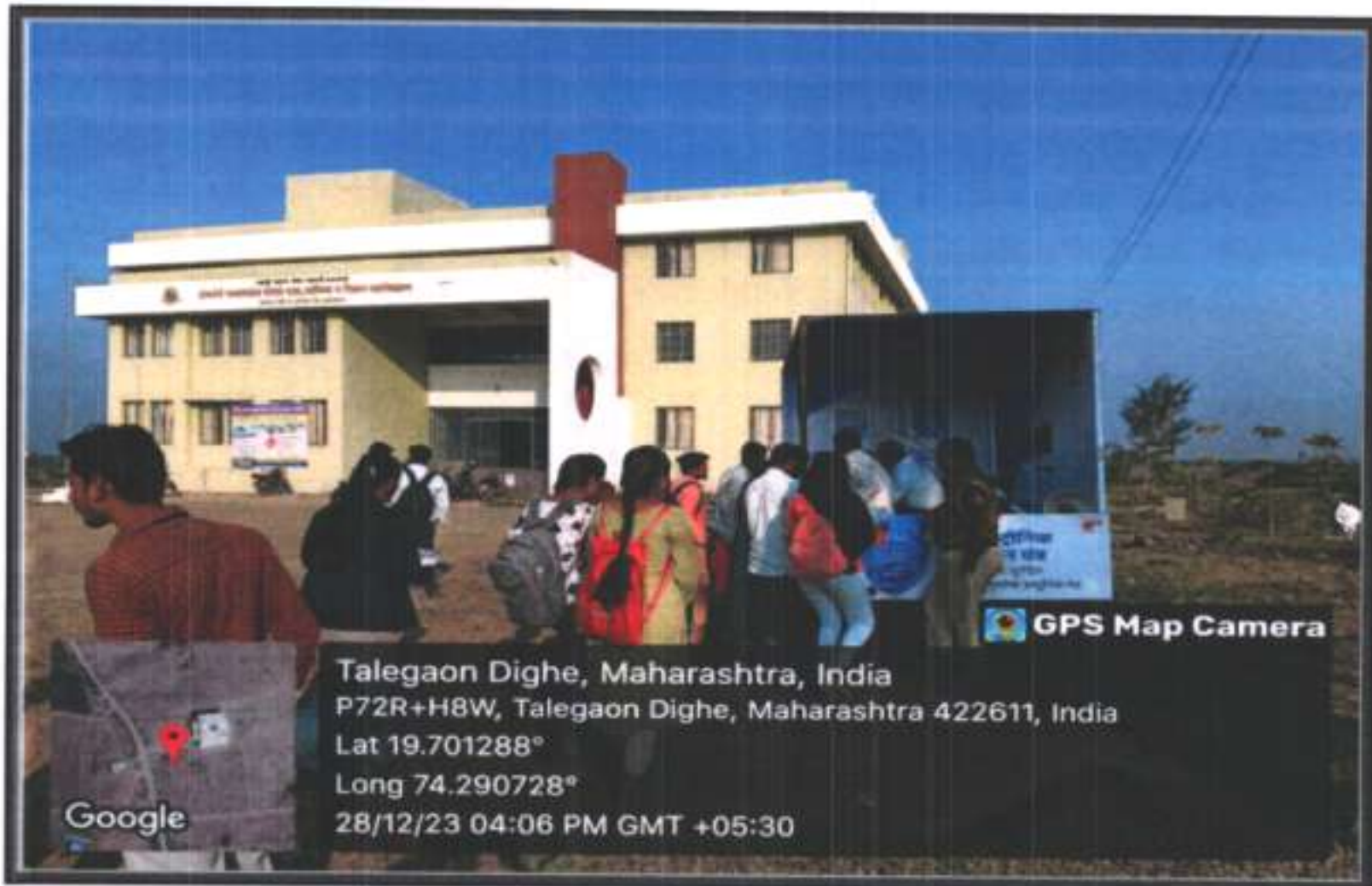


Road safety awareness Drive organized by SDO Department at Talegaon Chaur.



Voting Awareness

28/12/2023



EVS- Machine Awareness program for organized for college students.



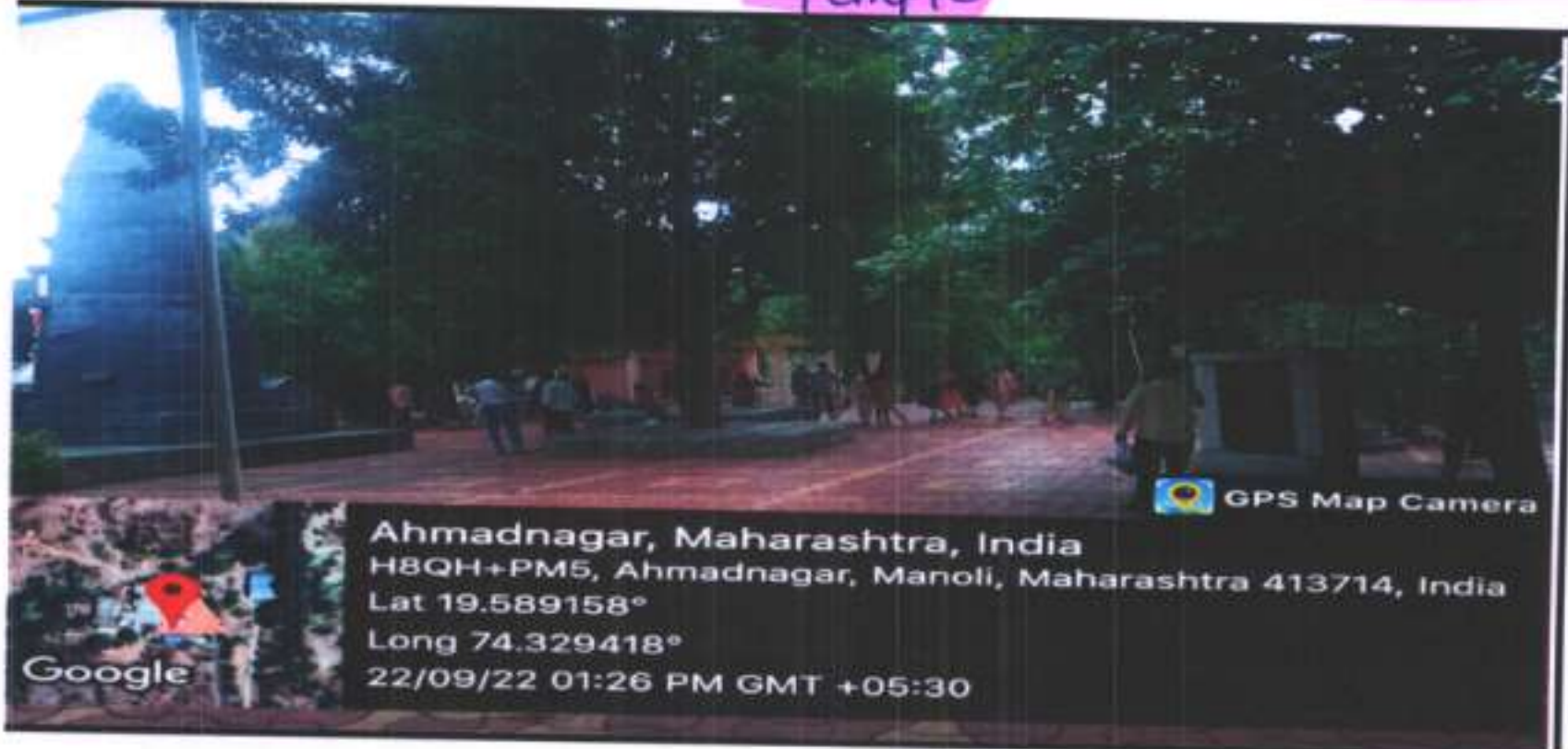
Voter Awareness Program

25/01/2024

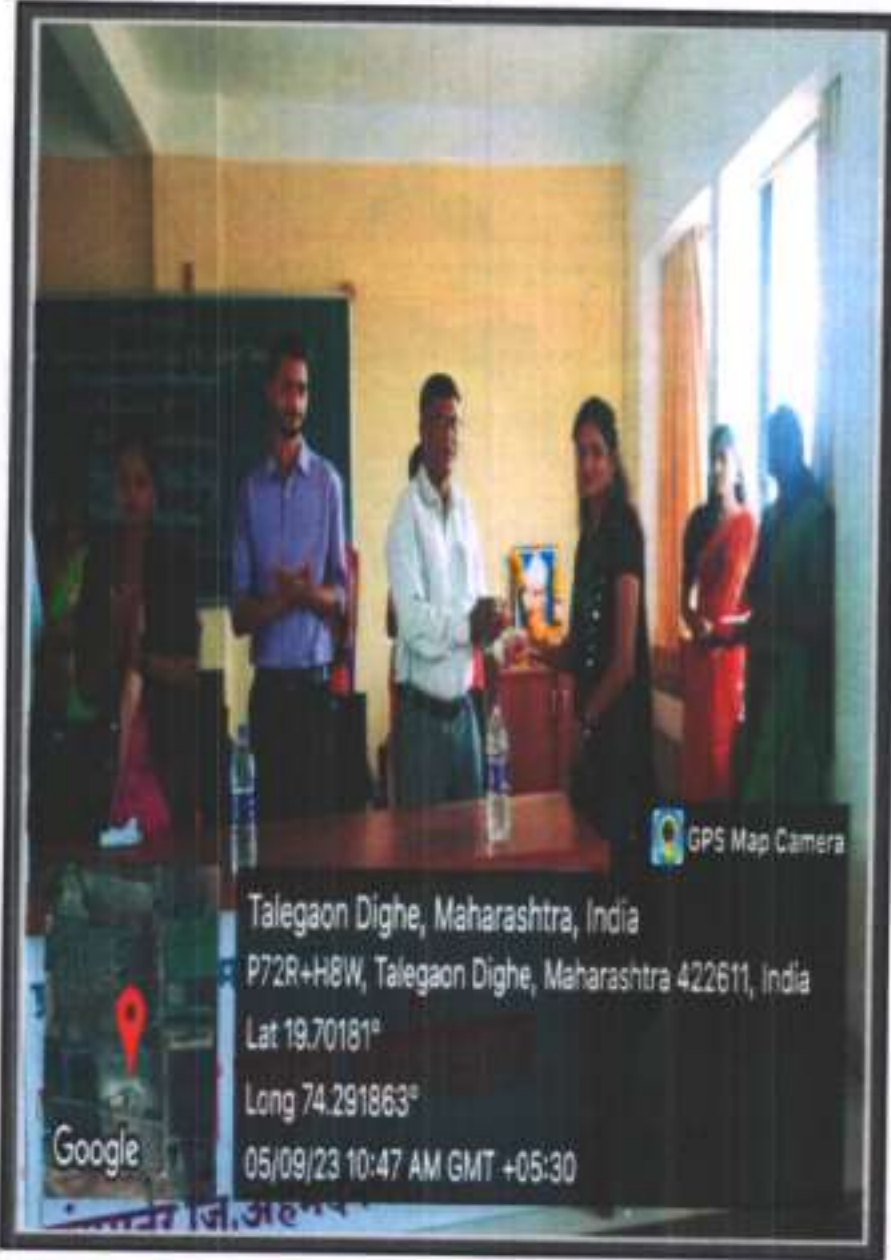


Cleanness Drive - at - Nizarneshwar Temple

22/09/2022



Teacher's Day



Go Green initiative



Reading Constitution of India



N.S.S Camp

सकाक

बडझरी बुद्रुक (ता. संगमनेर) : येथे विशेष हिवाळी श्रमसंस्कार शिबिराच्या समारोप कार्यक्रमात मार्गदर्शन करताना डॉ. जयश्री थोरात.

युवकच राष्ट्राची खरी संपत्ती

डॉ. थोरात : विशेष श्रमसंस्कार शिबिराचा समारोप

तळेगाव दिवे, ता. २७ : भारताची भूमी ही संत महात्म्यांची भूमी आहे. याच विचारधारेचा आधार अनेक महापुरुषांनी, विचारवंतांनी घेतलेला आहे. छत्रपती संभाजी महाराज ते शहीद भगतसिंग यांच्यासारख्या प्रेरणादायी विचार भारत देशाला लाभला आहे. देशाचा गौरव करण्याची क्षमता युवकांमध्ये आहे. आजचा युवक हा देशाचा आधारस्तंभ असून राष्ट्राची खरी संपत्ती आहे, असे विचार एकवीरा फाउंडेशनच्या अध्यक्षा डॉ. जयश्री थोरात यांनी व्यक्त केले.

येथील लोकनेते बाळासाहेब थोरात महाविद्यालयाच्या बडझरी बुद्रुक येथे आयोजित राष्ट्रीय सेवा योजनेच्या विशेष हिवाळी श्रमसंस्कार शिबिराच्या समारोप कार्यक्रमात त्या बोलत होत्या. या प्रसंगी सरपंच संध्या गोर्डे, प्राचार्य डॉ. डी. डी. पवार, अशोक गोर्डे, टकाजी बोडखे, कारभारी गोर्डे, रंगनाथ गोर्डे, शिवाजी गोर्डे, डॉ. संदीप गोर्डे, शिवाजी कांदळकर, रवींद्र गोर्डे, संजय गायकवाड, दीपक गोर्डे, उत्तम गायकवाड, सोपान वेताळ उपस्थित होते. शिबिर यशस्वितेसाठी प्राचार्य डॉ. डी. डी. पवार, राष्ट्रीय सेवा योजना कार्यक्रमाधिकारी डॉ. राजेंद्र गायकवाड, समन्वयक. प्रा. रामदास आहिर, प्रा. ज्योती हाथे, मच्छिंद्र दिवे यांनी परिश्रम घेतले. सूत्रसंचालन प्रा. रामदास आहिर यांनी केले. प्रास्ताविक डॉ. राजेंद्र गायकवाड यांनी केले. प्रा. मच्छिंद्र नेहे यांनी आधार मानले.

Nagar, Main
28/01/2024 Page No. 2





Cleanness Drive at college campus on 27/01/2024.



Rangoli Competition organized by Cultural Department on theme of Gender Equality, Women empowerment and Environment Awareness dated 07/02/2024.

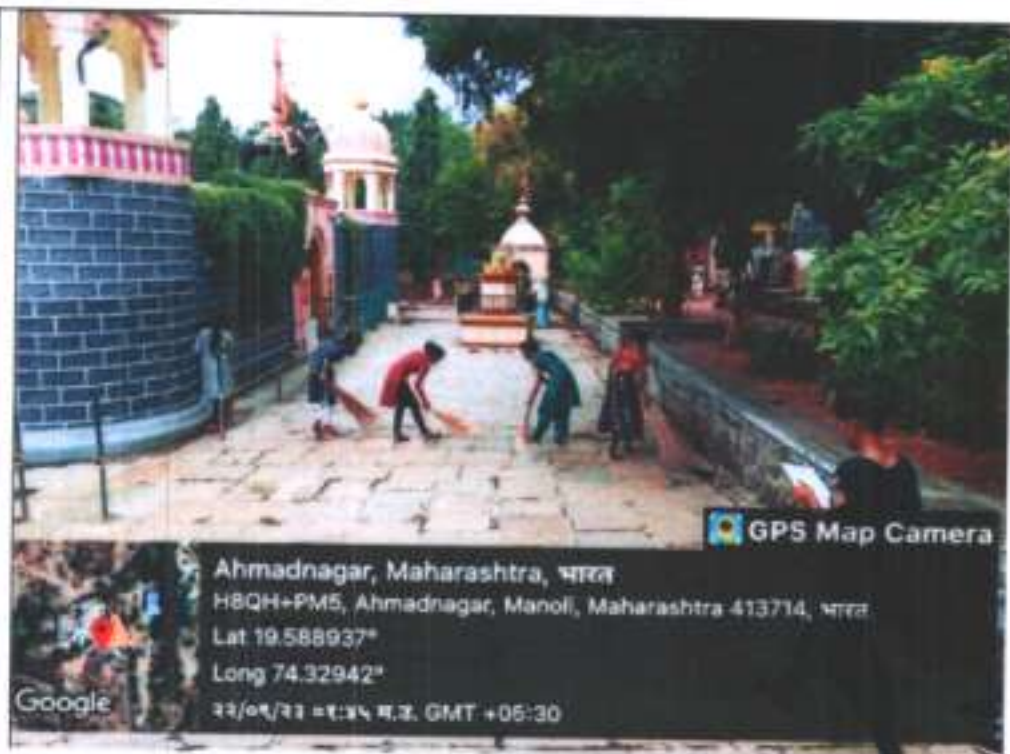


Tree Plantation drive at college campus on the occasion of DANDKARANYA ABHIYAN on 24/07/2023.



Environmental Field visit organized by college at Nizameswar, Kokangaon Miyawaki garden on 22/09/2023.





Tree Conservation program me organized by college N.S.S department at Talegaon social campus dated 08/01/2023.

“Swachhta Abhiyan”(cleanness drive) organized by N.S.S at kokangaon temple campus on 22/09/2023.



Tree Plantation



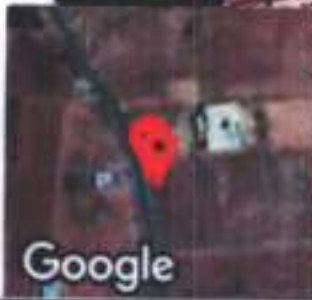
Tree plantation program organized by
N.S.S. Department at Wadzari Kh. on
03/08/2024



Tree plantation Drive at College Campus.



GPS Map Camera



Google

Talegaon Dighe, Maharashtra, India
P72R+H8W, Talegaon Dighe, Maharashtra 422611, India
Lat 19.701205°
Long 74.29062°
27/06/24 10:23 AM GMT +05:30



GPS Map Camera



Google

Talegaon Dighe, Maharashtra, India
P72R+H8W, Talegaon Dighe, Maharashtra 422611, India
Lat 19.701205°
Long 74.29062°
27/06/24 10:23 AM GMT +05:30



29/09/2019 - Tree plantation Drive.



12/08/2023 - Tree plantation at college campus
24/07/2023 - Tree conservation Drive.



Tree-plantation- 05/10/2021



Students and staff members participated in tree plantation at college campus.



Tree plantation

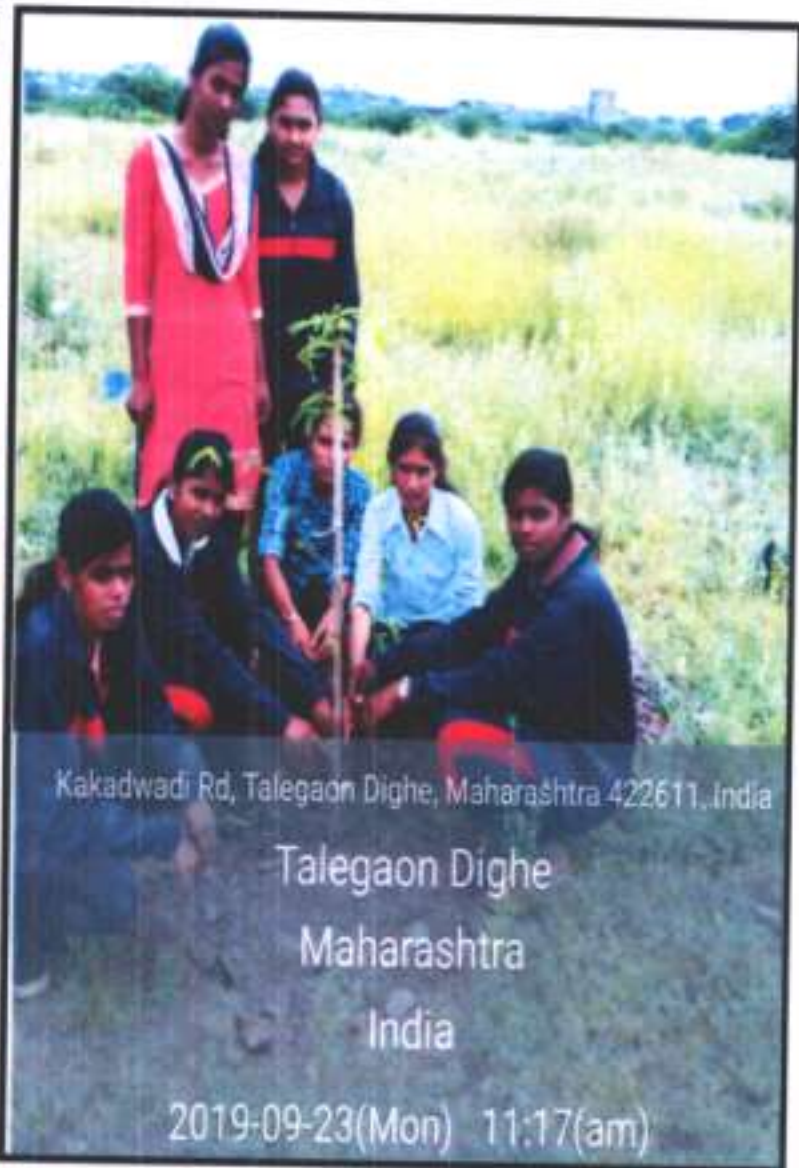


Tree plantation program organized by college every academic year.



Tree plantation.

23/09/2019,



"Dandakarsany Abhiyan" - (Tree plantation Drive) organized by college in every academic year at college campus and local villages - Kakadwadi, Bhagwatwadi, Talegaon campus.







23/09/2019 - Tree-plantation programme organized at college campus.



Meri mati mera desh - Programme 12/08/2023



College students actively participated in Tree plantation programme at Nizarneshwar Temple campus.





Ahmadnagar, Maharashtra, India
H8QH+PM5, Ahmadnagar, Manoli, Maharashtra 413714, India
Lat 19.589158°
Long 74.329418°
22/09/22 03:20 PM GMT +05:30



Ahmadnagar, Maharashtra, India
H8QH+PM5, Ahmadnagar, Manoli, Maharashtra 413714, India
Lat 19.589158°
Long 74.329418°
22/09/22 03:24 PM GMT +05:30





Sahyadri Bahujan Vidya Prasarak Samaj
LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS /101/2008)
Talegoan Dighe Tal.Sangamner, Dist.Ahmednager - 422611
<https://lbtcollege.in/>, Email - lbtcollege853@gmail.com / shvpsacsctd@gmail.com



Rain Water Management



T. Pawar
PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A.NAGAR



Sahyadri Bahujan Vidya Prasarak Samaj
**LOKNETE BALASAHEB THORAT
 ARTS, COMMERCE & SCIENCE COLLEGE,**

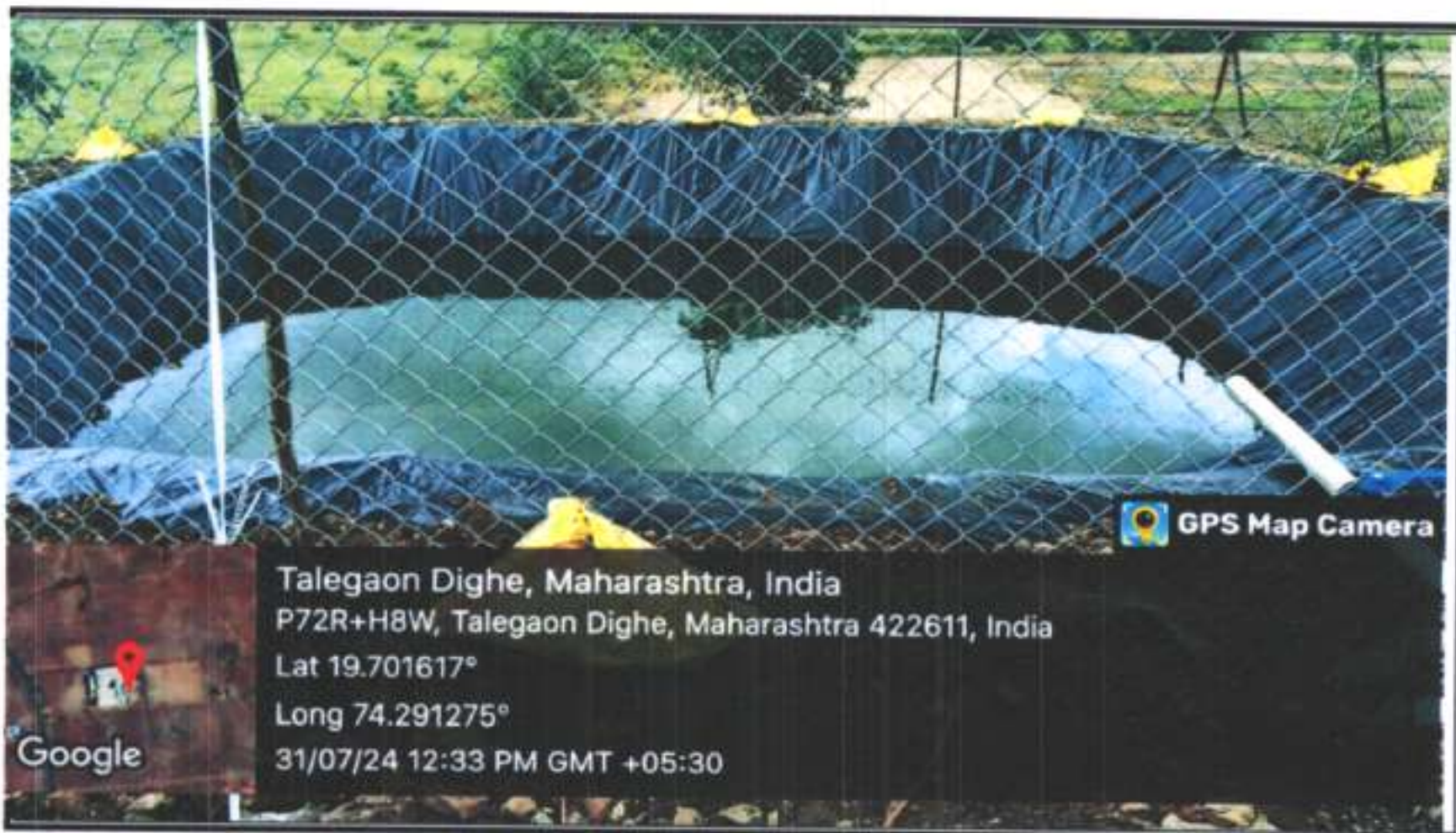
(Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS /101/2008)

Talegaon Dighe Tal.Sangamner, Dist.Ahmednager - 422611

<https://lbcollege.in/>, Email - lbcollege853@gmail.com / sbvpsacsetd@gmail.com



Rain Water Management



H. G. D.

PRINCIPAL
 LOKNETE BALASAHEB THORAT ARTS,
 COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
 TAL. SANGAMNER DIST. A. NAGAR



Sahyadri Bahujan Vidya Prasarak Samaj
**LOKNETE BALASAHEB THORAT
ARTS, COMMERCE & SCIENCE COLLEGE,**

Affiliated to Savitribai Phule Pune University, Pune ID - PU/AN/ACS /101/2008)
Talegoan Dighe Tal.Sangamner, Dist.Ahmednager - 422611
<https://lbtcollege.in/>, Email - lbtcollege853@gmail.com / sbvpsacsctd@gmail.com



Waste Management

- Solid waste management
- Liquid waste management
- Waste recycling system
- E-waste management

Segregation of dry waste




PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A.NAGAR

“ पंचायत राज्य निर्मिती हिच स्वरी लोकशाही ”

“स्थापना २७/०९/१९५८”



ग्रामपंचायत कार्यालय तळेगांव दिघे

ता. संगमनेर जि. अहमदनगर

* जन्म- मृत्यू व विवाहाची नोंद घेऊन करा * ग्रामपंचायत कर घेऊन भरा * गाव स्वच्छ ठेवा * पाणी वाचवा, झाडे लावा, झाडे जगवा


दि. 18/08/2022


प्रमाणपत्र

प्रमाणित करण्यात येते कि ग्रामपंचायत तळेगाव दिघे त्या लोकनेते बाळासाहेब थोरात कला, वाणिज्य, व विज्ञान महाविद्यालय तळेगांव दिघे या महाविद्यालयास

“Green and Clean Campus”

हा पुरस्कार जाहीर करण्यात येत आहे सदर पुरस्कार हा एप्रिल २०२१ ते २०२२ या कालावधीसाठी वैध असेल.


ग्रामविकास अधिकारी
ग्रामपंचायत तळेगांव दिघे
ता. संगमनेर, जि. अहमदनगर


सरपंच




PRINCIPAL
LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR

“ पंचायत राज्य निर्मिती हिच स्वरी लोकशाही ”

“स्थापना २७/०९/१९५८”



ग्रामपंचायत कार्यालय तळेगांव दिघे

ता.संगमनेर जि.अहमदनगर

* जन्म- मृत्यू व विवाहाची नोंद वेळेवर करा * ग्रामपंचायत कार वेळेवर भरा * गाव स्वच्छ ठेवा * पाणी वाचवा, झाडे लावा, झाडे जगवा


दि. 14/08/2023

प्रमाणपत्र

प्रमाणित करण्यात येते कि ग्रामपंचायत तळेगाव दिघे त्या लोकनेते बाळासाहेब थोरात कला, वाणिज्य, व विज्ञान महाविद्यालय तळेगांव दिघे या महाविद्यालयास

“Green and Clean Campus”

हा पुरस्कार जाहीर करण्यात येत आहे सदर पुरस्कार हा एप्रिल २०२२ ते २०२३ या कालावधीसाठी वैध असेल.


ग्रामविकास अधिकारी सरपंच
ग्रामपंचायत तळेगांव दिघे
ता. संगमनेर, जि. अहमदनगर




PRINCIPAL
LOKNETE BALASAHAB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR



ग्रामपंचायत कार्यालय तळेगांव दिघे

ता. संगमनेर जि. अहमदनगर

जन्म- मृत्यू व विवाहाची नोंद वेळेवर करा • ग्रामपंचायत कर वेळेवर भर • गाव स्वच्छ ठेवा • पाणी वाचवा, झाडे लावा, झाडे जगवा

दि. ०३/०५/२०२४

प्रमाणपत्र

प्रमाणित करण्यात येते कि ग्रामपंचायत तळेगाव दिघे त्या लोकनेते बाळासाहेब थोरात कला, वाणिज्य, व विज्ञान महाविद्यालय तळेगाव दिघे या महाविद्यालयास

“Green and Clean Campus”

हा पुरस्कार जाहीर करण्यात येत आहे सदर पुरस्कार हा एप्रिल २०२३ ते २०२४ या कालावधीसाठी वैध असेल.

ग्रामविकास अधिकारी

सरपंच

ग्रामपंचायत तळेगांव दिघे

ता. संगमनेर, जि. अहमदनगर



PRINCIPAL

LOKNETE BALASAHEB THORAT ARTS,
COMMERCE & SCIENCE COLLEGE TALEGOAN DIGHE,
TAL. SANGAMNER DIST. A. NAGAR



Sahyadri Bahujan Vidya Prasarak Samaj

**LOKNETE BALASAHEB THORAT
ARTS COMMERCE & SCIENCE COLLEGE**

Talegaon Dighe- 422611 , Tal-Sanganer Dist -A.Nagar

NO VEHICLE DAY

1ST SATURDAY OF EVERY MONTH

FOR FACULTY AND STUDENT



BE A PART OF THE
SOLUTION,
NOT A PART OF THE
POLLUTION



College annual - cultural Activity - 2023-24

Rangoli Competition - 07/02/2024



College annual- Cultural activity- 2023-24
Poster presentation.

07/02/2024



College arrange poster presentation of various cross-cutting issues- like environment awareness, women empowerment, voter awareness.



College Annual cultural activity. 2023-24


Rangoli presentation.

07/02/2024



college students



07.	<p>Mega Vaccination Drive (Covid-19) Pmc - Talegaon Dighe.</p>	<p>Human values, Social values.</p>	
-----	--	-------------------------------------	---

08	<p>28/10/2021 "Mega Vaccination Drive" (Covid-19)</p>	<p>Human and Social values.</p>	
----	---	---------------------------------	--

09	<p>Inauguration of College sport Competition 2018.</p>	<p>Human values, Hon. principal Dr. Dhore E.S. inauguration college sport activities.</p>	
----	--	---	---





10	Blood Donation camp (every academic Year)	Human Values.	
----	---	---------------	---




11.	Blood Donation camp	Human values.	
-----	---------------------	---------------	--

12	One Day Business Training program	Professional Ethics, Human values and Environmental Sustainability	
----	-----------------------------------	--	---




Sr. No	Name of Activity and Date of Implementation	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)	Representative Photograph
16	08 March 2022 International Women Day	Gender Human Values.	
17	Women's Day (every academic year)	Gender Issues Human Values	



18.	Blood Donation 21/02/2022	Human Values - college organized - Blood donation camp - 2022-23	
19	"Blood Donation camp" (every year)	Human Values - Arpaas blood bank	
20	Chh. Shirogi Mahanay Jayanti 19/02/2024	Human Values Gender	






21.	<p>"Yava Din: Perencanaan Ragnmata. Tiyad Jayanti"</p> <p>12/10/2022 (Mr. Prabhakar Kandalkar)</p>	<p>Human Values. Gender. and Environment Sustainability.</p>	
-----	--	--	---




22.	<p>Poster and Scientific model presentation</p>	<p>Human Values. Gender Issues. Environmental Sustainability. Professional Ethics.</p>	
-----	---	--	--

23	<p>Blood Donation Camp Aadhar Blood Foundation 21/10/2021</p>	<p>Human Values College Students participates blood donation camp.</p>	
----	---	--	---






24.	Rajarshi Swami Maharaj 06/05/2023 2022-23	Human values. Gender and Professional Ethics	
25-	Inter- national Women's Day - 8/03/2023 (Every Year)	Gender Issues and Human Values. - Dr. Jondale. Minatku (Chief guest)	
26	S.M Bhausaheb Tharwat (Dada) Smrutidin 14/03/2022	Human Values and Environmental Sustainability	



Sr. No	Name of Activity and Date of Implementation	Addressed issue (Professional Ethics, Gender, Human Values, Environment and Sustainability)	Representative Photograph
27.	National Service Scheme - N.S.S Day 12/09/2014 (Every academic Year) Dr. Baba Khanat	Human values, Gender Issues, Environmental Sustainability	 <p>Talegaon Digho, Maharashtra, India P22R+10W, Talegaon Digho, Maharashtra 422611, India Lat 19.701394° Long 74.201103° 24/09/23 10:51 AM GMT +05:30</p>
28.	Workshop on Career Opportunity in Commerce" 08/10/2023	Professional Ethics, Human Values.	 <p>Talegaon Digho, Maharashtra, India P22R+10W Nanna's nature, Talegaon Digho, Maharashtra 422611, India Lat 19.701804° Long 74.201015° 03/10/23 09:58 AM GMT +05:30</p>
	"Milara Foundation" Pune.	—	 <p>Talegaon Digho, Maharashtra, India P22R+10W Nanna's nature, Talegaon Digho, Maharashtra 422611, India Lat 19.701804° Long 74.201015° 03/10/23 10:21 AM GMT +05:30</p>



<p>Programme on Gandhi Jayanti 29. 02/10/2022 Prof. Pansare R.Y.</p>		<p>Human Values, Gender and Environmental Sustainability.</p>	 <p>Talegaon Digha, Maharashtra, India P72R+H8W, Talegaon Digha, Maharashtra 422611, India Lat 19.701346° Long 74.290956° 02/10/22 11:49 AM GMT +05:30</p> <p>GPS Map Camera</p>
<p>30 Cleanliness Drive Every Academic Year 02/10/2022</p>		<p>Professional Ethics. Human Values and Environmental Sustainability.</p>	 <p>Talegaon Digha, Maharashtra, India P72R+H8W, Talegaon Digha, Maharashtra 422611, India Lat 19.701346° Long 74.290955° 03/10/23 12:39 PM GMT +05:30</p> <p>GPS Map Camera</p>
<p>Cleanliness Drive.</p>		<p>Professional Ethics. Human Values and Environmental Sustainability.</p>	 <p>Talegaon Digha, Maharashtra, India P72R+H8W, Talegaon Digha, Maharashtra 422611, India Lat 19.701346° Long 74.290956° 02/10/22 12:45 PM GMT +05:30</p> <p>GPS Map Camera</p>






f

(

31.	Compulsory Health Check-up - pmc - Talegaon 18/10/2023	Human Values and Gender	
32.	pmc - Talegaon Dighe - Dr. Phamse B.S.	Human Values and Gender	
33.	Health Checkup. 18/10/2023 Dr. Suryanish	—	




33.		Human Values Gender Social Ethics.	 <p>Talegaon Dighe, Maharashtra, India P72R+H6W, Talegaon Dighe, Maharashtra 422611, India Lat 19.701216° Long 74.290946° 30/10/23 11:10 AM GMT +05:30</p>
		Human Values. Gender, Social Ethics Business Ethics.	 <p>Talegaon Dighe, Maharashtra, India P72R+H6W, Talegaon Dighe, Maharashtra 422611, India Lat 19.701216° Long 74.290946° 30/10/23 11:09 AM GMT +05:30</p>
34.	Voter Awareness Programm 28/12/2023	Human Values. Gender.	 <p>Talegaon Dighe, Maharashtra, India P72R+H6W, Talegaon Dighe, Maharashtra 422611, India Lat 19.701216° Long 74.290946° 30/10/23 11:09 AM GMT +05:30</p>




35	Inter National "Yoga Day" 21/06/2022 Every Academic Year	Human Values.	 <p>GPS Map Camera Talegaon Digha, Maharashtra, India M7WM+7M4, Talegaon Digha, Maharashtra 422011, India Lat 19.695506° Long 74.283403° 21/06/22 12:06 PM GMT +05:30</p>
1	National "Yoga Day" 21/06/21 every academic year	Human Values.	
36	Road "Safety" Rally 14/08/2023	Human values. Social Ethics.	 <p>GPS Map Camera Talegaon Digha, Maharashtra, India P7ZR+H8W, Talegaon Digha, Maharashtra 422011, India Lat 19.701394° Long 74.290999° 14/08/23 11:12 AM GMT +05:30</p>




39.	Cultural Activity - Dr. Pathe. 20	Human values. Social Ethics.	
-----	--	---------------------------------	---

40 -	Cleanliness Drive. 02/10/2022 Prof. Gaikwad R. R.	Human value. Gender Environmental Sustainability.	
------	---	--	--

41.	"Rally for Tree plantation 10/10/2023 Prof. Wagle A. S.	Human values. Environmental Sustainability.	
-----	--	---	---



42.	One Day Workshop on	Professional Ethics. Human Values.	
43.	21/02/2022 Mr.	Professional Ethics Human values.	
44.	Savitribai Phule Jayanty "Og/01/2023 Cemery academe Year	Human Values. Gender.	






45	Pr. Babasaheb Ambedkar Jayanti 06/11/2023	Human Values. Gender Issues.	 <p>Manchigaoon, Maharashtra, India Hoods+6C9, Manchigaoon, Maharashtra 413714, India Lat 19.659769° Long 74.388300° 06/12/23 12:06 PM GMT +06:30</p>
----	--	---------------------------------	--




46	"Dada" Jayanti Mahatsav 02/10/2024 Pr. Baba Kharat & team	Human Values. Gender. Environmental Sustainability.	 <p>Talegaon Digha, Maharashtra, India P/26E-H0W, Talegaon Digha, Maharashtra 422011, India Lat 19.701290° Long 74.590952° 02/10/24 10:36 AM GMT +06:30</p>
----	--	---	---

47	Prasanna Din 12/10/2024 (every academic year)	Human Values. Gender. and Environmental Sustainability	 <p>Talegaon Digha, Maharashtra, India 427WR+6kP, Kalandwadi Rd, Talegaon Digha, Maharashtra 422011, India Lat 19.694648° Long 74.592937° 12/01/24 10:03 AM GMT +06:30</p>
----	---	---	---



48.	"Women self-defence and Karate Training Programm."	Gender Human Values.	
	10/11/2023 Prof. Miss-	Gender Human Values.	
		Gender Human Values.	



49.	Gratitude for Soldiers' program on Independence Day	 <p>Talegaon Digho, Maharashtra, India 19/08/23 08:00 AM GMT +05:30</p>
Independence Day (every academic year) 15/10/2023	Human Values.	 <p>Talegaon Digho, Maharashtra, India 15/08/23 07:57 AM GMT +05:30</p>
50	One Day Workshop on "Diriyang & Braille Script"	 <p>Talegaon Digho, Maharashtra, India 02/08/23 10:22 AM GMT +05:30</p>
	Human Values	




51.	One day Workshop ON NAAC- Assessment & Accreditation	Professional Ethics Gender. Human values Environmental Sustainability	 <p>Talegaon Dighe, Maharashtra, India M7WM+8H, Nandur Shingude Rd, Talegaon Dighe, Maharashtra 422611, India Lat 19.694684° Long 74.282303° 24/07/23 01:17 PM GMT +05:30</p>
-----	--	---	--

52.	"Dandakanya Abhiyan 'Save Trees Campaign'"	Human Values and Environmental Sustainability.	 <p>Talegaon Dighe, Maharashtra, India M7WM+7M, Talegaon Dighe, Maharashtra 422611, India Lat 19.695637° Long 74.28487° 24/07/23 11:49 AM GMT +05:30</p>
-----	--	--	--

	Tree plantation 24/10/2023	Human Values and Environmental Sustainability	 <p>Talegaon Dighe, Maharashtra, India M7WM+7M, Talegaon Dighe, Maharashtra 422611, India Lat 19.695637° Long 74.28487° 24/07/23 11:44 AM GMT +05:30</p>
--	----------------------------	---	---



53.	"Dindi's arrival in college"	Human and Social values.	
-----	------------------------------	--------------------------	---

54.	One day Workshop on "Yoga"	Human values	
-----	----------------------------	--------------	--

55	Industrial Visits on "SPTSKL" Ltd.	Professional Ethics & Environmental Sustainability	
----	------------------------------------	--	---



56	"Yoga For Girls"	Gender and Human Values.	
----	------------------	--------------------------	---

<p>"Nirbhay Kanya Abhiyan" Lecture on Health & Hygiene (Dr. Jondhale)</p>	Human Values Gender Issues.	
---	-----------------------------	--

57	Workshop on Organic Farming 21/02/2024	Environmental Sustainability, Human Values & Professional Ethics	
----	---	--	---






--	--	--	--

58	Best Karmchari Award 2024 Mrs. Dighhe M. D	Professional Ethics and Human Values.	
----	--	---	--

59	Tree Plantation	Human Values, Environmental Sustainability	
----	--------------------	--	--



G0.	Science Association 07/10/2023	Professional Ethics & Human Value Environment and Sustainability.	
	Commerce Festival.		
G1.	Tree Plantation (every academic year) 02/10/2023	Human Values and Environmental Sustainability	



()

()

G2	"Rajmata Jijau Yuva Din Prema Din" 12/10/2024	Human Values Gender and Environment and Sustainability.	
G3		Workshop on "Modi-Lipi" Savardhan	
		-	

