



Nehru Yuva Krida & Sanskrutik Mandal, Chikhli's

**Late. Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College**

Lavala Road, Sakharkherda. Tq. Sindkhed Raja, Dist. Buldana (M.S.) - 443202

Prof. N. S. Gawande
Secretary

Dr. N. N. Gawande
Principal

College Code No. 336

Contact No. 9822364082

Fax : 07264-266211

Email - lbsac336@sgbau.ac.in

Ref. No.

Date :

Criteria I: Curricular Aspects

**1.3: Key Indicator
Curriculum Enrichment**

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

Sr. No	Metric No.	Document Details
01	1.3.1.	Description about the Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum
02		List of institution Integrates crosscutting issues relevant to Professional Ethics, Human Values, Environment and Sustainability into the Curriculum
03		Syllabus Copies of concern subject which include institution integrates crosscutting issues relevant to Professional Ethics, 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

This is to certify that Late Bhaskarrao Shingne Arts, Prof. Narayanrao Gawande Science and Ashalata Gawande Commerce College Sakharkherda (Formerly Called as Late Bhaskarrao Shingne Arts College) located at rural place Sakharkherda. The college was started with B.A. as the main stream in the year 2000 which is affiliated to S.G.B. Amravati University. The commerce and science stream was started in the year 2008 with same affiliation. The institution imparts the knowledge of Arts and Science faculties through courses of B.A, B.sc, M.A and M.sc with research centre in 07 subjects. The institution provides the higher education in this remote and backward region. Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.

We are catering to the rural masses and tribal populace; efforts are being to integrate the various cross cutting issues through the curriculum by the university and through Add-on courses, supporting activities etc. by the college. Being an affiliated college, the institute meticulously follows the curriculum prescribed by the by the university. The university integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum. Following are the details of the courses which integrate cross-cutting issues into the curriculum.

Environment and Sustainability in curriculum

Course in Environment studies is compulsory for the second year UG students of all the programmes. The course introduces the students to its multidisciplinary nature and also emphasizes on the renewable resources and the problems associated with environment. Apart from environmental studies there are number of courses in the curriculum that cater environment and sustainability issues, such as Literature, Commerce, Chemistry, Zoology, Botany, Physics etc. Institute has organized Environmental Awareness Programmes and Rally arranged on save water. College has environmental awareness and garden committee has initiated the activity of nature awareness activity for college students with the aim to create environmental consciousness among the students. The institution conducts environmental



awareness programmes like tree plantation and plant species preservation, rainwater harvesting, village cleanliness, plastic-free drives etc. Initiatives are taken in solid, liquid and chemical waste management. No Vehicle Day on Saturday is practiced once a week to make awareness about environment and pollution. In institution Capus Solar power LED bulbs to save energy and minimize environment pollution. Green audit is done by external agency.

Human Values and Professional Ethics in Curriculum

To inculcate human values the college has introduced Add on program in human rights and human values, run by the department of political science. There are number of courses in UG and PG curriculum that deal with the issues of Human values and professional ethics. The course in UG Political Science deals with Fundamental Right and Duties, Justice, Liberty and Equality, Democracy, Sovereignty etc. In addition to these the college runs Soft Skills training programs for UG and PG students. The college has signed the MoU with institution / industries for soft skills training. The courses related to literature offer number of human values such as non-violence, For students in Commerce faculty the courses like Business Ethics, Business communication and Professional Values are being offered at UG level. The intended learning outcomes of these courses are to identify concept of business ethics. profession and values, and describe Indian Ethical Practices in marketing, advertising and Employment. The IQAC and department of college (science/commerce/arts and library) has organized workshop and webinars on Intellectual Property Rights and Reference Management Tools, plagiarism etc. The institution organizes 'Yuva Din' (12th Jan) to pay homage to Swami Vivekanand by organizing guest lectures of the eminent speakers. To promote students, the important place of books in the life, Vaachan Prerna Din (15th Oct) is marked in the institution every year.

Gender Sensitization

Gender sensitization and gender equity are of immense importance for a just society. In our curriculum number of courses offered by the Literature, Social Sciences, Home economics and Life Sciences departments deal with the issues of gender sensitization and gender



equity. The college has fully functional counseling centre. Through this centre we have organized workshops on Pre-Marital Counseling and gender sensitization and gender equity. The college organizes self-defense training and Personality Development workshops, adventure camp for girls. Institution never discriminates among boys and girl students and promotes all to participate in every extracurricular and co-curricular activities like Cultural program, NSS, Sports and the University Level Cultural program like 'Youa Mohoshataav', etc. It is found that, students are very enthusiastic to participate in the special annual camp of NSS organized at the adopted village, Various activities are organized like Cleanliness, Soil and Water Conservation Campaign, Blood Donation, Tree Plantation, Wild-life Conservation, Foeticide Awareness Campaign, Plastic Eradication, Use of organic fertilizers etc. In the institution, various programs are conducted to develop the personality and health of the students. Legal advisors, doctors and psychologists are invited to guide the students. As health is very important for girls, female doctors are invited for medical check-up and guidance about nutritious diet, cleanliness, exercise, hygiene etc. Programs on Women Empowerment are organized in the institution. .A set of CCTV cameras at every important spot in the premises for the safety of the girls.



A handwritten signature in blue ink, consisting of a stylized 'B' followed by a long horizontal stroke that curves upwards at the end.

PRINCIPAL

Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharherda, Tq. & Raja Dist. Buldana

12/11
Late Bhaskarrao Shingane Arts, Prof. Narayanrao Gawande Science And Ashalata
Gawande Commerce College, Sakharkherda

Department of English

Notice

All the students are informed that Department of English is going to organize Debate Competition on the topic of "Women Empowerment is the Need of Present Time" on 30th January, 2023. Those students are interested register their name towards Mr. Chatarkar.

27 /01/2023



A handwritten signature in black ink, appearing to be "S. Chatarkar".

Head

Department of English
Late B.S.Arts, Prof.N.G.Sci. & A.G.Comm.
College, Sakharkherda, Dist. Buldana

Late B.S. Arts, Prof. N.G. Science and A.G. Commerce College, Sakharkherda

Academic Session- 2022-23

Department of English

Debate Competition: A Report

Report:

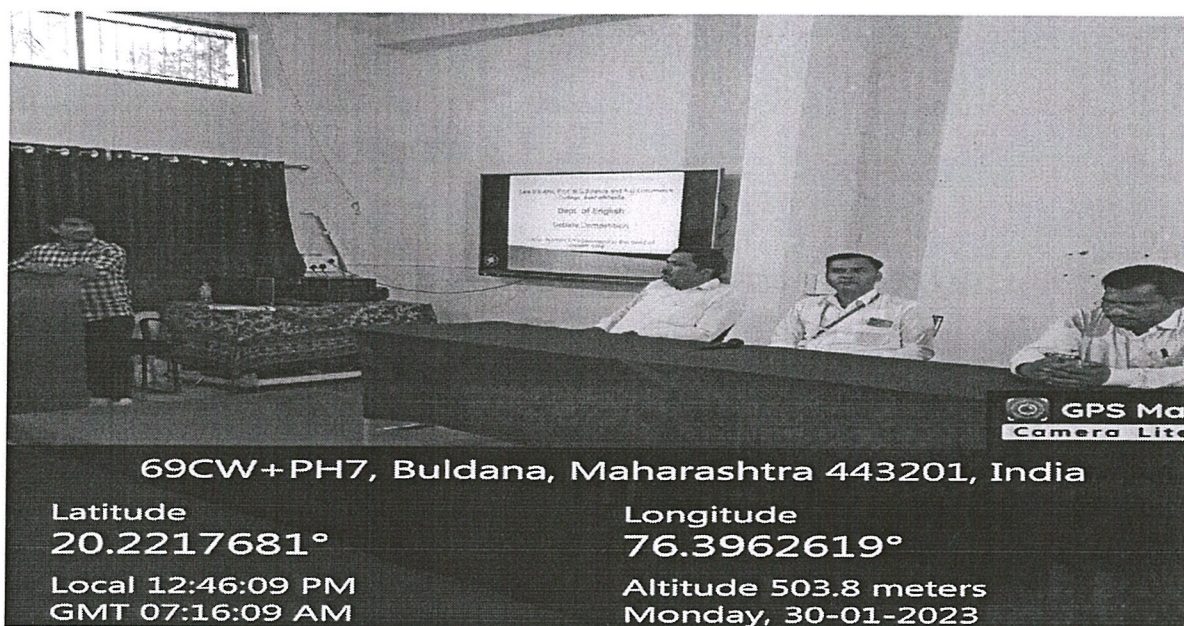
For the gender equality Department of English has organized Debate Competition on 30th Jan 2023 on the topic of 'Women Empowerment is the need of present time'. Eight students participated in the debate competition.

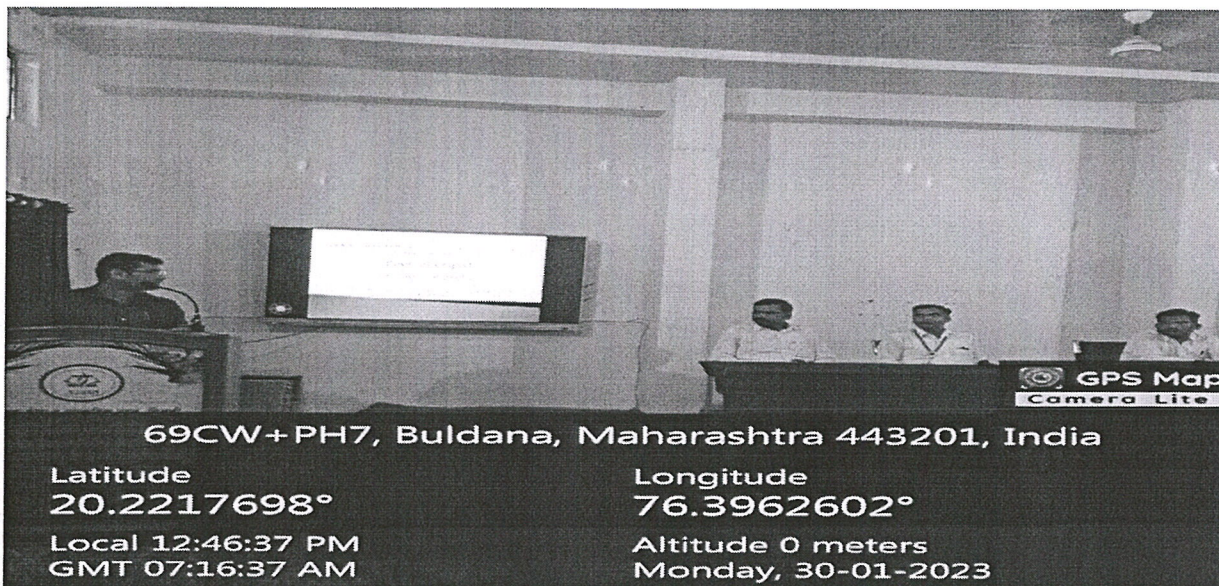
Asst. Prof. Mr. P. S. Shimbre guides the students how to express their thoughts within speculated time in front of the students.

Details of the Activity:

Name of the Activity	Date of the Activity	Numbers of beneficiary students	Resource Person
Debate Competition	30th Jan 2023	45	Mr. P. S. Shimbre, Mr. S. R.Gawai, Mr. Chatarkar

Snapshots





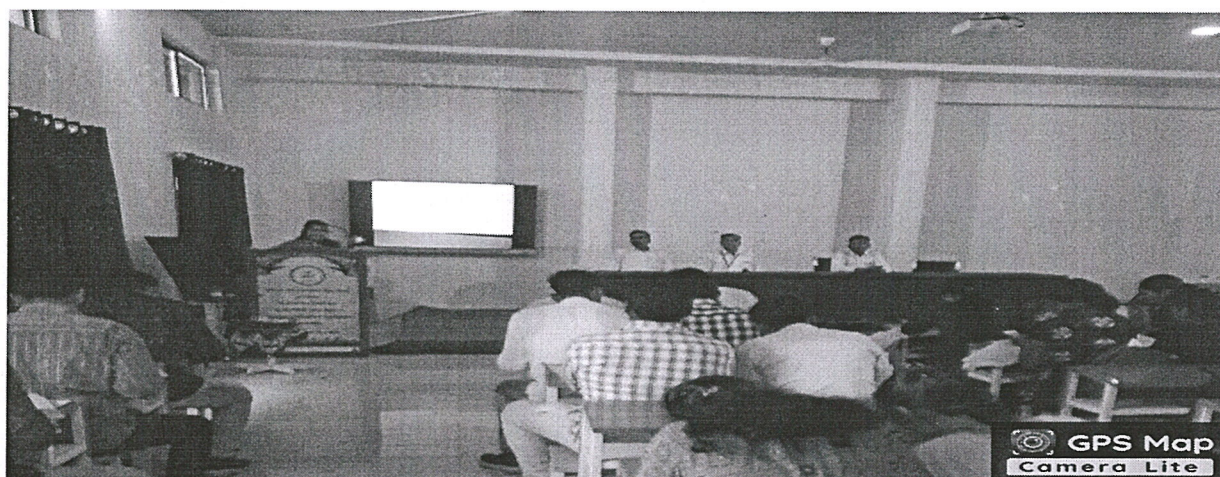
69CW+PH7, Buldana, Maharashtra 443201, India

Latitude
20.2217698°

Longitude
76.3962602°

Local 12:46:37 PM
GMT 07:16:37 AM

Altitude 0 meters
Monday, 30-01-2023



69CW+PH7, Buldana, Maharashtra 443201, India

Latitude
20.2217666°

Longitude
76.3962607°

Local 12:47:20 PM
GMT 07:17:20 AM

Altitude 503.8 meters
Monday, 30-01-2023

Student participation in debate competition

Head

Department of English
Late B.S.Arts, Prof.N.G.Sci. & A.G.Comm.
College, Sakharikherda, Dist. Buldana



PRINCIPAL

Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharikherda, Tq. S. Raja Dist. Buldana

Late B. S. Arts, Prof. N. G. Science and A. G. Commerce College sakharkherda

Academic Year :- 2022-23

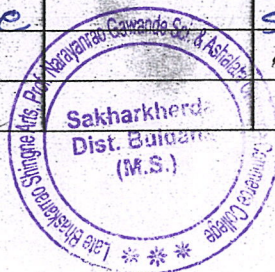
Name of Department:- English

Name of Activity:- Debate Competition

Date:- 30th Jan 2023

List of present Student

Sr. No.	Name of Student	Class	Signature
1)	Aarti Sanjay Deshmukh		A.S. Deshmukh
2)	Abhishek Himmatrao Kulkarni		A.K.K.
3)	Abhishek Kaduba Morey		3 m13
4)	Aditya Dharmaraj Gawai		A. Gawai
5)	Aditya Gautam Gawai		A. Gawai
6)	AKSHAY VISHNU Gore		A.V. Gore
7)	Amol Shivaji Devkar		A.S. Devkar
8)	Aniruddha Kisan Devkar		A.K. Devkar
9)	Ankush Kaderba Lembe		A. K. Lembe
10)	Arvind Gautam Sankar		A. Sankar
11)	Dnyaneshwar Nashari Thosare		D.N. Thosare
12)	Gajanan Parmeshwar Gawai		G. Gawai
13)	Ganesh Ashok Gaikwad		G. Gaikwad
14)	Kalyani Gaibee Dorode		K. Dorode
15)	Manesh Ganesh Podhade		M. Podhade
16)	Minal Manik Gawali		M. Gawali
17)	Mukesh Ravindra Sankar		M. Sankar
18)	Nikhil Pandit Suryavanshi		N. Suryavanshi
19)	Pravin Surkdev Bendmali		P.S. Bendmali
20)	Ritu Gokul Gawai		R. Gawai
21)	Rohit Shaantaram Gawai		R. Gawai
22)	Sahket Anup Gawai		S. Gawai
23)	Sahket Vinayak Gawai		S. Gawai
24)	Satish Bhagwan Deokar		S. Deokar
25)	Sayyad Gulam Sayyad Infum		S. Infum
26)	Shaeda Madhav Kashtekar		S.M. Kashtekar
27)	Shrikanth Ramdas Turkar		S. Turkar
28)	Shubhangi Ganesh Pudole		S. Pudole
29)	Sumit Devanand Podhade		S.D. Podhade
30)	Vaibhav Gautam Gawai		V.G. Gawai
31)	Vaibhav Eamresh Sable		V.E. Sable



Late B. S. Arts, Prof. N. G. Science and A. G. Commerce College sakharkherda

Academic Year :- 2022-23

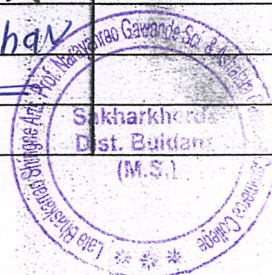
Name of Department:- English

Name of Activity :- Debate Comp.

Date:- 30th Jan 2023

List of present Student

Sr. No.	Name of Student	Class	Signature
32)	Vaishnavi Prabhakar Padgham		<u>Vadgham</u>
33)	Nedant Sanjay Bbade		<u>NBbade</u>
34)	Vaibhav Vatsalray robhage		<u>Vsornad</u>
35)	Sournil Bhimrao Gawai		<u>Shuyi</u>
36)	Karan vilas Jadhao		<u>Jadhao</u>
37)	shubham Pandurang Tungade		<u>S.P. Tungade</u>
38)	Yogita Prakash susealkar.		<u>Susealkar</u>
39)	Gayatri Raju Dhengle		<u>GRchoPade</u>
307	Komal kashinath more		<u>Kmore</u>
31)	Dipali Dayanand Pawar		<u>D.D. Pawar</u>
32)	Laxmi Vijay Kavhale		<u>L.V. Kavhale</u>
33)	Neha Vinod Vaidya		<u>N.V. Vaidya</u>
34)	Nikita Sanjay Gawai		<u>N.S. Gawai</u>
35)	Poornima Dipak chavan		<u>P.D. chavan</u>
36)	Roshani Ram Pimple		<u>Ripple</u>
37)	Rupali samadhan Anasapma		<u>R.S. Anasapma</u>
38)	Shamay Abhi Bhuterao		<u>S.A. Bhuterao</u>
34)	Sheaddha vilas magde		<u>Smagde</u>
35)	Sheaddha Baliram Bhandal		<u>Bhandal</u>
36)	Vaishnavi Santosh Solanke		<u>Solanke</u>
37)	Vaishnavi Sharm Pimple		<u>Sharm Pimple</u>
38)	Naina Pradip Padgham		<u>NPadgham</u>
39)	Pallavi Digambar Aglave		<u>PAglave</u>
40)	Punam Kaduba Ambekar		<u>PKAmbekar</u>
41)	Rekha Gambhirao Kharat		<u>Rkharat</u>
42)	Roshani Anil shingne		<u>Rshingne</u>
43)	Pooja Shivdas Bangare		<u>P.S. Bangare</u>
44)	Ashvini Bharat more		<u>A.B. more</u>
45)	monika sadhakar Jadhav		<u>M.S. Jadhav</u>
46)	Kalyani Gajee Parade		<u>KParade</u>





Nehru Yuva Krida & Sanskrutik Mandal, Chikhli's

**Late. Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College**

Lavala Road, Sakharkherda. Tq. Sindkhed Raja, Dist. Buldana (M.S.) - 443202

Prof. N. S. Gawande
Secretary

Dr. N. N. Gawande
Principal

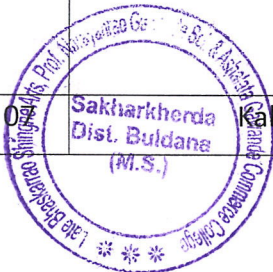
College Code No. 336 Contact No. 9822364082 Fax : 07264-266211 Email - lbsac336@sgbau.ac.in

Ref. No.

Date :

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

Sr. No.	Topic in the syllabus/Activity conducted	Program	Course and Class	Addressed Cross cutting Issue
01	Compulsory course on environment studies session 2016-17	All UG programs	2 nd year	Environment and sustainability
02	Punnikatheri Gatha	Pali & Prakrit	S. Y B. A. Sem III	Gender Issues
03	Kisagoutami	Pali & Prakrit	F. Y B. Com Sem II	Gender Issues
04	Khema Their	Pali & Prakrit	F. Y B. Com Sem II	Gender Issues
05	Patachara	Pali & Prakrit	S. Y B. Com Sem III	Gender Issues
06	Bakjatak	Pali & Prakrit	F. Y B. Com Sem I	Environment and sustainability
	Kaludayither	Pali & Prakrit	S. Y B. Com	Environment



			Sem IV	and sustainability
08	Sunit Ther	Pali & Prakrit	F. Y B. A. Sem I	Human Rights
09	Angulimalsutta	Pali & Prakrit	F. Y B. A. Sem I	Human Rights
10	Ulook Jatak	Pali & Prakrit	F. Y B. A. Sem II	Human Rights
11	Rajovad Jatak	Pali & Prakrit	T. Y B. A. Sem VI	Human Rights
12	Mahadevsutta	Pali & Prakrit	F. Y B. A. Sem I	Human Values & Professional Ethics
13	Vasesthasutta	Pali & Prakrit	F. Y B. A. Sem I	Human Values & Professional Ethics
14	Sihachammajatak	Pali & Prakrit	F. Y B. A. Sem II	Human Values & Professional Ethics
15	Jarasutta	Pali & Prakrit	T. Y B. A. Sem VI	Human Values & Professional Ethics
16	Rururajcharya	Pali & Prakrit	S. Y B. Com Sem IV	Human Values & Professional Ethics
17	Paryavaran-Parirshan or Pradushan-Nivaran	Hindi	FY B.A Sem-I	Environment and sustainability
18	Bahu Ki Vida	Hindi	F. Y B.A Sem-I	Gender Issues
19	Tulsidas ke Pad	Hindi	F. Y B.A Sem-I	Human Values & Professional



				Ethics
20	Vigyan v Paryavaran Ka Sah Sambandha	Hindi	S. Y B.Com Sem-IV	Environment and sustainability
21	Beti ka Dhan	Hindi	T. Y B. A Sem- V	Human Values & Professional Ethics
22	Subaltern Perspectives	Sociology	FY M.A Sem-I	Human Rights
23	Issue and Base of Social Movements	Sociology	FY M.A Sem-I	Gender Issue
24	Social Dynamics in Tribal Society	Sociology	SY M.A Sem- II	Human Values & Professional Ethics
25	Rural Development Strategies	Sociology	F. Y. M. A Sem-I	Environment and sustainability
26	Agust Comte	Sociology	F. Y. M. A Sem-I	Human Rights
27	Rural Social Problem and Issue	Sociology	F. Y. M. A Sem-I	Environment and sustainability
28	Social Research	Sociology	F. Y. M. A Sem-I	Human Values & Professional Ethics
29	Social Status of Women Marriage	History	F. Y B. A Sem- II	Genser Issues
30	Judicial Administration In Ancient India	History	FY B.A Sem-I	Human Rights
31	Allauddin Khilji's Political & Administrative Policy	History	FY B. A Sem-II	Human Values & Professional Ethics



32	Rise of Nazism in Germany	History	TY B.A Sem- VI	Human Values & Professional Ethics
33	Economical and Technological Development	History	F. Y B. A Sem- II	Environment and sustainability
34	Towards Equality: Constitutional Provisions and Acts	Gender Sensitization	FY All UG Program	Human Rights
35	Towards Equality: Convention & Declaration	Gender Sensitization	FY All UG Program	Genser Issues
36	What is Swaraj	English	T. Y B. A Sem- V	Human Rights
37	The Mountain and the Squirrel	English	T. Y B. A Sem- V	Environment and sustainability
38	The power of prayer	English	F. Y B.sc Sem- I	Human Rights
39	Once Upon a Time	English	F. Y B.sc Sem- I	Human Values & Professional Ethics
40	The Last Leaf	English	F. Y B. A Sem- II	Human Values & Professional Ethics
41	My Financial Career	English	T. Y B. A Sem- VI	Human Values & Professional Ethics
42	Values in life	English	S. Y. B. Com Sem-III	Human Values & Professional Ethics
43	ShetkaryanchaAsud	Marathi	TY B.A Sem-V	Environment



				and sustainability
44	Ajoba	Marathi	FY B.A Sem-II	Human Values & Professional Ethics
45	Gav	Marathi	TY B.A Sem-V	Environment and sustainability
46	Rajarshi Shahu: Vasa & Varasa	Marathi	TY B.A Sem-VI	Human Rights
47	Bap	Marathi	F. Y. B.sc Sem-I	Gender Issues
48	Swarajya Sankalpika Rashtramata Jijau	Marathi	T. Y. B.A Sem-VI	Human Rights
49	Drugs Design	Chemistry	M.Sc II Sem-IV	Environment and sustainability
50	Food & Cosmetic Analysis	Chemistry	M.Sc II Sem-IV	Environment and sustainability
51	Forensic & Fuel Analysis	Chemistry	M.Sc II Sem-IV	Environment and sustainability
52	Environment and Impact on Daily Life	Chemistry	Chemistry for All	Environment and sustainability



PRINCIPAL

Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharherda, Tq. & Raja Dist. Buldana

EVS

Core Module Syllabus for Environmental Studies for Under-graduate Courses of All Branches of Higher Education

Unit I : The Multidisciplinary nature of Environmental Studies, Definition, Scope and Importance Need for Public awareness.

Unit II : Natural Resources

Renewable and non renewable resources, Natural resources and associated problems.

(a) **Forest Resource :** Use and over exploitation, deforestation, Case studies. Timber extraction, mining, dams and their effects on forests and tribal people.

(b) **Water Resources :** Use and over utilization of surface and ground water, floods, drought, conflict over water, dams, benefits problems.

(c) **Mineral Resources :** Use and exploitation, environmental effects of extracting and using mineral resources, Case studies.

(d) **Food Resources :** World food problems, Changes caused by Agriculture & overgrazing effects of modern Agriculture; fertilizers, Pesticide problems, Water logging, Salinity, Case studies.

(e) **Energy Resources :** Growing energy needs, renewable and non renewable energy sources, use of alternate energy source, Case studies.

(f) **Land Resources :** Land as resource; Land degradation, man induced landslide, soil erosion and desertification.

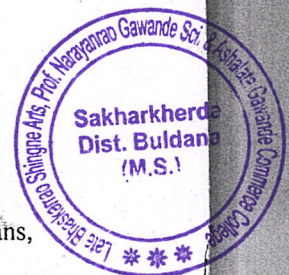
Role of an individual in conservation of natural resources, Equitable use of resources for sustainable life styles.

Unit III : Ecosystems

- Concept of Ecosystem
- Structure and function of ecosystem.
- Producers, Consumers and Decomposers
- Energy flow in ecosystem
- Food chains, Food webs and ecological pyramids
- Ecological succession
- Introduction, types & characteristics features.

Structure and function of the following ecosystems :

- (a) Forest ecosystem
- (b) Grassland ecosystem
- (c) Desert ecosystem
- (d) Aquatic ecosystem (ponds, streams, lakes, rivers, oceans, estuaries.)



Unit IV : Biodiversity and its conservation

- Introduction Definition, genetic species and ecosystem diversity.
- Biogeographical classification of India
- India as mega-diversity Nation.
- Value of biodiversity - Consumptive use, productive use, social, ethical and option values.
- Biodiversity at global, National & local levels
- Hot-spot biodiversity
- Threats to biodiversity - habitat loss, poaching of wild life, man & wild life conflicts
- Endangered and endemic species of India
- Conservation of biodiversity insitu and Ex-situ
- Conservation of biodiversity

Unit V : Environment and Pollution

Causes, Effects and control measures of -

- (a) Air Pollution
- (b) Soil Pollution
- (c) Water Pollution
- (d) Marine Pollution
- (e) Noise Pollution
- (f) Thermal Pollution
- (g) Nuclear Hazards

Solid Waste management - Cause, effects and control measure of urban industrial wastes.

Role of an individual in prevention of pollution.

Pollution case studies.

Disaster management - Floods, earthquake, Cyclone and landslides.

Unit VI : Social Issues and the Environment

- From unsustainable to sustainable development
- Urban problems related to energy
- Water conservation, rainwater harvesting, water shade management.
- Resettlement and rehabilitation of people, its problems and concerns, case studies.
- Environmental ethics, issues and possible solutions
- Climatic change-global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, case studies.
- Waste land reclamation
- Consumerism and waste products
- Environment Protection Act



- Air & prevention and control of Pollution Act
- Wild life protection Act
- Issues involved in enforcement of environmental legislation
- Public awareness

Unit VII: Human Population

- Population growth, Variation among Nations
- Population explosion, family welfare programme
- Human Rights
- Value education
- Environment and human health
- HIV/AIDs
- Women and child welfare
- Role of Information Technology in Environment and human health, case studies.

Unit VIII: Field work

- Visit to Local areas to document environmental assets rivers/ forest/grassland/hill/mountain.
 - Visit to local polluted site- Urban/Rural/Industrial/ Agricultural.
 - Study of common plants, insects, birds.
 - Study of Simple ecosystem - Pond, rivers, hil slopes etc.
- (Field work equal to 5 Lecture hours.)



A handwritten signature in green ink, appearing to be "S. S. S." with a flourish.

PRINCIPAL

Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharherda, Tq. S. Raja Dist Buldana

Sant Gadge Baba Amravati University, Amravati

Faculty: Science and Technology

Programme: B.Sc.

Course: Environmental Science

POs:

At the time of graduation, Students would be able to

PO1. Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

PO2. Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO3. Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.

PO4. Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO5. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

PO6. Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO7. Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes

Course Specific Outcomes

Upon completion of the course (Environmental Science) successfully, students would be able to

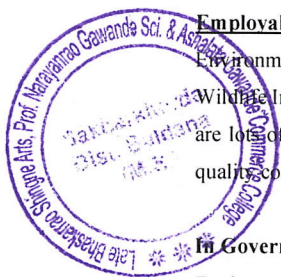
1. Apply environment related technical skills for sustainability.
2. Develop the skills to identify Environmental problems.
3. Use the fundamentals of interdisciplinary subjects to solve environmental problems
4. Understand concept and components of environment, history and meaning and interdisciplinary nature of Environmental Science.
5. Identify sources, nature and effects of pollutants on global and local environment.
6. Perform procedure for qualitative and quantitative analysis of pollutants.
7. Assess the effects of pollutants and suggest the control and preventive measures for environment.
8. Apply the environmental conservation strategies.

Employability Potential of the Course

Environmental consultancy, recruitment in environmental ministries/boards/organizations, NEERI, CSIR labs, Wildlife Institute, Forest Institute, GBPNHIED, UNDP, CPCB and SPCB's, NGO's, Corporate Sector as well as there are lots of scopes abroad, can also apply in industries like in waste management plants, water management plants, quality control lab.

In Government Sector-

- Environmental Scientist in Research Institutes
- Regional / Sub Regional Officer in Pollution Control Boards
- Pollution Control Officer in Corporation / Council
- Scientific Officer in MPCB/CPCB
- Professor at Universities and Senior Colleges
- Lecturer at Junior Colleges
- Technician in Ground water quality Analysis



- Technician in Health laboratories.
- Biodiversity board
- Air water and Soil quality testing

In Corporate Sector-

- Pollution Control Officer.
- ETP Operator
- Industrial Safety Officer.
- Environment Manager.
- Designing and Operation on STP and ETP

Expert / Entrepreneur-

Environment Impact assessment.

- Environmental Consultant.
- Environment Auditor
- ISO 14000 Certification
- Green and Energy Auditor
- Sustainability Consultant
- Forest Carbon Specialist
- Environmental Risk Modeller
- Senior Catastrophe Risk Modeller

Environmental Journalism.

- Wildlife Filmmaker.
- Environmental Journalists.
- Environmental Photographer.

Others-

- 30% syllabus of Ecology and Environment in UPSC
- Data Scientist in Environmental Science
- Conservation Hydrologist
- Quality control officer in any industry
- Pharma industries and Waste and water sectors
- Sanitation and Swachh Bharat Mission {Work in the projects like UNDP, UNICEF, BMGF, Disaster Management projects, waste water, solid waste management, Environment education.
- Marine Scientist



Syllabus Prescribe for B.Sc. First Year UG Programme

Programme: B.Sc.

Semester 1

Code of the Course/Subject	Title of the Course/Subject	(Total Numbers of Periods)
EVSTH1/Environmental Science	Environmental Ecology (Environmental Science)	84

COs

After completion of this course successfully, students would be able to

1. Analyse biodiversity and bioindicator.
2. Understand fundamental Concept in Ecology.
3. Analyse characteristics of Ecology.
4. Understand fundamental Concepts in Population Ecology.
5. Understand fundamental Concepts in community Ecology.
6. Analyze productivity of ecosystem, ecological succession.

Unit	Content	Periods
Unit I	<p>a) Definition, scope, principles and environmental ethics.</p> <p>b) Introduction to Ecology- Definition, principles and scope of ecology. Types of ecology</p> <p>Ecological factors- climatic, topographic and biotic.</p> <p>c) Biogeochemical cycles- Definition, types. Gaseous (carbon, oxygen, and nitrogen). Sedimentary (phosphorous and sulfur)</p>	14
Unit II	<p>a) Population Ecology- Definition, characteristic (natality, mortality, age structure, growth curve, dispersal, population size and density, biotic potential and life tables.</p> <p>b) Inter-specific relationship - Positive- Mutualism and Commensalism; Negative – Parasitism and Predation.</p>	14
Unit III	<p>Community Ecology: Definition, characteristics – species diversity, growth form, structure and dominance.</p> <p>Characters used in community structures-</p> <p>1. Analytical- a) Qualitative- frequency, abundance, density, basal area, dominance. b) Quantitative – Physiognomic, phenology stratification abundance vitality, life form.</p> <p>2. Synthetic- i) presence and Constancy, ii) fidelity iii) Dominance and other synthetic characters.</p> <p>Methods for community study- Quadrats.</p>	14
Unit IV	<p>a) Ecosystem- Definition, Types of Ecosystem, components and structure, food chain, food web, ecological pyramids, energy flow in ecosystem, energy flow model (Y-shaped). Ecological niche, Ecotone.</p> <p>b) Ecosystems: Terrestrial: forest, grassland, desert and cropland; Aquatic: marine, estuarine and fresh water.</p>	14
Unit V	<p>a) Productivity of ecosystem- Concept of productivity, types (primary, secondary), net productivity.</p> <p>Methods of measurement of productivity- Chlorophyll, O₂, CO₂ and radioactive.</p>	14

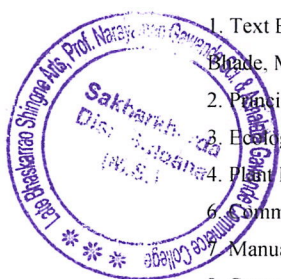


	<p>Biomass- concept, definition and study methods</p> <p>b) Ecological succession – Definition, causes, types. General process of succession. Hydro sere, Xerosere as a succession models.</p>	
Unit VI	<p>a) Biodiversity – Definition, levels of biodiversity. India as mega diversity nation. Biodiversity hot spots (Global, Indian). Causes of biodiversity loss.</p> <p>b. Biomes - Savannah, Taiga and Tundra with respect to their distribution, temperature, wind pattern, soil, precipitation, flora and fauna.</p> <p>c) Bio-indicators - climate, soil and pollution.</p>	14
*SEM	<p>Study of interlinking of local ecosystem with society</p> <p>Conservation and restoration of local ecosystem</p> <p>Study of sustainable practices for conservation of ecosystem</p> <p>Estimation of carbon sequestration of local area</p> <p>Observation and monitoring of biogeochemical cycles from different local habitats</p> <p>Study of abundance, density and frequency of different discipline from local community</p> <p>Observation and monitoring of different inter-specific interrelationship from different local habitats</p> <p>Biodiversity survey of the local area</p> <p>Observation and monitoring of successional stages from the nearby habitats.</p>	
COs	<p>Provide solutions to environmental problems using appropriate tools and techniques.</p> <p>Observed and monitor of conservation and management practices for environment restoration.</p> <p>Can work in consultancy services working on projects related to vegetational community structure & Ecosystem.</p>	
**Activities	<p>Visit to Ecosystem (Forest, Pond, River, Grassland, Cropland)</p> <p>Survey of local flora and fauna</p>	06

Course Material/Learning Resources

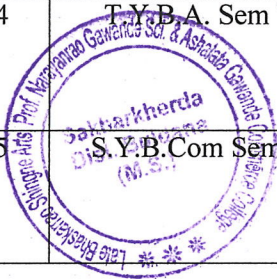
Text Books:

1. Text Book of Ecology and Environment. G.D. Muratkar, Dr.V.A. Meshram D.L. Bhande, Mr.R.B. Barabde Dnyanpath Publication, Amravati.
2. Principles of Environmental Biology-P.K.G. Nair, Himalaya Publ.
3. Ecology and Environment- P.D. Sharma , Rastogi Publ.
4. Plant Ecology and Soil Science- R.S. Shukla, P.S. Chandel, S Chand& company.
5. Communities and Ecosystem- Witalkar.
6. Manual of Field Ecology- R. Mishra.
8. Concept of Ecology- E.J. Koromondy, Principal Hall.
9. Modern Concept of Ecology- H.D. Kumar.
10. Text book of Plant Ecology- R.S. Ambusth.
11. Elements of Ecology- Brijgopal and Bharadwaj.
12. Elements of Ecology- P.L. Kochar.
13. Environmental Biology- K.C. Agrawal.
14. A Text book of Ecology and Environment by P.C. Joshi and Namita Joshi, Himalaya
15. Environment & Ecology by- Vaishali Anand, Mc Graw Hill
16. Environmental Ecology and Natural Resources by Awdhutwar and Kute



Department of Pali and Prakrit
List of Courses including Cross-cutting issues into the curriculum

Sr. No.	Programme Name	Course Name	Course Code	Remarks
Gender Equity				
1	S.Y.B.A. Sem III	Punnikatheri Gatha	1016	Gender Issues
2	F.Y.B.Com Sem II	Kisagoutami	1016	Gender Issues
3	F.Y.B.Com Sem II	Khema Theri	1016	Gender Issues
4	S.Y.B.Com Sem III	Patachara	1016	Gender Issues
Environmental and Sustainability				
5	F.Y.B.Com Sem I	Bakjatak	1016	Environment And Sustainability
6	S.Y.B.Com Sem IV	kaludayither	1016	Environment And Sustainability
Human Rights				
7	F.Y.B.A. Sem I	Sunit Ther	1016	Human Rights
8	F.Y.B.A. Sem I	Angulimalsutta	1016	Human Rights
9	F.Y.B.A. Sem II	Ulook Jatak	1016	Human Rights
10	T.Y.B.A. Sem VI	Rajovad Jatak	1016	Human Rights
Human Values and Professional Ethics				
11	F.Y.B.A. Sem I	Makhadevsutta	1016	Human Values and Professional Ethics
12	F.Y.B.A. Sem I	Vasesthasutta	1016	Human Values and Professional Ethics
13	F.Y.B.A. Sem II	Sihachammajatak	1016	Human Values and Professional Ethics
14	T.Y.B.A. Sem VI	Jarasutta	1016	Human Values and Professional Ethics
15	S.Y.B.Com Sem IV	Rururajcharya	1016	Human Values and Professional Ethics





Head
Department of Pali & Prakrit
Late B.S.Arts, Prof.N.G.Sci. & A.G.Comm.
College, Sakharkherda, Dist. Buldana



PRINCIPAL
Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharkherda, Tq. 8 Raja Dist. Buldana

Course Title	B.A.Part-I Semester-I
Course Title	Pali Prakrit Literature
Course Code	1055
Course Category	Discipline specific Core (DSC)
Type of Course	Theory
No. of Credits	Theory – 04
No. of Lectures	Theory-05
Course Assessment	End Term: 80 Marks (SEM) Internal – 20 Marks

अभ्यासक्रम

पालि प्राकृत वाङ्मय सेमिस्टर-१

Sr.No		Content	Period
1.	Module-I	१) पालि भाषा व्याकरणाची आवश्यकता व महत्त्व २) भारतीय भाषेत पालि भाषा व साहित्याचा विकास ३) पालि भाषेचा इतर भाषेशी संबंध	१५
2	Module-II	१) मज्झिमनिकाय ग्रंथाचे स्वरूप व महत्त्व २) मखादेव सुत्त ३) वासेट्ठ सुत्त	१५
3	Module-III	१) धम्मपद या ग्रंथाचे स्वरूप व महत्त्व २) बुध्दवग्ग ३) तण्णावग्ग ४) जरवग्ग	१५
4	Module-IV	अंगुलीमालसुत्त , सुनितथेर, आनंदथेर	०५
		Skill Enhancement Module	
5	Module-V	१) पालि भाषा संभाषण, संवाद कौशल्य आत्मसात करणे २) दैनंदिन जिवनात धम्मपदातील गाथांचा अभ्यास करून पठन कौशल्य लेखन कौशल्य वाचन कौशल्य आत्मसात करणे. ३) आधुनिक काळात संगणकाचा उपयोग करणे.	१०

संदर्भ ग्रंथ

- १) पालि साहित्य का इतिहास, भरतसिंह उपाध्याय, मोतीलाल बनारसीदास, नवी दिल्ली.
- २) पालि भाषा और साहित्य , इंद्रजित शास्त्री , हिंदी माध्यम कार्यान्वय, निर्देशालय दिल्ली विश्वविद्यालय, दर्यागंज नवी दिल्ली ११८७
- ३) मज्झिमनिकाय पालि : नालंदा महाविहार, विहार
- ४) मज्झिमनिकाय हिन्दी, अनु. : राहुल सांस्कृत्यायन
- ५) मज्झिमनिकाय अनु. : डॉ.विमलकीर्ती, प्रकाशन प्रगतिवादी प्रकाशन, २९, नागपूर .
- ६) धम्मपद , नालंदा संस्करण इगतपुरी
- ७) धम्मपद डॉ.आर.जे.वानखडे, सुगम प्रकाशन, अमरावती.
- ८) व्याकरण – भिखू धर्मरक्षित
- ९) व्याकरण – डॉ.विमलकीर्ती
- १०) निवडक गद्य पद्य
- ११) थेरगाथा पाली - स.ना.सोयंका विपस्यना विशोधन विन्यास, इगतपुरी १९९५



-5-
Part-B

Syllabus Prescribed Under Choice Based Credit System
Session - 2022-2023 Semester-II
Faculty – Humanities Programme B.A. Course /Subject (Pali & Prakrit) Compulsory

Faculty	Humanities
Programme	Pali & Prakrit (Compulsory)
Course Code	1016
Type of Course	Theory
No. of Credits	Theory – 03
Course Assessment B.A.Part-I Sem.I	End Term: 80 Marks (SEM) Internal – 20 Marks
No. of Lectures	Theory-04
Course Title Sem-II	जातक कथा व धम्मपद

अभ्यासक्रम
पालि प्राकृत आवश्यक सेमिस्टर-२

Sr.No	Module-I	Content	Period
1.	Module-I	अ) पालि वर्णमाला १) पालि भाषा वर्णमाला २) व्यंजन ३) स्वर परिवर्तनाचे नियम ४) व्यंजन परिवर्तनाचे नियम	१४
2	Module-II	ब) जातक कथा १) सिंहचम्म जातक २) सुसुमार जातक ३) मनीचोर जातक ४) उलुक जातक	१४
3	Module-III	क) धम्मपद १) धम्मपद ग्रंथाचे महत्व व स्वरूप २) यमकवग्ग ३) चित्तवग्ग ४) अपमवादवग्ग	१४
4	Module-IV	महामंगलसुत्त, कशीभारद्वाजसुत्त , धनियसुत्त - Skill Enhancement Module	०३
5	Module-V	कौशल्यावर आधारित उपक्रम – १) भाषा कौशल्य लेखन २) वर्ण विज्ञान (स्वर व व्यंजन) ३) पालि संवाद कौशल्य) ४) पालि लेखन कौशल्य ५) पालि वाचन कौशल्य	०३

संदर्भ ग्रंथ

- १) पालि साहित्याचा इतिहास- डॉ.भरतसिंह उपाध्याय, हिन्दी साहित्य सम्मेलन, प्रयाग, २०००
- २) पालि साहित्याचा इतिहास - राहुल सांस्कृत्यायन , हिन्दी साहित्य सम्मेलन, उत्तर प्रदेश लखनऊ २००३
- ३) पालि साहित्याचा संक्षिप्त इतिहास- डॉ.बालाजी गव्हाळे, शौर्य प्रकाशन, नागपूर.
- ४) पालि भाषेची ओळख- बालाजी गव्हाळे , शौर्य प्रकाशन, लातूर
- ५) पालि व्याकरण – डॉ.विमलकीर्ती प्रगतीवादी प्रकाशन, नागपूर. २०११
- ६) पालि जातक कथा – नव नालंदा महाविहार नालंदा.
- ७) पाली जातक कथा हिंदी अनुवाद- डॉ.भदंत आनंद कौशल्यायन
- ८) Pali Grammer Part-2 in Dr.Babasaheb Ambedkar Writing & speeches Vol.no.16
Published by Govt. of India
- ९) धम्मपद पालि मराठी, डॉ.विमलकीर्ती, दिक्षाभूमी संदेश, समता प्रकाशन, लष्करीबाग, नागपूर. २०१३
- १०) धम्मपद अनुवाद- डॉ.आर.जे.वानखेड, सुगम प्रकाशन, अमरावती.
- ११) पालि भाषा कौशल्य - डॉ.बालाजी गव्हाळे, सारनाथ प्रकाशन, परभणी २०१७
- १२) पालि आवश्यक श्लोक प्रिंटर्स अँड स्टेशनरी पब्लिकेशन, अमरावती
- १३) सुत्तनिपात पालि - स.ना.गोयंका विपरस्यना, विशाखन, विन्यास, इगतपुरी, नाशिक



Part- B
Syllabus Prescribed Under Choice Based Credit System
(CBCS)
Session-2023-2024
Faculty- Humanities
Programme B. A. Course/Subject (Pali & Prakrit) Compulsory
(Semester- III)

Faculty	Humanities
Programme	Pali & Prakrit (Compulsory)
Course Code	1016
Type of Course	Theory
No. of Credits	3.2
Course Assessment B. A. Part-II Sem. III	End Term : 80 Marks, (SEM) Internal-20 Marks, Time- Three Hours
No. of Lectures/Periods	Theory- 04/ Total Periods 60
Course Title Sem. III	Jataka, Theragatha, Dhammapada, Milindprashna

Sr. No.	Module	Content	Period
1.	Module-I	जातक कथा * मालूक जातक * वातमिग जातक	14
2.	Module-II	थेरिगाथा व धम्मपद *पुन्निका थेरी * यमक वग्गो	14
3.	Module-III	मिलिंद प्रश्न- * सागल नगरी चे वर्णन *नागसेनची आयुष्यमान रोहन शी भेट.	14
4.	Module-IV	४ पाली साहित्यावर आधारित सामान्य माहिती * चार आर्यसत्य * आर्य अष्टांगिक मार्ग * बोधिसत्व * पारमिता	14
		Skill Enhancement Module	
5.	Module-V	कौशल्यावर आधारित उपक्रम.	04



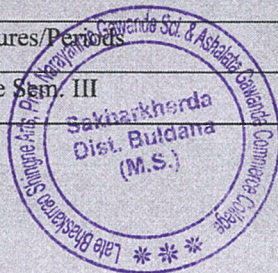
		*पाली भाषा लेखन कौशल्य. *पालीभाषा वाचन कौशल्य . *बुध्दवंदना पठण . *बौद्ध विहार भेट अहवाल लेखन.	
--	--	---	--

संदर्भ ग्रंथ:-

- १) पाली साहित्य का इतिहास, डॉ. भरतसिंग उपाध्याय, हिन्दी साहित्य सम्मेलन, प्रयाग, १९६१.
- २) पाली साहित्य का इतिहास, राहुल सांस्कृत्यायन. उत्तरप्रदेश शासन, हिन्दी भवन, लखनऊ तृतीय संस्करण, १९९२.
- ३) पाली साहित्याचा इतिहास, डॉ. बालाजी गव्हाळे.
- ४) पाली जातक कथा, नवनालंदा महाविहार नालंदा, पटना. १९६१.
- ५) जातक कथा, पाली हिंदी भाग - १ ते ६, डॉ. भदंत आनंद कौशल्य. हिन्दी साहित्यसम्मेलन, प्रयाग. १९६१.
- ६) जातक कथासंग्रह, भाग - एक, दोन, तीन, धम्मनांद कोसंबी. महाराष्ट्रराज्य, साहित्य आणि संस्कृती मंडळ, मुंबई, १९७८.
- ७) थेरिगाथा, पाली - हिंदी, डॉ. विमल कीर्ती, सम्येक प्रकाशन, नई दिल्ली. २००३.
- ८) धम्मपद, पाली - मराठी (अनुवाद) डॉ. विमल कीर्ती, समताप्रकाशन, दिक्षाभूमी संदेश, नागपूर. २०१३.
- ९) मिलिंद प्रश्न, स्थविर सदानंद, सुगतप्रकाशन, नागपूर, १९९६.
- १०) मिलिंद प्रश्न, डॉ. भिक्खू जगदीश कास्सप, जेतवण महाविहार, श्रावस्ती. १९३७.
- ११) <https://tipitaka.org/deva/>

**Syllabus Prescribed Under Choice Based Credit System
 (CBCS)
 Session-2023-2024
 Faculty- Humanities
 Programme B. A. Course/Subject (Pali&Prakrit) Compulsory
 (Semester- IV)**

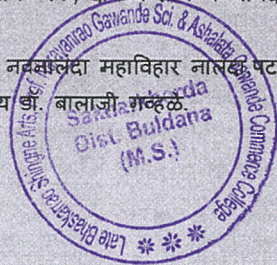
Faculty	Humanities
Programme	Pali & Prakrit (Compulsory)
Course Code	1016
Type of Course	Theory
No. of Credits	3.2
Course Assessment B. A. Part-II Sem. III	End Term : 80 Marks, (SEM) Internal-20 Marks, Time- Three Hours
No. of Lectures/Periods	Theory- 04/ Total Periods 60
Course Title Sem. III	Jataka, Theragatha, Dhammapada, Milindprashna



Sr. No.	Module	Content	Period
1.	Module-I	जातक कथा :- * सीगाल जातक * सकुन जातक	14
2.	Module-II	थेरगाथा व धम्मपद :- *उपाली थेर * पुप्फवग्गो	14
3.	Module-III	मिलिंद प्रश्न :- * महाउपासिकेला नागसेनाचा धर्मोपदेश *आयुष्मान नागसेनाशी मिलिंद राजाची पहिली भेट.	14
4.	Module-IV	पाली साहित्यावर आधारित सामान्य माहिती :- * चीवर * एवं में सुत्तं * पंचशील * दहा शीक्षा पद	14
		Skill Enhancement Module	
5.	Module-V	कौशल्यावर आधारित उपक्रम :- *पाली भाषा लेखन कौशल्य *पालीभाषा वाचन कौशल्य *पाली भाषा संभाषण कौशल्य *बौद्ध विहार भेट अहवाल लेखन	04

संदर्भ ग्रंथ:-

- १) पाली साहित्य का इतिहास, डॉ. भरतसिंह उपाध्याय, हिन्दी साहित्य संमेलन प्रयाग, इलाहाबाद, छटा संकरण २०००.
- २) जातक कथा पाली हिंदी भाग - १ ते ६, डॉ. भदंत आनंद कौशल्य, हिन्दी साहित्यसम्मेलन, प्रयाग, १९६१.
- ३) धम्मपद पाली मराठी (अनुवाद) डॉ. विमल किती. समताप्रकाशन, दिक्षाभूमी संदेश, नागपूर, २०१३.
- ४) मिलिंद प्रश्न पूज्य भंते महास्थवीर सदानंद सुगतप्रकाशन, नागपूर, १९९६.
- ५) मिलिंद प्रश्न भिक्षु जगदीश कास्सप, जेतवनमहाविहार, श्रावस्ती, १९३७.
- ६) पाली साहित्य का इतिहास राहुल सांस्कृत्यायन.
- ७) थेर गाथा पाली हिंदी डॉ. विमल कीर्ती सम्मेलक प्रकाशन, नई दिल्ली, २००३.
- ८) <https://tipitaka.org/Deva/>
- ९) जातक कथासंग्रह भाग- एक, दोन व तीन धम्मआनंद कोसंबी, महाराष्ट्रराज्य, साहित्य आणि संस्कृती मंडळ, मुंबई, १९७८.
- १०) पाली जातक कथा नवलदा महाविहार नाले, पटना, १९६१.
- ११) पाली भाषा कौशल्य डॉ. बालाजी गवळें.



वी.ए. भाग-३
पाली आणि प्राकृत (आवश्यक)
सेमिस्टर-६

वेळ : ३ तास		लेखी परीक्षा - ८० अंतर्गत मुख्यमापन ० २० एकूण १००
युनिट-१	जातक : १) उच्छुंग जातक २) राजोवाच जातक	१६ गुण
युनिट-२	मज्झिमनिकाय : १) अस्तलायन सुत्त सुत्तनिपात : जरा सुत्त	१६ गुण
युनिट-३	शिलपारनिता : १ ते ५	१६ गुण
युनिट-४	पाली साहित्यकार व पाली निबंध १) डॉ. गिक्खु जगदीश काश्यप २) डॉ. मदन आनंद कासल्यायन ३) धम्मनांद कोरंबी	१६ गुण
युनिट-५	युनिट १ ते ४ वर आधारित वस्तुनिष्ठ प्रश्न	

अंतर्गत मुख्यमापन

- १) स्वाध्याय : १० गुण
- २) मौखिक : १० गुण

प्रश्नपत्रिकेचे स्वरूप

वेळ ३ तास		८० गुण
प्रश्न-१	अ) माघांतर करा (कोणतेही एक) ब) सामान्य प्रश्न सोडवा (दोन पैकी एक)	१० गुण ०६ गुण
प्रश्न-२	अ) दीर्घात्तरी प्रश्न सोडवा (दोन पैकी एक) ब) लघुत्तरी प्रश्न सोडवा (दोन पैकी एक)	१० गुण ०६ गुण
प्रश्न-३	सामान्य प्रश्न सोडवा (कोणतेही दोन)	१६ गुण
प्रश्न-४	अ) कोणतेही दोन प्रश्न सोडवा (दीर्घात्तरी) ब) पाली निबंध (कोणताही एक)	१० गुण ०६ गुण
प्रश्न-५	वस्तुनिष्ठ प्रश्न सोडवा (कोणतेही आठ)	१६ गुण

संदर्भ ग्रंथ

- १) जातक (नालंदा संस्कारक नालंदा)
- २) मज्झिमनिकाय : द्वारकादास शास्त्री
- ३) सुत्तनिपात : डॉ. सविता कांबळे
- ४) चरियापिटक : (नालंदा संस्कारक नालंदा)
- ५) पाली साहित्याचा इतिहास : भरतसिंह उपाध्याय
- ६) पाली साहित्याचा इतिहास : गिक्खु धर्मरक्षित



Commerce Syllabus B. Com. I. Sem. I

Unit	Content	No. of Periods
Unit-I जातक कथा	१) बकजातक २) उलूकजातक	०९
Unit-II खुदकपाठ सुत्तानिपात	१) सरपतय २) दससिखवापद ३) करीभारद्वाज सुत्त	०९
Unit-III धम्मपद	१) पित्तवग्ग २) पुष्पकवग्ग	०९
Unit-IV धम्मपद	१) ब्राम्हणवग्ग २) भिरखुवग्ग	०९
Unit - V	Skill Enhancement Module पाली संस्कार विधी कौशल १) नमन २) त्रिशरण ३) पंचशील	०९



Unit	Contents	No. of Periods
Unit-I जातक कथा	१) सुप्पारक जातक २) कुटवाणिज्य जातक	०९
Unit-II श्रीगीथा	१) खेमाशेरी २) किसानगीतमी	०९
Unit-III धम्मपद	१) बालवग्ग २) पडितवग्ग	०९
Unit-IV धम्मपद	१) पुफ्फवग्ग २) अरहन्तवग्ग	०९
Unit - V	Skill Enhancement Module पाली भाषा व संगणक	०९

Course Outcomes of SEM

1. त्रिपिटक साहित्याचा अभ्यास करणे
2. धम्मपदातील नैतिक शिकवण अभ्यासणे

संदर्भग्रंथ -

- १) जातक कथा पालि - नालंदा संस्करण, इगतपुरी
- २) श्रीगीथा - प्रो. डॉ. विगलकिती - सम्यक प्रकाशन - नवी दिल्ली
- ३) धम्मपद - डॉ. भद्रन्त आनंद कौसल्यान
- ४) पाली साहित्याचा इतिहास - भरतसिंह उपाध्याय
- ५) जातक कथा, धर्मानंद कोसंबी, नेहा प्रकाशन - नागपूर-२०११
- ६) धम्मपद, डॉ. रेखा वानखडे, सुगम प्रकाशन
- ७) धम्मपद, गाथा व कथा, लेखक, डॉ. सद्दारकिखता, प्रकाशक, सम्यक धम्मदुत ट्रस्ट, अमरावती-२०१९.
- ८) जातक कथा - धर्मानंद कोसंबी, नेहा प्रकाशन नागपूर-२०११.
- ९) श्रीगीथा-अनुवादक प्रा.डॉ.शेषराव मेथ्राम, प्रकाशक- सचिव महाराष्ट्र राज्य साहित्य आणि संस्कृती मंत्रालय, मुंबई, १९९३
- १०) पाली भाषा कौशल्य- डॉ.बालाजी गव्हाळे - सारनाथ प्रकाशन - परभणी - २०१७.
- ११) Email Wikipedia, ebooks, Apps, News paper, Magazines, Paint Social Media, You Tube etc.



संत गाडगेबाबा अमरावती विद्यापीठ अमरावती

पसंतीवर आधारित श्रेयांकपद्धती (CBCS) अभ्यासक्रम 2023-24

बी. कॉम. भाग 2 पालि (भाषा)

सत्र 3

गुण विभागणी

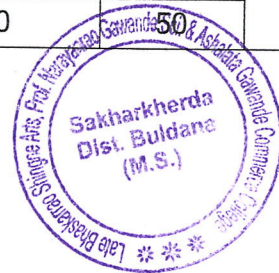
एकूण गुण 50

लेखी गुण 40

अंतर्गत मूल्यमापन 10

वेळ दोन तास

अ. क्र.	घटक	अध्यापन तासिका	गुण	श्रेयांक
Unit-I जातक कथा	1) बावेरु जातक 2) राजोवाद जातक 3) तितिर जातक	06 तासिका	10	2.0
Unit-II थेरीगाथा - सुत्तनिपात	1) पटाचाराथेरी 2) पुणिकाथेरी 3) मेत्त सुत्त	06 तासिका	10	
Unit-III धम्मपद	1) यमकवग्ग 2) बुद्धवग्ग	06 तासिका	10	
Unit-IV सामान्य माहिती	1) चत्तारिअरिय सत्तानी 2) अरिय अट्ठागिको मग्गो	06 तासिका	10	
	कौशल्यविकासावर आधारित वाचनकौशल्य शेक्षणिक भेट	06 तासिका	10	
		30		



संत गाडगेबाबा अमरावती विद्यापीठ अमरावती

पसंतीवर आधारित श्रेयांकपद्धती (CBCS) अभ्यासक्रम 2023-24

बी. कॉम. भाग 2 पालि (भाषा)

सत्र 4

गुण विभागणी

एकूण गुण 50

लेखी गुण 40

अंतर्गत मूल्यमापन 10

वेळ दोन तास

अ. क्र.	घटक	अध्यापन तासिका	गुण	श्रेयांक
Unit-I जातक कथा	1) मुनिक जातक 2) मालुत जातक 3) सकूण जातक	06 तासिका	10	2.0
Unit-II थेरगाथा - खुद्दकपाठ	1) कालूदायी थेर 2) अंगुलीमाल थेर 3) महामंगल सुत्त	06 तासिका	10	
Unit-III चर्यापिटक	1) सिवीराज चर्या 2) रुरराज चर्या	06 तासिका	10	
Unit-IV सामान्य माहिती	1) दस पारमिता 2) चीवर 3) बोधीसत्व	06 तासिका	10	
	कौशल्यविकासावर आधारित वाचनकौशल्य शेक्षणिक भेट	06 तासिका	10	
		30	50	



(Handwritten signature)

Department of Hindi

List of courses including crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Sr. No.	Programme Name	Course Name	Course code	Remarks
Gender Equity				
01	F. Y. B.A Sem-I	Bahu KI Vlda	1012	Gender Equity
Environmental and Sustainability				
03	FY B.A Sem-I	ParyavaranParirshan or PradushanNivaran	1012	Environmental and Sustainability
	S. Y B.Com Sem-IV	Vigyan v Paryavaran Ka Sah Sambandha	1012	Environmental and Sustainability
Human Values and Professional Ethics				
04	FY B.A Sem-I	Tulsidas ke Pad	1012	Human Values and Professional Ethics
05	T. Y B. A Sem-V	Beti ka Dhan	1012	Human Values and Professional Ethics

P. Palghat
Head

Department of Hindi
Late B.S.Arts, Prof.N.C.Sci. & A.G.Comm.
College, Sakharkherda, Dist. Buldana

PRINCIPAL

Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharkherda, Tq. & Raja Dist. Buldana



Part B

Syllabus Prescribed for 2022-23 Year

B.A. I Compulsory Hindi

Semester I

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
1012	हिंदी	60

Cos –

1. साहित्य की विभिन्न विधाओं से परिचित होंगे।
1. पद्य विभाग की सभी कविताओं के माध्यम से छात्रों की संवेदनाएं संस्कारित होगी।
2. कौशल विकास के अंतर्गत सम्मिलित घटकों के माध्यम से छात्रों में तकनीकी ज्ञान का विकास होगा।
3. विभिन्न स्पर्धा परीक्षाओं में पूछे जाने वाले व्याकरण के प्रश्नों से छात्रों में स्पर्धा परीक्षा के प्रति रुचि उत्पन्न होगी।
4. छात्रों में वैयक्तिक और सामाजिक दायित्व का निर्वहन करने की क्षमता विकसित होगी।

कुल अंक - 100 (प्रश्नपत्र - 80, अंतर्गत मूल्यांकन - 20)

निर्धारित पाठ्य पुस्तक : 'वसंत'

राघव पब्लिकेशन नागपुर

इकाई (Unit)	पाठ्यक्रम (Syllabus)	कूल तासिकाएँ (Total Period)
-------------	----------------------	-----------------------------



इकाई 1	<p>गद्य विभाग 1 से 6</p> <ol style="list-style-type: none"> उसने कहा था- चंद्रधर शर्मा गुलेरी (कहानी) धनिया की साडी- मन्नु भंडारी (कहानी) पर्यावरण- परिरक्षण और प्रदुषण-निवारण - आचार्य निशांत केतु मैं ओलम्पिक नहीं गया- शरद जोशी (व्यंग्य) जहाँ आकाश नहीं दिखाई देता- विष्णु प्रभाकर (रिपोर्ताज) बहु की विदा- विनोद रस्तोगी (एकांकी) 	12
इकाई 2	<p>पद्य विभाग 1 से 6</p> <ol style="list-style-type: none"> कबीर के दोहे तुलसीदास के पद सूरदास के पद पुष्प की अभिलाषा- माखनलाल चतुर्वेदी मैं दीपक हूँ जलूंगा- ज्ञानचंद मर्मज्ञ प्रयत्न-निशा गुप्ता 	12
इकाई 3	<p>हिंदी भाषा का परिचय</p> <p>मानक हिंदी वर्णमाला</p> <p>हिंदी भाषा का स्वरूप</p> <p>विराम चिन्हों का परिचय</p>	12
इकाई 4	<p>हिंदी व्याकरण का सामान्य परिचय</p> <ol style="list-style-type: none"> समानार्थी शब्द विलोम शब्द लिंग वचन विशेषण अनेक शब्दों के लिए एक शब्द शब्द शुद्धि 	12



हिंदी कौशल विकास (SEM)

COs:

छात्र स्पर्धा परीक्षाओं में हिंदी भाषा की उपादेयता की जानकारी प्राप्त कर सकेंगे।

2. छात्र वैयक्तिक पत्रलेखन के स्वरूप एवं प्रकार को विश्लेषित कर सकेंगे।
3. हिंदी पत्राचार के अर्थ, परिभाषा से हिंदी भाषा का मूल्यांकन कर सकेंगे।
4. छात्र सामाजिक पत्र-लेखन का कार्य कुशलतापूर्वक करेंगे।

	हिंदी कौशल विकास (SEM) पत्राचार का अर्थ, परिभाषा, स्वरूप, पत्र लेखन के प्रकार 1. वैयक्तिक पत्रलेखन 2. सामाजिक पत्रलेखन 3. स्पर्धा परीक्षाओं में हिंदी भाषा की उपादेयता की जानकारी देना	12
--	---	----

प्रश्नपत्र प्रारूप

इकाई 1 अ) दीर्घोत्तरी प्रश्न विकल्प के साथ	7 x 1 = 7
ब) लघुत्तरी प्रश्न विकल्प के साथ	4 x 2 = 8
इकाई 2 कविताओं का केंद्रीय भाव	5 x 3 = 15
इकाई 3 दीर्घोत्तरी प्रश्न विकल्प के साथ	7 x 1 = 7
ब) लघुत्तरी प्रश्न विकल्प के साथ	4 x 2 = 8
इकाई 4 प्रत्येक प्रश्न को दो अंक दिये जाये	6 x 2 = 12
विशेषण	3 x 1 = 3
सम्पूर्ण पाठ्यक्रम पर आधारित अतिलघुत्तरी / वस्तुनिष्ठ	20 x 1 = 20
अंतर्गत मूल्यांकन- हिंदी कौशल (SEM)	20

Course Material/Learning Resources



Text books:

Reference Books:

Weblink to Equivalent MOOC on SWAYAM if relevant:

Weblink to Equivalent Virtual Lab if relevant:

Any pertinent media (recorded lectures, YouTube, etc.) if relevant:

अनुक्रमणिका

आधारभूत पाठ्यक्रम

१. ग्राम-लक्ष्मी की उपासना	- आचार्य विनोबा भावे	३
२. सूचना प्रौद्योगिकी-संचार माध्यम और हिन्दी	- बापूराव देसाई	८
३. जनभाषा के रूप में हिन्दी	- डॉ. श्रीराम परिहार	१२
४. भारत समाज और संस्कृति की कहानी	- डॉ. प्रभुदयाल अग्निहोत्री	१७
५. हिन्दी-मराठी अंतर्संबंध	- डॉ. दामोदर खड़से	२३
६. विज्ञान व पर्यावरण का सह-सम्बन्ध	- हरिश्चन्द्र व्यास	२९

भाषागत पाठ्यक्रम

१. बड़े भाई साहब	- प्रेमचन्द	३५
२. सन्नाटा	- मालती जोशी	४३
३. बिन पानी सब सून	- नीरज व्यास	४९
४. भूली भटियारिन का कुआँ	- मनीष वैद्य	५२
५. कौमुदी : एक प्रश्न	- सूर्यबाला	५६
६. प्रमोशन	- चित्रा मुद्गल	६१
७. चरण भाई चाबीवाला	- गोविंद सेन	६९
८. कर्म किये जा फल की इच्छा...	- डॉ. ज्योति व्यास	७३
९. नैन नैनीताल की छवि में पगे	- आचार्य विष्णुकांत शास्त्री	७८
१०. हिरणी	- रत्नकुमार सांभरिया	८४

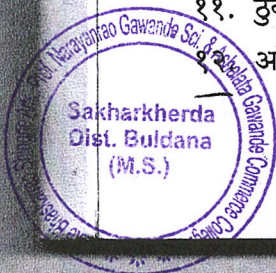
पद्य विभाग

१. सूर के पद	- सूरदास	९१
२. रहीम के दोहे	- रहीम	९२
३. मिट्टी की महिमा	- शिवमंगल सिंह 'सुमन'	९३
४. विस्तार	- डॉ. मधुलता व्यास	९४



अनुक्रमणिका

<u>गद्य विभाग</u>		<u>पृष्ठ क्र.</u>
१. गपशप (निबंध)	- नामवर सिंह	३
२. मैं : एक बेरोजगार आदमी (व्यंग्य)	- सर्वेश्वरदयाल सक्सेना	७
३. बेटी का धन (कहानी)	- प्रेमचंद	११
४. वसन्त (एकांकी)	- अज्ञेय	१९
५. नीलू (संस्मरण)	- महादेवी वर्मा	२६
६. सयानी बुआ (कहानी)	- मन्नू भंडारी	३२ —
* ७. घर की तलाश (कहानी)	- राजेन्द्र यादव	३७
८. रसोईघर में प्रजातंत्र (एकांकी)	- विष्णु प्रभाकर	४०
९. ऐनक (व्यंग्य)	- बेठब बनारसी	४६
१०. रूपा की आजी (कहानी)	- रामवृक्ष बेनीपुरी	४९
११. महानगर की मैथिली (कहानी)	- सुधा अरोड़ा	५६
१२. इन्स्पेक्टर मातादीन चाँद पर (व्यंग्य)	- हरिशंकर परसाई	७० —
 <u>पद्य विभाग</u>		
१. कर्मवीर	- अयोध्यासिंह उपाध्याय 'हरिऔध'	८३
२. दिवानों की हस्ती	- भगवतीचरण वर्मा	८४
३. पीपल के पीले पत्ते	- नागार्जुन	८६
४. गज़ल	- दुष्यंत कुमार	८८
५. चुपचाप	- रामेश्वरलाल खण्डेलवाल 'तरूण'	८९
६. सूरज पाना है	- परशुराम शुक्ल	९० —
* ७. मातृ-वन्दना	- सूर्यकांत त्रिपाठी 'निराला'	९१
८. हम नदी के साथ-साथ	- अज्ञेय	९२
९. जो शिलाएँ तोड़ते हैं	- केदारनाथ अग्रवाल	९३
१०. एक वृक्ष की हत्या	- कुँवर नारायण	९४
११. उकरा दो या प्यार करो	- सुभद्राकुमारी चौहान	९६
आँखों से सिर्फ	- ज़हीर कुरेशी	९८ —



Department of Sociology

List of courses including crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Sr. No.	Programme Name	Course Name	Course code	Remarks
Gender Equity				
01	F. Y. M. A Sem-I	Issue and Base of Social Movements	SMI	Gender Equity
Environmental and Sustainability				
02	F. Y. M. A Sem-I	Rural Social Problem and Issue	RSI	Environmental and Sustainability
03	F. Y. M. A Sem-I	Rural Development Strategies	RSI	Environmental and Sustainability
Human Rights				
04	F. Y. M. A Sem-I	Subaltern Perspectives	PIS	Human Rights
05	F. Y. M. A Sem-I	Agust Comte	CST	Human Rights
Human Values and Professional Ethics				
06	F. Y. M. A Sem-II	Social Dynamics in Tribal Society	CATS	Human Values and Professional Ethics
07	F. Y. M. A Sem-I	Social Research	MSR	Human Values and Professional Ethics

Handwritten signature

Head
Department of Sociology
Late B.S.Arts, Prof.N.G.Sci. & A.G.Comm.
College, Sakharkherda, Dist. Buldana

Handwritten signature

PRINCIPAL
Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharkherda, Ta. & Raia Dist Buldana



Sant Gadge Baba Amravati University, Amravati
Syllabus Prescribed under Choice based Credit System 2022-23

Faculty : Humanities

Programme: M.A. (Sociology)

Part A

POs :

- 1 : **Critical and Analytical Thinking** : Sociological knowledge at Post Graduate level helps of students to develop critical and analytical thinking on various issues of society which promote their ideas and decisions (intellectual, organizational, and personal) from different perspectives.
- 2 : **Effective Communication** : The subject of Sociology is an Interdisciplinary as well as Trans-disciplinary discipline. It is also concerned with Literature available in different languages. Students who study this subject, can effectively develop their communication skills which are quite relevant in terms of employability, personality development and sustainability in society.
- 3 : **Social Responsibility** : Sociological knowledge and work experiences helps students to effectively improve their social responsibility in various spheres of social life..
- 4 : **Effective Citizenship and Nation Building** : Exposure to sociological knowledge and work experiences contributes to effective citizenship and nation building..
- 5 : **Social Ethics** : The discipline of Sociology with the help of various papers involves teaching, research and extension activities based on social ethics.
- 6 : **Environment and Sustainability** : PG course in Sociology also covers various issues related to environment and sustainable development.
- 7 : **Life-long Learning** : Sociology helps to independent thinking and life-long learning in various aspects of life in society.

PSOs:

- 1: Postgraduate students will be able to demonstrate and apply their knowledge of Rural Sociology, Urban Sociology, Sociology of Health, Sociology of Religion, Sociology of Movements, Tribal Studies and Sociology of Development to solve various social problems related to Indian society.
- 2: Postgraduate students will be able to demonstrate and apply the principles of Research Methodology in the design and analysis of their research on various social issues.
- 3: Students will be able to gain fundamental knowledge in Industrial Sociology for higher productivity and better management of industrial Modules.
- 4: Students having knowledge in Sociology of Health will be able to (a) understand social background of various patients and diseases and b) they can serve better in different levels of health centers.
- 5: Students having sound theoretical knowledge in various Sociological concepts and theories can do better research and explain analytically various problems in society.

Employability Potential of the Programme:

The PG syllabus of Sociology is designed as per the need of academics and the guidelines given by UGC and for various other competitive examinations. The curriculum provides a common platform to accumulate higher knowledge in various interdisciplinary subjects which has tremendous relevance at local, regional, national and international fields of development. The syllabus of Sociology is mainly concerned with imparting both theoretical and field work knowledge to students in the subject. The programme has a great potential in respect of employability of students in terms of following points.

- i) By imparting qualitatively higher knowledge in the subject at M.A (PG) level.
- ii) By equipping the students with the latest sociological knowledge, research aptitudes and skills.
- iii) By providing opportModuleies and encouraging students for carrying on research works in different research centers and undertake research projects sponsored by different agencies at state, national and international levels.
- iv) By giving training to the students for various competitive examinations i.e SET \NET \ MPSC \ UPSC etc.
- v) By encouraging our students for various extracurricular and extension activities at different levels.
- vi) By providing guidance to students for various social work oriented projects or programmes Government Organizations at different levels.
- vii) By enabling students to perform better in their respective jobs related to specialized Subject Papers.
- viii) The syllabus is also concerned with Literature available in different languages. Students who study this subject, can effectively develop their communication skills which are quite relevant in terms of employability, personality development and sustainability in society.
Sociology is also concerned with ICT which helps students to develop knowledge and skill as essential for employability.
By encouraging students to carry on various social works through NGOs at regional, national and international levels.



Part B
Programme: M.A. (Sociology)
Semester 1

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CST	Core Paper-1 Classical Sociological Thinkers	60
MSR	Core Paper -2 Methodology of Social Research	60
PIS	Elective Paper 3-A Perspectives of Indian Society	60
RSI	Elective Paper 3-B Rural Society In India	60
SOR	Elective Paper-4-A Sociology of Religion.	60
SMI	Elective Paper 4-B Social Movements in India	60

PG Programme: M.A. Sociology
Semester -2

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
CST	Core Paper-1 Classical Sociological Thinkers	60
MSR	Core Paper -2 Methodology of Social Research	60
HS	Elective Paper 3-A Health and Society	60
USI	Elective Paper 3-B Urban Society In India	60
CATS	Elective Paper-4-A Cultural Anthropology & Tribal Studies	60
SMI	Elective Paper 4-B Social Movements in India	60

It is the task to encourage ethical scholarship and to inform students and staff about the institutional standards of academic behavior and excellence expected of them in learning, teaching and research. Students have a responsibility to maintain the highest standards of academic integrity in their work. Students must not cheat in examinations or other forms of assessment and must ensure that they do not plagiarize "Rules and Regulations" of our University.

- The M.A. degree will be awarded to students who complete a total of 64 credits in a minimum of two years taking four courses per Semester (4 x 4=16 credits).
- Each paper will be of 4 credits, the evaluation of which will be decided by the teacher.
- A student may take three courses (totaling to twelve credits) per semester from the Sociology and therefore one course of four credits from any other department per semester.
- In case a student wishes to take all courses from the Sociology they can also do so.
- All courses are open for all students from outside. Eligibility for registering for each course will be decided by the departmental committee.
- For the students doing M.A. degree in Sociology, the courses are divided into Compulsory and Optional / Elective Papers. The optional Papers /courses are put together in groups of three courses each for specialization in Semester one and two.
- In case the student wishes to take all optional from Sociology, s/he can do so by registering for any of the courses of other groups in each of the Semesters.
- Each course will have : 60% of marks as semester end examination. Out of remaining 40 Marks, 20 marks for MCQ and 20 marks for Internal Assessment.
- Each core Module will have an internal (continuous) assessment of 40% of marks and a teacher may select a minimum of two of the following procedures:
 - Written Test (Answer for each Long Question is for 12 Marks and Answer for each Short Question is for 3 Marks)



**Programme: M.A. Sociology
Semester I**

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
PIS/ Sociology Paper III Core Elective Paper	A) Perspectives on Indian Society	60

COs

A - It enriches students with knowledge on various health related issues in society. It helps to understand social background of various diseases and remedial measures.

Unit	Content
Unit I	Conceptualizing Indian Society in Terms of Certain Distinctive Characteristics and Configuration : a) The scale and magnitude of cultural diversity (Religious beliefs and rituals, institutions, cultural patterns, linguistic, diversity) b) Linkages and Networks binding regions, groups of comm. Moduleies c) Continuity between past and present in institutions, cultural and behavioural patterns (12 Periods)
Unit II	Indological and Textual Perspective : a) G.S. Ghurye : Racial theory of origin of caste and its characteristics. b) Lewis Dumont : Hierarchy within caste and its criticism c) R.K. Mukherjee : Sociology of values, A General theory of society (12 Periods)
Unit III	Structural Functional Perspective : a) M.N. Shrinivas : Dominant Castes and Sanskritization b) S.C. Dube : Values in modernity and change in Indian Society, Indian village (12 Periods)
Unit IV	Marxist Perspective : a) D.P. Mukherjee : Concept of Historical dialecticism, Indian tradition and social change b) A.R. Desai : Feudalism and Emergence of Indian Nationalism (12 Periods)
Unit V	Subaltern Perspectives : a) Dr. B.R. Ambedkar : Caste and Economic, Political and Socio – Cultural System and its Criticism, Annihilation of Caste b) David Hardiman : Devi and movement & The movement of Adivasi Assertion. (12 Periods)

Essential Readings :

- Desouza, P.R. ed. 2000 Contemporary India-Transitions (New Delhi Sage)
- Dhanagare D.N. 1993: Themes and perspectives in Indian Sociology (Jaipur, Rawat)
- Dube, S.C. 1973 Social sciences in changing society. (Lucknow University Press)
- Dube S.C. 1967 The Indian Village (London: Routledge, 1955)
- Dumont, Louis 1970: Homo Hierachicus: The caste system and its implications. (New Delhi: Vikas)
- Karve, Iravati : Hindu Society : An Interpretation (Poona: Deccan College)
- Momin, A.R. 1996. The Legacy of GS. Ghurye: A centennial fest schirift popular, prakashan, Bombay.
- Mukharjee D.P. 1958 Diversities People's Publishing House Delhi.
- Oommen, T.K. and P.N. Mukharjee. eds 1986: Indian Sociology Reflections and Introspections, popular Prakashan, Bombay.
- Singh K.S. 1992: The People of India An Introduction, Seagull books. Calcutta.
- Singh Y. 1986 Indian Sociology: Social conditioning and emerging concerns, Delhi Vistaar
- Singh Y. 1973 Modernisation of Indian Tradition, Delhi, Thomos Press.
- Shrinivas M.N. 1960 : India's Villages, Asia Publishing House, Bombay.
- Tylor, Stephen: Indian an Anthropological prespective

Books References:

- Hardiman, David, 1996, Feeding the Bania: Peasants and usurers in western India Oxford university press.
- Hardiman, David 1987: The coming of the Devi-Adivasi Assertion in Western India, Oxford university press.
- anny, Richard 1911. The speaking Tree. A study of Indian culture and society London, Oxford University Press.
- Garriott, Mckim 1990: India through Hindu categories, Sage, Delhi.
- Johan, R.P. and A.S. Wilke, eds. 1994 International Handbook of Contempory Development in Sociology, London, Mansell.
- Singer, Milton and Bernard conn (eds.) 1968. Structure and change in Indian society, Chicago: Aldine Publishing Company.
- Singer and Milton 1972 : When A great Tradition Modernizes, Delhi, Vikas.



**Programme: M.A. Sociology
Semester I**

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
SMI/ Sociology Paper IV Core Elective Paper	B) Social Movements in India	60

COs

B -It enables students to understand different causal factors of social movements in India and it helps them to find out appropriate strategies to resolve problems of social movements.

Unit	Content
Unit I	Understanding Social Movements in India : a) Meaning, Features and Types of Social Movements. b) Theories of Social Movements : Relative Deprivation Theory, Structural Strain theory, Resource Mobilization theory and Political Theory. (12 Periods)
Unit II	Issue and Base of Social Movements: a) Unjust Social Structure, Issue of Identity of Culture, Socio-Economic or Political Interests b) Base of Social Movements : Caste, Class, Gender, Religion of Ethnicity (12 Periods)
Unit III	Institutionalization of Social Movements : a) Role of Ideology: Objective Determination, Guidance and Creation of unrest. b) Leadership and organization: Types of leadership of organizations, the role of leadership and organization. (12 Periods)
Unit IV	Some Aspects of Social Movements : a) Role of Media, Public Opinion, Democracy and Social Movements b) Diffusion, Absorption, Fragmentation of Social Movements. (12 Periods)
Unit V	Theories of Emergency of Social Movements : a) Marxist and Post – Marxist theory of Social Movements b) Weberian and Post Weberian Theory of Social Movements c) Structural Functional Theory of Social Movements (12 Periods)

Essential Readings:-

1. Banks, J.A. 1972 : The Sociology of Social movements (London: Macmillan)
2. Desai, A.R. Ed., 1979 : Peasant Struggle in India (Bombay : Oxford, University Press.
3. Dhanagare, D.N. 1983; Peasant Movement in India 1920-1950 (Delhi: Oxford University Press)
4. Gore, M.S. 1983: The social context of an ideology, Ambedkar's Political and social thoughts (New Delhi: Sage)
5. Oomen T.K. 1990: Protest and change: studies in social movements (Delhi: sage)
6. Rao M.S. A., 1979; Social movements in India (New Delhi, Manohar)
7. Rao M.S.A. 1979: Social Movements and Social Transformation (Delhi: Macmillan)
8. Singh K.S. 1982: Tribal Movements in India (New Delhi; Manohar)
9. Zelliot, Eleanor, 1995: From Untouchable to dalit Essays on the Ambedkar movements (New Delhi; Manohar)

Books References

1. Gouldner, A.W. 1950 ed: Studies in Leadership (New York: Harper and Brothers)
2. Oomen, T.K. 1972 : Charism, Stability and change: An Analysis of Bhodan Grandan Movement: (New Delhi: Thomas Press.)
3. Shah Ghanshyam 1979: Social movements in two Indian states, New Delhi: Ajanta.
4. Shah Ghanshuam, 1990: Social movements in India, a review of the literature (Delhi: Sage)
5. Shah Nandita. 1992: The issues at stake: Theory and Practice in the Contemporary Movements in India (New Delhi: Kati for Women)
6. Shrivasthana, 1991: Ecology and Politics of survival (New Delhi: Sage).
7. Encyclopaedia of Social Sciences.



**Programme: M.A. Sociology
Semester II**

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
CATS/ Sociology Paper IV Core Elective Paper	(A) Cultural Anthropology and Tribal Studies	60

COs

It provides students knowledge about origin, spread and impact of religion in human society.

Unit	Content
Unit I	Cultural Anthropology : a) Cultural Anthropology : Meaning, Nature, Scope and its Development b) Relation between Cultural Anthropology and Social Anthropology and Physical Anthropology. c) Importance of the Study of Cultural Anthropology (12 Periods)
Unit II	Concept of culture and Race : a) Meaning, Characteristics and Aspects of Culture Relation between Culture and Individual and Tribal Society. B) Race Meaning of Type or Race Racial Elements in Tribe (12 Periods)
Unit III	Social Organization in Tribal CommModuleies : a) Family b) Marriage c) Economic organization d) Political organization e) Religion and magic. (12 Periods)
Unit IV	Problems of Tribal People in India: a) Causes of Tribal Problems. b) Major Problems : Economic, Social, Cultural, Religious, Educational and Health. c) Efforts of Government and Voluntary Organization to Solve the Tribal Problems (12 Periods)
Unit V	Social Dynamics in Tribal Society : a) The Changing Tribal Scene in India : Role of Social and Economic Organization among Tribes b) Tribal Movements in India. c) A review of selected studies of Tribal CommModuleies : Gond, Korku, Kolam, Tada, Khasi. (12 Periods)

Books Recommended

- Horkovits, N.J. : Man and His Works
- Culture Kroeber A : Cultural Anthropology
- Beals & Joijor : Social Anthropology
- Ghurye, G.S. : Caste and Race In India.
- Ghurye, G.S. : Scheduled Tribes, 1969
- Bailey, F.G. : "Tribes" and "Caste" in India, in Contributions to Indian Sociology, 1961.
- K.Suresh Singh : Tribal Situation in India, Indian Institute of Advanced Study, 1969.
- Patnaik, N. : Tribes and their Development. National Institute of CommModuleies. Development, Hyderabad, 1972.
- Majumdar, D.N. and Madan T.N. : Introduction to Social Anthropology in India.
- Sachidananda : Industrialization and Social Disorganization : A Study of Tribals in Bihar.
- Nayak, K.B., 2008 – Rural Development and Underdevelopment, Sarup & Sons Publication, New Delhi.
- Nayak K.B., 2014, The Melghat Syndrome, Vol.-I & II, Vista International Publishing House, New
- Nayak, K.B., 2020. Tribal Development and Underdevelopment in India – Alternative Interdisciplinary Perspectives to Study, APH Publishing Corporation, New Delhi.2020.



**Programme: M.A. Sociology
Semester I**

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
RSI / Sociology Paper III Core Elective Paper	(B) Rural Society in India	60

COs

B - It provides advanced knowledge on various urban social structures and it helps to resolve various problems in urban society.

Unit	Content
Unit I	Introduction of Rural Society : a) Meaning and Nature of Rural Society b) Basic Characteristics of Peasant and Agrarian Society c) Rural Social Life d) Rur-urbanization (12 Periods)
Unit II	Rural Social Structure and Social Change : a) Jajmani System b) Rural Social Institution : Family, Caste and Religion c) Changing modes of Production in Indian Agriculture d) Co-operative movements in Maharashtra and its role in the Social Development (12 Periods)
Unit III	Rural Social Problem and Issue : a) Landless Labourer and Bonded Labourer b) Unorganized Labourer c) Rural poverty d) Farmers Suicide e) Problems of irrigation and low production (12 Periods)
Unit IV	Rural development and challenges : a) Panchayat Raj System : After 73 rd Amendment b) Process of change : Migration and mobility c) Empowerment of women in rural society SHGs, NGOs and Government Policies (12 Periods)
Unit V	Rural – Urban Development and Challenges : a) Comm Moduley Development Programme b) Impact of Globalization on Rural Society c) Rural Development Strategies : Management of Water & Irrigation in Agriculture (12 Periods)

Essential Readings :

1. A.R. Desai 1977 : Rural Sociology in India, Popular Prakashan, Bombay
2. P Radhakrishnan 1989: Peasant struggles: Land reforms and social change in Malabar 1836-1982, Sage Publications: New Delhi.
3. Daniel Thorner and Alice Thorner, 1962: Land and Labour in India, .Asia, Publications, Bombay. 4
4. Andre Beteille 1974: Six Essays in Comparative sociology, Oxford University Press, New Delhi.
5. D.N.Dhanagare 1988: Peasant Movements in India, Oxford University Press New Delhi.
6. Ashish Nandy 1999 : Ambiguous Journey to the city, New Delhi Oxford University, Press.
7. Berberogue Berch (ed) 1992: Class, state and Development in India New Delhi, Sage.
8. D.N. Majumdar- Caste and Communication in Indian Village, Asia Publication House, Bombay.
9. Nayak, K.B., 2008 – Rural Development and Underdevelopment, Sarup & Sons Publication, New Delhi.
10. Nayak K.B., 2014, The Melghat Syndrome, Vol.-I & II, Vista International Publishing House, New Delhi.
10. Nayak K.B., 2020. Tribal Development and Underdevelopment in India – Alternative Interdisciplinary Perspectives to Study, APH Publishing Corporation, New Delhi. 2020.
10. A.E.PModule- Social Systems in Rural India, Starling Publishing Pvt. Ltd. New Delhi.
11. K.L.Sharma- The Changing Rural Stratification, Rawat Publications Jaipur & Delhi.
92. प्रो. पी.एन. खरे : ग्रामीण समाजशास्त्र, गयाप्रसाद अँण्ड आग्रा.
93. रामनाथ शर्मा : भारतीय ग्रामीण समाजशास्त्र.
98. जयशंकरनाथ नाडगोंडे : ग्रामीण समाजशास्त्र.



**Programme: M.A. Sociology
Semester I**

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
CST/ Sociology Paper I	Classical Sociological Thinkers	60

COs

In this paper, students acquire original theoretical knowledge on sociological thought of classical sociological thinkers.

Unit	Content
Unit I	Rise and Development of Sociology and Sociological Theories. A) The Social, Economic and Political Forces in the Development of Sociology and Sociological Theories. B) Intellectual, Philosophical force in the Development of Sociology and Sociological Theories (12 periods)
Unit II	August Comte : A) Hierarchy of Sciences, Positivism B) Social Statics and Dynamics, Law of three stages (12 periods)
Unit III	Herbert Spencer : A) Social Evolution, Organic Analogy, Military and Industrial Society (12 periods)
Unit IV	Emile Durkheim : A) Social facts : Characteristics & Importance B) Religion : Sacred and Profane Elements in the Context of Religion C) Suicide : Statistics on Suicide, Causes & Types of Suicide in Society (12 periods)
Unit V	Charles Horton Cooley : A) Concepts on Primary Group : Meaning, Characteristics, Importance of Primary Group. B) Cooley's Concept of looking glass self C) Cooley's Thought on Sociological Method (12 periods)

Books Recommended :

1. Parsons Talcott 1937-1949 The Structure of Social Action Vol. I & II McGraw Hill, New York.
2. Nisbet 1966- The Sociological Tradition. Heinemann Educational Books Ltd. London.
3. Zeitlin Irvin 1981 - Ideology and Development sociological theory. Prentice Hall
4. Dahrendorf Ralph 1959 Class and Class conflict in an Industrial society- Stanford University Press.
5. Bendix, Rinhard 1960 - Max weber; An intellectual Portrait (For weber Double Day.
6. Popper Karl 1945- Open society and its Enemies Routledge, London.
7. Aron, Raymond 1965-1967: Main currents in sociological thought, Vol. I and II, Penguin.
8. Coser, L.A. 1977 : Masters of Sociological Thought, New York: Harcourt Brance.
9. Giddens, Anthony 1997: Capitalism and Modern social Theory- An Analysis of writings of Marx, Durkheim and Weber Cambridge University, Press whole book.
10. Hughes, John, A. Martin, Peler, J and Sharrock W.W. 1965: Understanding classical Sociology- Marx, Weber and Durkheim, London, Sage Publications, whole book.
11. Durkheim- Simmel Memorial Issue-American Jour of sociology, May 1958.
12. Gerth, M & Mills, C. W. from Max Weber and Essays in Sociology.
13. Rex John: Key problems in sociological theory
14. Abraham Francis – Modern Sociological Thought.
15. Tom Bottomore: Marxist Sociology
16. Lefebre, Henri: The Sociology of Marx.
१७. नि.स.वेद्य : सामाजिक विचारवंत
१८. प्रदिप आगलावे : पाश्चात्य आणि भारतीय समाज शास्त्रज्ञ, श्री साईनाथ प्रकाशन, नागपूर
१९. पी.के. कुलकर्णी : सामाजिक विचारक
20. Encyclopedia of Social Sciences



**Programme: M.A. Sociology
Semester I**

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods
MSR/ Sociology Paper II	Methodology of Social Research	60

COs

Through this paper, students know about fundamental and advanced methodology in social research on various social issues.

Unit	Content
Unit I	Social Research : A) Meaning & Objective B) Scientific method : Meaning of Characteristics C) Importance & utility of Social Research (12 Periods)
Unit II	Major steps in Scientific Research: A) Formulation of Research Problems : Selection of the Problems B) Hypothesis : Sources of Hypothesis, Characteristics of usable Hypothesis C) Research Design : Exploratory Research Design, Descriptive Research Design Diagnostic Research Design. Experimental Research Design. D) Sampling Design : Types of Sampling (12 Periods)
Unit III	Data Collection : A) Primary and Secondary sources of data B) Tools of Data Collection i) Observation : Meaning of types ii) Questionnaire : Meaning and Nature, features of good Questionnaire iii) Interview : Main Steps of Interview Techniques, Types Qualities of good interviewer iv) Schedule : Meaning and Types of Schedule, Process of Preparing Schedule (12 Periods)
Unit IV	Scaling Techniques : A) The Bogardus social distance scale, Sociometric Scale. B) Validity & reliability in Social Research (12 Periods)
Unit V	Problems in the Study of Social Research : A) Nature of social phenomena B) Objectivity : meaning & importance, difficulties in objectivity C) Subjectivity D) Issues of Measurement in Social Science Research. (12 Periods)

Books Recommended :

- Merton, Robert : Social Theory and Social Structure
- Goode, W and Hatt P. Methods in Social Reserach
- Jahoda, M. Deuteck and cook : Research Methods in Social Relation.
- Festinger, L.D. and Katz, D (ed) : Research Methods ionbehavioral Sciences.
- Modge, J. Hie tools of Social Sciences
- Young, P.V. : Scientific Social Survey and Research.
- Lazaras, Field P. (Ed): Language of social Research.
- Wilkinson, T.S. and .P.L. Bhandarkar: Methodology and Techniques of social Research, Himalaya Publishing House, Bombay.
- P.Qarrett: Statistics in Education and Psychology.
- Mueller and Schuessler : Stastical Resioning in Sociology.
- P. Saravanavel : Research Methodology.
- Bose, Pradip Kumar : Research Methodology, New Delhi. ICCSR
- D.A. Devaus, I 986 : Surveys in Social ResearchJLondon
- Punch, Keith I 986 : Introduction to Social Research.
- Mukharjee P.N. 2000 Methodology in social Research.
- पु.ल. भांडारकर : सामाजिक संशोधन पध्दती
- वाजपेयी एस. आर. : सामाजिक अनुसंधान और सर्वेक्षण
- सतपाल रुहेला : सामाजिक सर्वेक्षण और अनुसंधान के मुलतत्त्वे
- खैरनार दिलीप व राऊत प्रा. किशोर : सामाजिक संशोधन पध्दती.
- Encyclopedia of Social Sciences.



Department of History

List of courses including crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Sr. No.	Programme Name	Course Name	Coursecode/Subject	Remarks
Gender Equity				
01	F. Y B.A Sem-II	Social Status of Women Marriage	History	Gender Equity
Environmental and Sustainability				
02	F. Y B.A Sem-II	Economical and Technological Development	History	Environmental and Sustainability
Human Rights				
03	F. Y B.A Sem-I	Judicial Administration In Ancient India	History	Human Rights
Human Values and Professional Ethics				
04	F. Y B.A Sem-II	Allauddin Khilji's Political & Administrative Policy	History	Human Values and Professional Ethics
05	T. Y B.A Sem-VI	Rise of Nazism in Germany	History	Human Values and Professional Ethics


Head
Department of History
Late B.S.Arts, Prof.N.G.Sci. & A.G.Comm.
College, Sakharkherda, Dist. Buldana


PRINCIPAL
Late Bhaskarrao Shingare Arts
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College
Sakharkherda, Tq. & Raia Dist. Buldana



Sant Gadge Baba Amravati University, Amravati

Syllabus Prescribed under Choice based Credit System 2022-23

Faculty : Humanities

Programme: B.A.

Course/ Subject : History

Part A

POs:

1.Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

2.Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

3. Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.

4. Effective Citizenship: Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

5. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

6. Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

7. Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes Sample POs of PG Programmes

PSOs: of BA History

1: Analyze the Socio-Political and Cultural background of the Indian History.

2: Examine various perspectives of history and historiography.

3: Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc.

4: Compare various concepts in Social Studies through the Indian History.

5: Describe the developments of mankind.

Employability Potential:

The following employment is available from this course

1) Competitive Examination: - Today is the age of competition. In this age of

undergraduate/postgraduate degree programs. They offer lectures on different historical periods, events, theories, etc., and write detailed research papers, articles, and books

Part B

Programme : B. A.

Subject History

Semester 1

Code of the Course/Subject	Title of the Course/Subject	Total Number of Periods	No. of Credits
History	History of India from Early to 700 A.D	75 Periods	05

Course Assessment: End Term Exam Marks: 80 (University level Exam)

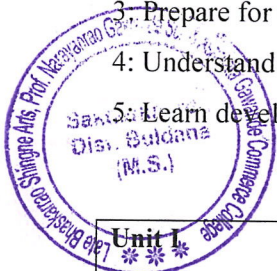
SEM (Skill Enhancement Module):20 Marks(College level evaluation)

Course Outcome (COs)

- 1: Survey the sources of History of Ancient India.
- 2: Describe the social, economic, religious and institutional bases of Ancient India.
- 3: Analyze development of the concept of Nation- State background of political history.
- 4: Study ancient Indian Art & Architecture

On successful completion of the Course the students will be able to:

- 1: Learn the socio-political and cultural background of the Ancient Indian History.
- 2: Learn various Ancient Indian History Tourist places and Guide Tourist.
- 3: Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc.
- 4: Understand various concepts in Social Studies through the Ancient Indian History.
- 5: Learn developments of mankind.



Unit 1	<p>1. Survey of the Sources of Ancient India: 1.1 Archaeological Sources. 1.2. Literary Sources and Foreign Travelers Account</p> <p>2. Harappan Civilization: 2.1 Origin, extent</p>
---------------	--

Unit I	<ol style="list-style-type: none"> The political situation in India before the establishment of the Sultanate: Invasion of Mohammad-Bin-Kasim, Mohammad Gazani and Mohammad Ghori Qutbuddin Aibak- Founder of Delhi Sultanate, Iltumish- Early Difficulties, Victory over his Rivals, Administration. Razia- Opposition to her Rule, Causes of her Fall. Balban- Theory of Kingship, Destruction of the 'Forty' <p style="text-align: right;">(12 Periods)</p>
Unit II	<ol style="list-style-type: none"> Allauddin Khilji's Political & Administrative Policy- His Theory of Kingship, Deccan Policy, Administrative Reforms , Allauddin Khilji's Economical Policy- Market Control and Revenue Policy, Estimate of his Achievement Mohammad Tughluq- His Revenue Reforms, Transfer of Capital, Introduction of Token Currency, Famine Relief and Agricultural Reforms, Causes of his Failure Firoz Shah Tughluq- Economic Reforms and Impact, <p style="text-align: right;">(12 Periods)</p>
Unit III	<ol style="list-style-type: none"> The Decline of the Sultanate The Bahamanis Kingdom- Rise and Expansion of Bahamani Kingdom, Society and Economy, Achievements of Muhamad Gawan, Disintegration of Bahamani Kingdom The Vijaynagar Empire- Rise and Expansion of Vijaynagar Empire, Society, Economy and Literature, Achievements of Krishna Deva Raya II, Disintegration of Vijaynagar Kingdom. <p style="text-align: right;">(12 Periods)</p>
Unit IV	<ol style="list-style-type: none"> State & Society : Hindu and Muslim Society Administrative System of Sultanate Period Military Organization Ruling Classes <p style="text-align: right;">(12 Periods)</p>
Unit V	<ol style="list-style-type: none"> Social Status of Women- Marriage, Property Rights, Sati, Pardah and Devdasi. Economical and Technological Developments- Agriculture, Industries, Trade and Commerce, Urban Centers Religious Movements- The Bhakti Movement :Warkari Sampraday, Mahanubhav Sampraday, Lingayat Sampraday, Suffi Movement <p style="text-align: right;">(12 Periods)</p>
Unit VI	Skill Enhancement Module Tourism in Art and Architecture in Sultanate period in India <p style="text-align: right;">(15 Periods)</p>
Co's	CO1: Study of Tourism in Sultanate Period's Indian Art & Architecture CO2: Student's are aware and able to describe tourist places.



	<p>2.2 Socio – Economic, Religious and Cultural Life 2.3 Script and Decline 3. Vedic Age : 3.1 Society, polity, economy, religious life in pre - Vedic period 3.2 Society, polity, economy and religious life in post - Vedic period</p> <p style="text-align: right;">(12 Periods)</p>
Unit II	<p>1. Rise of Religious Movements: 1.1 Causes, Doctrines and Social Dimensions of Buddhism and Jainism. 1.2 Spread and Decline Buddhism and Jainism. 2. Mouryan Dynasties 1.1 Chandragupta Mourya & Mouryan Administration, 3. Significance of Kaling War, Ashoka's Dhamma; Patronage to Buddhism</p> <p style="text-align: right;">(12 Periods)</p>
Unit III	<p>1. Post Mouryan Dynasties- Shungas, Kushanas and Satavahaha 2. Gupta Dynasty : Samudragupta and Chandragupta Vikramaditya 3. Gupta's Administration</p> <p style="text-align: right;">(12 Periods)</p>
Unit IV	<p>1. Concept of Golden Age 2. Vakatak Dynasty: 1.1. Relation of Vakataka with Gupta 1.2. Vakataka's Society and Religion 3. Vardhan Empire</p> <p style="text-align: right;">(12 Periods)</p>
Unit V	<p>1. Education in Ancient India 2. Position of Women in Ancient India 3. Judicial Administration in Ancient India</p> <p style="text-align: right;">(12 Periods)</p>
Unit VI	<p>Skill Enhancement Module Tourism in Art and Architecture in Ancient India</p> <p style="text-align: right;">(15 Periods)</p>
Co's	<p>CO1: Study of Tourism in ancient Indian Art & Architecture CO2: Students are aware and able to describe tourist places. CO3: Prepare the students for employability.</p>
SEM I	<p>1) Harappan Civilization Town Planning, Architecture 2) Mouryan's Art and Architecture 3) Kushan's Art and Architecture 4) Gupta Age Art and Architecture 5) Vakataka's Art and Architecture 6) Reginal Heritage Sites</p> <p>Bhon, Tal. Sangrampur, Dist. Buldana Lonar, Dist. Buldhana Tarapur, Dist. Buldhana, Narasimha Murti, Mehkar, Dist. Buldhana, Sharangdhar Balaji, Mehkar, Dist. Buldhana, Kanchanicha Mahal, Mehkar, Dist. Buldhana, Washim, Dist. Washim Nimba, Tal. Darvha, Dist. Yavatmal, Salbardi, Dist. Amravati, Muktagiri, Dist. Amravati, Ramtek, Dist. Nagpur, Nagardhan, Dist. Nagpur, Ajintha Aurangabad, Eolra Aurangabad, Pitalkhore, Dist. Aurangabad, Pratishthan, Dist. Aurangabad, Kandhar, Dist. Nanded</p>
Activities:	<p>1. Study Tour 2. Project 3. Seminar</p>



**Syllabi of B.A. Final
Semester-VI
History of Modern World
(From 1921 to 1965 AD)**

Time : 3 Hours)

Marks : 80
Int.Ass. : 20

Objectives –

The students should have an integrated view of the process of change in the Society, Economy and Civilization in the contest of Political Developments.

- Notes :** 1) One Question or a set of Questions from each unit will have to be answered.
2) Five Periods per week shall be provided for instructions.
3) Facilities of excursion tours to students are made available once a year, preferably in Diwali Vacation. The Financial Burden shall be borne by the students only.

Unit-I

1. Rise of Fascism in Italy –
Musolini and his Internal & Foreign Policies.
2. Rise of Nazism in Germany –
Hitler and his Internal & Foreign Policies
3. Rise of Stalin in Russia – Internal Policies of Stalin.
4. The Great Economic Depression (1929 A.D.) and its impact.

Unit-II

1. Causes and Result of the Second World War.
2. Entry of the U.S.A. into the Second World War.
3. Diplomatic Conferences during the War Period (1935-1945 A.D.)

Unit-III

1. United Nations Organization :- Aims, Structure, Achievement and Failure.
2. The Emergence of the U.S.A. as World Power, Causes and Effects.
3. The Emergence of the U.S.S.R. as World Power, Causes and Effects.

Unit-IV

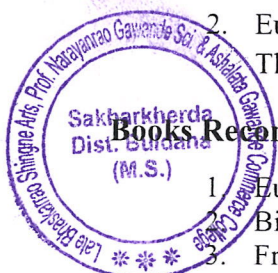
1. Post War World - The Cold War – Causes and effect, Origins and Meaning
2. Truman Doctrine, The Marshal Plan, Point Four Programme.
3. Military Alliances – The NATO and Warsaw Pact, the SEATO, The CENTO.

Unit-IV

1. The Suez Crisis - The Eisenhower Doctrine,
2. European Unity and Disunity, European Common Market – The Common Wealth of Nations –
The Berlin Crisis of 1958, Quba Crisis.

Books Recommended :-

1. Europe since Napolean - Thomson David
2. Bismark - Robertson G.
3. From Bismark to the world war - Brandenburg E.
4. The Struggle for Mastery of Europe - Taylor A.J.P.



GENERAL OPEN ELECTIVE COURSE
PAPER NAME: GENDER SENSITIZATION

Total Marks: 50

Credits: 02

COs

1. To introduce gender sensitization and related issues.
2. To raise and develop social consciousness among the students.
3. To sensitize the students regarding the issues of gender and the gender inequalities prevalent in society.
4. To initiate the gender perspective in all domains of understanding Gender Studies with the issues of their daily life.
5. To encourage capacity building among the students to enable them to engage in policy decisions to remove gender biases in all fields of life in the process of gender equality for nation building.

Unit	Content
Unit I	Understanding Gender and Related Concepts <ul style="list-style-type: none">▪ Gender : Sex vs. Gender, Social construction of Gender, Gender Roles, Gender Stereotypes, Gender division of Labour▪ Patriarchy▪ House Work▪ Gender Based Violence▪ Sexualities▪ Inter Sectionally▪ Gender, Caste & Class <p style="text-align: right;">(8 Hours)</p>
Unit II	Gender Sensitization <ul style="list-style-type: none">▪ Gender Sensitization : Meaning, Nature & importance▪ Challenges before Gender Sensitization▪ practices for Gender Sensitization <p style="text-align: right;">(7 Hours)</p>
Unit -III	Towards Equality : Convention & Declaration <ul style="list-style-type: none">▪ Convention on the Elimination of all Forms of Discrimination Against Women (CEDAW)▪ Declaration on the Elimination of Violence Against Women (DEVAW) <p style="text-align: right;">(6 Hours)</p>



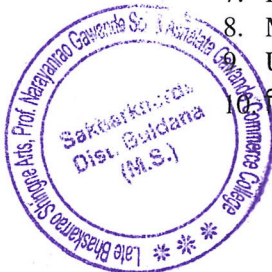
Unit IV	<p style="text-align: center;">Towards Equality : Constitutional Provisions and Acts</p> <ul style="list-style-type: none"> ▪ Gender Equality: Constitutional Provisions ▪ Protection of Women from Domestic Violence Act, 2005 ▪ Protection of Children from Sexual Offences Act, 2012 ▪ Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 <p style="text-align: right;">(9 Hours)</p>
----------------	---

Reference Book

1. Jane Pilcher & Imelda Whelehan :50 Key Concepts in Gender Studies, SAGE Publications, New Delhi
2. Bhasin, kamla :What is Patriarchy?, Kali for Women, New Delhi
3. V. Geetha :Gender, STREE-SAMYA, Kolkata
4. V. Geetha :Patriarchy, STREE-SAMYA, Kolkata
5. Convention on the Elimination of All Forms of Discrimination against Women Adopted and opened for signature, ratification and accession by General Assembly resolution 34/180 of 18 December 1979 entry into force 3 September 1981, in accordance with article 27(1)
6. Declaration on the Elimination of Violence against Women Proclaimed by General Assembly resolution 48/104 of 20 December 1993
7. भसीन, कमला , तांबे,श्रुती (अनु.) : लिंगभावसमजूनघेताना..., लोकवाड्मयगृह,मुंबई
8. भसीन, कमला , जाधव,निर्मला (अनु.) : पुरुषत्वउलकताना...,ताराबाईशिंदेस्त्रीअभ्यासकेंद्र,डॉ. बाबसाहेबआंबेडकरमराठवाडाविद्यापीठ,औरंगाबाद
9. चव्हाण,दिलीप : समकालीनभारत : जातिअंताचीदिशा,क्रांतिसिंहनानापाटीलअकादमी,अमरावती
10. कड,रेणुकावबेन्नूर , युसुफ : स्त्रियांचेसंवैधानिकहक्कवजागतिककरण,कौशल्यप्रकाशन,औरंगाबाद

Links


1. Understanding Gender - <https://youtu.be/MxhB16trdfg>
2. Basic concept of sex and gender, gender attributes & questions of identity (WS) - <https://youtu.be/k7GZ02hbIWQ>
3. Gender and Intersectionality theory - <https://youtu.be/JqdMLj6sYwo>
4. Patriarchy - <https://youtu.be/-ff9qsqaRg8>
5. Gender Sensitisationmeaning - <https://youtu.be/BrfCAPfqpvk>
6. Gender Sensitisation: Issues and Challenges - <https://youtu.be/rECOST6yu4I>
7. Pitsatta ki Gehraiyen - <https://youtu.be/R0C0ii4yBw8>
8. Mumkinhai/ It's Possible by Kamla Bhasin - <https://youtu.be/6tfPgVldJm4>
- Understanding Gender with Kamla Bhasin - <https://youtu.be/y6WYBu7vuYY>
- लिंगआणिलिंगभावसमजूनघेताना - <https://youtu.be/5PKnia18zAE>




Department of English

List of courses including crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Sr. No.	Programme Name	Course Name	Course code/ Subject	Remarks
Environmental and Sustainability				
	T. Y B. A Sem-V	The Mountain and the Squirrel	English	Environmental and Sustainability
Human Rights				
	T. Y B. A Sem-V	What is Swaraj	English	Human Rights
	F. Y B.sc Sem-I	The power of prayer	English	Human Rights
Human Values and Professional Ethics				
	F. Y B. A Sem-II	The Last Leaf	English	Human Values and Professional Ethics
	F. Y B.sc Sem-I	Once Upon a Time	English	Human Values and Professional Ethics
	S. Y. B. Com Sem-III	Values in life	English	Human Values and Professional Ethics
	T. Y B. A Sem-VI	My Financial Career	English	Human Values and Professional Ethics


Assist. Professor
Late B.S.Arts, Prof.N.G.Sci. & A.G.Comm.
College, Sakharkherda, Dist. Buldana


PRINCIPAL
Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharkherda, Tq. 8 Raja Dist. Buldana



Faculty: Science & Technology
Programme:-B.Sc.

Syllabus for B.Sc. Part-I
Subject: Compulsory English

Preamble:

Since English is a global language used in many spheres of human life, it has gained significance. Skills and expertise acquired in usage of the language makes the person present himself / herself for jobs/ employment/ profession in various fields.

After studying the programme the learner shall be able to understand basic skills of the English language for applying it in his / her chosen field to apply the knowledge acquired in the job assigned / employment accepted / profession undertaken.

General Course Outcome (COs) :

1. To facilitate the learners in acquiring listening and speaking competence
2. To assist the learners in independent language comprehension and production
3. To make the students aware of the different communicative functions of English.
4. To impart skills and proficiency for being employed as teachers, state government employees, civil aviation, engineering and medico-related industry, defence, commerce and taxation sector.
5. To be able to speak, write, read and listen flawlessly in person and through the electronic mode in English.
6. To understand views of others, mediate contradictory views/ disagreements, reaching conclusion in groups / group discussions.

Course Specific Outcome :

After completion of this course successfully, students would be able to

1. Understand nature and nuances of English Language used in prose lessons, poetic passages.

Course Learning Outcome

At the end of the Course, student would be able to:

1. Understand the paragraph, prose and poetry.
2. Apply the four skills of language in his daily inter-personal communications.
3. Formulate/ compose his own sentences and able to speak English Language.
4. Converse with other students in English.
5. Communicate their ideas and concepts properly in English.



	<p>At the end of the Course, student would be able to:</p> <p>CO1 Understand the paragraph, prose, poetry</p> <p>CO2. Apply the four skills of language in his daily routine.</p> <p>CO3. Formulate/ compose his own sentences and able to speak English Language.</p> <p>CO4. Collaborate with others students in English.</p> <p>CO5. Communicate properly their ideas and concepts in English.</p>
--	---

**B.Sc. Part I
Compulsory English
Semester – I**

Code : Lectures

Unit I : Prose 18

- 1) Appro JRD – Sudha Murthy
- 2) All about a Dog – A.G.Gardiner
- 3) The Power of Prayer – APJ Abdul Kalam
- 4) Model Millionaire – Oscar Wilde

Unit II : Poetry 18

- 1) Daffodils – William Wordsworth
- 2) Night of the Scorpion – Nissim Ezekiel
- 3) Stay Calm – Grenville Kleiser
- 4) The Mountain and the Squirrel - Ralph W. Emerson

Unit III : Writing Skills 12

- 1) Preparing a CV
- 2) Applying for a Job
- 3) Narrating an Experience
- 4) Creative Writing (Expansion of idea)

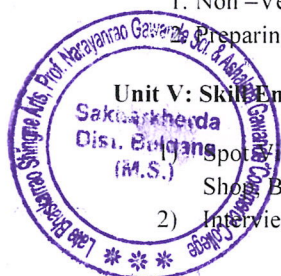
Unit IV: Communication Skills

1. Non –Verbal Communication 12

2. Preparing a Newspaper Report

Unit V: Skill Enhancement Module 15

- 1) Spot visit and preparing a report – Visit to Super Market, Bus Stand, Railway Station, Bank, Medical Shop, Bakery etc.
- 2) Interview of a dignitary and writing a report in dialogue form



Semester II Compulsory English

Code :	Lectures
Unit I : Prose	18
<ol style="list-style-type: none"> 1) The Last Leaf – O’ Henry 2) Of Studies – Francis Bacon 3) Why is the Sea Blue? – G. Venkatraman 4) The Mute Companion - R.K. Narayan 	
Unit II : Poetry	18
<ol style="list-style-type: none"> 1) Once Upon a Time – Gabriel Okara 2) Ode on A Grecian Urn – John Keats 3) Leave this Chanting and Singing – Ravindranath Tagore 4) How do I love thee? – Elizabeth Barrett Browning 	
Unit III : Speaking Skills	12
<ol style="list-style-type: none"> 1) Introducing Yourself 2) Introducing People to Others 3) Interviews 4) Describing Daily Routine 	
Unit IV: Communication Skills	12
<ol style="list-style-type: none"> 1) Verbal Communication 2) Précis Writing 	
Unit V: Skill Enhancement Module	15
<ol style="list-style-type: none"> 1) Blog Writing 2) Presentation on a topic from prescribed prose/poem (Skill Enhancement module will be of 25 marks. It will be evaluated at college level) 	
Internal Assessment:	
<ol style="list-style-type: none"> 1) Class Test 2) Viva-Voce 	5 Marks 5 Marks

(For internal assessment the subject teacher shall be the sole examiner.)



Pattern of Question paper and Distribution of Marks

Maximum Marks: 40

Time: Two Hours

Que. 1. A Students shall have to answer 4 MCQ questions based on prose of one mark each. $4 \times 1 = 4$

(For Skill Enhancement Module and internal assessment the subject teacher shall be the sole examiner.)

Pattern of Question paper and Distribution of Marks
Maximum Marks: 40 **Time: Two Hours**

- Que. 1 A : Students shall have to answer 4 MCQ questions based on Prose of one mark each. $4 \times 1 = 4$
 Que. 1 B. Students shall have to answer 2 long answer questions based on Prose out of four questions. Each question carries four marks each. $4 \times 2 = 8$
 Que.2 A: Students shall have to answer 4 MCQ questions based on Poetry of one mark each. $4 \times 1 = 4$
 Que.2 B. Students shall have to answer 2 long answer questions based on Poetry out of four questions. Each question carries four marks each. $4 \times 2 = 8$
 Que. 3. Students shall have to answer two questions based on unit three, out of four questions from this Unit. $4 \times 2 = 8$
 Que. 4. Students shall have to answer two questions based on unit four, out of four questions from this Unit. $4 \times 2 = 8$

B. Sc. I Semester II Compulsory English

Course Title	English
Course Code	
Course Category:	
Type of Course:	Theory + Practical
No. of Credits:	Theory - 04 + Tutorial – 01 (Each batch of 16 students)
No. of Lectures:	Theory - 60 + Tutorial -15
Course Assessment:	End Term: 40 Marks (University level exam) SEM (Internal): 10 Marks (College level evaluation) AEC (Internal) : 25 Marks (College level evaluation)
Course Objective:	To train and prepare the students to seek and find employment in various field. To develop communicative competence in students To impart knowledge, ideas and concepts in the technicalities of proper pronunciation, structure, appropriate use and style of the English language as well as the application areas of English Communication. To expose the students to the employment opportunities, challenges and job roles.
Course Outcomes:	➤ At end of the course students would be able to CO1 understand the paragraph, prose, poetry and communication skills CO2. apply the four skills of language in his daily routine. CO3. formulate/ compose his own sentences and able to speak English Language. CO4. collaborate with others students in English. CO5. communicate properly their ideas, thoughts and concepts in English.





Semester II Compulsory English

Text Book Prescribed : *Magnificence* Edited by Board of Editors, Sant Gadge Baba Amravati University, Amravati

Publisher : Orient BlackSwan Pvt Ltd

Code :	Lectures
Unit I : Prose	18
1) The Last Leaf – O' Henry	
2) Of Studies – Francis Bacon	
3) Why is the Sea Blue? – G. Venkatraman	
4) The Mute Companion - R. K. Narayan	
Unit II : Poetry	18
1) Treasured Moments – Manjushree Sardeshpande	
2) Ode on a Grecian Urn – John Keats	
3) Leave this Chanting and Singing – Ravindranath Tagore	
4) How do I love thee? – Elizabeth Barrett Browning	
Unit III : Speaking Skills	12
1) Introducing Yourself	
2) Introducing People to Others	
3) Interviews	
4) Describing Daily Routine	
Unit IV: Communication Skills	12
1) Verbal Communication	
2) Précis Writing	
Unit V: Skill Enhancement Module	15
1) Blog Writing	
2) Presentation on a topic from prescribed prose/poem	
(Skill Enhancement module will be of 25 marks. This module will be internally assessed flexibly on the basis of Class tests, assignments, seminar, reading material, project, survey, group discussion, Study tour, MCQ, Open Book exam (OBE), etc.)	
Internal Assessment:	
1) Class Test	5 Marks
2) Viva-Voce	5 Marks

For Skill Enhancement Module and internal assessment the subject teacher shall be the sole examiner.)



UNIT III (16 Marks)

- C) **POETRY:** Prescribed Text Sands of Time by Board of Editors & published by Orient Blackswan
i) The students shall have to answer TWO out of THREE questions in Two or Three sentences of 3 marks each. = 6 Marks
ii) The students shall have to answer TWO out of THREE questions in about 100 words of 5 marks each = 10 Marks

UNIT IV (16 Marks)

WRITING SKILLS

1. Précis Writing : i) The students shall have to write a précis of the given paragraph with suitable title for 08 marks
2. Developing a Thought: i) The students shall have to develop a thought, choosing one of the two in about 250 words for 08 marks

UNIT V (16 Marks)

E) Multiple Choice Questions (MCQ)

Based on Unit I, II & III: The students shall have to attempt multiple choice questions= 16 Marks

F) Internal Assessment

i) Viva- Voce = 20 Marks

- a) Personal Interview = 10Marks
- b) Seminar - Presentation = 10 Marks

**SYLLABUS
PRESCRIBED FOR
BA - PART III EXAMINATION
SEMESTER VI
COMPULSORY ENGLISH**

TIME : 3 HOURS

**MAXIMUM MARKS THEORY : 80 MARKS
MAXIMU MARKS INTERNAL ASSESSTMENT: 20 MARKS**

Prescribed Textbook: Sands of Time by Board of Editors, Published by Orient Blackswan.

UNIT I

SHORT STORIES:

1. Quality – John Galsworthy
2. Miss Brill – Catherine Mansfield

UNIT II

ESSAYS:

1. My Financial Career -Stephen Leacock
2. Socrates and the Schoolmaster – FL Brayne

UNIT III

- POETRY:**
1. The Solitary Reaper- William Wordsworth
 2. Stay Calm -Grenville Kleiser

UNIT IV



Sant Gadge Baba Amravati university, Amravati

Compulsory English - 50 Marks
B.Com.II- Sem.III

Title of the book- **Pristine** - By Board of Editors and Published by Orient Black Swan

Code of the Course/Subject	Title of the Course/Subject	Total number of Periods
BC 31	English	36

CO's:

- 1) To acquaint with the eminent entrepreneurs of the world
- 2) To acquaint with the work culture in corporate world
- 3) To instill moral values among the students
- 4) To make them able to communicate skillfully with ICT
- 5) To enrich them with fluency and soft skill based in English
- 6) To make them skillful in drafting and professional skills.

Unit 1- Prose-

- 1) Values in Life —Rudyard Kipling
- 2) Ramchandra and Laxman Kirloskar
- 3) Akio Morita

Unit 2- Poetry-

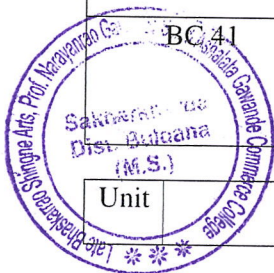
- 1) Ode to the West Wind— P.B.Shelley
- 2) Paper Boats — Rabindranath Tagore
- 3) It is Needless to Ask of a Saint- Saint Kabir

Unit 3-Communication and Soft Skills-

- 1) Role Play
- 2) Drafting an E-mail
- 3) Applying for a Job

Code of the Course/Subject	Title of the Course/Subject	Total number of Periods
BC 41	English	36

Unit	Content	Number of Periods
------	---------	-------------------



Department of Marathi

List of courses including crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Sr. No.	Programme Name	Course Name	Course code	Remarks
Gender Equity				
01	F. Y. B.sc Sem-I	Bap	Marathi	Gender Equity
Environmental and Sustainability				
02	T. Y. B.A Sem-V	ShetkaryanchaAsud	Marathi	Environmental and Sustainability
03	T. Y. B.A Sem-V	Gav	Marathi	Environmental and Sustainability
Human Rights				
04	T. Y. B.A Sem-VI	SwarajyaSankalpikaRashtramataJijau	Marathi	Human Rights
Human Values and Professional Ethics				
05	T. Y. B.A Sem-VI	Rajarshi Shahu: Vasa & Varasa	Marathi	Human Values and Professional Ethics
06	F. Y. B.sc Sem-II	Ajoba	Marathi	Human Values and Professional Ethics



Department of Marathi
Late B.S.Arts, Prof. N.G.Sci. & A.G.Comme.
College, Sakharherda, Dist. Buldana



PRINCIPAL
Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharherda, Tq. & Raia Dist Buldana



संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती

बी.ए.भाग-३ मराठी वाङ्मय

सत्र ५ वे

॥ गुण विभागणी ॥

एकूण गुण - १००

लेखी गुण - ८०

अंतर्गत मूल्यमापन - २०

वेळ - ३ तास

अभ्यासक्रमासाठी नेमलेले ग्रंथ -

- १) मिरासदारी - लेखक - द.मा.मिरासदार, कॉन्टिनेन्टल प्रकाशन, पुणे.
- २) साहित्य विचार - संपादक - डॉ.दत्तात्रय पुंडे, डॉ.स्नेहल तावरे, स्नेहवर्धन प्रकाशन, पुणे
 - १) प्रकरण १ - साहित्याचे स्वरूप
 - २) प्रकरण २ - साहित्याचे प्रयोजन
 - ३) प्रकरण ३ - साहित्याची निर्मितीप्रक्रिया

अ) मिरासदारी	४८ गुण
ब) साहित्य विचार	३२ गुण

८० गुण

प्रश्ननिहाय गुण विभागणी

प्रश्न - १ संदर्भासह स्पष्टीकरण	- ०८ गुण
● मिरासदारी यावर प्रत्येकी चार गुणांचे दोन संदर्भ विचारले जातील.	
प्रश्न - २ मिरासदारी यावर एक दीर्घोत्तरी प्रश्न विचारला जाईल.	- १६ गुण
प्रश्न - ३ मिरासदारी यावर प्रत्येकी आठ गुणांचे दोन लघुत्तरी प्रश्न विचारले जातील.	- १६ गुण
प्रश्न - ४ साहित्य विचार यावर एक दीर्घोत्तरी प्रश्न विचारला जाईल.	- १६ गुण
प्रश्न - ५ साहित्य विचार यावर एक लघुत्तरी प्रश्न विचारला जाईल.	- ०८ गुण
प्रश्न - ६ वस्तुनिष्ठ बहुपर्यायी प्रश्न	- १६ गुण
(उपरोक्त मिरासदारी व साहित्य विचार यावर आधारित प्रत्येकी एक गुण असे १६ वस्तुनिष्ठ बहुपर्यायी प्रश्न असतील.)	

अंतर्गत मूल्यमापन :

एकूण २० गुणांची अंतर्गत मूल्यमापन परीक्षा राहिल त्याची गुण विभागणी खालीलप्रमाणे

१) सुरुवातीचे	- १० गुण
मौखिक परीक्षा	- १० गुण

लेखी परीक्षा व अंतर्गत मूल्यमापन या दोन्ही परीक्षांमध्ये स्वतंत्रपणे उत्तीर्ण होणे आवश्यक राहिल. त्यासाठी किमान गुण खालीलप्रमाणे आवश्यक असतील.

● लेखी परीक्षा	- ८० पैकी ३२ गुण आवश्यक
----------------	-------------------------

संपादित ग्रंथ - 'मृदगंध' भाग ३

बी. ए. भाग ३ मराठी (आवश्यक)
सत्र ५

विभाग अ) वैचारिक

१)	शेतकऱ्याचा असूड	म. फुले
२)	मंत्रबळ नव्हे यंत्रबळ	वि.दा.सावरकर
२)	बुद्धी : माणसाची खरी शक्ती	दादा धर्माधिकारी

विभाग ब) ललित

१)	लोकजीवनातील वृक्षपूजा	द.ता.भोसले
२)	पाणी	भास्कर चंदनशीव
३)	दहा पैशाचा तमाशा	मुकुंद टाकसाळे

विभाग क) कविता

१)	संतवाणी	अ) तुकाराम ब) रामदास
२)	औदुंबर	बालकवी
३)	गाव	ग्रेस
४)	जीवनाचा शोध घेताना	वाहरु सोनवणे
५)	खूणच पुसली मानवतेची	सुखदेव ढाणके
६)	दातासाठी हत्तीला मारण्याचे गणित	लोकनाथ यशवंत

विभाग ड) व्यावहारिक मराठी

१)	अहवाल लेखन	संदर्भ ग्रंथ : 'उपयोजित मराठी' मधील प्रकरण १२ वे	संपा. केतकी मोडक व इतर, पद्मगंधा प्रकाशन, पुणे
२)	प्रसारमाध्यमांसाठी लेखन - वृत्तलेखन	संदर्भ ग्रंथ : 'उपयोजित मराठी' मधील प्रकरण १७ वे मधील 'बातमी लिहावी कशी' हा घटक	

बी. ए. भाग ३ मराठी (आवश्यक)
सत्र ६

विभाग अ) वैचारिक

१)	डॉ. पंजाबराव	वि. भि. कोलते
२)	राजर्षी शाहू : वसा आणि वारसा	गोविंद पानसरे
३)	स्वराज्य संकल्पिका राष्ट्रमाता जिजाऊ	अशोक राणा

विभाग ब) ललित

१)	मरणाहून आपेश वोखटे	भाऊसाहेबांची बखर
२)	अरणी	मारुती चितमपल्ली
३)	ढग	सखा कलाल

विभाग क) कविता

१)	संतवाणी	अ) शेरव महंमद
----	---------	---------------



बी.एस.सी. (भाग १)

विषय - मराठी अनिवार्य

सत्र २ रे

गद्य

- | | |
|---|-----------------|
| १. शिक्षण | — जोतीराव फुले |
| २. डॉ. पंजाबराव देशमुख | — वि.भि. कोलते |
| ३. भारतीय संविधानाची विज्ञाननिष्ठा | — यशवंत मनोहर |
| ४. कृष्णविवर | — जयंत नारळीकर |
| ५. लापड | — गणेश चव्हाण |
| ६. ग्रामगीतेतील अस्पृश्यता निर्मूलन विचार | — सिंधू मांडवकर |

पद्य

- | | | |
|-------------------|-------------------|---------------------|
| १. संतवाणी | अ - संत मुक्ताबाई | - मुंगी उडाली आकाशी |
| | ब - संत रामदास | - निश्चयाचा महामेरु |
| २. आजोबा | | - विनायक पवार |
| ३. मलाला युसुफझाई | | - विष्णू सोळंके |
| ४. हुंकार | | - अनिल काळबांडे |
| ५. विज्ञानयुग | | - आ.य.पवार |

व्यावहारिक मराठी

- | | |
|---------------------------------|-------------------------|
| १. मराठी भाषा आणि प्रसारमाध्यमे | - डॉ.सर्जनादित्य मनोहर |
| २. जाहिरातीची लेखन कौशल्ये | - प्रा. वैशाली कार्लेकर |



बी.एस.सी. (भाग १)

विषय - मराठी अनिवार्य

सत्र १ ले

गद्य

- | | |
|--------------------------------|------------------|
| १. पाखाला बाळास पांगुरवाणे | - म्हाइंभट |
| २. गाडगे बाबांनी शाळा दिली | - सीमा साखरे |
| ३. ... आणि गहुली झाली मारुली | - प्रकाश राठोड |
| ४. रद्दी | - विलास अंभोरे |
| ५. नियतीच्या विक्राळ जबड्यात ! | - सिंधुताई सपकाळ |
| ६. अन्वरशा फकीर | - मधुकर वाकोडे |

पद्य

- | | | |
|----------------------|-----------------------------|----------------------|
| १. संतवाणी | अ - संत ज्ञानेश्वरांचे अभंग | - घनु वाजे घुणघुणा |
| | ब - संत तुकारामाचे अभंग | - टिळा टोपी उंच दावी |
| २. विद्यार्थ्यांप्रत | | - केशवसुत |
| ३. सुख | | - बबन सराडकर |
| ४. विश्वशांती | | - दिनेश काळे |
| ५. बाप | | - प्रमोद गारोडे |

व्यावहारिक मराठी

१. व्यावहारिक मराठी - स्वरूप आणि भूमिका
२. भाषिक संवाद व्यवहारांची मूलतत्त्वे




Department of Chemistry

List of courses including crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Sr. No.	Programme Name	Course Name	Course code	Remarks
Environmental and Sustainability				
01	S.Y. M.sc Sem-IV	Drugs Design		Environment and sustainability
02	S. Y. M.sc Sem-IV	Food & Cosmetic Analysis		Environment and sustainability
03	S. Y. M.sc Sem-IV	Forensic & Fuel Analysis		Environment and sustainability
04	Chemistry for All	Environment and Impact on Daily Life		Environment and sustainability


Assist. Professor
Late B.S.Arts, Prof.N.G.Sci. & A.G.Comm.
College, Sakharkherda, Dist. Buldana


PRINCIPAL
Late Bhaskarrao Shingane Arts,
Prof. Narayanrao Gawande Science &
Ashalata Gawande Commerce College,
Sakharkherda, Tq. & Raja Dist Buldana



- Unit-V :** **12L**
- A) Selective Organic Name Reaction** Favorski reaction, Mannich reaction, Sharpless asymmetric epoxidation, Baeyer-Villiger reaction, Barton and Shapiro reaction Bamford-Stevens, Hoffmann-Löffler-Freytag,
- B) Modern Synthetic Methods:** Suzuki, Stille, Sonogishira cross coupling, Buchwald-Hartwig and Negishi-Kumada coupling reactions. Nef reaction, Julia-Lythgoe olefination, Ugi, Biginelli, Brook rearrangement, Pausan-Khand reaction, Bergman cyclisation, Sharpless azides cycloadditions. Baylis-Hilman reaction, Eschenmo Ullmann coupling reactions,

Books Suggested:

- 1) Principle of organic synthesis. R.C Norman & M coxon
- 2) Modern synthetic reaction. H.H. House W. A. Benjamin
- 3) Organic synthesis, The disconnection approach-S. Warren
- 4) Designing organic synthesis-S. Warren
- 5) Some modern methods of organic synthesis-W. carruthers,
- 6) Advance organic reaction. Mechanism & structure-Curry march
- 7) Advance organic chemistry Part-B-F.A. caray & R
- 8) sundberg, plenum P.
- 9) Organic reaction and their mechanism-PS kalsi
- 10) Protective group in organic synthesis-TW Greene, & PGM
- 11) The chemistry of organo phosphorous-A Kirbi, & SG Warren
- 12) Organic silicon compound-C. Eabon
- 13) Organic synthesis via Boranes-HC. Brown
- 14) Organic borane chemistry-TP onak
- 15) Organic chemistry of boron-W. gerrard
- 16) Organic Chemistry: C layden, Greeves, Warren and Wothers
- 17) Organic Synthesis: Jagdamba Singh And Adv
- 18) Organic chemistry Reactions: Mundy

SEMESTER III

Paper XII

Special Paper-II Organic Chemistry (Natural Products)

Total Lectures: 60Hrs, 4 Hrs per week, 12 Hrs/unit Total Marks-80

- Unit-I :** **12L**
- A) Carbohydrates :** Types of naturally occurring sugars, deoxy sugars, amino sugars, branched chain sugars, methyl ethers and acid derivatives of sugars, general methods of structure and ring size determination with reference to maltose, lactose, sucrose, starch and cellulose
- B) Lipids:** Fatty acids, essential fatty acids, structures and function of triglycerides, glycerophospholipids, sphingolipids, cholesterol, bile acids, prostaglandins. Lipoprote ions composition and function, role.

- Unit-II:** **12L**

- A) Amino acids, proteins and peptides** Amino acids, protein and peptides. Amino acids, structural characteristics, acid base property, stereochemistry of amino acids, optical resolution, stecker, structural, peptide and proteins. structure of peptide and protein, primary, secondary, tertiary and quaternary structure. Reaction of polypeptide, structure determination of polypeptide, end group analysis, purines and nucleic acids, chemistry, structure and functional relation to gene of DNA and RNA. Biosynthesis of amino acids (Lysine and phenyl alanine).
- B) Enzymes:** and identification of active sites by the use of inhibitors, mechanism of enzyme action, orientation and steric effect (ribonuclease and carboxypeptidase) Enzyme catalysed reactions carboxylation, decarboxylation, rearrangement and isomerization)

- Unit-III :** **Alkaloids and Terpenoids :** **12L**

Classification, Nomenclature, occurrence, isolation, isoprene rule general methods of structure determination of the following-

- A) Alkaloids: Papaverine, Morphine, Reserpine, Nicotine.
- B) Terpanoids: Camphor, Geraniol, Abietic acid, Squalene.
- C) Biosynthesis of Terpens, alkaloids

- Unit-IV :** **12L**

A) Steroids and Hormones : occurrence, Nomenclature, Basic skeleton, Diels Hydrocarbon and stereochemistry. Biosynthesis of steroids. Structure determination and synthesis of Cholesterol, Testosterone, progesterone, Estrone and Cortison

B) Prostaglandins, pyrethroids, rotenones and pheromones

occurrence, classification. Biogenesis, physiological effects and synthesis of PGE₂ and PGE_{2a}.



Unit-III

12L

DRUGS DESIGN: Classification of Drugs, procedures followed in drug design. Concept of lead compound and modification concept of Prodrugs and Softdrugs structure activity relationship (SAR) Factors affecting bioactivity resonance, inductive effect, isosterism, Biosterism, Spatial consideration, theories of drug activity occupancy theory, Rate theory induced tit theory, Quantitative structure activity relationship. History and development of QSAR, Concept of drug receptor interaction, Physico-Chemical parameter. Lipophilicity, Partition coefficient Electronic ionization constants, Steric Shelton and surface activity parameters and redox potential. Free Wilson analysis, Hansch analysis LD-50, ED-50 (Mathematical derivatives of equations included) Ligand-Based Drug Design, Diversity-Oriented Synthesis for Drug Design, Structure-Based Drug Design, Fragment-Based Drug Design, Natural Products-Based Drug Discovery, Diversity-Oriented Synthesis in Drug Discovery, Virtual Screening

Unit-IV : **Classification of Drugs- I**

12L

Synthesis, mode of actions, Pharmacokinetics, pharmacodynamic data and secondary metabolism of following Drugs

- A) **Antibiotics:** Introduction, Penicillin V And G, Streptomycin, Chloramphenicol, Tetracyclins.
 B) **Antimalarial :** Chemotherapy of malaria, Aminoquinolines, pamaquine, chloroquine and sulphones.
 C) **Antipyretic and Analgesic:** Aspirin, salol, phenacetin, antipyrin:
 D) **Anti-inflammatory:** Ibuprofen, oxyphenylbutazone, Diclophenac, Indomethacin.
 E) **Sedatives & Hypnotics:** Barbiturates, mode of action, diazepam, caffeine, Mescaline, hermine

Unit-V : **Classification of Drugs- II**

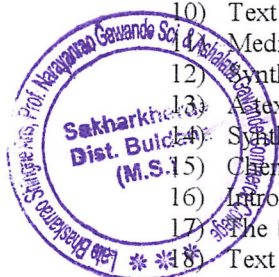
12L

Synthesis, mode of actions, Pharmacokinetics, pharmacodynamic data and secondary metabolism of following Drugs

- A) **Antitubercular & antileprotic :** Ethambutol, Isoniazide & Dapsone
 B) **Anaesthetics :** Lidocaine, Thiopental.
 C) **Antihistamines:** Phenobarbital, Diphenylhydramine.
 D) **Tranquillizers:** Diazepam, Trimeprazine.
 E) **Cardiovascular:** Synthesis of diltiazem, quinidine, methyl dopa

Books Suggested:

- 1) Pesticides: R. Cleymlin
- 2) Chemistry of Pesticides: K. H. Buchel
- 3) The Chemistry of Pesticides and formulations: N. N. Melikov
- 4) Chemistry of Synthetic Dyes Vol- 1 to 7: K. Venkataraman
- 5) Colour Chemistry: Allan
- 6) Text book of organic medical and pharmaceutical chemistry: Wilson, Gisvold & Dorque
- 7) Strategies for Organic Drug synthesis and Design, D. Lednicer, Wiley
- 8) Medicinal Chemistry: A. Kar
- 9) Text book of organic medicinal chemistry-wilson, geswold
- 10) Medicinal chemistry Vol I & II-Burger
- 11) Synthetic organic chemistry-Gurudeep chatwal.
- 12) Textbook of pharmaceutical chemistry-Layshree Ghosh
- 13) Synthetic dyes series-venkataraman
- 14) Chemistry process industries-shreve & brink paquelte
- 15) Introduction to medicinal chemistry-A Gringuade
- 16) The Organic Chemistry of Drug design and Drug action, R. B. Silverman Academic press.
- 17) Text book of Polymer Science: F. W. Billmeyer
- 18) An introduction to drug design-SS pandey, & R demmock
- 19) Goodman and Gilman's pharmacological basis of therapeutics-
- 20) Strategies for organic drug sythesis & design-D lednicer
- 21) Polymer science-v govarikar
- 22) Principle of polymer chemistry-Pflory
- 23) An outline of polymer chemistry-james q.allen
- 24) Organic polymer chemistry-K Saunders
- 25)



Unit II :

Molecular photofluorescence and phosphorescence spectrometry: 12L

Basic theory, instruments, different photonic and deactivation process (interval conversion, vibration, relaxation, intersystem crossing fluorescence, phosphorescence, external conversion etc.), their inter-relationships and differences □ energy level diagram, Morse curve □ principal types of electronic transitions, principal types of linkages in fluorimetric reagents, reagents, effect of substitution (on aromatics) upon photoluminescence, structural and environmental effects on photoluminescence, quenching and non-quenching extinction of fluorescence and probable mechanism for quenching, characteristics of π - π states, spectra, mirror image rule, its violation and causes of violation delayed fluorescence, charge transfer process, structural factor favourable for fluorogenic reagents, fluorescence, immunoassay and its advantage over Radio-immunoassay, cations favouring fluorescent metal chelate formations. Fields of applications, merits and demerits of fluorimetry, assessment as an ultratrace analysis technique. Principal types of reactions used in fluorimetric analysis. Analytical Applications. Phosphorimetry: Low temperature phosphorescence, Room temperature phosphorescence (RTP). Advantages and disadvantages. Applications. Chemiluminescence: Theory, measurement of chemiluminescence, mechanisms in analytical applications.

Unit III : Optical Methods & Flow Injection Analysis : 12L

□RF: Basic principle, instruments, excitation sources, energy dispersive and wavelength dispersive □RF techniques □ their advantages and disadvantages, matrix effects and their suppression, health hazards and safety. Applications.

Inductively Coupled Plasma Atomic Emission Spectroscopy (ICPAES): Principles, atomization and excitation, ICP-source, Instrumentation and applications

Flow Injection Analysis: Introduction, principal, theoretical aspects of FIA, techniques, pretreatment of sample in packed reactors, components of FIA apparatus, Factors affecting FIA and applications.

Unit-IV : Food and Cosmetic Analysis: 12L

A) The chemical analysis of food: Importance of food analysis, Determination of approximate composition: Moisture, fat, protein, fiber, carbohydrate, etc. □ quantitative analysis for food quality and safety - Determination of minerals, vitamins, anti-oxidants, toxins and preservatives. General idea of the properties of drugs for their characterization and quantification. □ quantitative methods of analysis - Gravimetric and volumetric analysis, potentiometry, coulometry and amperometry titrations, colorimetry, fluorimetry and polarimetry methods, Analysis of artificial sweeteners in food and colouring agents.

B) Analysis of Cosmetics-Composition of creams and lotions- determination of water, propylene glycol, non-volatile matter and ash content. Determination of borates, carbonates, sulphates, phosphates, chlorides, titanium and zinc oxides.

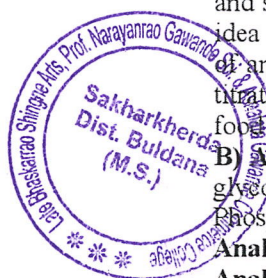
Analysis of face powder- estimation of boric acid, Mg, Ca, Zn, Fe, Al and Ba.

Analysis of deodorants and antiperspirants-composition, analysis of fats and fatty acids, boric acid, magnesium, calcium, zinc, iron, titanium, aluminium, phenol, hexachlorophenone, methanamine, sulphonates and urea

Unit V : Forensic & Fuel analysis: 12L

Forensic Analysis: Special features of forensic analysis, sampling, sample storage, sample dissolution, classification of poisons, lethal dose, significance of LD-50 and LC-50. general discussion of poisons with special reference to mode of action of cyanide, organophosphate and snake venom. Estimation of poisonous materials such as lead, mercury and arsenic in biological samples.

Fuel analysis : Solid, Liquid and gaseous fuels. Characteristics of ideal fuels. Ultimate and proximate analysis of coal, heating values, grading of coal, liquid fuels-flash point, aniline point, knocking, antiknock compounds, octane number, cetane number and carbon residue. Gaseous



General Interest Course :01
Chemistry for All (02 Credit)

Code of the Course/Subject	Title of the Course/Subject	(Total Number of Periods)
-----	Chemistry for All	30 hrs

Course Outcome: After completion of this course successfully, the students would be able to.....

1. grasp basic insights into concept of atoms and molecules
2. understand Periodic Table trends and functional groups;
3. correlate concept of properties of elements, chemical reactivity and stability.
4. corelate Chemistry with the process of photosynthesis and pollution.
5. apply concepts of chemistry to biomolecules and functions of drugs inside the body.

Foundation: Elements, Atoms, Subatomic particles, Discovery, Periodic Table, Radioactive Elements, Stability and reactivity, Molecules, Characterization, Properties and Chemical Reactions. Chemical compounds and functional groups (for students with non-chemistry background). Solids, liquids and gases; properties.

Environment and Impact on Daily Life: Sun (nuclear fusion), Liquid water – Importance of H-bond (potable, hard and soft), Importance of trees and plants, Photosynthesis – oxygen supply to air and water. Greenhouse effect, Atmospheric chemical pollution and its impact. Nuclear waste, Industrial chemical pollution, Pesticides – fertilizers, organic farming etc. Chemistry in the Living Beings, Healthy food pyramid, Essential chemical components (Fe, Ca, Na K, Vitamins, Proteins, Fat) – in relation to eye, blood, bones, brain, heart etc. Chemistry of food and food products.

Medicines: Common drugs and their function inside the body, Side effect of Drugs.

Course Material/Learning Resources: To be provided by the instructor

Useful Weblinks :

1. https://und.edu/academics/online/enroll-anytime/chem115.html?gclid=CjwKCAjw5NqVBhAjEiwAeCa97dl77-Xu0i2ZEIRYmMOK-0NV47kmzcVbnPE6Lcz6DnisrwLofcDFERoC_plQAvD_BwE
2. <https://www.rsc.org/globalassets/22-new-perspectives/talent/is-chemistry-accessible-for-all/rsc-cfa-report.pdf>
3. <https://www.acs.org/content/acs/en/education/whatischemistry/everywhere.html>



- Unit-III :** **12L**
A) Protection and Deprotection of functional groups Protection and deprotection of functional groups like, hydroxyl, amino, carbonyl and carboxylic acids groups, techniques employed for these.
B) Phase Transfer Catalysis: Quaternary ammonium and phosphonium salts, Crown ethers. Their methods of preparation and application in Organic Synthesis, Mechanism of Phase transfer reaction. ozone phase transfer catalyst,
- Unit-IV :** **12L**
Reagents in Organic Synthesis: Use of following reagents in Synthesis and functional group transformations such as complex metal hydrides, Gilman reagents, Lithium dialkyl cuprate LDA, DCC, Trimethyl silyl Iodide, Tributyl Tin hydride, Woodward and Prevost Hydroxylation, DDQ, Chloranil, Peterson Synthesis, Becker Reagent, Periodic Acid and periodate, Diazomethane, Selenium Dioxide, RuCl₄, IBX, DMP, Heck Reaction, Mukaiyama Reaction
- Unit-V :** **12L**
Heterocyclic Compounds: Nomenclature and familiarity with the heterocyclic ring (3- 7 members containing up to 3 heteroatoms). Detailed chemistry of Pyrazole, imidazole, oxazole, thiazole, thiazine, diazines, triazines pyrimidines, pyrazines and zepines, oxepines, Indoles, Benzofurans, Quinolines Flavones, Chromones, Coumarines, Phenothiazines, Azetidines

Books suggested :

- 1) Principle of organic synthesis. R.C. Norman & M. Coxon
- 2) Modern synthetic reaction. H. House W.A. Benjamin
- 3) Organic synthesis, The disconnection approach-S. Warren
- 4) Designing organic synthesis-S. Warren
- 5) Some modern methods of organic synthesis-W. Carruthers,
- 6) Advance organic reaction. Mechanism & structure-Ferry March
- 7) Advance organic chemistry Part-B-F. A. Carey & R. Sundberg, Plenum P.
- 8) Organic reaction and their mechanism-PS Kalsi
- 9) Protective group in organic synthesis-TW Greene, & PGM
- 10) The chemistry of organo phosphorous-A. Kirby, & SG Warren
- 11) Organo silicon compound-C. Eabon
- 12) Organic synthesis via Boranes-HC. Brown
- 13) Organo borane chemistry-TP Onak
- 14) Organic chemistry of boron-W. Gerrard
- 15) Organic Chemistry Reaction: Mooney
- 16) Heterocyclic chemistry: Fule & Smith (Van Nostrand).
- 17) Heterocyclic chemistry: R. K. Bansal: (Wiley E).
- 18) Principles of modern heterocyclic chemistry: L. A. Paquette
- 19) The structure and reactions of heterocyclic compounds: M. H. Palmer.
- 20) Advances in Heterocyclic chemistry: A. R. Katritzky:
- 21) Organic Chemistry: Clayden, Greeves, Warren & Wothers

SEMESTER –IV

Paper XVI

Special Paper-IV : ORGANIC CHEMISTRY (Applied and Medicinal Chemistry)

Total Lectures: 60Hrs, 4 Hrs per week, 12 Hrs/unit

Total Marks-80

- Unit-I** **12L**
Polymers, Dyes and Agrochemicals:
A) Mechanism of polymerization, study of polyesters, polyamides, PVC, polystyrene, Polyvinyl acetate and polyvinyl alcohol, polyethenes, viscous rayon. Synthesis of polyethylene, polypropylene.
 Synthetic Rubber: Styrene-butadiene, Butyl polyisoprene, polyurethane Vulcanization mechanism, phenol formaldehyde resin, stereo regulated polymers. Atactic, Isotactic and Syndiotactic polymers. Plasticizers, Foaming agents. Antioxidants for polymers,
B) DYES: General Introduction, optical brighteners, thermal sensitive dyes, disperse dyes. Fiber swelling in dyeing. Use of carriers in dyeing. Use of heat energy in dyeing, study of quinoline yellow, cyanine dye; ethyl red, methylene blue, Alizarin, cyanine-green, fluorescein, eosin, erythrosine, Rhodamine and Indigo
C) Agrochemicals:
 i) **Carbamate pesticides:** Introduction, Carbaryl, Bayon, Gram.
 ii) **Organophosphorous pesticides:** Malathion, Monocrotophos, Dimethoate.
 iii) **Plant growth regulators:** General survey synthesis of simple compounds.

