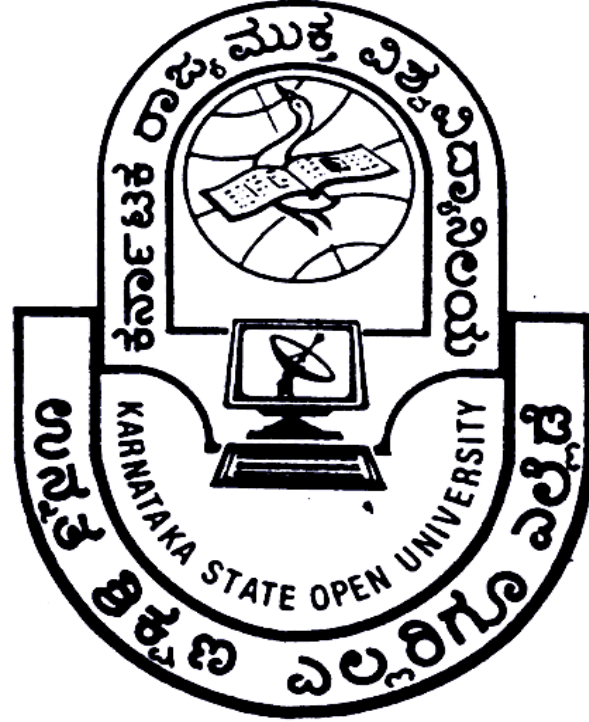


KARNATAKA STATE OPEN UNIVERSITY

PROGRAMME GUIDE

MASTER OF ARTS IN HINDI

(CBCS-SEMESTER SCHEME)



**DEPARTMENT OF POST GRADUATE
STUDIES AND RESEARCH IN HINDI**

Mukthagangothri, Mysore – 570 006

VICE-CHANCELLOR'S MESSAGE

Dear Learner,

The family of KSOU welcomes you to pursue the academic programmes you have chosen to achieve not only academic excellence but also to fulfil the desire of your career. The University established by the Act of State Legislature, it has created wonderful academic ambience. The programmes offered by the university have been recognized by University Grants Commission. Therefore, the degrees are valid for employment opportunities across the country. The 'core values' of the University is derived from its vision '**Higher Education to Everyone, Everywhere**'. The ultimate touchstone of providing quality higher education is the motto of the university. Today, higher education stands at the crossroads of keeping pace with the emerging needs of the country.

The University has adopted a school concept in its functioning. Different schools headed by Directors offer academic programmes in Humanities, Commerce, Education, Science and Social Sciences. It combines an inter-disciplinary and professional approach to pedagogy and research. The University believes that rigors of the contemporary world require competent quality human resources to create knowledge based society. The academic activities of M.A./M.Com programmes are routed through well-established department/s led by the Chairperson/s. Well-qualified teaching faculty with equally dedicated non-academic team is an asset to the university, which is always, committed for the welfare of the students.

The University functions in a 3-tier system of student support service, namely Headquarters, Regional Centres and Learners Support Centres spread all over Karnataka. The learners can undergo teaching learning process in the notified Regional Centres/Learner Support Centres. The University has adopted a mechanism to deliver Self Learning Material by print, limited audio visual and Counselling/Personal Contact Programme. As a learner, you will have greater opportunity to gain knowledge and skill through these mechanisms. The academic counsellors will play a strategic role and enable you from the enrolment of the programme till you accomplish the goal. A proper blending of the knowledge and skill will be imparted so that you will be transformed as a good citizen to contribute to the development of society and the country.

The UGC in its Public Notice dated: 23.02.2018 stated that the Degree/Diploma/Certificate Programmes awarded through distance mode are on par with corresponding Degree/ Diploma/ Certificate Programme obtained through conventional universities. The degrees acquired through distance education are recognized for the purpose of employment in State/Central Government, MNCs, and Private Sector etc. It also enables you to pursue higher education in other educational institutions. Therefore, you have greater opportunity of pursuing Higher Education without any kind of fear about your career.

I am sure you will enjoy good experience with services rendered by the university through its Regional Centres and Learner Support Centres, besides Headquarters. I wish you all the best in your academic endeavours.

Prof. Vidyashankar .S

MESSAGE FROM DEAN (ACADEMIC)

Dear Learner,

As you know education imparts knowledge and skills which empowers all to build civilized society. The education policy of the government provides a greater opportunity to accelerate Gross Enrolment Ratio (GER). Higher education is imparted both by conventional system and ODL system. The ODL system operates under access, flexibility and success.

The Karnataka State Open University, which came up in 1996 under the Act of state legislation 1992 plays a pivotal role in imparting quality education. As one of the premier institutions in ODL system of the country, the university strive hard to empower various disadvantaged sections of the society like, house wives, economically and culturally backward, tribal, senior citizens, working groups, differently abled, professionals, prison inmates etc., The University caters to the needs of students ranging from the age of 18 years to 80 years. The programmes offered by KSOU are strictly in conformity with quality and standards set by regulatory bodies UGC/AICTE etc.,

The KSOU operates on dictum quality first and students foremost. Further the university is highly committed to provide need based education to the door steps of the students. The Eminent teaching faculty and dedicated non-academic staffs in various departments and student support services create a conducive environment for teaching learning. I am confident that, as a learner in the university, you will enjoy good experience in the system.

I wish you all the best in your academic endeavours.

Prof. Kamble Ashok

Chairman's message

Dear Learner,

It is my pleasure to welcome you to the Department of Hindi, Karnataka State Open University, which was established in the year 1996. The Master's programme in Hindi Literature has significant areas such as History of Hindi Literature, Comparative Literature, Indian Literature in Translations etc. Literature has had a major impact on the development of society, which gives a detailed preview of human experiences. It has shaped civilizations, changed political systems and revival of cultural values. Reading, Comprehension and Writing Skills would be a pre-requisite for this programme. Learning can be a pleasurable experience, when you read with an openness of mind. Hence the learners sharpen their intellectuality, enhance literary sensibilities and develop usage of vocabulary.

Learning through distance education is quite different from learning in conventional education system. In conventional education system face to face interaction, classroom activities, feedback sessions are practiced. Apparently, the proximity will develop between the teacher and learner, which creates an ideal environment for learning. Whereas in the distance education system, the situation is completely reverse. The students are a heterogeneous group; here quintessentially SLM takes the role of a teacher. Hence a number of learning activities are incorporated in SLM in a simple conversational style. Teaching through audio, video, broadcast, computer media is also used for the benefit of the learners. The learners are advised to attend the contact program for getting better exposure to the relevant program. A good dictionary is a good friend. Consulting a dictionary every now and then is a good habit and worth cultivating. This Program enables learners to engage in conversations and write with confidence in all spheres of their daily life.

Compliments to your endeavours.

Dr.Prabhusena D.,
Chairman

Department of Studies and Research in Hindi
Karnataka State Open University, Mysore-06

1. DEPARTMENT OF STUDIES AND RESEARCH IN HINDI

The Department of Hindi, Karnataka State Open University was established in the year 1996. It offers B.A, M.A, Ph.D., Courses. Many eminent teachers served the Department with great distinction. The faculty of the department specialized in the areas of study such as; Literary Criticism and Critical Theory, Feminism and Women's Writing, Partition Narratives, Translation Studies, Indian Writing in Hindi, Film Studies, Gender Studies and Modernism and Postmodernism etc.

The Hindi Department strengthens students by cultivating critical thinking that can spark creativity, innovation and inculcate the values of critical reading, effective writing, and the richness of literature of past and present. It further facilitates the students the acquisition of communication skills with a humanistic approach.

A language laboratory for students of the Department has been set up. Over the years, the Department has organized several ELT workshops, Conferences on various contemporary literary issues.

Faculty Details

Sl. No.	Name of the Faculty	Designation	Qualification	Specialization	Experience in Years	Mobile Number
1	Dr. Prabhusena D	Assistant Professor & Chairman	M.A. Ph.D	Modern Hindi Poetry, Comparative Study, Poetic Criticism	08	9945653167
2	Dr. Prabhusena D	Assistant Professor & Chairman	M.A. Ph.D	Modern Hindi Poetry, Comparative Study, Poetic Criticism	08	398
3	Dr. Veena	Assistant Professor (Contract Basis)			-	-
4	Dr. Chandra Shekhar R	Assistant Professor (Contract Basis)			-	-

2. Programme: M.A in Hindi

M.A Hindi programme introduces to the students the most popular literary genres, such as poetry, drama, novel, literary criticism and theory. **Poetry** captures the varieties of life and experience and gives us different perspectives on life. **Drama or Play** appeals to the audience at different levels. In a play, the plot is the basic level of communication. They are certain concerns, universal and profound, in the pattern of the play. **Novel** is an extended work of **fiction** written in prose. As an extended narrative, the novel is distinguished from the short story. The programme aims at providing instruction and carrying out research in current areas of Hindi Studies. In addition to Hindi Literature, it encourages the areas such as Contemporary Theory, Kannada/English Fiction in Translation, New Literatures in Hindi, Comparative Studies etc.

M.A Hindi program serves as a foundation for the students to open up avenues for further research in the field of Hindi Literature and enhances the academic, cultural and social experience. The Program facilitates the students the choice of becoming professionally competent and increase their proficiency in Hindi and creates a platform to air their potential, widen the literary horizons in the contemporary literary world.

MISSION AND OBJECTIVES

a. Mission:

- ❖ To impart knowledge in language and literature to the learners and equip them with the skills to meet the challenges in the field of Hindi.
- ❖ To strengthen the institutional networking for knowledge sharing and academic excellence.
- ❖ To inculcate the individual social responsibility to meet the diverse needs of society.
- ❖ To impart quality higher education which drives the learners to be responsible citizens in a competitive world.

Objectives:

- To impart knowledge of the political, economic, socio-cultural and intellectual background, through the major literary texts in Hindi Literature.
- To acquaint the learners with the literary movements, genres and the evolution and development of literary forms in Hindi literature to inculcate the ethical values of life through literature.
- To sensitize the inclusive group of learners with special emphasis on special groups such as women, old persons, prisoners.etc.
- To develop and sharpen interpersonal and communication skills.
- To sharpen the learner's intellect, literary sensibilities and usage of vocabulary.

3.DELIVERY MECHANISM

The delivery mechanism followed in this University is different from that of conventional Universities. The Open University system is more learners oriented, and is geared to cater to the needs of motivated students assuming that the student is an active participant in the teaching-learning process. Instruction to student is imparted through various modes such as print, audio and supported by face to face communication during week-end counselling/PCP. The University follows multi-channel approach for instruction.

It comprises proportionate combination of:

- * Printed Self-Learning Material.
- * Audio programs transmitted through Radio.
- * Face-to-Face counselling at learners support centres by academic counsellors.

Mode of Instruction

SLM takes the role of a teacher in distance education system. The study material provided to you along with this programme guide are called self-learning material (SLM) as it facilitates learning on your own. The lessons are simple and easy to understand. The SLM have been divided into blocks and units. Each block has one credit value which means you have to devote 30 hours of study for one block, it includes, studying, discussing with counsellors, attending classes, writing assignment and so on.

Objectives are given in the beginning of each unit which tells what is expected of you by learning that unit. Check Your Progress/ Self-Assessment Questions (SAQ's) are given in

content so that you can measure your progress while studying the material. Try to answer this questions which make the SLM self-evaluating. References are given at the end of each unit which gives you sources for furtherance of your study.

Duration of Programme:

The duration of the programme is **Two years. (Four Semesters)**

LEARNING OUTCOMES

M.A in Hindi programme enables the learners to become;

- ❖ Responsible citizens in the competitive world.
- ❖ An intellectually stimulating experience of learning and studying Hindi language and literature.
- ❖ Employment, critical, analytical and research skills, and advanced competence in oral and written communication.
- ❖ Bolster students for a liberal education and to inculcate the value of literature and language skills to help in the holistic development of individuals.

4.CBCS STRUCTURE AND EVALUATION SYSTEM

CBCS - M.A HINDI - FIRST YEAR – I SEMESTER							
Course Code	Semester and Course	Credits	Counselling/ PCP hours	Maximum Marks			Examination Duration Hrs
				Internal Assessment	Term- End Examination	Total	
MHNHC 1.1	हिंदी सहित्य का इतिहास (आदिकाल से भक्तिकाल तक)	4	12	20	80	100	3
MHNHC 1.2	आधुनिक हिंदी काव्य	4	12	20	80	100	3
MHNHC 1.3	हिंदी भाषा का इतिहास एवं भाषा विज्ञान	4	12	20	80	100	3
MHNHC 1.4	आधुनिक हिंदी गद्य साहित्य	4	12	20	80	100	3
MHNHC 1.5	प्रयोजनमूलक हिंदी	4	12	20	80	100	3
MHNOEL 1.1	व्यावहारिक हिंदी एवं व्याकरण	2	06	10	40	50	1½
Semester-I Total		22	66	110	440	550	

CBCS - M.A HINDI – FIRST YEAR - II SEMESTER							
Course Code	Semester and Course	Credits	Counselling/ PCP hours	Maximum Marks			Examination Duration Hrs
				Internal Assessment	Term- End Examination	Total	
MHNHC 2.1	हिंदी साहित्य का इतिहास (रीतिकाल और आधुनिक काल)	4	12	20	80	100	3
MHNHC 2.2	प्राचीन एवं मध्यकालीन हिंदी काव्य	4	12	20	80	100	3
MHNHC 2.3	कर्नाटक संस्कृति और कन्नड साहित्य	4	12	20	80	100	3
MHNHC 2.4	भारतीय एवं पाश्चात्य काव्यशास्त्र	4	12	20	80	100	3
MHNHC 2.5	हिंदी पत्रकारिता	4	12	20	80	100	3
MHNOEL 2.1	हिंदी सिनेमा	2	06	10	40	550	1½
Semester -II Total		22	66	110	440	550	

CBCS - M.A HINDI – FIRST YEAR - III SEMESTER

Course Code	Semester and Course	Credits	Counselling/PCP hours	Maximum Marks			Examination Duration Hrs
				Internal Assessment	Term- End Examination	Total	
MHNHC 3.1	भारतीय साहित्य	4	12	20	80	100	3
MHNHC 3.2	विशेष साहित्यकार प्रेमचंद	4	12	20	80	100	3
MHNSC 3.1	विशेष कवि सूरदास	3	09	20	80	100	3
MHNSC 3.2	विशेष कवि कबीर	3	09	20	80	100	3
MHNSC 3.3	विशेष कवि तुलसीदास	3	09	20	80	100	3
MHNSC 3.4	हिंदी नाटक तथा रंगमंच	3	09	20	80	100	3
MHNSEC 3.1	भाषा कौशल (भाग-I)	2	06	10	40	50	1½
Semester –III Total		19	57	110	440	550	

(Out of 4 soft core (SC) papers, students have to select any 3 soft core papers)

CBCS - M.A HINDI – FIRST YEAR - IV SEMESTER

Course Code	Semester and Course	Credits	Counselling / PCP hours	Maximum Marks			Examination Duration Hrs
				Internal Assessment	Term- End Examination	Total	
MHNHC 4.1	अनुवाद सिद्धांत एवं प्रयोग	4	12	20	80	100	3
MHNHC 4.2	हिंदी आलोचना	4	12	20	80	100	3
MHNSC 4.1	स्त्री-साहित्य	3	09	20	80	100	3
MHNSC 4.2	आदिवासी साहित्य	3	09	20	80	100	3
MHNSC 4.3	दलित साहित्य	3	09	20	80	100	3
MHNSC 4.4	समकालीन हिंदी कविता	3	09	20	80	100	3
MHNSEC 4.1	भाषा कौशल (भाग-II)	2	06	10	40	50	1½
Semester – IV Total		19	57	110	440	550	
Semester I to IV Grand Total		82	246	440	1760	2200	

(Out of 4 soft core (SC) papers, students have to select any 3 soft core papers)

Interdisciplinary Electives

SL No	Department	Sub Code	I Semester	Sub Code	II Semester
1	KANNADA	ELK-01	ಆಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಇತಿಹಾಸ	ELK-02	ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಇತಿಹಾಸ
2	ENGLISH	ELE-01	Indian Literature -I	ELE-02	Indian Literature -II
3	HINDI	ELH-01	Vyavaharik Hindi Vyakaran	ELH-02	Hindi Cinema
4	TELUGU	ELT-01	Tilak	ELT-02	Telugu Samskruthi – Samaajam
5	HISTORY	ELHS-01	Ancient World Civilisations (Egypt, Mesopotamia, Greek, Roman, Inca, Chinese)	ELHS-02	Social Reform Movement in India
6	ECONOMICS	ELEC-01	Economic Policies of India Since 1991	ELEC-02	Institutions for International Development
7	POLITICAL SCIENCE	ELP-01	Local Government in India.	ELP-02	Indian Constitution
8	PUBLIC ADMINISTRATION	ELPA-01	Indian Polity-1	ELPA-02	Indian Polity-2
9	SOCIOLOGY	ELS-01	Invitation to Sociology	ELS-02	Study of Indian Society
10	JOURNALISM AND MASS COMMUNICATION	ELJ-01	Aspects of Journalism and Mass Communication - I	ELJ-02	Aspects of Journalism and Mass Communication - II
11	ANCIENT HISTORY AND ARCHEOLOGY	ELA-01	World heritage sites of India	ELA-02	Cultural History of Hoysalas
12	EDUCATION	ELED-01	Foundations of Education	ELED-02	Higher Education
13	COMMERCE	ELC –01	Personal Financial Planning	ELC –02	Entrepreneurship Development
14	MANAGEMENT	ELM –01	Disaster Management	ELM –02	E-Commerce
15	BIOCHEMISTRY	ELMBC –01	Basics of Bioinorganic and Biophysical chemistry for Biology graduates.	ELMBC –02	Basic Bioorganic chemistry for Biology graduates.
16	BIOTECHNOLOGY	ELMBT –01	Biotechnology Principles and applications	ELMBT –02	Fundamentals of Biotechnology
17	CHEMISTRY	ELMC –01	Open Elective I	ELMC –02	Open Elective II
18	CLINICAL NUTRITION AND	ELMCND –01	Healthy lifestyles and nutrition	ELMCND–02	Nutraceuticals and health foods

	DIETETICS				
19	COMPUTER SCIENCE	ELMCS –01	Mobile App Development	ELMCS –02	E-Commerce
20	ENVIRONMENTAL SCIENCE	ELMES –01	Basics of Environmental Science	ELMES –02	Advances in Environmental Science
21	GEOGRAPHY	ELMG –01	Introduction to Physical Geography	ELMG –02	Geography of Karnataka
22	MATHEMATICS	ELMM –01	Fundamentals of Mathematics	ELMM –02	Combinatorics and Graph Theory
23	MICROBIOLOGY	ELMMB –01	Microbial World and Microbial Diversity	ELMMB –02	Microbes in Sustainable Agriculture and Development
24	PHYSICS	ELMP –01	Mechanics	ELMP –02	Waves and Optics
25	PSYCHOLOGY	ELMPHY –01	Introduction to Psychology	ELMPHY –02	Psychology in Everyday Life
26	INFORMATION TECHNOLOGY	ELMIT –01	Green Computing	ELMIT –02	E-Commerce
27	BOTANY (NEW)	ELMBOT –01	Plant-Microbe Interactions	ELMBOT –02	Plant Diversity and Human Welfare
28	ZOOLOGY (NEW)	ELMZ –01	Parasites Vectors & communicable diseases	ELMZ–02	Essential of Reproductive Health
29	FOOD AND NUTRITION SCIENCES	ELMFNS –01	Food Psychology	ELMFNS –02	Nutritional Management in Disaster Conditions

Note:

- A. I and II Semester Open elective (Interdisciplinary Electives) syllabus are attached in Annexure – I and Annexure - II respectively.
- B. The Students may contact respective department chairperson in case of any queries regarding open elective course. The contact details available in the university website.

5. SYLLABUS M.A. HINDI CBCS –

SL.NO	COURSE CODE	COURSE TITLE	Block/ Unit
SEMESTER-I			
1	MHNHC 1.1	<p style="text-align: center;">हिंदी साहित्य का इतिहास (आदिकाल से भक्तिकाल तक)</p> <ul style="list-style-type: none"> • साहित्य का इतिहास – दर्शन ,लेखन पद्धतियाँ , • काल विभाजन और नामकरण • इतिहास लेखन की परम्परा • साहित्येतिहास के पुनर्लेखन की समस्याएँ • आदिकाल) वीरगाथा काल -(आदिकालीन परिस्थितियाँ-सामाजिक , राजनीतिक , धार्मिकऔर सांस्कृतिक • सिद्ध और नाथ साहित्य ,जैन-साहित्य , • रासो साहित्य आरम्भिक गद्य और लौकिक साहित्य • विद्यापति और उनकी रचनाओं का परिचय भक्ति-काव्य की पूर्व पीठिका। • भक्तिकाल – भक्ति-आंदोलन के उदय के सामाजिक सांस्कृतिक कारण, • भक्तिकालीन विभिन्न परिस्थितियाँ • निर्गुण एवं सगुण संप्रदाय • वैष्णव भक्ति की सामाजिक सांस्कृतिक पृष्ठभूमि • आलवार संप्रदाय ,प्रमुख संप्रदाय और आचार्य • भक्ति आंदोलन का अखिल भारतीय स्वरूप और उसका अंतः प्रादेशिक वैशिष्ट्य , • हिंदी संत काव्य – वैचारिक आधार ,संत काव्य की प्रमुख विशेषताएँ • प्रमुख निर्गुण संत कवि कबीर ,नानक ,रैदास, • हिंदी सूफी काव्य – वैचारिक आधार ,सूफी काव्य की विशेषताएँ • सूफी प्रेमाख्यानों का स्वरूप • प्रमुख सूफि कवि ,मुल्ला दाऊद ,कुतुबन ,मंझन ,मालिक मोहम्मद जायसी , • कृष्ण काव्य – विविध सम्प्रदाय ,बल्लभ सम्प्रदाय ,अष्टछाप , • प्रमुख कृष्ण भक्त कवि और उनके काव्य ,सूरदास) नंददास ,मीरा ,रसखान (• भ्रमरगीत परम्परा और गीति परम्परा.... आदि <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • हिंदी साहित्य का इतिहास - रामचन्द्र शुक्ल • हिंदी साहित्य का आलोचनात्मक इतिहास – रामकुमार वर्मा • हिंदी साहित्य का उद्भव और विकास – हजारी प्रसाद द्विवेदी • हिंदी साहित्य का इतिहास – डॉ. नगेन्द्र • हिंदी साहित्य युग और प्रवृत्तियाँ-शिवकुमार शर्मा 	Block 1-4 Unit 1-16
2	MHNHC 1.2	<p style="text-align: center;">आधुनिक हिंदी काव्य</p> <p>मैथिलीशरण गुप्त–</p> <ul style="list-style-type: none"> • पंचवटी ,व्याख्या हेतु • मैथिलीशरण गुप्त की काव्यभाषा और शिल्प 	Block 1-4 Unit 1-16

		<ul style="list-style-type: none"> • द्विवेदी युग की प्रवृत्तियाँ • द्विवेदी युग के प्रमुख कवि <p>जयशंकर प्रसाद -</p> <ul style="list-style-type: none"> • कामायनी) चिन्ता ,आशा ,श्रद्धा इडा सर्ग) (व्याख्या हेतु) • कामायनी में जीवन की प्रमुख समस्या और समाधान एवं आनन्दवाद की प्रतिष्ठा <p>सूर्यकांत त्रिपाठी निराला-</p> <ul style="list-style-type: none"> • राम की शक्ति पूजा ,(व्याख्या हेतु) • निराला का काव्य सौष्ठव • निराला की प्रबन्ध कल्पना <p>सूर्यकांत त्रिपाठी निराला-</p> <ul style="list-style-type: none"> • राम की शक्ति पूजा ,(व्याख्या हेतु) • निराला का काव्य सौष्ठव • निराला की प्रबन्ध कल्पना <p>सुमित्रानन्दन पंत -</p> <ul style="list-style-type: none"> • ग्राम्या ,नौका विहार ,बापू के प्रति ,परिवर्तन • आधुनिक युग की नूतन काव्य-धारा में पंत का स्थान • नवमानवतावादी युग • पंत का प्रकृति-चित्रण <p>महादेवी वर्मा-</p> <ul style="list-style-type: none"> • “दीप-शिखा”) पंथ होने दो अपरिचित ,सब बुझे दीपक जला दूँ ,यह मंदिर का दीप(• गीति काव्यधारा में महादेवी का स्थान • महादेवी की रहस्यानुभूति • महादेवी की विरहानुभूति <p>दिनकर-</p> <ul style="list-style-type: none"> • “उर्वशी” तृतीय सर्ग (व्याख्या हेतु) <p>मुक्तिबोध -</p> <ul style="list-style-type: none"> • मुक्तिबोध का जीवन दर्शन और उनकी काव्य दृष्टि • “अंधेरे में” • काव्य शिल्प - फैंटेसी के संदर्भ में <p>सच्चिदानंद हीरानंद वात्स्यायन अज्ञेय-</p> <ul style="list-style-type: none"> • नदी के द्वीप • अज्ञेय के काव्य में आधुनिक भाव बोध ,काव्य भाषा ,काव्य शिल्प <p>हरिवंशराय बच्चन -</p> <ul style="list-style-type: none"> • रात आधी हो गयी है • हालावाद और उनकी कविताओं की प्रमुख प्रवृत्तियाँ <p>रघुवीर सहाय -</p> <ul style="list-style-type: none"> • प्रतिनिधि कविताएँ – रामदास ,नयी हँसी ,अधिनायक • अपने समय के आर-पार देखता कवि : रघुवीर सहाय • रघुवीर सहाय की काव्य यात्रा 	
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		<p>शमशेर बहादुर सिंह –</p> <ul style="list-style-type: none"> • प्रतिनिधि कविताएँ – (सींग और नाखुन घिर गया है समय का रथ , चीन देश का नाम , लौट आ , ओ धार हार-हार समझा में) • शमशेर के काव्य की विचार भूमि • शमशेर का काव्य : संवेदना और शिल्प <p>डॉ. शम्भुनाथ सिंह –</p> <ul style="list-style-type: none"> • (पगडंडी , देश हैं हम , उलखनन , जहाँ दर्द नीला है) • नवगीत की प्रमुख प्रवृत्तियाँ या विशेषताएँ • शम्भुनाथ सिंह के काव्य में राष्ट्रीयता • शम्भुनाथ सिंह के काव्य में प्रकृति-चित्रण..... आदि <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> • साहित्यिक निबंध- राजनाथ शर्मा • कामायनी का समीक्षात्मक अध्ययन- प्रो. पुरुषोत्तमलाल • नयी कविता का इतिहास- डॉ. वैजनाथ सिंह • नई कविता में बिंब का वस्तुगत परिप्रेक्ष- गोविंद द्विवेदी • नई कविता की पहचान- राम स्वरूप चतुर्वेदी 	
3	MHNHC 1.3	<p style="text-align: center;"><u>हिंदी भाषा का इतिहास एवं भाषा विज्ञान</u></p> <p>भाषा की ऐतिहासिक पृष्ठभूमि</p> <ul style="list-style-type: none"> • भाषा का अर्थ एवं परिभाषा • भाषा की प्रकृति एवं विशेषताएँ • संसार की भाषाओं का वर्गीकरण • प्राचीन भारतीय आर्यभाषा • वैदिक लौकिक संस्कृत की विशेषताएँ • आधुनिक भारतीय आर्यभाषा का परिचय <p>हिंदी भाषा का उद्भव और उसकी उपभाषाएँ</p> <ul style="list-style-type: none"> • हिंदी भाषा का उद्भव और विकास • हिंदी की उपभाषाएँ – पश्चिमी हिंदी , पूर्वी हिंदी , राजस्थानी • बिहारी तथा पहाड़ी और उनकी बोलियाँ • ब्रज , अवधी और खड़ी बोली का परिचय और विशेषताएँ <p>लिपि विषयक अध्ययन</p> <ul style="list-style-type: none"> • लिपि का अर्थ और उसका भाषा से सम्बन्ध • विश्व की प्राचीन लिपियाँ • प्राचीन भारतीय लिपि – खरोष्ठी लिपि , ब्राह्मी लिपि <p>देवनागरी लिपि</p> <ul style="list-style-type: none"> • नामकरण , उत्पत्ति , विकास • देवनागरी लिपि की वैज्ञानिकता और महत्व • गुण-दोष और सुधार हेतु प्रयास <p>ध्वनि विज्ञान (स्वन विज्ञान)</p>	Block 1-4 Unit 1-16

		<p>पद विज्ञान (रूप विज्ञान)</p> <p>अर्थ विज्ञान</p> <p>शब्द विज्ञान</p> <p>वाक्य विज्ञानआदि</p> <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • भाषा विज्ञान एवं भाषा शास्त्र- डॉ. कपिलदेव द्विवेदी • भाषा विज्ञान प्रवेश- डॉ. भोलानाथ तिवारी • हिंदी भाषा का उद्भव और विकास – भोलानाथ तिवारी • हिंदी भाषा की संरचना – रवीन्द्रनाथ श्रीवास्तव, राधाकृष्ण प्रकाशन • हिंदी भाषा का लिपि का ऐतिहासिक विकास – सत्यनारायण त्रिपाठी – विश्वविद्यालय प्रकाशन, वाराणसी • हिंदी भाषा का इतिहास – धीरेन्द्र वर्मा, हिंदुस्तान एकेडमी, प्रयाग 	
4	MHNHC 1.4	<p style="text-align: center;">आधुनिक हिंदी गद्य साहित्य</p> <p>नाटक: एक और द्रोणाचार्य</p> <ul style="list-style-type: none"> • नाटक साहित्य का उद्भव और विकास • नाटककार शंकर शेष • नाटक कला के तत्वों के आधार पर एक और द्रोणाचार्य : एक विवेचन • नाटक का कथासार • पात्र योजना एवं चरित्र चित्रण • संवाद योजना • देशकाल तथा वातावरण • भाषा शैली • विचार और उद्देश्य • शीर्षक की सार्थकता • केंद्रित समस्याएँ अथवा विविध समस्याएँ <p>उपन्यास: तमस</p> <ul style="list-style-type: none"> • उपन्यास साहित्य का उद्भव और विकास • उपन्यासकार भीष्म साहनी • उपन्यास कला के तत्वों के आधार पर तमस: एक विवेचन • उपन्यास का कथासार • पात्र योजना एवं चरित्र चित्रण • संवाद योजना • देशकाल तथा वातावरण • भाषा शैली • विचार और उद्देश्य • शीर्षक की सार्थकता • केंद्रित समस्याएँ अथवा विविध समस्याएँ <p>हिंदी निबंध साहित्य</p> <ul style="list-style-type: none"> • आचार्य रामचंद्र शुक्ल और उनके निबंध (श्रद्धा-भक्ति, उत्साह) • आचार्य हज़ारी प्रसाद द्विवेदी और उनके निबंध (अशोक के फूल, भारतवर्ष की सांस्कृतिक समस्या, मनुष्य ही साहित्य का लक्ष्य है) 	Block 1-4 Unit 1-16

		<ul style="list-style-type: none"> • विष्णु प्रभाकर के निबंध (क्या खोया? क्या पाया?, समाज व्यवस्था का पुनर्निर्माण, रामकथा का रहस्य) • विद्यानिवास मिश्र और उनके निबंध (आंगन का पंछी, पार्थिव धर्म, आम्र मंजरी) <p>कहानी : कहानी कौस्तुभ</p> <ul style="list-style-type: none"> • कहानी साहित्य का उद्भव और विकास • रानी सारंधा- प्रेमचंद • शरणागत- जयशंकर प्रसाद • माता-विमाता- भीष्म साहनी • भगत की गत- हरिशंकर परसाई • एथेन्स का सत्यार्थी- सुदर्शन • अवलंब- राधाकृष्ण • पंचलाइट- फणीश्वरनाथ रेणु.....आदि <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • हिंदी नाटक और रंगमंच – लक्ष्मीनारायण लाल • हिंदी नाटक का उद्भव और विकास – डॉ. दशरथ ओझा • हिंदी के प्रतिनिधि निबन्धकार – द्वारिका प्रसाद सक्सेना • कहानी का स्वरूप और संवेदना – डॉ. राजेन्द्र यादव 	
5	MHNHC 1.5	<p style="text-align: center;">प्रयोजनमूलक हिंदी</p> <ul style="list-style-type: none"> • प्रयोजनमूलक हिंदी: हिंदी भाषा के विभिन्न रूप • प्रयोजनमूलक हिंदी और उसकी परिव्याप्ति • प्रयोजनमूलक हिंदी के विविन्न रूप • प्रयोजनमूलक हिंदी का स्वरूप • प्रयोजनमूलक हिंदी की विशेषताएँ • प्रयोजनमूलक हिंदी का प्रयोजन • प्रयोजनमूलक हिंदी का महत्व • राजभाषा का स्वरूप एवं विकास • संविधान में राजभाषा हिंदी के लिए दिये गये प्रावधान • राजभाषा अधिनियम • राजभाषा नीति का कार्यान्वयन • आलेखन: अर्थ, परिभाषा और स्वरूप • आलेखन के अंग • आलेखक और आलेखन के गुण • आलेखन लेखन की विधि • टिप्पण: अर्थ, परिभाषा और स्वरूप • टिप्पण के अंग • टिप्पण लेखन की विधि • संक्षेपण का अर्थ, परिभाषा, गुण एवं विधि • पल्लवन का अर्थ, परिभाषा, विशेषताएँ • पत्रलेखन विधि • वाणिज्यिक अथवा व्यावसायिक पत्र • प्रशासनिक अथवा प्रशासनिक पत्र • कार्यालय पद्धति • पारिभाषिक शब्दावली 	

		<ul style="list-style-type: none"> • हिंदी कंप्यूटिंग एवं इंटरनेट • वेब पब्लिशिंग.... आदि <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • प्रयोजनमूलक हिंदी – विनोद गोदरे • कार्यालय सहायिका– प्रकाशक-केन्द्रीय हिंदी सचिवालय, नई दिल्ली • आदर्श कार्यालय प्रविधि-एम द्विवेदी • राजकाज हिंदी संदर्भिका– कैलास कलपिट, लोकभारती प्रकाशन, इलाहाबाद • सरकारी कार्यालय में हिंदी का प्रयोग– गोपीनाथ श्रीवास्तव, लोकभारती प्रकाशन, इलाहाबाद 	
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SL.NO	COURSE CODE	COURSE TITLE	Block/ Unit
II SEMESTER			
1	MHNHC 2.1	<p style="text-align: center;">हिंदी साहित्य का इतिहास (रीतिकाल और आधुनिक काल)</p> <p>रीतिकालीन साहित्य की विभिन्न धाराएँ</p> <ul style="list-style-type: none"> • रीतिबद्ध ,रीतिसिद्ध और रीतिमुक्त • रीतिकालीन प्रवृत्तियाँ • रीतिकाल के प्रमुख कवि और उनकी रचनाएँ <p>रीतिकाल की ऐतिहासिक पृष्ठभूमि</p> <ul style="list-style-type: none"> • रीतिकाल की सीमा और नामकरण • दरबारी संस्कृति और लक्षण ग्रंथ की परम्परा • रीतिकालीन साहित्य की परम्परा <p>आधुनिक काल) विकास एवं प्रवृत्तियाँ)</p> <ul style="list-style-type: none"> • आधुनिक काल का नामकरण • आधुनिक काल का सीमा निर्धारण • भारतेन्दु युगीन काव्य • द्विवेदी युगीन काव्य • छायावाद एवं उत्तर छायावाद काव्य की विविध प्रवृत्तियाँ • छायावाद ,प्रगतिवाद ,प्रयोगवाद ,नयी कविता ,नवगीत ,समकालीन कविता • संक्षिप्त परिचय और प्रमुख कवि <p>हिंदी गद्य एवं आलोचना</p> <ul style="list-style-type: none"> • कहानी ,उपन्यास ,नाटक ,निबन्ध ,संस्मरण • रेखाचित्र ,जीवनी ,आत्मकथा ,रिपोर्ताज आदि विधाओं का संक्षिप्त परिचय और प्रमुख लेखक.....आदि 	Block 1-4 Unit 1-16

		संदर्भ ग्रंथ	
		<ul style="list-style-type: none"> हिंदी साहित्य का इतिहास - रामचन्द्र शुक्ल हिंदी साहित्य का आलोचनात्मक इतिहास – रामकुमार वर्मा हिंदी साहित्य का उद्भव और विकास – हजारी प्रसाद द्विवेदी हिंदी साहित्य का इतिहास – डॉ. नगेन्द्र हिंदी साहित्य युग और प्रवृत्तियाँ-शिवकुमार शर्मा 	
	MHNHC 2.2	<p style="text-align: center;">प्राचीन एवं मध्यकालीन हिंदी काव्य</p> <p>आदिकालीन कवि</p> <ul style="list-style-type: none"> विद्यापति : विद्यापति पदावली ,(प्रथम 15पद व्याख्या के लिए(संपा . रामवृक्ष बेनीपुरी रासो साहित्य का संक्षिप्त परिचय पृथ्वीराज) रासो की प्रामाणिकता तथा अप्रामाणिकता(<p>भक्तिकालीन कवि</p> <ul style="list-style-type: none"> कबीर : कबीर ,संपा .हजारी प्रसाद द्विवेदी) प्रथम 25 पद व्याख्या के लिए(जायसी : जायसी ग्रंथावली : संपादक – रामचंद्र शुक्ल नागमति वियोग खण्ड) व्याख्या के लिए(सूरदास : भ्रमरगीत सार ,संपा .रामचन्द्र शुक्ल पद सं) .45 से 70 व्याख्या के लिए(तुलसीदास : रामचरित मानस) उत्तरकांड (व्याख्या के लिए <p>बिहारीलाल</p> <ul style="list-style-type: none"> बिहारी रत्नाकर ,संपा .जगन्नाथ रत्नाकर) प्रथम 25दोहे व्याख्या के लिए(<p>घनानन्द :</p> <ul style="list-style-type: none"> घनानन्द कवित्त संपा .विश्वनाथ प्रसाद मिश्र) आरंभिक 25पद व्याख्या के लिए(कबीर की भक्ति भावना ,समाज दर्शन ,विद्रोह की भावना जायसी की प्रेम भावना ,लोक तत्व ,कथानक रूढ़ि ,काव्यदृष्टि सूरदास-भक्तिभावना के विविध रूप ,गीति तत्व तुलसीदास की सांस्कृतिक दृष्टि ,लोकमंगल की भावना ,समन्वय की भावना , काव्य (उत्तरकांड के संदर्भ में) दृष्टि बिहारी : सौंदर्य भावना ,बहुजता ,काव्य कला घनानन्द : स्वच्छन्द योजना ,प्रेम व्यञ्जना ,काव्य दृष्टि....आदि <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> कबीर साहित्य की परख – परशुराम चतुर्वेदी सूफीमत – साधना और साहित्य, रामपूजन तिवारी, ज्ञानमण्डल, वाराणसी भक्ति आंदोलन और सूरदास का काव्य – मैनेजर पाण्डेय तुलसीदास, माताप्रसाद गुप्त हिंदी परिषद, प्रयाग बिहारी का नवमूल्यांकन – डॉ. बच्चन सिंह जायसी, विजयदेव नारायण साही, हिन्दुस्तानी अकादमी इलाहाबाद 	Block 1-4 Unit 1-16
	MHNHC 2.3	कर्नाटक संस्कृति और कन्नड साहित्य	Block 1-4 Unit 1-16

		<ul style="list-style-type: none"> • कर्नाटक संस्कृति का स्वरूप • कर्नाटक की भौगोलिकता और सिद्धे • कर्नाटक का ऐतिहासिक विवेचन • कर्नाटक की धार्मिक परंपरा का विवेचन • कर्नाटक की धार्मिक संस्कृति और वैदिक मत • कर्नाटक के लोककलाएँ एक विवेचन • कर्नाटक की शिल्पकला एवं मूर्तिकला एक विवेचन • कर्नाटक की संगीत संस्कृति और नृत्य संस्कृति • कर्नाटक के ऐतिहासिक अवशेषों एवं शिलालेखों का विवेचन • कर्नाटक के प्रमुख दर्शनीय स्थानों की समीक्षा • कन्नड भाषा एवं लिपी का उद्भव और विकास • कन्नड साहित्य का उद्भव और विकास • पंप पूर्व युगीन साहित्य एवं साहित्यकारों का विवेचन • कन्नड साहित्य के पंप युग का विवेचन • बसवयुग का समीक्षात्मक अध्ययन • बसवेश्वर और उनका वचन साहित्य • बसवकालीन प्रमुख वचनकारों का समीक्षात्मक अध्ययन • बसवयुगीन शैव भक्ति साहित्य एवं जैन साहित्य • कुमारव्यास युग का सामान्य परिचय • कुमारव्यास युगीन भागवत कवि और उनकी रचनाएँ • दास साहित्य का विवेचन • कुमारव्यास युगीन वीरशैव साहित्य और सर्वज्ञ का अनुशीलन • कन्नड की चंपुकाव्य परंपरा • कुमारव्यास युगीन जैन साहित्य • कन्नड कहानी साहित्य का उद्भव और विकास • कन्नड उपान्यास साहित्य का उद्भव और विकास • कन्नड नाटक साहित्य का विवेचन • आधुनिक कन्नड काव्य का परिचयात्मक विवेचन • कुवेंपु का व्यक्तित्व और कृतित्व • शिवराम कारंत और मास्ति वेंकटेश अय्यंगार • कन्नड की महिला लेखिकाएँ • कन्नड की वीर वनिताएँ.....आदि <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> • कन्नड साहित्यद इतिहास- आर. नरसिंहाचार्य • कन्नड साहित्यद इतिहास- आर. एस. मुगळी और डॉ. सिद्धगोपाल • कर्नाटक परंपरे- आर. एस. मुगळी • कर्नाटकद जनप्रिय संस्कृति- मास्ति वेंकटेश अय्यंगार • संक्षिप्त कन्नड साहित्य चरित्रे- मरियप्पा भट्ट • कन्नड नाडिन चरित्रे- कन्नड साहित्य परिषद • वचन धर्म सार- श्रीनिवास मूर्ति • हरिदास साहित्य- केशवदासरु 	
4	MHNHC 2.4	<p style="text-align: center;"><u>भारतीय एवं पाश्चात्य काव्यशास्त्र</u></p> <ul style="list-style-type: none"> • काव्य लक्षण • काव्य प्रयोजन • काव्य हेतु • काव्य भेद • आलोचना 	Block 1-4 Unit 1-16

		<ul style="list-style-type: none"> • ललित कलाओं में काव्यकला और शब्द शक्ति • भारतीय काव्य संप्रदाय और काव्य की आत्मा • अलंकार संप्रदाय • रीति संप्रदाय • वक्रोक्ति संप्रदाय • ध्वनि संप्रदाय • रस संप्रदाय • पाश्चात्य आलोचना का स्वरूप विवेचन • यूनानी आलोचना • प्लेटो पूर्व युग • प्लेटो के काव्यसंबंधि विचारों का विवेचन • अरस्तु का अनुकरण सिद्धांत • अरस्तु के त्रासदी सिद्धांत • अरस्तु के विरेचन सिद्धांत • कामेडी और महाकाव्य का विवेचन • होरेस के औचित्य सिद्धांत • लौजाइनस और उनका समीक्षा सिद्धांत • स्यामुयल टेलर कालरिज और मैथ्यू अर्नाल्ड के काव्य सिद्धांत • विलियम वर्डस्वर्थ के काव्य संबंधि विचार • आई.ए. रिचर्ड्स और टी.एस. इलियट के समीक्षात्मक विचार • नव्यशास्त्रवाद और स्वच्छंदतावाद एक विश्लेषण • कला कला के लिए एवं प्रकृतवाद का विवेचन • अतियथार्थवाद और आदर्शवाद का विश्लेषण • प्रतीकवाद एवं अस्तित्ववाद का विवेचन.....आदि <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> • काव्यशास्त्र – भगीरथ मिश्र, विश्वविद्यालय प्रकाशन, बनारस • शास्त्रीय समीक्षा के सिद्धान्त – दो भाग – गोविंद त्रिगुणायत • हिंदी काव्य शास्त्र की परम्परा – डॉ. शिवनाथ पांडेय • भारतीय काव्य सिद्धान्त – डॉ. नगेन्द्र • पाश्चात्य काव्यशास्त्र के सिद्धान्त – शांतिस्वरूप गुप्त, अशोक प्रकाशन, नई दिल्ली • भारतीय एवं पाश्चात्य काव्य सिद्धान्त – गणपति चंद्रगुप्त, लोकभारती प्रकाशन, इलाहाबाद • उत्तर आधुनिकता और उत्तर संरचनावाद – सुधीश पचौरी, हिमाचल पुस्तक भंडार, दिल्ली • पाश्चात्य काव्यशास्त्र – डॉ. देवेन्द्रनाथ शर्मा – नेशनल पब्लिशिंग हाउस, दिल्ली 	
5	MHNHC 2.5	<p style="text-align: center;"><u>हिंदी पत्रकारिता</u></p> <p>पत्रकारिता – परिभाषा ,स्वरूप और प्रकार</p> <ul style="list-style-type: none"> • भारत में पत्रकारिता का इतिहास • हिंदी पत्रकारिता का उद्भव और विकास • प्रजातांत्रिक व्यवस्था में पत्रकारिता का दायित्व <p>समाचार पत्रकारिता के मूल तत्व</p> <ul style="list-style-type: none"> • समाचार संकलन ,समाचार संपादन तथा लेखन के मुखअय आयाम • समाचार पत्र के विभिन्न स्तम्भों की योजना • संपादन कला के सामान्य सिद्धान्त – शीर्षक ,पृष्ठ सज्जा ,आमुख 	Block 1-4 Unit 1-16

		<ul style="list-style-type: none"> समाचार पत्र की प्रस्तुति लोक संपर्क तथा विज्ञापन <p>समाचार के विभिन्न स्रोत ,समाचार एजेन्सियाँ</p> <ul style="list-style-type: none"> संपादक तथा संवाददाता की योग्यता और गुण पत्रकारिता संबंधी लेखन – संपादकीय ,फीचर ,रिपोर्ताज साक्षात्कार ,खोजी खबर ,खेल ,फिल्म ,साहित्य-समीक्षा बाजार प्रतिवेदन ,विज्ञापन और हिंदी <p>इलेक्ट्रॉनिक मीडिया की पत्रकारिता – आकाशवाणी ,दूरदर्शन</p> <ul style="list-style-type: none"> वीडियो ,मल्टीमीडिया और इंटरनेट मीडिया पीत पत्रकारिता ,प्रिंट मीडिया हिंदी की प्रमुख पत्रिकाएँ – इंडिया टुडे ,सरिता आदि कर्नाटक में हिंदी पत्रकारिता....आदि <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> हिंदी पत्रकारिता, कृष्णबिहारी मिश्र, भारती ज्ञानपीठ, नई दिल्ली हिंदी पत्रकारिता का बृहद इतिहास, अर्जुन तिवारी, वाणी प्रकाशन, नई दिल्ली आधुनिक पत्रकारिता चुनौतियाँ और संभावनाएँ, डॉ. अशोक कुमार शर्मा इन्टरनेट पत्रकारिता, सुरेश कुमार, श्री साहित्य प्रकाशन, दिल्ली रेडियो और दूरदर्शन पत्रकारिता, हरिमोहन, श्री साहित्य प्रकाशन, दिल्ली 	
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SL.NO	COURSE CODE	COURSE TITLE	Block/ Unit
III SEMESTER			
1	MHNHC 3.1	<p style="text-align: center;">भारतीय साहित्य</p> <p>भारतीय साहित्य का स्वरूप</p> <ul style="list-style-type: none"> भारतीय साहित्य के अध्ययन की समस्याएँ भारतीय साहित्य में आज के भारत का बिम्ब भारतीयता एवं साहित्य का समाजशास्त्र हिंदी साहित्य में भारतीय मूल्यों की अभिव्यक्ति <p>हिन्दीतर साहित्य के इतिहास का अध्ययन</p> <ul style="list-style-type: none"> कन्नड़ साहित्य का इतिहास) संक्षिप्त(बंगला साहित्य का इतिहास) संक्षिप्त(हिंदी और कन्नड़ कवियों का तुलनात्मक अध्ययन कबीर और बसव ,मीरा और अक्कमहादेवी <p>हिन्दीतर साहित्य और हिंदी साहित्य का तुलनात्मक अध्ययन</p> <ul style="list-style-type: none"> गुजराती ,तमिल ,मलयालम ,तेलगु ,असम ,पंजाब साहित्य <p>उपन्यास ,कहानी ,कविता संग्रह एवं नाटक) व्याख्या के लिए(</p> <ul style="list-style-type: none"> अग्निगर्भ) उपन्यास (महाश्वेता देवी कोच्चि के दरख्त) कविता संग्रह (के.जी .शंकर पिल्लै घासीराम कोतवाल) नाटक (विनय तेंदुलकर घाटश्राद्ध) कहानी संग्रह (यू.आर .अनंतमूर्ति....आदि 	Block 1-4 Unit 1-16

		<p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> • भारतीय साहित्य की भूमिका – रामविलास शर्मा • भारतीय साहित्य की अवधारणा – डॉ. राजेन्द्र मिश्र, तक्षशिला प्रकाशन • भारतीय साहित्य – डॉ. ब्रजकिशोर सिंह – समवेत प्रकाशन, कानपुर • भारतीय साहित्य के इतिहास की समस्याएँ – रामविलास शर्मा • 	
2	MHNHC 3.2	<p style="text-align: center;"><u>विशेष साहित्यकार प्रेमचंद</u></p> <ul style="list-style-type: none"> • उपन्यास का उद्भव और विकास एवं प्रेमचंद का स्थान • प्रेमचंद की जीवनी एवं साहित्यिक साधना • उपन्यास 'प्रतिज्ञा' एक विवेचन • प्रतिज्ञा उपन्यास में चित्रित स्त्री एवं पुरुष पात्र • 'गबन' उपन्यास के कथानक का विवेचन • गबन उपन्यास के पुरुष पात्रों का विवेचन • गबन उपन्यास के स्त्री पात्रों का विवेचन • उपन्यास तत्वों के आधार पर गबन उपन्यास का मूल्यांकन • गबन उपन्यास का विश्लेषण • प्रेमचंद साहित्य में मध्यवर्ग • 'गोदान' की कथावस्तु एक विवेचन • 'होरी' का चरित्र चित्रण • 'धनिया' का चरित्र चित्रण • गोदान में अन्य पुरुष एवं स्त्री पात्र • गोदान की मुख्य समस्याएँ • उपन्यास तत्वों के आधार पर गोदान उपन्यास का मूल्यांकन • गोदान तथा अनेकवाद • कहानीकार प्रेमचंद का विवेचन • प्रेमचंद के कहानी साहित्य में भावपक्ष का विवेचन • प्रेमचंद के कहानी साहित्य में कलापक्ष का विवेचन • प्रेमचंद की कहानियों का तत्वगत विवेचन • कहानी कला के तत्व एवं भेद • सद्गति कहानी का तत्वगत विवेचन • पूस की रात, ईद्गाह, बडेभाई साहब कहानियों का वस्तुगत विवेचन • ठाकुर का कुआँ और नशा कहानियों का विवेचन • प्रेमचंद की प्रमुख कहानियों का विवेचन • प्रेमचंद के श्रेष्ठ निबंध • हिंदी निबंध साहित्य एक परिचय • निबंधकार प्रेमचंद.....आदि <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> • कहानीकार प्रेमचंद, डॉ. नूरजहाँ • प्रेमचंद, सं. सत्येंद्र • महाकाव्य प्रतिभा के धनि प्रेमचंद, डॉ. चंद्रकांत बां दीवाडेकर • बृहत साहित्यिक निबंध, डॉ. शांति स्वरूप गुप्ता • प्रेमचंद और तेलुगु के युगीन प्रतिनिधि उपन्यासकार, डॉ. श्रीनिवासाचार्य 	Block 1-4 Unit 1-16
3	MHNSC 3.1		Block 1-3

		<p style="text-align: center;"><u>विशेष कवि सूरदास</u></p> <ul style="list-style-type: none"> • सूर की जीवनी ,भक्ति काल में सूर का स्थान • साहित्य साधना ,पुष्टिमार्ग और सुर • सूर की भक्ति भावना • सूर की दार्शनिकता ,सूर-सूर तुलसी ससी • सूर का वात्सल्य वर्णन ,श्रृंगार व्यञ्जना • विनय तथा भक्ति • अष्टछाप कवि और सूर • सूर की गीति शैली • सूर के कृष्ण • सूर की राधा • भ्रमरगीत सार – (प्रथम 20 पद व्याख्या हेतु) • भ्रमरगीत सार – लोकभारती प्रकाशन ,दिल्ली • कृष्ण के अनन्य रूप तथा लीलाएँ • पाठ्यपुस्तक – सूरसागर सार – डॉ .धीरेन्द्र वर्मा ,साहित्य भवन , इलाहाबाद..... आदि <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> • सूरसारावली – डॉ. प्रेमनारायण टंडन, साहित्य भंडार, लखनऊ • सूरदास – रामचंद्र शुक्ल, सरस्वती मंदिर, काशी • सूर का साहित्य – डॉ. भगवान स्वरूप मिश्र, शिवराज अग्रवाल एण्ड कं. आगरा • सूर और उनका साहित्य – डॉ. हरवंशलाल शर्मा, भारत प्रकाशन, अलीगढ़ 	Unit 1-12
4	MHNSC 3.2	<p style="text-align: center;"><u>विशेष कवि कबीरदास</u></p> <ul style="list-style-type: none"> • कबीर का जीवन वृत्त • भक्ति काल में कबीरदास का स्थान • कबीरदास की साहित्य साधना , • ज्ञानाश्रय शाखा और कबीर • निर्गुण कवि कबीर • कबीर की भक्ति भावना • कबीर की दार्शनिकता , • कबीर के गुरू • कबीर की माया • समाज सुधारक कबीर • कबीर वाणी....आदि (पुस्तक) <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> • कबीर- श्यामसुंदर दास • संत कबीर- डॉ. रामकुमार वर्मा • कबीर- आचार्य हजारी प्रसाद द्विवेदी • हिंदी साहित्य का आदि काल- आचार्य हजारी प्रसाद द्विवेदी • हिंदी साहित्य का पारंपरिक युग- राजकिशोर पाण्डेय 	
5	MHNSC 3.3	<p style="text-align: center;"><u>विशेष कवि तुलसीदास</u></p>	

		<ul style="list-style-type: none"> • तुलसी का जीवन वृत्त • भक्ति काल में तुलसीदास का स्थान • तुलसीदास की साहित्य साधना , • रामभक्ति शाखा और तुलसीदास • सगुण कवि तुलसी • तुलसी की भक्ति भावना • तुलसी की दार्शनिकता , • तुलसी का राम तुलसी की लोकमंगल की भावना • तुलसी की समन्वय भावना • तुलसीदास की कविता/काव्य....आदि (पुस्तक) <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • रामचरितमानस- आचार्य तुलसीदास • हिंदी साहित्य का पारंपरिक युग- राजकिशोर पाण्डेय • गोस्वामी तुलसीदास- आचार्य रामचंद्र शुक्ल • गोस्वामी तुलसीदास- विश्वनाथ प्रसाद मिश्र • तुलसीदास- माता प्रसाद गुप्त 	
6	MHNSC 3.4	<p style="text-align: center;">हिंदी नाटक तथा रंगमंच</p> <p>नाटक विधा का उद्भव और विकास</p> <ul style="list-style-type: none"> • परिचय ,तत्व • हिंदी के प्रसिद्ध नाटककार • नाटकों का वर्गीकरण • नाटक और रंगमंच <p>नाटक – अंधेर नगरी – भारतेन्दु हरिश्चन्द्रलोकभारती प्रकाशन ,</p> <ul style="list-style-type: none"> • भारतेन्दु हरिश्चन्द्र – परिचय और साहित्य साधना • नाटक की कथावस्तु • नाटक के पात्र और संवाद • नाटक में प्रस्तुत समस्या और नाटककार का उद्देश्य • आधुनिक युग में प्रासंगिकता <p>प्रतिनिधि महिला एकांकी संपादन :- डॉ ,लोकभारती प्रकाशन ,माधव सोनटक्के . इलाहाबाद, हिंदी संस्थान आगरा</p> <ul style="list-style-type: none"> • एकांकी विधा से परिचय • हिंदी प्रमुख एकांकीकार • एकांकी का वर्गीकरण <p>प्रत्येक एकांकी की समीक्षा</p> <ul style="list-style-type: none"> • एकांकी की केन्द्रीय समस्या • पात्र एवं संवाद....आदि <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • समकालीन हिंदी नाटक और रंगमंच – जयदेव तनेजा • हिंदी एकांकी शिल्प विधि का विकास – कपिल वात्स्यायन • हिंदी नाटक और रंगमंच – लक्ष्मीनारायण लाल • नाटक के सौ बरस, हरिश्चंद्र अग्रवाल और अजित पुष्कल, शिल्पायन, नई 	Block 1-3 Unit 1-12

		दिल्ली	
7	MHNSEC 3.1	<p style="text-align: center;">संप्रेषण कला एवं भाषा कौशल- I</p> <p>श्रवण कौशल – Listening Skill वाचन कौशल – Spoken Skills</p> <ul style="list-style-type: none"> • शब्दार्थ - हिंदी से कन्नड़ ,जन सामान्य भेंट द्वारा वार्तालाप • कन्नड़ से हिंदी शब्दों को सुनना • फिल्म ,You Tube, आदि साधन का उपयोग करना) Like देने है(<p>उच्चारण : Pronunciation</p> <ul style="list-style-type: none"> • कन्नड़ ,हिंदी तथा अंग्रेजी शब्दानुवाद • कविता ,कहानी ,अवतरण को बोलकर • अभ्यास करना <p>सांस्कृतिक शब्दावली को जानना</p> <ul style="list-style-type: none"> • सामाजिक संदर्भ में सर्वनाम ,विशेषण शब्दों का प्रयोग <p>अभ्यास कार्य</p> <ul style="list-style-type: none"> • अवतरण को पढ़ना • शब्दावली को सुनना और बोलना • मातृभाषा से हिंदी और अंग्रेजी भाषा के वाक्य ,शब्द को सुनना फिर बोलना • प्रयोगशाला का प्रयोग.....आदि <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • कन्नड़ हिंदी वार्तालाप – प्रकाशक : केन्द्रीय हिंदी निदेशालय, नई दिल्ली • हिंदी कन्नड़ वार्तालाप – केन्द्रीय हिंदी निदेशालय, नई दिल्ली • हिंदी व्याकरण- कामता प्रसाद गुरु • अभिनव हिंदी व्याकरण- श्यामचंद्र कपूर 	Block 1-2 Unit 1-8

SL.NO	COURSE CODE	COURSE TITLE	Block/ Unit
III SEMESTER			
1	MHNHC 4.1	<p style="text-align: center;">अनुवाद सिद्धान्त और प्रयोग</p> <p>अनुवाद की परिभाषाएँ ,अर्थ ,क्षेत्र एवं सीमाएँ</p> <ul style="list-style-type: none"> • अनुवाद कला है या विज्ञान • अनुवाद की उपयोगिता ,महत्व • अनुवाद की प्रासंगिकता एवं व्यवसायिक परिदृश्य • अनुवाद की प्रक्रिया और प्रविधि <p>अनुवाद के भेद/प्रकार</p> <ul style="list-style-type: none"> • प्रकृति के आधार पर अनुवाद के भेद • शब्दानुवाद ,व्याख्याननुवाद ,सारानुवाद ,वार्तानुवाद • भावानुवाद ,मशीनी अनुवाद ,कार्यालयी अनुवाद • तकनीकी अनुवाद • विषयवस्तु के आधार पर अनुवाद के भेद • साहित्यिक अनुवाद – गद्य और पद्य विधा का अनुवाद 	Block 1-4 Unit 1-16

		<ul style="list-style-type: none"> साहित्येतर अनुवाद – प्रशासनिक ,वाणिज्यिक ,कानूनी ,व्यवसायी अनुवाद <p>अनुवाद की समस्याएँ</p> <ul style="list-style-type: none"> अच्छे अनुवादक की योग्यताएँ एवं गुण <p>प्रशासनिक शब्दावली) हिंदी-अंग्रेजी(</p> <ul style="list-style-type: none"> हिंदी से कन्नड़ में अवतरणों का अनुवाद अंग्रेजी तथा कन्नड़ अवतरणों का हिंदी में अनुवाद.....आदि <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> अनुवाद विज्ञान – भोलानाथ तिवारी व्यावहारिक हिंदी अनुवाद – डॉ. एन. विश्वनाथ अय्यर अनुवाद कला – कुछ विचार – आनन्द प्रकाश अनुवाद सिद्धान्त और समस्याएँ – आर.एन. श्रीवास्तव अनुवाद सिद्धान्त और स्वरूप – मनोहर सराफ एवं डॉ. शिवकान्त गोस्वामी 	
2	MHNHC 4.2	<p style="text-align: center;"><u>हिंदी आलोचना</u></p> <p>आलोचना की परिभाषा ,तत्व और स्वरूप</p> <ul style="list-style-type: none"> आलोचना के प्रकार आलोचक के गुण <p>आलोचना का उद्भव और विकास</p> <p>साहित्यिक आलोचना की दृष्टियाँ – सामान्य परिचय</p> <ul style="list-style-type: none"> मनोविश्लेषणात्मक समीक्षा मार्क्सवादी समीक्षा मिथकीय आलोचना नई समीक्षा शैली विज्ञान आलोचना दृष्टि <p>हिंदी के प्रमुख आलोचक</p> <ul style="list-style-type: none"> रामचंद्र शुक्ल हजारी प्रसाद द्विवेदी नंददुलारे वाजपेयी डॉ .नगेन्द्र रामविलास शर्मा डॉ .नामवर सिंह.....आदि <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> हिंदी आलोचना : उद्भव और विकास – भगवत स्वरूप मिश्र साहित्य स. हिंदी आलोचना – डॉ. विश्वनाथ त्रिपाठी, राजकमल प्रकाशन, दिल्ली हिंदी आलोचना की बीसवीं सदी – निर्मल जैन – राधाकृष्ण प्रकाशन इतिहास और आलोचना – डॉ. नामवर सिंह 	Block 1-4 Unit 1-16
3	MHNSC 4.1	<p style="text-align: center;"><u>स्त्री-साहित्य</u></p> <p>स्त्री लेखन का इतिहास</p>	Block 1-3 Unit 1-12

		<ul style="list-style-type: none"> • स्त्री लेखन परम्परा • स्त्री मुक्ति आंदोलन और स्त्रीवाद • हिंदी साहित्य में स्त्री लेखन-स्वतन्त्रता पूर्व और स्वातंत्र्योत्तर • महिला लेखन और नारीवादी चिंतन <p>कहानी</p> <ul style="list-style-type: none"> • नयी सदी की पहचान – संपादक – ममता कालिया ,लोकभारती प्रकाशन , इलाहाबाद • प्रत्येक कहानी का स्त्रीवाद विमर्श • कथ्यगत विवेचन • आधुनिक समस्याएँ • भाषा एवं शिल्प • ममता कालिया की विचारधारा <p>कविता) आदमी से आदमी तक – रमणिका गुप्ता (शुभम प्रकाशन ,नई दिल्ली)प्रथम 10 कविताओं का अध्ययन(</p> <ul style="list-style-type: none"> • प्रत्येक कविता का भावगत एवं कलागत विवेचन • कविता में स्त्रीवादी विमर्श • कविता में भाषा एवं शिल्प • आधुनिकता • स्त्री लेखन और रमणिका गुप्ता की विचारधारा <p>उपन्यास – छिन्नमस्ता – प्रभा खेतान – लोकभारती प्रकाशन ,नई दिल्ली</p> <ul style="list-style-type: none"> • छिन्नमस्ता और समकालीन उपन्यास • उपन्यास में चित्रित अस्तित्ववाद • नारी विमर्श और आधुनिकता • प्रमुख पात्र और कथ्यगत विवेचन.....आदि <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • स्वातंत्र्योत्तर कथा लेखिकाएँ – उर्मिला गुप्ता • समकालीन हिंदी कहानियों में नारी के विविध रूप – डॉ. घनश्याम दास भूतडा-अतुल प्रकाशन • प्रभा खेतान के उपन्यास – डॉ. रेखा अग्रवाल, विकल्प प्रकाशन, नई दिल्ली • हिंदी कहानी : पहचान और परख – इंद्रनाथ मदान • हिंदी की महिला उपन्यासकारों की मानवीय संवेदना – डॉ. उषा यादव, राधाकृष्ण प्रकाशन, दिल्ली 	
4	MHNSC 4.2	<p style="text-align: center;">आदिवासी साहित्य</p> <ul style="list-style-type: none"> • आदिवासी साहित्य का उद्भव और विकास • आदिवासी प्रमुख उपन्यास और उपन्यासकार • आदिवासी प्रमुख कहानी और कहानीकार • आदिवासी प्रमुख कविता और कवि • आदिवासी साहित्य में समाज • आदिवासी साहित्य में धर्म और संस्कृति • आदिवासी साहित्य में स्त्री • आदिवासी साहित्य में पुरुष • आदिवासी साहित्य में चित्रित प्रमुख समस्याएँ • आदिवासी साहित्य के प्रमुख संवेदना • चर्चित प्रमुख पुस्तकों की समीक्षा.....आदि 	Block 1-3 Unit 1-12

		<p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • आदिवासी साहित्य में वर्णित आदिवासी संघर्ष- के, आशा • आदिवासी विमर्श- डॉ. रमेश चंद्र मीणा • आदिवासियों के विस्थापन की समस्या और हिंदी कथा साहित्य- डॉ. सुधीर कुमार • आदिवासी सवाल और साहित्य- दयाशंकर • आदिवासी साहित्य विमर्श- सं. डॉ. मोहन चव्हाण 	
5	MHNSC 4.3	<p style="text-align: center;">दलित साहित्य</p> <p>दलित साहित्य का परिचय</p> <ul style="list-style-type: none"> • भारतीय सामाजिक संरचना – वर्ण ,जाति एवं वर्ग व्यवस्था • दलित साहित्य आंदोलन • दलित साहित्य की परम्परा • दलित साहित्य के वैचारिक आधार ,सौंदर्यशास्त्र और दलित सौंदर्यशास्त्र • हिंदी साहित्य में दलित लेखन <p>दलित कहानी संकलन</p> <ul style="list-style-type: none"> • श्रेष्ठ दलित कहानियाँ – संपादक – मुद्राराक्षस ,लोकभारती प्रकाशन , इलाहाबाद)अध्ययन के लिए प्रथम 10 कहानियाँ(• जीवन एक चुनौती-कहानीकार-सुरेश मारुतिराव मुळे ,स्वराज प्रकाशन , दिल्ली •)अध्ययन हेतु रथम 10 कहानियाँ मात्र(• प्रत्येक कहानी का विषयगत विवेचन • कहानी में प्रस्तुत समस्या और समाधान • भाषागत विशेषता और सौंदर्य <p>दलित कविता- “बस्स बहुत हो चुका” – ओमप्रकाश वाल्मीकी ,वाणी प्रकाशन ,नई दिल्ली</p> <ul style="list-style-type: none"> • कविता में उठाए गए प्रश्न • कविता का केन्द्रीय भाव • काव्य सौष्ठव • आधुनिकता और भाषा सौंदर्य <p>दलित आत्मकथा – ‘शिकंजे का दर्द’ सुशीला टाकभौरे</p> <ul style="list-style-type: none"> • आत्मकथा में प्रस्तुत विषय • महिला आत्मकथाकार और सुशीला टाकभौरे की विचारधारा • कथ्यगत विवेचन • समसामयिक सामाजिक व्यवस्था.....आदि <p style="text-align: center;">संदर्भ ग्रंथ</p> <ul style="list-style-type: none"> • दलित साहित्य का समाज शास्त्र – शरण किशोर लिंबाले, वाणी प्रकाशन, दिल्ली • दलित चेतना की कहानियाँ – बदलती परिभाषाएँ, वाणी प्रकाशन, नई दिल्ली • भारतीय दलित साहित्य – परिप्रेक्ष्य – पुत्री सिंह, कमला प्रसाद, वाणी प्रकाशन, दिल्ली 	Block 1-3 Unit 1-12
6	MHNSC 4.4		Block 1-3

		<p style="text-align: center;"><u>समकालीन हिंदी कविता</u></p> <ul style="list-style-type: none"> • समकालीन हिंदी कविता का उद्भव और विकास • समकालीन हिंदी कविता और प्रमुख कविगण • समकालीन हिंदी कविता में समाज • समकालीन हिंदी कविता में धर्म और संस्कृति • समकालीन हिंदी कविता में स्त्री • समकालीन हिंदी कविता में पुरुष • समकालीन हिंदी कविता में चित्रित प्रमुख समस्याएँ • समकालीन हिंदी कविता के प्रमुख संवेदना • चर्चित प्रमुख पुस्तकों की समीक्षा.....आदि <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> • समकालीन हिंदी कविता- प्रो. अरविंदाक्षन • समकालीन हिंदी कविता- सुमित और राकेश कुमार सिंह • समकालीन कविता- परमानंद श्रीवास्तव • समकालीन हिंदी कविता- डॉ. शशि शर्मा • समकालीन हिंदी कविता- विश्वनाथ प्रसाद तिवारी 	Unit 1-12
7	MHNSEC 4.1	<p style="text-align: center;"><u>संप्रेषण कला एवं भाषा कौशल- II</u></p> <p>पाठ्य कौशल – Reading Skills</p> <p>पत्र/पत्रिकाएँ पढ़ना ,समाचार पत्र आदि</p> <ul style="list-style-type: none"> • ब्लैकबोर्ड पर बोलकर पढ़ना • पी.पी.टी .तैयार करना और पढ़कर बताना <p>श्रुत लेख – हिंदी ,अंग्रेजी और कन्नड़</p> <ul style="list-style-type: none"> • लघु कथा – हिंदी ,कन्नड़ और अंग्रेजी • अभ्यास कार्य • वाक्यों को शुद्ध रूप से उच्चारण करके पढ़ना और बार-बार अभ्यास करना <p>लेखन कौशल – Writing Skills</p> <ul style="list-style-type: none"> • शब्द लेखन – हिंदी ,अंग्रेजी और कन्नड़ में • वाक्य गठन हिंदी कन्नड़ और अंग्रेजी में • रिपोर्ट तैयार करना • भावानुवाद करना – कविता ,छोटे लेख आदि • <p>अभ्यास कार्य</p> <ul style="list-style-type: none"> • शब्दावली बनाना • कविता – लिखना और पढ़ना • कल्पना के द्वारा स्वयं रचनात्मक कार्य.....आदि <p style="text-align: center;"><u>संदर्भ ग्रंथ</u></p> <ul style="list-style-type: none"> • कन्नड़ हिंदी वार्तालाप – प्रकाशक : केन्द्रीय हिंदी निदेशालय, नई दिल्ली • हिंदी कन्नड़ वार्तालाप – केन्द्रीय हिंदी निदेशालय, नई दिल्ली 	Block 1-2 Unit 1-8

		<ul style="list-style-type: none"> • हिंदी व्याकरण- कामता प्रसाद गुरु • अभिनव हिंदी व्याकरण- श्यामचंद्र कपूर 	
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Annexure I

INTER- DISCIPLINARY COURSE (Open Elective) for First Semester

ವಿಭಾಗ- ಕನ್ನಡ

ಪತ್ರಿಕೆ-೬: ಆಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಇತಿಹಾಸ EL 1.1 (ಕ್ರೀಡ್-೩)

ಬ್ಲಾಕ್-೧೯: ಆಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಮುಖ್ಯ ಘಟ್ಟಗಳು

ಘಟಕ-೨೩: ಆಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಹಿನ್ನೆಲೆ ಮತ್ತು ಪ್ರೇರಣೆಗಳು.

ಘಟಕ-೨೪: ನವೋದಯ ಪೂರ್ವ, ನವೋದಯ- ಬಿ.ಎಂ.ಶ್ರೀ., ಕುವೆಂಪು, ದ.ರಾ.ಬೇಂದ್ರೆ, ಶಿವರಾಮಕಾರಂತ, ಮಾಸ್ತಿವೆಂಕಟೇಶ್ ಅಯ್ಯಂಗಾರ್, ಕೆ.ಎಸ್. ನರಸಿಂಹಸ್ವಾಮಿ.

ಘಟಕ-೨೫: ಪ್ರಗತಿಶೀಲ ಮತ್ತು ನವ್ಯ: ಅನಕೃ, ಕಟ್ಟೀಮನಿ, ನಿರಂಜನ, ಚದುರಂಗ, ವಿ.ಕೃ. ಗೋಕಾಕ, ಅಡಿಗ, ಜಿ.ಎಸ್. ಶಿವರುದ್ರಪ್ಪ, ಶಾಂತಿನಾಥ ದೇಸಾಯಿ, ಅನಂತಮೂರ್ತಿ, ಯಶವಂತ ಚಿತ್ತಾಲ, ಲಂಕೇಶ್, ತೇಜಸ್ವಿ, ವೈದೇಹಿ, ವೀಣಾ ಶಾಂತೇಶ್ವರ, ವಿಜಯಾದಿಪ್ಪೆ.

ಘಟಕ-೨೬: ಬಂಡಾಯ ಮತ್ತು ದಲಿತ:

ಬರಗೂರು ರಾಮಚಂದ್ರಪ್ಪ, ಬಿ.ಟಿ. ಲಲಿತಾನಾಯಕ, ಸಾರಾ ಅಬೂಬಕ್ಕರ್, ದೇವನೂರು ಮಹಾದೇವ, ಸಿದ್ದಲಿಂಗಯ್ಯ, ಅರವಿಂದ ಮಾಲಗತ್ತಿ, ಮೊಗ್ಗಿ ಗಣೇಶ.

ಬ್ಲಾಕ್-೨೦: ಆಧುನಿಕ ಕನ್ನಡ ಕಾವ್ಯ ಮತ್ತು ಸಾಹಿತ್ಯ ಪ್ರಕಾರಗಳು

ಘಟಕ-೨೭: ಕಾವ್ಯ ಪ್ರಕಾರಗಳು: ಭಾವಗೀತೆ, ಸುನೀತ, ಶೋಕಗೀತೆ, ಪ್ರಗಾಥ.

ಘಟಕ-೨೮: ಕಥನ ಕಾವ್ಯ, ಖಂಡ ಕಾವ್ಯ, ಮಹಾಕಾವ್ಯ.

ಘಟಕ-೨೯: ಸಾಹಿತ್ಯ ಪ್ರಕಾರಗಳು: ಕಥೆ, ಕಾದಂಬರಿ, ನಾಟಕ ಜೀವನ ಚರಿತ್ರೆ.

ಘಟಕ-೩೦: ಲಲಿತ ಪ್ರಬಂಧ, ಆತ್ಮಕತೆ, ಪ್ರವಾಸ ಸಾಹಿತ್ಯ, ಸಂಪಾದನೆ, ವಿಚಾರ ಸಾಹಿತ್ಯ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯ

ಪರಾಮರ್ಶನ ಗ್ರಂಥಗಳು

೧. ಹೊಸಗನ್ನಡ ಸಾಹಿತ್ಯ: ಎಲ್.ಎಸ್. ಶೇಷಗಿರಿರಾವ್, ಕನ್ನಡ ಸಾಹಿತ್ಯ ಪರಿಷತ್, ಬೆಂಗಳೂರು, ೧೯೯೨

೨. ಯುಗಧರ್ಮ ಮತ್ತು ಸಾಹಿತ್ಯ ದರ್ಶನ: ಕೀರ್ತಿನಾಥ ಕುರ್ತಕೋಟಿ, ಮನೋಹರ ಗ್ರಂಥ ಮಾಲೆ, ಧಾರವಾಡ, ೧೯೯೧

೩. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಇತಿಹಾಸ: ರಂ.ಶ್ರೀ. ಮಗುಳಿ, ಗೀತಾ ಬುಕ್ ಹೌಸ್, ಮೈಸೂರು, ೨೦೧೮

೪. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಂಗಾತಿ: ಕೀರ್ತಿನಾಥ ಕುರ್ತಕೋಟಿ, ಕನ್ನಡ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಹಂಪಿ, ಹೊಸಪೇಟೆ, ೧೯೯೫
೫. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಂಗಾತಿ: (ಪ್ರಸಂ) ಬರಗೂರು ರಾಮಚಂದ್ರಪ್ಪ, ಕರ್ನಾಟಕ ಸಾಹಿತ್ಯ ಅಕಾಡೆಮಿ, ೨೦೧೮
೬. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ: ತ.ಸು. ಶಾಮರಾಯ, ತಳುಕಿನ ವೆಂಕಣ್ಣಯ್ಯ ಸ್ಮಾರಕ ಗ್ರಂಥಮಾಲೆ, ಮೈಸೂರು, ೨೦೧೪
೭. ಹೊಸಗನ್ನಡ ಕಾವ್ಯ ಪ್ರಕಾರಗಳು: ಪ್ರಧಾನ ಸಂಪಾದಕರು, ಎ.ರಂಗಸ್ವಾಮಿ, ಲೇ. ಮ. ರಾಮಕೃಷ್ಣ, ಪ್ರಸಾರಂಗ, ಕರಾಮುವಿ, ಮೈಸೂರು, ೨೦೧೦
೮. ಆಧುನಿಕ ಸಾಹಿತ್ಯ ಪ್ರಕಾರಗಳು: ಪ್ರಧಾನ ಸಂಪಾದಕರು, ಎ. ರಂಗಸ್ವಾಮಿ, ಲೇ. ಡಾ. ಜಿ.ಆರ್. ತಿಪ್ಪೇಸ್ವಾಮಿ, ಪ್ರಸಾರಂಗ, ಕರಾಮುವಿ, ಮೈಸೂರು, ೨೦೧೦

DEPARTMENT - ENGLISH

EL-1.1: INTER- DISCIPLINARY COURSE-I (OPEN ELECTIVE)

INDIAN LITERATURE-I

OBJECTIVES

- To help to understand the contribution of Kalidasa to Sanskrit drama as a playwright
- To create an awareness of the importance of Shakuntala and Mrichhakatika as classical Indian texts
- To evaluate Lord Macaulay and Raja Ram Mohan Roy writers of English Prose.
- To introduce the role of Autobiographies in Indian writing in English

BLOCK -I

Kalidasa: Shakuntala

Shudraka: Mrichhakatika

BLOCK -II

Jawaharlal Nehru: An Autobiography

Ram Mohan Roy: Letter to Lord Amherst

Macaulay: Minutes on Indian Education

Vivekananda: Address to the Parliament of Religions

Suggested Reading:

- **M.K.Naik:** Critical Essays on Indian Writing in English. Sahitya Akademi, 1969.

- **Narasimhaiah. C.D:** The Swan and the Eagle. Indian Institute of Advanced Study, 1987.
- **Meenakshi Mukherjee:** The Twice Born Fiction. Heinemann Educational Publishers, 1972.
- **Chirantan Kulshrestha.** Contemporary Indian English Verse: An Evaluation. Arnold-Heinemann, 1981.

DEPARTMENT - TELUGU

E. L. 1.1 Thilak Prathyeka Adhyayanam

Block - 1:Thilak Kavithvam - 1

Unit - 1:Amrutham Kurisina Raathri

Unit - 2:Thilak Padhya Kavithaa Vaibhavam

Unit - 3:Thilak Abhiruchulu - Alavaatlu

Unit - 4: Thapala bantrothu

Block - 2: Thilak Kavithvam

Unit - 1:Thilak Sahithya Parichayam - 1

Unit - 2: Thilak Sahithya Parichayam - 2

Unit - 3:Thilak vachana kavithaa Vaibhavam - 1

Unit - 4: Thilak Vachana Kavithaa Vaibhavam – 2

DEPARTMENT - HISTORY

ANCIENT WORLD CIVILIZATIONS

(Egypt, Mesopotamia, Greek, Roman, Inca, Chinese)

Objective: The course is aims to understand major world civilizations. It is to provide a global historical perspective of ancient world which special reference to Egypt, china, Greek, Roman, Inca civilizations.

Pedagogy: personal contact programmes, audio video programmes, online lectures
Assignments, etc

Credits: 2.

Examination Duration: 1 1/2 hours and Maximum Marks:40

Course outcomes:

After completing this course the students should be able to

- Discuss the Egyptian and Mesopotamian civilizations.
- Analyse the political socio economic conditions of Greek Roman civilizations.
- Evaluate the Chinese contributions to ancient world.

Block – I

Unit-1

Egyptian Civilization: Importance of the Nile, Geographical importance, Gift of Nile, Political conditions.

Unit-2

Social, Economic and religious conditions, Literature and learning, arts and architecture.

Unit-3

Mesopotamian Civilization, Sumer and Babylonian, Hammurabi's code, Society and Culture, Economic conditions, art and literature, Assyrian Empire.

Unit - 4

Greek Civilization, Political Organizations, the city, State, Alexander the Great, Greek political theory, Religion, Philosophy, art and architecture, Characteristic of Hellenistic Civilization.

Block – II

Unit - 5

Roman Civilization, The Land and the people, the Government, Roman Republic, Roman Empire, Roman Republic, The Empire, The Patricians and Plebeians, Punic wars.

Unit – 6

Julius Caesar, his wars, fall Augustus Caesar, Social Economic Conditions, Roman art and architecture.

Unit - 7

Painting, Sculpture, Roman Law, Roman Religion, Philosophy, Roman literature, Decline of the Roman Empire.

Unit - 8

Inca Civilisation, Socio – economic Political conditions, Chinese Civilisation, Socio – economic Political conditions.

Suggested readings:

1. Breasted, J.H. : Ancient Times, A History of the early world.
2. Rostovzeff, M.S. : History of Ancient World
3. Schvidler, H. : The History of Civilization
4. Swain, J.E. : A History of World Civilization
5. Breasted, J.H. : History of Egypt
6. Jastrow, M. : The Civilization of Babylonia and Assyria

7. Bury.J.E. & OTHERS: The Hellenistic Age
8. Bailey.C : The Legacy of Rome and others
9. Abot.F.F.: Society and Politics of Ancient Rome

DEPARTMENT – ECONOMICS

EL1.1: Economic Policies of India Since 1991.

- **Objective:** To enable the Students to understand the economic policies of India in the era of new economic policy.
- **Pedagogy:** A Combination of Lectures, Group Discussion, Assignments.
- **Credits:** 2 ; Examination Duration: 1 1/2 and Maximum Marks: 50 (Internal Assessment Marks = 10 and Semester-end Examination =40)

Course Inputs

BLOCK – I: India’s Economic Policies

UNIT : 1 Economic Policies in India Since 1991

Economic reforms in India – Economic Scenario in India during 1990-91 – Domestic Financial Crisis – Balance of Payment Crisis – Extent of External debt and debt Trap Problem.

UNIT : 2 Need for Reforms

Measures Taken – Devaluation – Privatization – Liberalization – Globalization.

UNIT : 3 Monetary Policy and Fiscal Policy

Narasimhan Committee on Banking and Financial Sector Reforms Since 1998 – Fiscal Reforms: Raja Chellaiah Committee and Tax Reform Policies – Fiscal Prudence and Policies.

UNIT : 4 Structural Adjustments and External Sector in India

Foreign Trade: Trends in Exports and Imports – Balance of Payment and its Crisis – Export Import Policy – In Defence of Import Substitution – Foreign Exchange Policy.

BLOCK : II FDI and the Role of State

UNIT : 5 Foreign Direct Investment (FDI)

Trends in FDI – FDI Policy – Its Impact on the Domestic Economy – Labour Migration: causes and Consequences on Indian Economy – Information and Communication Revolution and India.

UNIT : 6 Challenges to Development in India

Poverty – Unemployment – Poverty alleviation Programmes - urban Poverty and Problems – Income Inequality – Employment Generating Schemes.

UNIT: 7 The Role of State

Parallel Economy in India – Black Money – Corruption – Slams – Redefining the Role of the State and the Markets – Balance between Economic and Socio

- Political Goals.

UNIT : 8 Administrative Reforms

Rights to Information – Measures Towards Good Governance – NITI Ayoga and aftermath – Digitalized India – Demonetization – GST – Make in India.

References:

1. Acharya Shankar, (2003) India's Economy: Some Issues and Answers, Academic Foundation, New Delhi.
2. Byres J Terence (Ed.) (1999) The Indian Economy, Major Debates since Independence, OUP, New Delhi.
3. Datt Ruddar, (2002) Economic Reforms in India - A Critique, S.Chand and Co, New Delhi.
4. Kapila Uma (Ed) (2015) Indian Economy since Independence, Academic Foundations, New Delhi.
5. Kapila Uma, (2005) Understanding the Problem of Indian Economy, Academic Foundation, New Delhi.
6. Misra S.K. & V.K. Puri, (2011) Indian Economy-Its Development Experience, Himalaya Pub., House, Mumbai.
7. NCAER, Economic and Policy Reforms in India, NCAER, New Delhi.
8. Rangarajan C, (1998) Indian Economy- Essays on Money and Finance, UBSPD, New Delhi.
9. Sachs D.Jeffrey, A.Varshney & N Bajpai (Ed)(1999) India in the Era of Economic Reforms,OUP, New Delhi.
10. Vaidyanathan A, India's Economic Reforms and Development, OUP, New Delhi

DEPARTMENT - POLITICAL SCIENCE

(OEL-I) Local Government in India

Block-I

- Unit:1 Meaning, Nature and Scope of Local Governments.
- Unit:2 Evolution of Panchayat Raj Institution in India.
- a) Constitute Assembly and Village Panchayat.
 - b) Balavanth Roy Mehta Committee Report
 - c) Ashok Mehta Committee Report.
 - d) G.V.K. Rao Committee Report.
- Unit:3 Constitutional Amendments and Panchayat Raj Institutions:
- a) Basis of Constitutional Amendment.
 - b) 73rd and 74th Constitutional Amendment.
 - c) Karnataka Panchayat Raj At of 1983.
 - d) Karnataka Panchayat Raj Act of 1993.
- Unit:4 Zilla Panchayat: Structure, Functions and Sources of Revenue.

Block-II

- Unit:5 Taluk Panchayat : Structure, Functions, Executive Officer, Powers and Functions.
- Unit:6 Gram Panchayat: Gram Sabha, Ward Sabha: Structure, Functions and Sources of Revenue.
- Unit:7 Panchayat Development Officer and Secretary: Powers and Functions.
- Unit:8 Role of Panchayat Raj Institutions in Development (with Reference to Karnataka)
- a) Panchayat Raj in Rural Development.
 - b) Social Change: Empowerment of the Weaker Sections.

References:

1. Verma B. M, Social justice and Panchayath Raj
2. Mutarib-M.A. and Others, Theory of Local Government,
3. Dr. Arjun darshankar, Panchayath Raj aani Nagari.
4. V. B. Patil, Pancayath Raj.
5. A.N. Kulkarni, Bharatiya Sthanik Swashasan,
6. Shantaram Bhosale, Bharatiya Sthanik Shasan,
7. Kikherji. S, Essays on Rural Development.
8. Balaramu. C. H. Administration of Anty Poverty Programmes.
9. 73rd Constitutional Amendment Act, Government of India, 1993.
10. Karnataka Panchayatraj Acts, 1985, 1995.

DEPARTMENT – PUBLIC ADMINISTRATION

INDIAN POLITY – I

BLOCK – 1

- UNIT – 1 Indian Constitution. .
- UNIT – 2 Preamble - Meaning and Importance.
- UNIT – 3 Fundamental Rights and Duties.
- UNIT – 4 Directive Principles of State Policy and Relation with Fundamental Rights.

BLOCK – 2

- UNIT – 5 Indian Federalism and Parliamentary system of Government.
- UNIT – 6 Centre - State Relations. Legislative Administrative and Financial
- UNIT – 7 Union Executive - President Elections, Powers and Positions. .
- UNIT – 8 Council of Ministers and Prime Ministers - Powers and Functions

DEPARTMENT - SOCIOLOGY

Invitation to Sociology

(02 Credits)

Course Description

This course introduces learners to the basic concepts of sociology. It is particularly designed to orient the learners from interdisciplinary background about the essence of sociology and intends to inculcate sociological imagination.

Course Objectives

- To introduce the learner to the basic concepts and processes of sociology
- to comprehend the structural and organizational aspects of society
- to examine the process of social change

Learning Outcomes and Competencies

After successfully completing the course, following outcomes and competencies are possible among the learners. Learner will have/can

- Conceptual precision and clarity about the basic sociological concepts
- Develop sociological imagination and apply to analyze the contemporary events
- explain major social processes of society
- analytical view about Indian social structure
- explicate major process of social change and can conceptualize the changing aspects of Indian society

Course Contents

Block-1 Basic Concepts and Processes

- Unit-1 Emergence of Sociology-Factors and Early Thinkers-Sociological Imagination
- Unit-2 Society, Community- Associations and Institutions- Culture and Socialization
- Unit-3 Social System, Structure and Function
- Unit-4 Social Processes-Cooperation, Competition, Conflict, Accommodation and Assimilation

Block-2 Social Organization and Social Change

- Unit-5 Caste and Class System-Changes in Caste
- Unit-6 Social Mobility and Types
- Unit-7 Factors of Social Change
- Unit-8 Process of Social Change in India (Sanskritization, Westernization, Modernization and Globalization)

References

1. Berger, Peter L. 1978. An Invitation to Sociology, Allen and Unwin, London. Davis, Kingsley. Human Society, Macmilan, New Delhi.
2. Dumont, Louis, 1988, Homo Hierarchicus. Oxford University Press. Giddens, Anthony. 2009. Sociology. Politi Press, Malden.

3. Inkle, Alex. 2002. What is Sociology, Prentice Hall India, New Delhi. Jayaram, N, 1990, Introductory Sociology, Macmilan, New Delhi.
4. Johnson Harry M., 2011: Sociology: A Systematic Introduction: Allied Publishers, New Delhi.
5. MacIver, R.M and C.H. Page. Society - Introduction to Sociology, Macmilan, New Delhi
6. Samuel, Koenig. 1957. Sociology: An Introduction to Science of Society, Barnes & Nobel Books, London.
7. Singh, Yogendra. 1993: Social Change in India: Crisis and Resilience, Har-Anand, New Delhi.

DEPARTMENT – ANCIENT HISTORY AND ARCHEOLOGY

AHA
OE 1.1

World Heritage Sites of India

Block - 1

Introduction

Unit - 1 Nature - Scope - Criteria for incorporation of World Heritage sites

Unit - 2 Types of World Heritage sites in India

Block - 2

Archaeological and Cave Heritage sites

Unit - 3 Bimbetka - Sanchi- Nalanda – Champaner - Dholavira

Unit – 4 Ajanta – Ellora - Elephant

Block - 3

North Indian World Heritage Sites

Unit – 5 Bodh Gaya — Kajuraho–Konarak–Rani kivav– Jaipur,

Unit – 6 Agra Fort – Red Fort - FatehpurSikri–Taj Mahal – Humayun’s Tomb –
Ahamadabad, Qutub Minar

Block - 4

South Indian World Heritages Sites

Unit – 7 Mahabalipuram – Pattadakallu – Chola temples

Unit - 8 Monuments of Hampi – Churches and Convents of Old Goa – Ramappa Temple

References:

1. Marco Canneo, Jasmina: The world heritage sites of UNESCO – The Treasure of Art
2. ASI: World Heritage Sites Series
3. Individual guide: Books on respective city Individual

DEPARTMENT - EDUCATION

IDC – 1 FOUNDATIONS OF EDUCATION

BLOCK-1 FOUNDATIONS OF EDUCATION – I

- Unit-1 Philosophical Foundations
- Unit-2 Basic Concepts of Philosophy
- Unit-3 Psychology as a Science
- Unit-4 Basic Concept in Psychology related to Education

BLOCK-2 FOUNDATIONS OF LEARNING – II

- Unit-5 Sociological bases of Education
- Unit-6 Educational Issues in Indian Society
- Unit-7 Cultural and Historical Foundations
- Unit-8 Political and Economic bases of Education

References:

1. Harison and Myers (1970), Education, Manpower and Economic Growth, McGrothill, Oxfords, IBH Publishing Co., New Delhi.
2. Kamala Bhatia & Baldev Bhatia, (1974) The Philosophical and Sociological Foundations of Education, Doaba House, New Delhi.
3. Bhatia B.D, (1974), 'Theory and Principles of Education, Doaba House, Delhi'.
4. Sorokim .P, (1947) 'Society, Culture and Personality', Harper and Brothers Publishers, New York.

DEPARTMENT – COMMERCE

EL1.1: Personal Financial Planning

Objective: To enable the Students to understand about the different Investment Avenues, Saving Schemes designed by various agencies particularly for the individuals.

Pedagogy: A Combination of Lectures, Group Discussion, Assignments.

Credits: 2

Examination Duration: 1¹/₂ and Maximum Marks: 50

(Internal Assessment Marks = 10 and Semester-end Examination =40)

Course Inputs

Block I

- **Unit -1: Introduction to Financial Planning:** Introduction - The Process Financial Planning – Client Interactions – Time Value of Money Applications – Personal Financial Statements – Cash Flow and Debt Management – Planning to Finance Education.
- **Unit -2: Financial Planning Process:** Introduction - Setting Goals – Informal Budget Preparation – Investment Opportunities – Financial Vs Physical Investments – Role of a Financial Planner.
- **Unit -3: Savings Plans:** Introduction - Setting Goals – Savings Instruments – Savings Plan – Tax Savings Schemes.
- **Unit -4: Investment Planning:** Introduction - Risk Return Analysis – Mutual Fund – Derivatives – Asset Allocation – Investment Strategies and Portfolio Construction and Management.

Block II

- **Unit -5: Risk Analysis and Insurance Planning:** Introduction - Risk Management and Insurance Decision in Personal Financial Planning – Various Insurance Policies and Strategies for General Insurance – Life Insurance – Motor Insurance – Medical Insurance.
- **Unit -6: Retirement Planning and Benefits:** Introduction - Retirement Need Analysis Techniques – Savings and Investment Plans for Retirement – Employee Provident Fund – Public Provident Fund – Superannuation Fund – Gratuity – Annuity Plans.
- **Unit -7: Tax Planning:** Introduction - Income-tax Computation for Individuals – Companies - Trust and other bodies – Statutory Provisions Pertaining to Capital Gains and Indexation – House Property – Deduction and Allowances.
- **Unit -8: Health Financing:** Introduction - Health Financing Models – Financing of Health in India – National Rural Health Mission – Challenges of Access to Health Care and Service Quality – Health Insurance Mechanism & Financial Protection.

Books Recommended for Reference

01. Khan M.Y, Financial Services, Tata MacGraw Hill.
02. Singhanar V.K, Students' Guide to Income Tax, Taxmann.
03. Ranganathan and Madhuamathi, Investment Analysis and Portfolio Management, Pearson Publications.
04. Gordon and Natarajan, Emerging Scenario of Financial Services, Himalaya Publishing House.

05. George Rejda, Principles of Risk Management and Insurance, Pearson.

DEPARTMENT - MANAGEMENT

COURSE: OE-1 : Disaster Management - Credit: 2

MBAS 459: DISASTER MANAGEMENT

Objectives	: The course aims at familiarizing the students with the concepts of disaster management, need for disaster management and its relevance.
Pedagogy	: Lectures, assignments, Industrial visits and practical exercises, discussions.

1. Understanding Disasters · Meaning, nature, characteristics and types of Disasters, Causes and effects, Disaster: A Global View, Disaster Profile of India, The Disaster Management cycle.
2. Geological and Mountain Area Disasters · Earthquakes · Volcanic Eruption · Landslides Snow Avalanches, Wind and Water Related Natural Disaster · Floods and Flash Floods · Droughts · Cyclones · Tsunamis, Man Made Disasters · Understanding Man-Made Disasters · Fires and Forest Fires · Nuclear, Biological and Chemical disaster · Road Accidents
3. Introduction to disaster Preparedness · Disaster Management: Prevention, Preparedness and Mitigation · Disaster Preparedness: Concept & Nature · Disaster Preparedness Plan · Disaster Preparedness for People and Infrastructure · Community based Disaster Preparedness Plan
4. Roles & Responsibilities of Different Agencies and Govt. · Roll of Information, Education, Communication & Training · Role and Responsibilities of Central, State, District and local administration. · Role and Responsibilities of Armed Forces, Police, Para Military Forces. Role and Responsibilities of International Agencies, NGO's, Community Based Org. (CBO's)
5. Technologies for Disaster Management · Role of IT in Disaster Preparedness · Remote Sensing, GIS and GPS · Use and Application of Emerging Technologies · Application of Modern Technologies for the Emergency communication. · Application and use of ICST for different disasters.
6. Disaster Mitigation · Disaster Mitigation: meaning and concept · Disaster Mitigation Strategies · Emerging Trends in Disaster Mitigation · Mitigation management · Role of Team and Coordination
7. Disaster Management in India Disaster Profile of India – Mega Disasters of India and Lessons Learnt Disaster Management Act 2005 – Institutional and Financial Mechanism National Policy on Disaster Management, National Guidelines and Plans on Disaster Management; Role of Government (local, state and national), Non-Government and Inter-Governmental Agencies. National Disaster management Authority.

References

1. Bryant Edwards (2005): Natural Hazards, Cambridge University Press, U.K.
2. Carter, W. Nick, 1991: Disaster Management, Asian Development Bank, Manila.
3. Central Water Commission, 1987, Flood Atlas of India, CWC, New Delhi.
4. Central Water Commission, 1989, Manual of Flood Forecasting, New Delhi.

5. Government of India, 1997, Vulnerability Atlas of India, New Delhi.
6. Sahni, Pardeep et.al. (eds.) 2002, Disaster Mitigation Experiences and Reflections, Prentice Hall of India, New Delhi.

DEPARTMENT - BIO CHEMISTRY

Basics of Bioinorganic and Biophysical chemistry for Biology graduates.

Bioinorganic chemistry

Coordination Compounds: Transition metals, properties (Colour, Oxidation states, Magnetic properties) Coordinate bond, double and complex salts– differences with examples.

Postulates of Warner's theory. Types of ligands: For examples: uni, bi, polydentate ligands. Coordination number, examples.

Porphyrin nucleus and their classification. Important metallo-porphyrins occurring in nature. Structure and biological importance of Heme, cytochrome, chlorophyll, Vitamin B₁₂.

Nitrogen, Fixation of atmospheric nitrogen – Symbiotic and non-symbiotic. Nitrogen cycle.

Environmental pollution by nitrogen compounds. Phosphorous: Importance of Phosphorous compounds in biological system, phosphorous cycle

Oxygen, Formation of ozone in atmosphere. Role of ozone in maintenance of life on earth. Effect of environmental pollutants on ozone layer.

Sulphur and Selenium, Importance of compounds of Sulphur and Selenium in biological systems. Effect of sulphur compounds on environmental pollution.

Biophysical chemistry.

Units in chemistry, Avogadro's number, Mole, Mole fraction, Molarity, Equivalent weight, Normality, Molality. Colligative Properties, Osmotic pressure and its measurements. Hypo-, Hyper- and isotonic solutions. Effect of osmotic pressure on living cells.

Donnan membrane equilibrium. Relative lowering of vapour pressure, Raoult's law. Elevation of boiling point, depression in freezing point.

Adsorption: Freundlich and Langmuir's adsorption isotherm. Applications of adsorption.

Viscosity: Definition, determination of viscosity of liquids & solutions by Ostwald's viscometer (solutions of gum and protein to be taken as examples).

Distribution law, Distribution law, partition coefficient, application of distribution law.

Acids, bases and buffers- Lewis concept of acids and bases. Ionic product of water. pH scale, buffers, Henderson- Hasselbach equation, buffer capacity Choice of buffers. Theory of acid base indicators. pH titration curve and iso-electric pH of amino acids.

Selected References:

1. Basic Principles of Organic Chemistry, Roberts and Caserio, W. A. Benjamin, Inc. (1964).
2. Organic Chemistry, Morrison and Boyd, Allyn and Bacon Inc (1992).

3. Principles of Inorganic chemistry by Cotton & Wilkinson, Wiley (1999).
4. Textbook of Organic chemistry by Ahluwalia V K & Madhuri G Narosa publications (2001).
5. Physical chemistry by Castellan G W, Narosa Publications (2004).
6. Physical chemistry by Chakraborty D K, Narosa Publications (2004).

DEPARTMENT - BIOTECHNOLOGY

MBT EL –I- Biotechnology and its Applications

Introduction to biotechnology. Principles of biotechnology, classification.

Recombinant DNA Technology

Introduction, outline of genetic engineering procedure, restriction endonucleases, cloning & expression vectors- plasmids, cloning in plasmid, transformation and detection of transformants- lacZ, genomic and cDNA libraries, gene analysis techniques-hybridization: Southern, Northern, Western, in situ, Polymerase chain reaction.

Microbial and food and environmental Biotechnology

Basics of fermentation technology: Types of microbial culture- batch, continuous and fed-batch. Microbial production: Use of microbes in production of vitamins, enzymes, organic acids, amino acids, polysaccharides, flavors, sweeteners, proteins and antibiotics.

Fermented food products- yogurt, cheese, tempeh, sauerkraut; beverages- wine and beer. Pre- and Pro-biotics, single cell proteins, Genetically modified foods, designer foods.

Current status of biotechnology in environment. Bioconservation, biofuels, gasohol, biogas. Bioremediation: Concepts and principles, bioremediation using microbes, in situ and ex situ bioremediation, biosorption and bioaccumulation of heavy metals.

Plant Biotechnology

Landmarks in Plant tissue culture. Types of cultures- embryo, organ, callus and cell cultures, Somatic embryogenesis, Haploid Production, Androgenesis, Protoplast culture and somatic hybridization. Micropropagation- Methods and stages, applications. Synthetic seeds, somaclonal variation. Production of secondary metabolites by plant cells, Biotransformation.

Plant transformation techniques: Direct and indirect methods of gene transfer in plants. Transgenic plants and crop improvement- herbicide tolerance, disease resistance, abiotic stress tolerance, delayed ripening, improvement of nutritional quality, molecular pharming.

Animal Biotechnology

Basics of animal cell culture techniques, cell lines, physical conditions for culturing animal cells, equipments required, scale-up of culture methods.

Application of animal cell culture- Hybridomas, production of therapeutic antibodies, stem cell technology, cell and tissue engineering.

Genetic engineering of animals: Methods for gene transfer in animals, microinjection, nuclear transplantation, retrovirus-mediated gene transfer, gene knockdown techniques. Transgenic animals- sheep, pigs, cattle, chickens; applications of transgenic animals.

DEPARTMENT - CHEMISTRY

Block-1	Title: Periodic Table and chemical Periodicity
Unit-1	Elements, atomic structure, atomic number, atomic mass, quantum numbers, electronic configuration,
Unit-2	Periodic properties of elements, State of Matter, their resources. Important periodic properties of the elements, covalent radii, ionic radii, ionization potential, electron affinity and electronegativity
Unit-3	Concepts of Acids and Bases: Review of acid base concepts. Lux-Flood and solvent system concepts. Hard-soft acids and bases. Applications.
Unit-4	Solutions: Concentration units, solutions of liquids in liquids, Raoult's law, ideal and non-ideal solutions.

Block-2	Title: Bonding and molecular structure
Unit-5	Calcification of matter: (elements, compounds, substance and mixture), The three states of matter, physical and chemical properties of matter, fundamental particles of atoms, atomic number, atomic mass, atomic structure of atom molecular formula, empirical formula, molecular mass.
Unit-6	Ions and ionic compounds, properties of ionic compounds, formation of ionic compounds, covalent compounds, properties of covalent compounds, properties of covalent compounds
Unit-7	Metals, properties of metals, theory of metallic bond formation, types of metals conductor, semiconductor and insulators, n-type semiconductors and p-type semiconductors, alloys and superconducting materials.

Unit-8	Acids and bases, general properties of acid and bases, Acid base reactions, oxidation reduction reactions, oxidation number, types of redox reactions, balancing oxidation-reduction equation, exothermic and endothermic reactions energy change in chemical reactions.
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DEPARTMENT : CLINICAL NUTRITION AND DIETETICS

OEL-1: HEALTHY LIFESTYLES AND NUTRITION 3 Credits

BLOCK 1: INTRODUCTION TO FOOD AND NUTRITION

Unit 1.- Factors affecting food habits, choices and dietary patterns – Definition of Food, Nutrition, Health, Fitness. Interrelationship between nutrition and health, concept of a desirable diet for optimum nutrition, health and fitness.

Unit 2.- A brief review of nutrients in general –

- Energy and macronutrients – Carbohydrates, Protein, Fat - functions, sources deficiency disorders and recommended intakes.
- Micronutrients: Minerals – calcium, Iron, Iodine, and other elements, Vitamins – Fat Soluble & Water Soluble.

Unit 3: Nutritional assessment- Anthropometric, biochemical, clinical, dietary and Biochemical assessments

Unit 4: Basic principles of planning diet –, RDA for Indians, Food groups, Dietary guides and balanced diets.

BLOCK 2: PLANNING OF DIET

Unit 5: Principles of planning a normal diet: characteristics of a normal diet, meeting nutrient requirements of individuals and family. Use of Dietary guidelines for Indians.

Unit 6: Objectives of diet therapy- Regular diet and rationale for modifications in energy and other nutrients, texture, fluid, soft diets etc.

Unit 7: Role of dietician in hospital- specific functions, team approach in patient care, psychological consideration, interpersonal relationship with patients. Nutrition and medical ethics. Hospital dietary- scope and importance, types of food service, quality management.

Unit 8: Nutrition counseling: definition, concept, role of clinical dietician, the recipient and counseling environment and goals of counseling. An overview of systems approach to nutritional care and its components (planning, implementation and evaluation).

REFERENCES

- Srilakshmi B (2004) Nutrition Science. New Age International (P) Ltd, Publishers.
- Kango M (2005) Normal Nutrition, Curing diseases through diet. First Edition CBS Publications. Paul S (2003) Text Book of Bio-Nutrition, Fundamental and Management. RBSA Publishers.
- Williams SR (2000) Nutrition and Diet Therapy. Sixth Edition C.V. Melskey Co.
- Mudambi SR and Rajagopal MV (1997) Fundamentals of Foods and Nutrition. New Age International (P) Ltd, Publishers.
- Swaminathan M (1999) Essential of Food and Nutrition. Vol I and II, Bappco publications, Madras.
- Corinne, H. Robinson 2010– “Normal and Therapeutic nutrition”, Oxford and IBH publishing company, Bombay.
- B. Srilakshmi – 2012 “Dietetics”, 4th edition, New age international publisher, Chennai

DEPARTMENT - COMPUTER SCIENCE

ELMCS-01 Mobile App Development: Credit 2

Block – I

Unit-1: Introduction to Mobile Computing: applications, a simplified reference model, Wireless

Transmission:

Unit-2: Frequencies of radio transmission, signals, antennas, signal propagation, multiplexing, modulation, spread spectrum, cellular system.

Unit-3 Media Access Control: motivation for a specialized MAC, SDMA, FDMA, TDMA, CDMA, and Comparisons.

Unit-4: GSM, DECT, Wireless LAN: Infrared vs. radio transmission, Infrastructure and ad-hoc networks, IEEE 802.11, HPERLAN, Bluetooth.

Block – II

Unit-5: Mobile Network Layer: mobile IP, dynamic host configuration protocol,

Unit-6: ad-hoc networks. Mobile Transport Layer: Traditional TCP, classical TCP improvements,

Unit-7: TCP over 2.5/3G wireless networks. File Systems, World Wide Web,

Unit-8: Wireless Application Protocol (WAP) and WAP 2.0.

Text book:

1. Jochen H. Schiller, Mobile Communications(2e)

Reference

1. Raj Kamal, Mobile Computing
2. Asoke K. Talukder, Roopa R. Yavagal, Mobile Computing
3. Mazliza Othman, Principles of Mobile Computing and Communications
4. Prasant Kumar Pattnaik, Rajib Mall, Fundamentals of Mobile Computing
5. Ivan Stojmenovic, Handbook of Wireless Networks and Mobile Computer
6. David Taniar, Mobile Computing Concepts, Methodologies, Tools, and Applications

DEPARTMENT - ENVIRONMENTAL SCIENCE

ESOEL-1: Basics of Environmental Science

Block I: Ecology and Environment

- Unit 1:** Definition, Principles and Scope. Biotic and abiotic factors of environment.
Ecosystems: pond, forest, river, grassland and estuary ecosystems
- Unit 2:** Ecosystem – trophic structure, energy flow, food chain, food web, Ecological pyramids.
- Unit 3:** Population dynamics: Definition, population density, Natality, Mortality, Age structure, Growth pattern, population dispersion.
- Unit 4:** Biogeochemical cycle – types, sedimentary and gaseous cycles, N, C, S, P, O cycles. Rock and hydrological cycles.

Block II: Biodiversity and Conservation

- Unit 5:** Biodiversity, Definition, Types of Biodiversity, importance and roles.
- Unit 6:** Needs and benefits of biodiversity, Loss of biodiversity- causes and consequences, Need for conservation of biodiversity
- Unit 7:** Conservation strategies, endemic and exotic species, Red Data book, National parks, wildlife sanctuaries, biosphere reserves, biodiversity hotspots, wildlife protection act, biodiversity act, wetland conservation and management, Hotspots of biodiversity.
- Unit 8:** Project Tiger, Project elephant, Ramsar site and other conservation projects. Experts Committee Reports on Environmental conservation

DEPARTMENT - GEOGRAPHY

ELMG –01, Introduction to Physical Geography (Credit-2)

Block-1

Origin, Shape and Size of the Earth, Movement of the Earth- Rotation and Revolution, Effects of the movement of Earth, Coordinates -Latitude, Longitude and Time; Structure of the Earth, Rocks - types, significance, Weathering –types; Agents of Denudation - River, Glacier, Wind and Under Ground water; Structure and Composition of Atmosphere, Weather and Climate

Block-2

Atmospheric Pressure, Winds and Precipitation; Distribution of Land and Sea, Submarine Relief of the Ocean, Temperature and Salinity of Sea Water; Ocean Tides and Oceanic Currents- Atlantic, Pacific and Indian Oceans; Biosphere- Elements, Ecology, Ecosystem, World's Biomes, Biodiversity – Importance, Types and Conservation

References

1. B.S. Negi (1993) Physical Geography. S.J. Publication, Meerut
2. D.S.Lal (1998) Climatology. Chaitnya publishing house, Allahabad
3. K. Siddhartha (2001) Atmosphere, Weather and Climate. Kishalaya publication, New Delhi
4. R.N. Tikka (2002) Physical Geography. Kedarnath Ramnath & co, Meerut
5. William D. Thornbury (1997) Principle of Geomorphology. New Age International (Pvt Ltd.) New Delhi.

DEPARTMENT - MATHEMATICS

ELMM –01 - FUNDAMENTALS OF MATHEMATICS

(2 Credits)

Block-I: Number Theory: Natural numbers, integers, Real numbers, GCD, LCM, Prime numbers. Surds, Indices, Logarithms, Progressions, Arithmetic Progression, Geometric Progression, Harmonic Progression,

Block-II: Set Theory: Operations of Union, Intersection, Complementation. Relations & Functions: Types of relations One-one, onto, Many-one functions, graphs of functions.

Mathematical Logic: Propositions, logical connectives, Methods of proofs.

Books for Reference:

1. Kolman and Busby: Discrete Mathematics, PHI.
2. S. L. Loney: The Elements of Coordinate Geometry, London Macmillan & Co.
3. B. S. Grewal: Higher Engineering Mathematics, 36th Ed., Khanna Pub.
4. S. Lipschutz and M. Lipson: Theory and Problems of Discrete Mathematics. Schaum Series. 2nd Ed. Tata McGraw Hill.

DEPARTMENT - MICRO BIOLOGY

Microbial World and Microbial Diversity

- i. Introduction to microbial world, Physiochemical and biological characteristics; Characteristics of Acellular microorganisms (Viruses); Baltimore classification, general structure with special reference to viroids and prions.

- ii. Binomial Nomenclature, Whittaker's five kingdom and Carl Woese's three kingdom classification systems and their utility.
- iii. Difference between prokaryotic and eukaryotic microorganisms
- i. General characteristics of Cellular microorganisms, types - archaeobacteria, eubacteria, wall-less forms - MLO (mycoplasma and spheroplasts) with emphasis on distribution and occurrence, morphology, mode of reproduction and economic importance.
- ii. Structure, reproduction and economic importance of Mycoplasma.
- i. General concept of Phytoplanktons and Zooplanktons. Characteristics, occurrence, thallus organization and classification of Algae.
- ii. Cyanobacteria - occurrence, thallus organization, cell ultra structure, reproduction and economic importance. Applications of algae in agriculture, industry, environment and food.
- i. Historical developments in the field of Mycology including significant contributions of eminent mycologists.
- ii. General characteristics of fungi including habitat, distribution, nutritional requirements, fungal cell ultra- structure, thallus organization and aggregation, mode of reproduction and
- iii. Economic importance of fungi with examples in agriculture, environment, Industry, medicine and food.
- i. General characteristics, structure, mode of reproduction and economic importance of Actinomycetes with special reference to its application in medicine and industry.
- ii. General characteristics, occurrence, classification structure, reproduction and economic importance of Protozoa.

References:

1. Singh, R.P. General Microbiology. Kalyani Publishers, New Delhi (2007).
2. Aneja, K.R. Experiments in Microbiology, Plant pathology and Biotechnology, Fourth edition, NewAge International publishers.
3. Dubey, R.C. and Maheshwary, D.K. Text book of Microbiology. S.chand and company (1999).
4. Powar, C.B. and Dagainawal, H.F. General Microbiology. Vol-I and Vol- II, Himalaya Publishing House.
5. Chakraborty P. A Textbook Of Microbiology. New central book Agency (2005).
6. Prescott, M.J., Harley, J.P. and Klein, D.A. Microbiology. 5th Edition WCB Mc Graw Hill, New York, (2002).
7. Tortora, G.J., Funke, B.R. and Case, C.L. Microbiology: An Introduction. Pearson Education, Singapore, (2004).
8. Alcom, I.E. Fundamentals of Microbiology. VI Edition, Jones and Bartlett Publishers. Sudbury. Massachusetts, (2001).
9. Black J.G. Microbiology-Principles and Explorations. JohnWiley & Sons Inc. New York, (2002).
10. Pelczar, MJ Chan ECS and Krieg NR, Microbiology McGraw-Hill.
11. Willey, Sherwood, Woolverton. Prescott, Harley, and Klein's Microbiology McGraw-Hill publication
12. Tortora, Funke, Case. Microbiology. Pearson Benjamin Cummings.

13. JACQUELYN G. BLACK. Microbiology Principles and explorations. JOHN WILEY & SONS, INC.

14. Madigan, Martinko, Bender, Buckley, Stahl. Brock Biology of Microorganisms. Pearson

15. Tom Besty, D.C Jim Koegh. Microbiology Demystified Mc GRAW-HILL.

DEPARTMENT -PHYSICS

MP-EL1: Mechanics

BLOCK-A

Unit-1: Laws of Motion: Frames of reference, Newton's Laws of motion, Dynamics of a system of particles, Centre of Mass.

Unit-2: Momentum and Energy: Conservation of momentum, Work and energy, Conservation of energy, Motion of rockets.

Unit-3: Rotational Motion: Angular velocity and angular momentum, Torque, Conservation of angular momentum.

Unit-4: Gravitation: Kepler's Laws (statement only), Newton's Law of gravitation, motion of a particle in a central force field, satellite in circular orbit and applications, geosynchronous orbits, weightlessness, basic idea of global positioning system (GPS).

BLOCK-B:

Unit-5: Oscillations: Simple harmonic motion, differential equation of SHM and its solutions, kinetic and potential energy, total energy and their time averages, damped oscillations.

Unit-6: Elasticity-1: Hooke's law, stress-strain diagram, elastic moduli-relation between elastic constants, Poisson's ratio, expression for Poisson's ratio in terms of elastic constants, work done in stretching and work done in twisting a wire.

Unit-7: Elasticity-2: Twisting couple on a cylinder - determination of rigidity modulus by static torsion, torsional pendulum-determination of rigidity modulus and moment of inertia - η and τ by Searles method.

Unit-8: Special Theory of Relativity: constancy of speed of light, postulates of special theory of relativity, length contraction, time dilation.

DEPARTMENT -PSYCHOLOGY

EL-1 Introduction to Psychology 2 Credits

Block 1: Introduction to Psychology-I

Unit 1: Introducing Psychology -Definition, Scope, and goals

Unit 2: Branches of Psychology

Unit 3: Motivation

Unit 4: Emotions

Block 2: Introduction to Psychology-II

Unit 5: Sensation, Attention and Perception

Unit 6: Learning, Memory and Forgetting

Unit 7: Intelligence

Unit 8: Personality

References:

1. Charles G.Morris. Albert A. Maisto Psychology an Introduction , Prentice Hall. New Jersey.
2. Feldman, A. R.,Understanding Psychology IV th Ed, 1996, McGraw Hill, New Delhi.
3. Morgan, King, Weisz &Schopler, Introduction to Psychology-V11 Ed,1993, Tata McGraw Hill, New Delhi.
4. Ernest R Hilgard, Richard C Atkinson ,Rita L Atkinson Introduction to Psychology Oxford Publication, New Delhi.

DEPARTMENT : INFORMATION TECHNOLOGY

ELMIT –01: Green Computing

(2 Credits)

Course Objective: Study the concepts related to Green IT, Green devices and hardware along with software methods, green enterprise activities, managing the green IT and various laws, standards, protocols along with outlook of green IT.

BLOCK 1: Overview of Green Computing

Unit 1:Green IT Introduction, Overview and issues, Initiatives and standards, Pathways of Green computing, Benefits of Green IT, Environmental Impacts of IT

Unit 2: Green devices and hardware Environmental issues arising from electronic devices, life cycle of electronic devices, Hazards and E-waste Recycling, Going paperless, Hardware considerations, Greening information systems, Managing Green IT, 3Rs of Green IT, Thinking About Money-Saving Efforts

Unit 3: Green Data Centres and Associated Energy Challenges, Data Centre IT Infrastructure, Data Centre Facility Infrastructure: Implications for Energy Efficiency,

IT Infrastructure Management, Green Data Storage, Storage Media Power Characteristics,

Unit 4: Green network and communications, objectives and challenges of green networking, Enterprise Green IT strategy, Approaching Green IT strategies, Business drivers and dimensions for Green IT strategies, Steps in Developing a Green IT Strategy, Metrics and Measurements in Green Strategies

BLOCK 2: Management of Green Computing

Unit 5: Sustainable Information Systems and Green Metrics, Sustainable IT Services, Sustainable IT Roadmap, Enterprise, Green IT Readiness, Readiness and Capability Green Enterprises and the Role of IT, Organizational and Enterprise Greening, Information Systems in Greening Enterprises, Greening the Enterprise: IT Usage and Hardware,

Unit 6: Managing Green IT, Strategizing Green Initiatives, Implementation of Green IT, Regulating Green IT: Laws, Standards and Protocols,

Unit 7: Green Cloud Computing and Environmental Sustainability, Cloud Computing and Energy Usage Model: A Typical Example, Features of Clouds Enabling Green Computing, Green Cloud Architecture

Unit 8: Green IT: An Outlook, Awareness to Implementation, Green IT Trends, Greening by IT, A Seven-Step Approach to Creating Green IT Strategy

Text Books:

1. Gangadharan, G. R., & Murugesan, S. (2012). Harnessing Green IT: Principles and practices. Wiley Publication, ISBN: 9788126539680.
2. Smith, B. E. (2013). Green Computing: Tools and Techniques for Saving Energy, Money, and Resources. CRC Press.

DEPARTMENT -BOTANY

Plant-Microbe Interactions

Overview of plant microbes interactions,

Introduction, beneficial microbes, Rhizobium bacterium and nitrogen fixation, mycorrhizal fungi.

Plant pathogens, Agrobacterium tumefaciens and crown gall disease,

Mechanisms of plant disease mechanism, some bacterial plant diseases,

Plant viruses and mechanism of plant against viruses attacks.

Fungal pathogen- mechanism of plant disease,

Oomycete pathogens, Fungal mediated plant.

General concept of plant immunity,

PAMP-triggered immunity (PTI) and effectors-triggered immunity (ETI).

Transcription activator like effector and their role in virulence and disease resistance.

References

1. Lautenberg, B. (2015). Principles of Plant-Microbes Interactions: Microbes for sustainable Agriculture, Springer.
2. Stacey, G. and Keen, N. T. (1997). Plant-Microbes Interactions, Vol 4, . Springer.
3. Ramasamy, K, (2015). Plant Microbes Interactions, New India Publishing Agency.
4. Martin, F. and Kamoun, S. (2014). Effectors in Plant-Microbes Interactions 1st Edition, Wiley Blackwell.

DEPARTMENT -ZOOLOGY

MZO-IE-1: Parasites, Vectors & Communicable Diseases

Introduction to parasites.

Distribution, types, origin and evolution of parasites. Parasitism.

Types: Ecto-parasites, Endo-parasites and their adaptations.

Pathogenic micro-organisms, brief outline and classification of parasitic protozoan's: Entamoeba, Balantidium, Giardia, Trichomonus, Plasmodium, Leishmania and Trypanosoma and their diseases.

Control measures, diagnosis and therapy.

Pathogenic helminthes and vectors.

Etiology, epidemiology, pathogenesis, diagnosis, prevention and control of disease due to *Trichinella spiralis*, *Ancylostoma duodenale*, *Fasciola hepatica*, Schistosoma species.

Pathogenic Cestodes: Life cycle, treatment of diseases caused by Echinococcus, Hymenolepis and Diphylobothrium. Scope and importance of vectors. Origin and evolution of vectors. Habitat, life cycle, pathogenicity of fleas, mites, ticks, lice's and mosquitoes.

Historical perspectives and scientists involved in the discovery of vectors and communicable Diseases.

Epidemiology, bio-ecology, life cycle of biological and mechanical Vectors. Vector-host-parasites interactions, Host-pathogen interaction, insects transmitting Bacteria and viruses.

Control and management of vectors and vector borne diseases

Control measures: cultural, chemical, biological, genetic and environmental Methods of vectors. Management of biological and mechanical vectors during Different seasons. Integrated Vector Control and Management.

Insecticide resistance in vectors, Drug resistance in pathogens.

Importance of education, awareness among public on communicable diseases and community participation. Covid-19 pandemics. Epidemiology of corona virus and its mutants.

Vaccination against corona virus in India and other parts of the world.

DEPARTMENT –FOOD AND NUTRITION SCIENCE

ELMFNS- 01 FOOD PSYCHOLOGY

Credits: 2

BLOCK 1: FOOD: PREFERENCES AND CHOICES

Unit 1: Food: Physiological definition and significance, meaning of food, food classification, Food as statement of self-identity, Social interaction, Cultural identity

Unit 2: The Role of Food and Eating on Personality and Social Development: Psychology of eating, Food and emotion regulation, Food in daily living, Food Socialization, Food and control of others

Unit 3: Food Preferences and Fluctuations: Developmental Models, Cognitive Models & Psychophysiological Models, Physiology of food choice, Likes and Dislikes, acquired food preferences, Attitudes towards change, Food and sensory stimulus, Factors influencing eating behavior – (biological, environmental, individual, food characteristics, culture etc., Effect of eating on food selection and preferences, Understanding of the body and self – selection of the diet.

Unit 4: Food choices across lifespan and influence of society: The changing role of the senses in food choice and food intake across lifespan, Food in security and health across lifespan, Influence of media and advertisements, Digital platform and influence on food choices

BLOCK 2: EATING DISORDERS AND TREATMENTS

Unit 5: Mood, Emotions, food cravings and addictions: relation with food preferences, Connection between mood and eating, Biological and physiological aspects of food cravings, Stress and eating behavior, Food addiction - description, neurobiology of food addiction

Unit 6: Eating disorders and treatment: Anorexia nervosa, Bulimia nervosa and binge eating Disorder-Definition, Symptoms, believed causes, Classification, Risk factors, Common myths of eating disorders, Treatment & dietary management

Unit 7: Overeating, Obesity and Weight management: Definition, Prevalence, Classification of Body Mass Index, Types & patterns, Etiology, Physiological component, Fad diets, Risk factors, Treatment - Weight management (Behavior & Cognitive), Lifestyle modifications, Dietary modification - (calorie restricted diet)

Unit 8: You are what you eat- Approaches to change the dietary behavior: Multidisciplinary approach, Strategies to support healthy dietary behavior: Encouraging healthy eating, Selection of food, Meal & portion size, developing education materials, Motivation & economics, Benefits of exercise, Stage classification for change, Barriers affecting the clinical outcome

REFERENCES:

1. [Smith John L.](#) (2002), The Psychology of Food and Eating (English, Hardcover, Smith John , Publisher: Palgrave MacmillanL.), ISBN: 9780333800201, 0333800206.
Alexandra W. Logue Oct 2017, The Psychology of Eating and Drinking Fourth Edition.

Annexure II

INTER- DISCIPLINARY COURSE
(Open Elective) for Second Semester

ವಿಭಾಗ- ಕನ್ನಡ

ಪತ್ರಿಕೆ-೬: ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಇತಿಹಾಸ

EL-2.1 (ಕ್ರೆಡಿಟ್-೨)

ಬ್ಲಾಕ್-೨೮: ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯ ಉಗಮ ಮತ್ತು ವಿಕಾಸ

ಘಟಕ-೧೪೯: ಸಾಹಿತ್ಯದ ಉಗಮ, ಬೆಳವಣಿಗೆ, ಉದ್ದೇಶ.

ಘಟಕ-೧೫೦: ಪ್ರಾಚೀನ ಪೂರ್ವ ಶಾಸನಸಾಹಿತ್ಯ.

ಘಟಕ-೧೫೧: ಪಂಪ ಪೂರ್ವ ಯುಗದ ಸಾಹಿತ್ಯ.

ಘಟಕ-೧೫೨: ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯ ವಿಭಾಗಕ್ರಮ.

ಬ್ಲಾಕ್-೨೯: ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯ

ಘಟಕ-೧೫೩: ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯ ರೂಪಗಳು; ಚಂಪೂ, ವಚನ, ರಗಳೆ, ಷಟ್ಪದಿ, ಸಾಂಗತ್ಯ ಇತ್ಯಾದಿ.

ಘಟಕ-೧೫೪: ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಪರಿಕಲ್ಪನೆಗಳು;

ಚರಿತ್ರೆ-ಪುರಾಣ, ಧರ್ಮ-ಕಾವ್ಯಧರ್ಮ, ಹಿಂಸೆ-ಅಹಿಂಸೆ, ಮಾರ್ಗ-ದೇಶಿ, ಲೌಕಿಕ-ಆಗಮಿಕ, ವಸ್ತುಕ-ವರ್ಣಕ, ಪ್ರಭುತ್ವ-ಪ್ರತಿರೋಧ.

ಘಟಕ-೧೫೫: ಪ್ರಾಚೀನ ಕನ್ನಡ ಕವಿ-ಕೃತಿ-ಕಾಲ-ದೇಶ-ಭಾಗ ೧.

ಪಂಪ, ರನ್ನ, ಪೊನ್ನ, ೧ನೆ ಚಾವುಂಡರಾಯ, ನಾಗವರ್ಮ ೨ನೆಯ ಚಾವುಂಟರಾಯ, ನಾಗಚಂದ್ರ, ನಯಸೇನ, ದುರ್ಗಸಿಂಹ, ಬ್ರಹ್ಮಶಿವ, ಕರ್ಣಪಾರ್ಯ, ಜನ್ನ.

ಘಟಕ-೧೫೬: ಪ್ರಾಚೀನ ಕನ್ನಡ ಕವಿ-ಕೃತಿ-ಕಾಲ-ದೇಶ-ಭಾಗ ೨.

ಆಂಡಯ್ಯ, ನೇಮಿಚಂದ್ರ, ರುದ್ರಭಟ್ಟ ಪ್ರಮುಖ ವಚನಕಾರರು - ಜೇಡರ ದಾಸಿಮಯ್ಯ, ಬಸವಣ್ಣ, ಅಕ್ಕ ಮಹಾದೇವಿ, ಅಲ್ಲಮಪ್ರಭು, ಚನ್ನಬಸವಣ್ಣ, ಹರಿಹರ, ರಾಘವಾಂಕ, ಕುಮಾರವ್ಯಾಸ, ಲಕ್ಷ್ಮೀಶ, ಪ್ರಮುಖ ಕೀರ್ತನಕಾರರು, ಚಾಮರಸ, ಕುಮಾರವಾಲ್ಮೀಕಿ, ಸರ್ವಜ್ಞ, ಷಡಕ್ಷರಿ, ಸಂಚಿ ಹೊನ್ನಮ್ಮ, ನಂಬುಂಡ, ರತ್ನಾಕರವರ್ಣಿ, ಮುದ್ದಣ, ಕೆಂಪುನಾರಾಯಣ.

ಪರಾಮರ್ಶನ ಗ್ರಂಥಗಳು

೧. ಗತಿಬಿಂಬ : ಜಿ.ಎಸ್. ಶಿವರುದ್ರಪ್ಪ, ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಬೆಂಗಳೂರು

೨. ಕಾವ್ಯ ವಿಹಾರ : ಕುವೆಂಪು, ಉದಯರವಿ ಪ್ರಕಾಶನ, ಮೈಸೂರು, ೧೯೬೯
೩. ಸಮಗ್ರ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ : ಬೆಂಗಳೂರು, ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಬೆಂಗಳೂರು, ೨೦೦೨
೪. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ : ಕೆ. ವೆಂಕಟರಾಮಪ್ಪ, ಪ್ರಸಾರಾಂಗ, ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು
೫. ಕರ್ನಾಟಕ ಸಂಸ್ಕೃತಿ: ದೇವುಡು, ಶಾರದಾ ಪ್ರಕಾಶನ, ಮೈಸೂರು, ೧೯೫೫
೬. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಂಗಾತಿ : ಕೀರ್ತಿನಾಥ ಕುರ್ತಕೋಟಿ, ಮನೋಹರ ಗ್ರಂಥಮಾಲೆ, ಧಾರವಾಡ
೭. ಶೈಲಿ : ಎಸ್.ವಿ.ರಂಗಣ್ಣ, ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು, ೧೯೭೬
೮. ಶತಮಾನದ ಕನ್ನಡ ಸಾಹಿತ್ಯ : ಸಂಪಾದಕರು, ಜಿ.ಎಸ್. ನಾಯಕ, ಕನ್ನಡ ಸಾಹಿತ್ಯ ಅಕಾಡೆಮಿ, ಬೆಂಗಳೂರು
೯. ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಇತಿಹಾಸ : ರಂ. ಶ್ರೀ. ಮುಗಳಿ, ಕೇಂದ್ರ ಸಾಹಿತ್ಯ ಅಕಾಡೆಮಿ, ನವದೆಹಲಿ, ೧೯೬೩
೧೦. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ : ರಂ.ಶ್ರೀ. ಮುಗಳಿ, ಉಷಾ ಸಾಹಿತ್ಯ ಮಾಲೆ, ಮೈಸೂರು, ೧೯೭೧
೧೧. ಬಿಂಬ: ಚದುರಂಗ, ಸಂವಹನ ಪ್ರಕಾಶನ, ಮೈಸೂರು
೧೨. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ ಸಂಪುಟಗಳು : ಕುವೆಂಪು ಕನ್ನಡ ಅಧ್ಯಯನ ಸಂಸ್ಥೆ, ಮೈಸೂರು. ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು, ೧೯೮೨
೧೩. ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಪ್ರಾಚೀನತೆ: ಪ್ರಧಾನ ಸಂಪಾದಕರು, ಎ. ರಂಗಸ್ವಾಮಿ, ಲೇ. ಎಚ್.ಪಿ. ಗೀತಾ, ಜನಪ್ರಿಯ ಕನ್ನಡ ಮಾಲೆ, ಕನ್ನಡ ಅಧ್ಯಯನ ಮತ್ತು ಸಂಶೋಧನಾ ವಿಭಾಗ, ಕರಾಮುವಿ, ಮೈಸೂರು, ೨೦೧೧
೧೪. ಪ್ರಾಚೀನ ಕನ್ನಡ ಕಾವ್ಯ ಸ್ಥಿರತೆ ಮತ್ತು ಚಲನ ಶೀಲತೆ : ಪ್ರಧಾನ ಸಂಪಾದಕರು, ಎ. ರಂಗಸ್ವಾಮಿ, ಲೇ. ಶಿವರಾಮಯ್ಯ, ಜನಪ್ರಿಯ ಕನ್ನಡ ಮಾಲೆ, ಕನ್ನಡ ಅಧ್ಯಯನ ಮತ್ತು ಸಂಶೋಧನಾ ವಿಭಾಗ, ಕರಾಮುವಿ, ಮೈಸೂರು, ೨೦೧೨
೧೫. ಕನ್ನಡ ಕೃಷಿಡಿ: ಸಂಪುಟ ೨, ಪ್ರಸಾರಂಗ, ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮೈಸೂರು, ೨೦೦೭

DEPARTMENT - ENGLISH

EL-2.1: INDIAN LITERATURE-II

OBJECTIVES

- To appreciate artistic values in *Hayavadana* and the use of myth
- To know the importance of Indian English historical plays
- To appreciate Sri Aurobindo as a poet and critic
- To comprehend the different theories of aesthetic experience of art

BLOCK -I

Girish Karnad: Hayavadana

Gurucharan Das: Larin Sahib

BLOCK -II

M. Hiriyanna: Art Experience

Sri Aurobindo: Selections: The Poets of the Dawn and The Poets of the Dawn 3 (The Future Poetry)

Suggested Reading:

- **K.R.Srinivas Iyengar:** Indian Writing in English .Macmillan, 1979.
- **M.K.Naik:** Critical Essays on Indian Writing in English.Sahitya Akademi, 1969.
- **Narasimhaiah C.D:** The Swan and the Eagle. Indian Institute of Advanced Study, 1987.

- **Meenakshi Mukherjee:** The Twice Born Fiction. Heinemann Educational Publishers, 1972.

DEPARTMENT - TELUGU

E. L. 2.1 TELUGU SAMSKRUTHI - SAMAJAM

Block - 1: ANDHRULA CHARITHRA - SAMSKRUTHI

- Unit - 1: Samskruthi Vaisistyam
- Unit - 2: Andhrula Charithra - Samskruthi Paraspara Prabhavam
- Unit - 3: Andhrula kalalu
- Unit - 4: Andhrula basha - samajam

Block - 2: ANDHRULA AACHARALU -SAMPRADHAYALU

- Unit - 1: Andhrula Pandugalu
- Unit - 2: Sthrela Nomulu - Vrathalu
- Unit - 3: Andhrula Sangikaacharalu
- Unit - 4: Andhrula Sampradhayalu

DEPARTMENT - HISTORY

OEL2.1 Social Reform Movements in Modern India

Objective: The course is aims to trace the causes for the division of society in various sections and need for reformation. Further it explains age old social evils which crippled Indian society.

Pedagogy: personal contact programmes, audio video programmes, online lectures
Assignments, etc

Credits: 2. **Examination Duration:** 1 1/2 hours and Maximum Marks: 40

Course outcomes

After completing this course the students should be able to

- Understanding the contributions of the Raja ram Mohan Roy Dayananda Sarawathi towards the Indian modernity
- Analyse the Jyothibai pule Savithribai Pule Ambedkar's contributions to Indian social reform movements
- Evaluate the works of Sahu Maharaj and Krishna raja wadiyar IV patronage to social Justice.

Block-I

Unit : 1

Colonial Discovery of India : Orientalism, Anglicism, Evangelism-Understanding Indian Society, Meaning of Social Reform. The Concept of Modernity : Western Impact – Indian Response.

Unit : 2

Rajaram Mohan Roy and Brahma Samaj, Dayananda Sarawathi and Arya Samaj- Nationalism and Society – Prarthana Samaj.

Unit : 3

Jyothi Ba- Phle and Savithri Ba Pule, Social and education reforms.

Unit : 4

Communalism, Eradication of Communalism, Muslim League, Wahhabi and Pan Islamism-Syed Ahmed and Aligarh Movement.

Block-II**Unit : 5**

The debate over the interpretation of Shastras – Ishwar Chandra Vidya Sagar - B.M.Malabari – Vivekananda –M.G. Ranade—Bal Gangadhar Tilak.

Unit :6

Dr. B.R.Ambedkar-, His views on Society, A caste and its annihilation, Religion and Economy, M.K.Gandhi- E.V.Ramswamy Periyar and Sri.Narayanguru, Ayyan kali.

Unit :7

The reformers – Kandukuri Veereshalingam – Pandit Shivanatha Shastry – Gopal Ganesh Agarkar-K.T.Telang-Maharma.

Unit :8

D.K.Karve, Maharaj Saiyyaji Rao Gaekwad of Baroda – Chatrapathi Shahu Maharaj of Kolhapur and Maharaja Krishnaraja Wodeyar IV of Mysore.

Suggested readings:

1. Nararajan : A Century of Social Reform in Indian.
2. Seetharam Singh : Nationalism and Social Reform in India
3. Dhananjaya Keer : Ambedkar, Life and Mission
4. Dhananjaya Keer :Mahatma Jyoti Rao Phule : Father of Social Revolution in India
5. Charless Heimsath R : Indian Nationalism and Hindu social Reform
6. A.S.Altekar : Position of Women In Hindu Civilization.
7. Gail Omvedt : Cultural Revolt in a Colonial Society – The Non – Brahmin Movements in Western India.
8. Gail Omvedt : Dalits and Democratic Revolution.
9. Ravindrakumar : Selected Documents of B.G.Tilak.
10. S. Ramkrishna : Social Reform Movements in Andhra
11. M.K.Gandhi : Women and Social Injustice.

ವಿಜಯ ಪೊಣಚ್ಚು ತಂಬಂಡ (ಸಂ), ಭಾರತ ಉಪಖಂಡದ ಆಧುನಿಕ ಪೂರ್ವ ಚರಿತ್ರೆ ವಿವಿಧ ಆಯಾಮಗಳು
– ಸಂಪುಟ-03, ಪ್ರಸಾರಾಂಗ, ಕನ್ನಡ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಹಂಪಿ.

DEPARTMENT - ECONOMICS

EL2.1: Institutions for International Development

- **Objective:** To enable the Students to understand the need and importance of various International Institutions.
- **Pedagogy:** A Combination of Lectures, Group Discussion, Assignments.

- **Credits:** 2 ; Examination Duration: 1½ and Maximum Marks: 50 (Internal Assessment Marks = 10 and Semester-end Examination =40)

Course Inputs

- Block – I Economic Issues at Global and National Level**
- Unit – 1 Globalisation**
Globalisation – Forces Driving Globalisation – Income Inequality – National Integrity – Impact on Labour – Multinational corporations – Global Business Environment – National Business Environment.
- Unit – 2 Legal Issues of Business at Global and National Level**
Political Risks – Legal System – Business Ethics – Centrally Planned Economy – Mixed Economy – Market Economy – Human Development
- Unit – 3 International Trade**
Importance – Volume – Direction – Composition – Trends – Theories of Trade - Mercantilism – Absolute Advantage – Comparative Advantage – International Product Life Cycle – Political, Economic and Cultural Motives behind Government Intervention.
- Unit – 4 GATT and WTO**
Importance – objectives – Functions - GATT and W.T.O – India and WTO.
- Block – II Economic Integration and International Business Issues**
- Unit – 5 Regional Economic Integration**
Meaning – Effects – Integration in Europe: European Union – Integration in Americans : North American Free Trade Agreement (NAFTA) – Latin American Integration Association (LAIA) – Free Trade Area of Americans (FTAA) and Transatlantic Economic Partnership.
- Unit – 6 Integration in Asia**
Association of Southern East Asian Nations (ASEAN) - Asia Pacific Economic Cooperation (APEC) – Integration in middle East : Gulf Cooperation Council (GCC) – BRICS – SAARC.
- Unit – 7 International Financial Markets**
International capital markets – Foreign Exchange markets – Currency Convertibility – International Monetary System.
- Unit – 8 Issues in International Business**

Trade War – Balance of Payment – Terrorism – Oil Crisis – Smuggling – Dumping – Environmental Degradation – Exhibit of Nuclear power – Covid 19 and other pandemics.

References:

01. Apte A.N. (2011) International Financial Management, Tata McGraw Hill Pub., Co. Ltd., New Delhi.
02. Bhambari C.P, (1980) The World Bank and India, Vikas Publishing House, New Delhi.
03. International Development Association, Annual Reports.
04. International Finance Corporation, Annual Reports.
05. International Monetary Fund, Annual Reports.
06. World Bank, (1995) The Evolving Role of the World Bank in the First Half Century, Washington D.C.
07. World Bank, World Bank in India, Washington, D.C. USA
08. World Bank, World Development Reports, and Annual Reports.
Palle Krishna Rao, (2005) WTO, Text and Cases, PSG Excel Series, New Delhi.

DEPARTMENT - POLITICAL SCIENCE

(OEL-I) Indian Constitution

Block-I

- Unit:1 Framing of the Indian Constitution.
- Unit:2 Preamble and Salient Features of the Indian Constitution.
- Unit:3 Fundamental Rights and Duties.
- Unit:4 Directive Principles of the State Policy.

Block-II

- Unit:5 Union Legislature : Composition, Powers and Functions.
- Unit:6 Union Executive : President and Vice-President - Election, Powers and Functions, Prime ministers and Council of Minister - Powers and Functions.
- Unit:7 State Legislature : Composition, Powers and Functions, State Executive -Governor and Chief Minister.
- Unit:8 The Judiciary : Supreme Court and High Court - Composition, Jurisdiction and Functions.

References:

1. Andre Beteille, 1965. Caste,class, and Power. Berkley: University of California Press.
2. Appadorai, A 1968. india: Studies In Social And Political Development 1947-1967. New Delhi: Aisa Publishing House.
3. Desai, A R. 2016. Social Background of Indian Nationalism. Los Angeles: Papular Prakashan.
4. Granville Austin, 2000. The Indian Constitution: Cornerstone of a Nation. Melbourne: Oxford University Press.

5. Hanson and Douglas, 1972. India`s Democracy. New York city: W W Norton & Co Inc.
6. Johari J C 1974. Indian Government and Politics. New Delhi: Vishal Publications.
7. Karunakaran, K.P 1964. Continuity and Change in Indian Politics. New Delhi: People`s Pub. House.
8. Kochanek. A. 1968. The Congress Party of India: the Dynamics of a One-Party Democracy. New Jersey: Princeton University Press.
9. Morris Jones, 1967. The Government and Politics of India. London: Hutchinson University Library.
10. Myron Weiner, 1957. Party Politics in India. New Jersey: Princeton University Press.
11. Myron Weiner, 1967. Party Building in New Nation. Chicago: University of Chicago Press.
12. Palmer, N D 1971. The Indian Political System. Boston: Houghton Mifflin.
13. Partha Chatterjee, 1998. State and Politics in India. University of Michigan: Oxford University Press.
14. Pylee, M V 1960. Constitutional government in India. Bombay: Asia Pub. House.
15. Rajni Kothari, 1970. Politics in india. The University Of Michigan: Little Brown
16. Rajni Kothari, 1995. Caste in Indian Politics. Telangana: Orient Blackswan.
17. Venkatarangaiya: M Shiviah, 1975. Indian Federalism. New Delhi: Arnold-heinemann Publishers.
18. Zoya Hasan, 2000. The State in Indian Politics. Landon: Sage publication.

DEPARTMENT - SOCIOLOGY

Study of Indian Society -02 Credits

Course Description

Every science has its own classical theories, which stand as eternal in their explanatory power and prowess to transcend the time and region. This course intends to introduce the learners to the classical period of sociology which is not just a bundle of theories but a consistent tradition and formative period, even contemporary theories cannot eschew from being inspired. After studying this course, following learning outcomes can be expected.

Course Objectives

1. To appreciate the organizational framework of Indian society
2. To appreciate the aspects unity and diversity of Indian society
3. Examine the social issues in contemporary India

Learning Outcomes

Following outcomes are expected from the learners after successfully completing the course.
Learner can/has

LOC-1: sociological insights about the social structural and organizational aspects of Indian society

LOC-2: present the changes in institutional framework of Indian society

LOC-3: recognize the causes for major social issues and present realistic remedies

Course Content

Block-1 Social Organizations

Unit-1 Unity and Diversity-Problem of Integration

Unit-2 Caste-Characteristics and Recent Changes

Unit-3 Marginalization-SC, ST, OBC and Minorities

Unit-4 Changes in Family and Concerns of the Aged

Block-2 Social Issues in Contemporary India

Unit-5 Environmental Sanitation and Ecological Degradation

Unit-6 Educated Unemployment and Employability

Unit-7 Social Unrest-Terrorism, Naxalism, Communalism and Corruption

Unit-8 Child Rights and Right to Education (RTE)

References

- Ahuja, Ram. 2002. Study of Social Problems. Jaipur & New Delhi: Rawat Publications
- Atal, Yogesh. 1979. The Changing Frontiers of Caste. National Publishing House: Delhi
- Beteille, Andre. 1971. Caste, Class and power. Berkeley: University of California.
- Beteille, Andre. 1974. Social Inequality, New Delhi: Oxford University Press.
- Beteille, Andre. 1992. Backward Classes in Contemporary India. New Delhi: Oxford University Press.
- Berreman, G.D. 1979. Caste and Other Inequalities: Essays in Inequality. Meerut: Folklore Institute.
- Dube, Leela. 1997. Women and Kinship, Comparative Perspectives on Gender Southern South Asia.
- Das, Veena. 2006. Oxford Handbook of Indian Sociology. New Delhi: Sage
- Dube, S C. 1990. Study of Indian Society. New Delhi: National Book Trust
- Jha, Hetukar. 2015. Sanitation in India. Delhi: Gyan Books.
- Karve, Iravathi. 1990. Kinship Organization in India.
- Pais, Richard. 2015. Sociology of Sanitation. Delhi: Kalpaz Publications.
- Pathak, Bindeshwar. 2015. Sociology of Sanitation. Delhi: Kalpaz Publications.
- Singer, Milton & Cohen, Bernards. 1996. Structure and change in Indian Society. Jaipur: Rawat
- Singh, Yogendra, Modernization of Indian Tradition. Jaipur & New Delhi: Rawat
- Srinivas, M N. 1995. Social Change in Modern India: Orient Blackswan
- Srinivas, M. N. 1962. Caste in Modern India and Other Essays. Asia Publishing House: Delhi

DEPARTMENT – ANCIENT HISTORY AND ARCHEOLOGY

AHA
OE 2.1

Cultural History of Hoysalas (OE)

Block - 1

Early Kings

Unit - 1 Archeological and Literary Sources

Unit - 2	Theories of Origin of Hoysalas – Sala – Nripakama – Ereyanga
Block - 2	Important Rulers
Unit - 3	Vishnuvardhana - VeeraNarasimha – I
Unit - 4	Ballala – II - Narasimha – II - Narasimha III and Ballala – III
Block - 3	Cultural Contributions
Unit - 5	Hoysala polity - Economy
Unit –6	Hoysala Society – Religion – Education - literature
Block - 4	Art and Architecture
Unit - 7	Hoysala Architecture
Unit – 8	Hoysala Art

References:

1. Epigraphia Carnatica: Relevant Volumes
2. Derrett Duncan, M.J: The Hoysalas, 1957
3. Dhakey M.A: Encyclopedia of Indian Temple Architecture
4. Desai P.B: History of Karnataka
5. Foekema Gerard: A Complete Guide to Hoysala Temples
6. Gopinatha Rao T.A: Elements of Hindu Iconography, Vols
7. Kelleson Collyer: The Hoysala Artists – Their Identity Style
8. Krishna Murthy M.S: The Hoysala Art, Kuppam, 2007
9. Padmnabha K: Hoysala Sculptures : A cultural Study
10. Sheik Ali B (Ed): The Hoysala Dynasty , 1972
11. William Cohelo: The Hoysala Vamsha, 1950
12. Annual Reports of the Department of Archaeology, Mysore 1939 – 46
13. Settar S: Hoysala Temples
14. Marg: In Praise of Hoysala Art
15. Narasimhachar R; Lakshmidēvi Temple at Doddagaddhāvalli
16. Shastri KAN: The Cholas, 17. Shastri KAN: History of South India

DEPARTMENT - EDUCATION

IDC - 2 HIGHER EDUCATION

BLOCK - 1 HIGHER EDUCATION – ORGANIZATION AND TEACHING – LEARNING

- Unit-1 Higher Education
- Unit-2 Teaching Learning in Higher Education – I
- Unit-3 Teaching-Learning in Higher Education – II
- Unit-4 Problems and Innovations in Higher Education

BLOCK - 2 HIGHER EDUCATION – SOCIO-PSYCHOLOGICAL AND MANAGEMENT DIMENSIONS

Unit-5 Socio-Psychological Background of College Students

Unit-6 Problems of College Students

Unit-7 Higher Education – Management Dimensions

Unit-8 Higher Education Teacher

References:

1. Shills Edward (1989) 'The modern university Liberal Democracy'.
2. Abraham, Abu (1988) The Penguin, Book of Indian cartoons, New Delhi.
3. Chandra, Bipan (1984) Communalism Modern India, New Delhi.
4. Chauhan S.S (1989) Innovations in Teaching Learning Process, New Delhi, Vikas.
5. Srivastva A.B and Sharma K.K (1985) Elementary Statistics in Psychology and Education, New Delhi, Sterling Publishers Pvt. Ltd.,

DEPARTMENT - COMMERCE

Elective Course – EL2.1: Entrepreneurship Development

- **Objective:** To enable the Students to understand about the different aspects of Entrepreneurship Development.
- **Pedagogy:** A Combination of Lectures, Group Discussion, Assignments.
- **Credits:** 2 ; Examination Duration: 1 1/2 and Maximum Marks: 50 (Internal Assessment Marks = 10 and Semester-end Examination =40)

Course Inputs

Block I

- **Unit -1: Entrepreneur and Entrepreneurship:** Introduction - Evolution – Characteristics – Distinction between Entrepreneur and Manager – Functions – Types – Entrepreneur - Concept of Entrepreneurship – Growth of Entrepreneurship in India – Role of Entrepreneurship in Economic Development
- **Unit – 2: Women Entrepreneurship:** Introduction - Concept – Statistical Evidence – New Age Women – Functions – Growth - Problems – Recent trends in Development of Women Entrepreneurship.
- **Unit -3: Rural Entrepreneurship:** Introduction - Meaning – Need – Rural Industrialisation in Retrospect – Problems – Development of Rural Entrepreneurship – NGOs and Rural Entrepreneurship.
- **Unit -4: Conceptual Models of Entrepreneurship:** Introduction - Models of John Kao – Udai Pareek and Nadakarni– NISIET.

Block II

- **Unit – 5: Factors Affecting Entrepreneurial Growth And Competencies:** Introduction - Economic Factors – Non-Economic Factor – Government Actions - Entrepreneurial Competencies: Meaning – Major Entrepreneurial Competencies – Developing Competencies.

- **Unit -6: Entrepreneurial Motivation and Mobility:** Introduction - Motivation – Motivation Theories – Motivating Factors – Achievement Motivation – Factors Influencing Mobility – Occupational Mobility – Locational Mobility.
- **Unit – 7: Entrepreneurship Development Programmes:** Introduction - Need for EDPs - Objectives of EDPs – Course Contents and Curriculum of EDPs – Phases of EDPs – Evaluation of EDPs.
- **Unit -8: Institutional Support System for Entrepreneurship:** Introduction - DICs – SISIs – SIDCOs – NISIET – EDIT – NIESBU – TCOs- A Broad Overview of Central and State Level Financing Institutions.

Books Recommended for Reference

- a. Vasanth Desai, The Dynamics of Entrepreneurial Development and Management, Himalaya Publishing House.
- b. A. N Desai, Entrepreneurship Management, Ashish Publishing House.
- c. Chandra Prasanna, Project Preparation, Appraisal and Implementation, Tata McGraw Hill.
- d. Khanka, S.S, Entrepreneurial Development, S. Chand Publications.
- e. Prasanna Chandra, Projects: Planning, Analysis, Selection, Implementation and Review, Tata McGraw Hill.

DEPARTMENT - MANAGEMENT

E-COMMERCE

Credits: 2

Module 1: E-commerce and its Technological Aspects:

Overview of developments in Information Technology and Defining E-Commerce: The scope of E commerce, Electronic Market, Electronic Data Interchange, Internet Commerce, Benefits and limitations of E-Commerce, Produce a generic framework for E-Commerce, Architectural framework of Electronic Commerce, Web based E Commerce Architecture.

Module 2: Electronic Data Interchange: Benefits of EDI, EDI technology, EDI standards, EDI communications, EDI Implementation, EDI Agreements, EDI Security. Electronic Payment Systems, Need of Electronic Payment System: Study and examine the use of Electronic Payment system and the protocols used, Study Electronic Fund Transfer and secure electronic transaction protocol for credit card payment. Digital economy: Identify the methods of payments on the net – Electronic Cash, cheques and credit cards on the Internet.

References:

1. Elias. M. Awad, " Electronic Commerce", Prentice-Hall of India Pvt Ltd.
2. Ravi Kalakota, Andrew B. Whinston, "Electronic Commerce-A Manager's guide", Addison-Wesley.
3. Efraim Turban, Jae Lee, David King, H.Michael Chung, "Electronic Commerce–A Managerial Perspective", Addison-Wesley.
4. Elias M Award, "Electronic Commerce from Vision to Fulfilment", 3rd Edition, PHI, Judy Strauss, Adel El-Ansary, Raymond Frost, "E-Marketing", 3RDEdition, Pearson Education

DEPARTMENT - BIO CHEMISTRY

Basics of Bioorganic chemistry for Biology graduates.

Introduction to Organic chemistry: Classification of organic compounds, unique characteristics, IUPAC nomenclature of organic compounds (including bifunctional).

Reaction mechanisms: Classification of organic reactions: substitution, addition, elimination and rearrangement with one example for each. Concepts of the following – carbon anions, carbon cations, free radicals, carbenes, nucleophiles and electrophiles.

Cycloalkanes: Reactivities and relative stability, Bayer's strain theory. Sachse-Mohr theory. Boat and chair form of cycloalkanes. Axial and equatorial bonds.

Arenes: Structure of Benzene–resonance and molecular orbital theories. Aromaticity. Mechanism of Nitration and Friedel-Craft's reaction. Electronic interpretation of the orienting influence of substituents in the electrophilic substitution of Toluene, Chlorobenzene, Nitrobenzene and Phenol. Polynuclear hydrocarbons–Resonance structures of Naphthalene, Anthracene and phenanthrene.

S_N1 and S_N2 reactions, mechanism with an example for each. Concept of elimination reactions. Example –n-butyl chloride.

Alcohols: Classification, monohydric, alcohols-distinguishing reactions for primary, secondary and tertiary alcohols.

Trihydric alcohols: Glycerol, Properties, (KHSO₄, HNO₃, Oxalic acid and HI)

Phenols: Acidity of phenols, Effect of substitution on acidity

Stereochemistry: Stereoisomerism, types, Fischer-projection formulae, asymmetric carbon atom, molecular dissymmetry, chirality, optical isomerism: ex. Glyceraldehyde, Lactic acid, Tartaric acid. Nomenclature of enantiomers. D- and L- system, Racemisation and resolution.

Heterogeneous and Homogenous hydrogenation of oils.

Selected References:

1. Basic Principles of Organic Chemistry, Roberts and Caserio, W. A. Benjamin, Inc. (1964).
2. Organic Chemistry, Morrison and Boyd, Allyn and Bacon Inc (1992).
3. Principles of Inorganic chemistry by Cotton & Wilkinson, Wiley (1999).
4. Textbook of Organic chemistry by Ahluwalia V K & Madhuri G Narosa publications (2001).
5. Physical chemistry by Castellan G W, Narosa Publications (2004).
6. Physical chemistry by Chakraborty D K, Narosa Publications (2004).

DEPARTMENT - BIOTECHNOLOGY

MBT EL-2 FUNDAMENTAL OF BIOTECHNOLOGY

Scope and Introduction to Biotechnology History & Introduction to Biotechnology What is Biotechnology? Definition of Biotechnology, Traditional and Modern Biotechnology, Branches of Biotechnology

Plant, Animal Biotechnology, Marine Biotechnology, Agriculture, Healthcare, Industrial Biotechnology, Pharmaceutical Biotechnology, Environmental Biotechnology.

Applications Biotechnology Applications of Biotechnology in Agriculture : GM Food, GM Papaya, GM Tomato, Fungal and Insect Resistant Plants BT Crops, BT Cotton and BT Brinjal Pros and Cons Biotechnological applications in Crop and Livestock Improvements Modifications in Plant Quality Golden Rice, Molecular Pharming, Plant Based Vaccines Ethics in Biotechnology and IPR 15 lectures

Food and Fermentation Biotechnology Food Biotechnology Biotechnological applications in enhancement of Food Quality Unit Operation in Food Processing Quality Factors in Pre processed Food Deterioration and its Control Rheology of Food Products Microbial role in food products Yeast, Bacterial and other Microorganisms based process and products Fermentation Technology Definition, Applications of Fermentation Technology Microbial Fermentations Overview of Industrial Production of Chemicals (Acetic Acid, Citric Acid and Ethanol), Antibiotics, Enzymes and Beverages

Molecular Biology - Replication DNA Replication in Prokaryotes and Eukaryotes Semi-conservative DNA replication, DNA Polymerases and its role, E.coli Chromosome Replication, Bidirectional Replication of Circular DNA molecules. Rolling Circle Replication, DNA Replication in Eukaryotes DNA Recombination – Holliday Model for Recombination Transformation

Mutation and DNA Repair Definition and Types of Mutations. Mutagenesis and Mutagens. (Examples of Physical, Chemical and Biological Mutagens) Types of Point Mutations, DNA REPAIR Photo reversal, Base Excision Repair, Nucleotide Excision Repair, Mismatch Repair, SOS Repair and Recombination Repair.

Genetic Engineering Experimental evidences for DNA and RNA as Genetic Material. Genetic Engineering in Ecoli and other Prokaryotes, Yeast, Fungi and Mammalian Cells Cloning Vectors-Plasmids (pBR 322, pUC) Vectors for Plant and Animal Cells, Shuttle Vectors, YAC Vectors, Expression Vectors Enzymes- DNA Polymerases, Restriction Endonucleases, Ligases, Reverse Transcriptase's, Nucleases, Terminal Transferees, Phosphatases Isolation and Purification of DNA (Genomic, Plasmid) and RNA,, Identification of Recombinant Clones

DEPARTMENT - CHEMISTRY

Block-1	Title: Physical parameters of molecules
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Unit-1	Thermodynamics: First and second laws of thermodynamics. Concept of entropy and free energy, entropy as a measure of unavailable energy. Entropy and free energy changes and spontaneity of process.
Unit-2	Chemical kinetics: Rate and order of reaction. Factor affecting the rate of reaction. And determination Order of reaction. Energy of activation and its determination. Brief account of collision and activated complex theories.
Unit-3	Ionic equilibria: pH scale, buffer solutions, calculation of pH of buffer solutions, buffer capacity and buffer index, buffer mixtures.
Unit-4	Electrochemistry: Electrolytic conductance, specific, equivalent and molar conductance, ionic mobility and transference number, factors affecting the electrolytic conductance, Arrhenius theory of strong and weak electrolytes, assumptions of DebyeHuckel theory of strong electrolytes.

Block-2	Title: Organic molecules
Unit-5	Introduction to organic chemistry, atomic orbitals, sigma and pi bond formation-molecular orbital (MO) method, sp, sp ² and sp ³ hybridization, bond length, bond dissociation energies and bond angles
Unit-6	Electronegativity and polarity of the bonds. Classifications and reactions of organic compounds (with examples).
Unit-7	Biological importance of natural products: Amino acids, proteins, carbohydrates (cellulose, starch, glycogen), lipids (fats and oils, phospholipids), nucleic acids, steroids, alkaloids, vitamins, flavonoids.
Unit-8	Applications of synthetic products: Dyes, drugs, polymers (plastics), soaps and detergents, pesticides and pheromones.

DEPARTMENT – CLINICAL NUTRITION AND DIETETICS

OEL - 2: NUTRACEUTICALS AND HEALTH FOODS

2 Credits

BLOCK 1. NUTRACEUTICALS:

Unit - 1: Introduction to Nutraceutical

Unit - 2: Use of Nutraceuticals in Traditional Health Sciences

Unit – 3: Functional Foods

Unit – 4: Development of Nutraceutical and Functional Foods

BLOCK 2: FUNCTIONAL FOODS AND NUTRACEUTICALS OF PLANT, ANIMAL AND MIRCIBIAL ORIGIN

Unit - 5: Prebiotics and Probiotics

Unit - 6: Bio Active Peptides and Phyto- Chemicals

Unit - 7: Fats and Oils- Omega 3 Fatty Acids:

Unit - 8: Sugar Substitutes / Sweeteners

REFERENCES:

- Tai Hu Guan, (2018), text book of Nutraceuticals and Health, Scitus Academics Publisher, Wilmington DE 19804, United States of America.
- Wildman REC, (2016), Handbook of Nutraceuticals and Functional Foods, 2nd edition, CRC Press publishers, Boca Raton, Florida (USA).
- Athapol Noomhorm, Imran Ahmad, Anil Kumar Anal (2014), Functional Foods and Dietary Supplements Processing, Effects and Health Benefits, first edition, published by John Wiley & Sons, Ltd. UK 111 River Street, Hoboken, NJ 07030-5774, USA
- Wildman REC, (2001) Handbook of Nutraceutical and Functional Foods, CRC Press, USA.
Ghosh D et al, (2012) Innovations in Healthy and Functional Foods, CRC Press, USA. Pathak YV (2011) Handbook of nutraceuticals Volume 2, CRC Press, USA.

DEPARTMENT - COMPUTER SCIENCE

ELMCS- 02: E -Commerce

BLOCK-1

UNIT-1: Overview of developments in Information Technology and Defining E-Commerce: The scope of E commerce, Electronic Market, Electronic Data Interchange, Internet Commerce, Benefits and limitations of E-Commerce, Produce a generic framework for E-Commerce,

UNIT-2: Architectural framework of Electronic Commerce, Web based E Commerce Architecture. Consumer Oriented E Commerce E-Retailing: Traditional retailing and e retailing, Benefits of e retailing,

UNIT-3: Key success factors, Models of e retailing, Features of e retailing. E services: Categories of e-services, Web-enabled services, matchmaking services,

UNIT-4: Information-selling on the web, e entertainment, Auctions and other specialized services. Business to Business Electronic Commerce

BLOCK-2

UNIT-5: Electronic Data Interchange: Benefits of EDI, EDI technology, EDI standards, EDI communications, EDI Implementation, EDI Agreements, EDI Security. Electronic Payment Systems, Need of Electronic Payment System:

UNIT-6: Study and examine the use of Electronic Payment system and the protocols used, Study Electronic Fund Transfer and secure electronic transaction protocol for credit card payment. Digital economy: Identify the methods of payments on the net – Electronic Cash, cheques and credit cards on the Internet.

UNIT-7: Security in E Commerce Threats in Computer Systems: Virus, Cyber Crime Network Security: Encryption, Protecting Web server with a Firewall, Firewall and the Security Policy, Network Firewalls and Application Firewalls, Proxy Server. Issues in E Commerce Understanding Ethical,

UNIT-8: Social and Political issues in E-Commerce: A model for Organizing the issues, Basic Ethical Concepts, Analyzing Ethical Dilemmas, Candidate Ethical Principles Privacy and Information Rights: Information collected at E-Commerce Websites, The Concept of Privacy, Legal protections Intellectual Property Rights: Types of Intellectual Property protection, Governance.

References:

1. Elias. M. Awad, " Electronic Commerce", Prentice-Hall of India Pvt Ltd.
2. RaviKalakota, Andrew B. Whinston, "Electronic Commerce-A Manager's guide", Addison-Wesley.
3. Efraim Turban, Jae Lee, David King, H.Michael Chung, "Electronic Commerce–A ManagerialPerspective", Addison-Wesley.
4. Elias M Award, "Electronic Commerce from Vision to Fulfilment", 3rd Edition, PHI, Judy Strauss, Adel
5. El-Ansary, Raymond Frost, "E-Marketing", 3RDEdition, Pearson Education.

DEPARTMENT - GEOGRAPHY

ELMG –02 Regional Geography of Karnataka (Credits – 2)

Block-1

Physical setting - Location, Administrative divisions, Geology, Physiographic divisions of the Karnataka; Climate and Rivers; Soils and Vegetation; Irrigation in Karnataka, Major Multipurpose River Valley Projects, Major water problems and Issues - Yetthinahole, Linganamakki, Mekedatu, Krishna-Cauvery valley-linking Rivers.

Block-2

Agriculture - Major of Crops: Rice, Jowar, Ragi, Wheat, Oil seeds, Sugarcane, Cotton, Tobacco and Coffee; Minerals Resources - Iron ore, Manganese, Bauxite, Copper, Gold; Major Power Projects - Hydel, Thermal and Atomic Energy power plants; Industries - Cotton Textile, Silk Textile, Sugar, Iron and Steel, Cement and Paper industries, Industrial Regions of Karnataka; Transportation - Roads, Railway, Water way, Ports/Harbors and Airways; Population - growth, distribution and density

References:

1. Directorate of Information and Tourism,
Government of KarnatakaKarnataka State
Gazetteer
2. Mallappa, P., (2014) Geography of Karnataka, Chethana book publishers, Mysuru
3. N.B.K Reddy & G.S. Murthy, (1967) Regional Geography of Mysore State
4. R.P. Misra, (1973) Geography of Mysore
5. Ranganath, (2018) Geography of Karnataka, Mysore Book House, Mysuru

DEPARTMENT - MATHEMATICS

Combinatorics and Graph Theory (ELMM –02) 2 Credits

Block-I: Permutations and Combinations, Pigeon-hole principle, Principle of inclusion and exclusion.

Block-II: Graphs, Vertices of graphs, Walks and connectedness, Degrees, Operations on graphs, Blocks – Cutpoints, bridges, Block graphs and Cutpoint graphs. Trees - Elementary properties of trees,

Books for Reference:

1. C. L. Liu – Elements of Discrete Mathematics, McGraw-Hill, 1986.
2. Kenneth H. Rosen – Discrete Mathematics and its Applications, McGraw-Hill, 2002.
3. F. Harary – Graph Theory, Addition Wesley Reading Mass, 1969.
4. N. Deo – Graph Theory With Applications to Engineering and Computer Science, Prentice Hall of India, 1987.
5. K. R. Parthasarathy – Basic Graph Theory, Tata McGraw-Hill, New Delhi, 1994.
6. G. Chartand and L. Lesniak – Graphs and Diagraphs, wadsworth and Brooks, 2nd Ed.,
7. Clark and D. A. Holton – A First Look at Graph Theory, Allied publishers.
8. D. B. West – Introduction to Graph Theory, Pearson Education Inc.,2001, 2nd Ed.,
9. J. A. Bondy and U. S. R. Murthy – Graph Theory with applications, Elsevier, 1976.

DEPARTMENT - MICROBIOLOGY

Microbes in Sustainable Agriculture and Development

- i. Soil Microbiology: Soil as Microbial Habitat, Soil profile and properties,
 - ii. Soil formation, Diversity and distribution of microorganisms in soil.
 - iii. Microbial Activity in Soil and Green House Gases- Carbon dioxide, methane, nitrous oxide, nitric oxide – production and control
- i. Mineralization of Organic & Inorganic Matter in Soil: Mineralization of cellulose, hemicelluloses, lignocelluloses, lignin and humus, phosphate, nitrate, silica, potassium .
 - ii. Microbial Control of Soil Borne Plant Pathogens: Biocontrol mechanisms and ways, Microorganisms used as biocontrol agents against Microbial plant pathogens, Insects, Weeds.

- iii. Biofertilization, Phytostimulation,
- iv. Bioinsecticides: Plant growth promoting bacteria, biofertilizers – symbiotic (Bradyrhizobium, Rhizobium, Frankia),
- v. Non Symbiotic (Azospirillum, Azotobacter, Mycorrhizae, MHBs, Phosphatesolubilizers, algae),
- vi. Novel combination of microbes as biofertilizers, PGPRs
- i. Secondary Agriculture Biotechnology: Biotech feed, Silage, Biomanure, biogas, biofuels – advantages and processing parameters.
- ii. GM crops: Advantages, social and environmental aspects, Bt crops, golden rice, transgenic animals.

References:

1. Eldor A. Paul. Soil Microbiology. Ecology and Biochemistry. VI Edition: Academic Press, (2007).
2. Eugene L. Madsen. Environmental Microbiology: From Genome to Biogeochemistry. I Edition, Wiley-Blackwell Publishing. (2008).
3. Agrios, G.N. Plant pathology. Harcourt Asia Pvt. Ltd. (2000).
4. Buchanan. B.B., Grissem, W. and Jones, R.L Biochemistry and Molecular Biology of Plants. I.K. International Pvt. Ltd. (2000).
5. Mehrotra R S and Ashok Agrawal. Plant Pathology. Tata Mc Graw Hill ,6th reprint (2006).
6. K. S. Bilgrami, H. C. Dube. A textbook of modern pathology. 6th Edition, Vani Educational Books, a division of Vikas, (1984).
7. K.R. Aneja .Experiments in Microbiology, Plant Pathology and Biotechnology . New Age Publications. 2017

DEPARTMENT - PHYSICS

MP-EL2: Waves and Optics

BLOCK-A:

Unit-1: Superposition of Two Collinear Harmonic oscillations: linearity & superposition principle. (i) Oscillations having equal frequencies and (ii) oscillations having different frequencies (Beats).

Unit-2: Waves Motion- General: Transverse waves on a string, travelling and standing waves on a string, normal modes of a string, group velocity, phase velocity, plane waves, Spherical waves, wave intensity.

Unit-3: Fluids: Surface tension: synclastic and anticlastic surface - excess of pressure - application to spherical and cylindrical drops and bubbles. viscosity - rate flow of liquid in a capillary tube - Poiseuille's formula - determination of coefficient of viscosity of a liquid.

Unit-4: Sound: Simple harmonic motion - forced vibrations and resonance intensity and loudness of sound, intensity levels, musical notes, musical scale,

acoustics of buildings: reverberation and time of reverberation, absorption coefficient, Sabine's formula - measurement of reverberation time.

BLOCK-B:

Unit-5: Wave Optics: electromagnetic nature of light, definition and properties of wave front, Huygen's Principle.

Unit-6: Interference: Interference: division of amplitude and division of wavefront. Young's double slit experiment, interference in thin films: parallel and wedge-shaped films, Newton's Rings: measurement of wavelength and refractive index.

Unit-7: Diffraction: Fraunhofer diffraction- single slit and double Slit, multiple slits and diffraction grating, Fresnel diffraction: half-period zones, zone plate, Fresnel diffraction pattern of a straight edge, a slit and a wire using half-period zone analysis.

Unit-8: Polarization: Transverse nature of light waves, plane polarized light – production and analysis, circular and elliptical polarization.

DEPARTMENT -PSYCHOLOGY

EL-2 Psychology in Everyday Life 2 Credits

Block 1: Applications of Psychology-I

Unit 1: Psychology as a Profession

Unit 2: Memory Improving Techniques

Unit 3: Stress and Emotional Management

Unit 4: Personality Development

Block 2: Applications of Psychology-II

Unit 5: Psychology in Educational Settings

Unit 6: Psychology in Health Setting

Unit 7: Psychology in Organizational Setting

Unit 8: Adjustment to Family and Work Place

References:

1. Charles G.Morris. Albert A. Maisto Psychology an Introduction , Prentice Hall. New Jersey.
2. Feldman, A. R., Understanding Psychology IV th Ed, 1996, McGraw Hill, New Delhi.
3. Morgan, King, Weisz & Schopler, Introduction to Psychology-V11 Ed, 1993, Tata McGraw Hill, New Delhi.
4. Ernest R Hilgard, Richard C Atkinson , Rita L Atkinson Introduction to Psychology Oxford Publication, New Delhi.

DEPARTMENT -INFORMATION TECHNOLOGY

ELMIT –02 E-Commerce (2 Credits)

Block 1: Fundamentals of E-commerce

Unit 1 : Introduction to E-commerce

What Is E-commerce? The Difference Between E-commerce and E-business, Technological Building Blocks Underlying E-commerce: the Internet, Web, and Mobile Platform, Major Trends in E-commerce, Unique Features of E-commerce Technology

Unit 2 : Types of E-commerce:

Business-to-Consumer (B2C) E-commerce, Business-to-Business (B2B) E-commerce. Consumer-to-Consumer (C2C) E-commerce, Mobile E-commerce (M-commerce), Social E-commerce, Local E-commerce E-commerce: A Brief History, Understanding E-commerce: Organizing Themes, Academic Disciplines Concerned with E-commerce

Unit 3 : E-Commerce Infrastructure

The Internet, Technology Background , Internet – Key Technology concepts, TCP/IP, IP addresses, Domain names, DNS and URLs, Client Server Computing, Cloud computing model, Mobile platform

Unit 4 : Internet and Web

Hypertext, HTML, XML, Web servers and clients, Web browsers, Communication tools – E mail, messaging apps, online message boards, Internet Telephony

Block 2: Construction of E-commerce presence

Unit 5: E-commerce presence – Building an e-commerce idea, Systematic approach, Choosing software and hardware, E-commerce site tools

Unit 6: E-commerce security E-commerce System environment, Security threats, Technology solutions

Unit 7: E-commerce payment systems : Management policies, E-commerce payment systems, Electronic billing presentment and payment

Unit 8: E-commerce Business Strategies : E-commerce business models, Major B2C Business models, B2B Business models,

References:

1. Laudon, Kenneth C., and Carol Guercio Traver. *E-Commerce 2020-2021*. Pearson, 2020.
2. Laudon, Kenneth C., and Carol Guercio Traver. *E-commerce Essentials*. Pearson, 2014

DEPARTMENT - BOTANY

Plant Diversity and Human Welfare

Plant Diversity and its Scope Levels of biodiversity: Genetic, Species and Ecosystem; Agrobiodiversity and cultivated plant taxa and related wild taxa.

Values and uses of Biodiversity, Methodologies for valuation, Ethical and aesthetic values, Uses of plants; Ecosystem services.

Loss of Biodiversity Loss of biodiversity- causes and implications, Hot spots of biodiversity, extinction of species, projected scenario for biodiversity loss.

Management of Plant Biodiversity Organizations associated with biodiversity management, IUCN, UNEP, WWF, UNESCO, NBPGR; Methodology for execution;

Biodiversity legislation; Information management and communication.

Conservation of Biodiversity, Role of Plants in Relation to Human Welfare
Conservation of genetic, species and ecosystem diversity,

In situ and ex situ conservation strategies, India's biodiversity and its conservation Social approaches to conservation,

Biodiversity awareness programmes, Sustainable development.

Importance of forestry their utilization and commercial aspects; Avenue trees; Ornamental plants of India; Alcoholic beverages; Fruits and nuts; Wood and its uses; their commercial importance.

References

1. Krishnamurthy, K.V. (2004). An Advanced Text Book of Biodiversity - Principles and Practices. Oxford and IBH Publications Co. Pvt. Ltd. New Delhi
2. Singh, J.S., Singh, S.P. and Gupta, S. (2006). Ecology Environment and Resource Conservation. Anamaya Publications, New Delhi, India.
3. Reddy, K.V. and Veeraiah, S. (2010). Biodiversity and Plant Resources. Aavishkar publication, New Delhi.
4. Heywood, V. H. and Watson, R. T. (1995). Global biodiversity and Assessment. Cambridge University Press.

DEPARTMENT –FOOD AND NUTRITION SCIENCE

OEL-2: NUTRITIONAL MANAGEMENT IN DISASTER CONDITIONS

BLOCK- I: NATURAL / MANMADE DISASTERS

Unit-1: Emergency Situations-Famine, Drought, Flood, Earthquake, Cyclone, War, Civil and Political Emergencies.

Unit-2: Nutrition in Emergencies, Nutritional Problems and Communicable Diseases.

Unit-3: Feeding Programs during Emergencies.

Unit-4: Assessment and monitoring of Nutritional Status and relief measures during emergencies.

BLOCK- I: NUTRITIONAL RELIEF AND REHABILITATION

Unit-5: Assessment of Food needs in emergency situations, Food Distribution Strategy, Local food rehabilitation.

Unit-6: Special Foods/ Rations for Nutritional Relief, Organizations for Mass Feeding/ Food Distribution, and Supplementary Feeding.

Unit-7: Transportation, Storage, Feeding Centres, Sanitation, Hygiene and Identifying Reaching the Vulnerable Group.

Unit-8: Public Nutrition Approach to Tackle Nutritional and Health Problems in Emergencies, food security.

REFERENCES:

Jaspars, S. & Young, H. (1996), General Food Distribution in Emergencies: from Nutritional Needs to Political Priorities. Good Practice Review 3. 1996. Relief and Rehabilitation Network, Overseas Development Institute. London.

Young H., Jaspars S., Brown R., Frize J. & Khogali H (2001), Food Security and Assessments in Emergencies: A Livelihoods Approach. Humanitarian Practice Network, Overseas Development Institute. London