

BOTANY

Lecture Plan-2021 - 2022							
Name of the college: Parvatibai Chowgule College of Arts and Science, Gogol Margao-Goa							
Name of Faculty: Dr. Uma Masur				Subject: Botany			
Paper code: BOT-I.C-2				Program: FY BSc		Division: A	
Academic year: 2021 - 2022				Semester: I		Total Lectures: 45	
Course Objectives: This course will provide a detailed discussion on a wide range of topics in Cell biology & Bio-molecules emphasizing experimental approaches and key experiments that have provided important insights.							
Expected Course Outcome: The course is aimed at conveying an understanding of how cellular structure and function arise as a result of the properties of cellular macromolecules. Emphasis will be on the dynamic nature of cellular organization, structure and function.							
Student Learning Outcome: Upon successful completion of the course, students will be able: CO 1: Recognise, classify cell, explain cell theory, evolution and biogenesis CO 2: Define, describe, classify and explain cytoskeleton, cell organelle, biomolecules. CO 3: Define, describe, compare, explain, illustrate cell wall and plasma membrane CO 4: Predict and interpret the importance of cell							
Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
September	08-09-2021	08-10-2021	15	Module I: Introduction to Cell, Ultra-structure		Google meet/Power	Verma P.S. and Agarwal V. K., Cell

					<p>and Function of Cell Wall and Plasma Membrane</p> <p>Topic 1: Discovery and basic properties of cells. Prokaryotic and Eukaryotic cell; Cell theory Cell evolution and biogenesis</p> <p>Topic 2: Structure and functions of cytoskeleton; Structure and function of Microtubule, Intermediate filaments, Microfilaments Structure and function of cell wall;</p> <p>Topic 3: Chemical composition of cell wall; Extracellular matrix and cell interactions; Gap - Junctions & plasmodesmata</p> <p>Topic 4: Structure and function of plasma membrane; Active and Passive transport of solute (channels & pumps); Cell signaling-molecules and receptors, signaling network</p>	<p>SAQ's for every presentation.</p> <p>Green Sea slug discussion</p> <p>Drawing of Plasma membrane</p> <p>Module 1 Quiz</p>	<p>point presentation/ Moodle LMS</p>	<p>Biology, Genetics, Molecular Biology, Evolution and ecology. Edn.14. Karp G., Cell and molecular biology. Concepts and experiments.2nd Ed. John Wiley and Sons.USA. Patil C R., Botany BSc part-I Paper-II. Phadke Prakashan, Kolhapur http://library.thinkquest.org/C004535/media/cell_wall.gif http://kentsimmons.uwinnipeg.ca/cm1504/Image120.gif</p>
	October	08-10-2021	15-11-2021	15	Module II: Study of Cell Organelles	SAQ's for every presentation	Google meet/Power point	Verma P.S. and Agarwal V. K., Cell Biology, Genetics,

						<p>presentation/ Moodle LMS</p> <p>Model making</p> <p>Module 2 Quiz</p>	<p>Molecular Biology, Evolution and ecology. Edn.14. Karp G., Cell and molecular biology. Concepts and experiments.2nd Ed. John Wiley and Sons.USA. Patil C R., Botany BSc part-I Paper-II. Phadke Prakashan, Kolhapur http://library.thinkquest.org/C004535/media/cell_wall.gif http://kentsimmons.uwinnipeg.ca/cm1504/Image120.gif</p>

					<p>Topic I: The Cell Organel studies- Chloroplast, Mitochondria, Structural organization and functions, Semiautonomy and gene control;</p> <p>Topic 2: Structure & functions of peroxisome, glyoxysome & lysosomes</p> <p>Topic 3: Nucleus and its Organization; Nuclear envelope, nuclear pore complex Nuclear matrix, Chromosomes and chromatin structure Structure and function of ribosome</p> <p>Topic 4: Endomembrane systems- Endoplasmic reticulum and Golgi complex</p>			
	November- Dec- Jan	15-11-2021	10-01-2022		<p>Module III: BIOCHEMISTRY OF CARBOHYDRATES, LIPIDS AMINO ACIDS AND PROTEINS</p> <p>Topic 1: Definition & importance of biomolecules; types of bonds in bio-molecules;</p> <p>SAQ Module 3 Quiz</p>			<p>1.Verma P.S. and Agarwal V. K., Cell Biology, Genetics, Molecular Biology, Evolution and ecology. Edn.14.</p> <p>2.Karp G., Cell and molecular biology. Concepts and experiments.2nd Ed.</p>

					pH and buffers ; Water as a biological solvent Topic 2: Classification and biological functions of carbohydrates and lipids Topic 3: Classification and biological functions of amino acids and proteins			John Wiley and Sons.USA. 3.Patil C R., Botany BSc part-I Paper-II. Phadke Prakashan, Kolhapur 4. U. Satyanarayana and U. Chakrapani. (2000).Biochemistry, 4 th edition., Elsevier Pub.Kolkata. http://library.thinkquest.org/C004535/med/ia/cell_wall.gif http://kentsimmons.uwinnipeg.ca/cm1504/Image120.gif
		Component	Max Marks					
		CA 1	15					
		CA 2	15					
		CA 3	15					
		Practical 1	25					
		Practical 2	25					
		Practical 3	25					
		Semester End Exam	45					

Assessment Rubrics

EXAM	ACTIVITY				MARKS
Continuous Assessment 1 Written Test	Short answer type questions- 6 marks (two marks each) Big answer type question- 9 marks (3 marks each)				15 marks # 30 marks
Continuous Assessment II Model making/Presentation/ Poster	Model making/Presentation/ E- Poster Composition and depth/Content- 10 marks Skill – 2.5 marks Viva voce- 2.5 marks				15 marks# 30 marks
Continuous Assessment III Assignment	Write-up Bibliography Plagiarism check - 10 Marks Viva voce- 5 Marks				15 marks #30 marks
					CA- total – 30 marks
SEE	Question 1	Question 2	Question 3	Question 4	
	(Answer any three of four) 3 Marks each	(Answer any two of three) 6 marks each	(Answer any two of three) 6 marks each	(Answer any one of two) 12 marks	45 marks
					Theory total – 75 Marks

Lecture Plan-2021 - 2022

Name of the college: Parvatibai Chowgule College of Arts and Science, Gogol Margao-Goa

Name of Faculty: Dr. Uma Masur

Subject: Botany

Paper code: BOT-V.E-11

Program: TY BSc

Division: A

Academic year: 2021 - 2022

Semester: V

Total Lectures: 45

Course Objectives: To enable the students to learn and understand the fundamental knowledge, techniques & skills in plant drug industry, drug discovery and development.

Expected Course Outcome:

he fundamental knowledge, techniques & skills in plant drug industry, drug discovery and development.

Student Learning Outcome: Upon successful completion of the course, students will be able to:

- Explain, discuss and classify medicinal plants, plant drug and technology
- Explain and illustrate, biosynthetic pathways, bioassays and working of instruments
- Discuss and compare methods of extraction and analysis of phytochemicals.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
September	03-09-2021	08-10-2021	15	MODULE I: INTRODUCTION	SAQ, MCQ	Google meet/Power point	Agarwal and Paridhavi (2012).Herbal Drug

			<p>Topic 1: Introduction to plant drug technology and Pharmacognosy</p> <p>Topic 2: Classification of drugs: morphological, chemical and pharmacological.</p> <p>Topic 3: Biosynthesis of alkaloids. Metabolic pathways of selected plants (from <i>Ocimum sanctum</i> and <i>Rauwolfia</i>). of plant drugs.</p> <p>Topic 4: Identification of marker compounds in the formulations. Bioassays, Fingerprint and identification</p>	<p>presentation/ Moodle LMS</p>	<p>Technology . Second edition. Universities Press (India) Private Limited 3-6-747/1/A & 3-6-754/1, Himayatnagar, Hyderabad 500 029 (A.P.), INDIA</p> <p>Leland, J. C. (2006). <i>Natural Products from Plants</i>. New York: Taylor and Francis.</p> <p>Harborne, J. B. (2010). <i>Phytochemical Methods</i>. New Delhi: Springer International edition.</p> <p>Mammen, D. (1991). <i>Methods in Plant Chemistry and Economic Botany</i>. New Delhi: Kalyani publishers.</p> <p>Kumar, G. S., & Jayaveera, K. N. (2014). <i>A Textbook of Pharmacognosy and Phytochemistry</i>. New Delhi: S. Chand & Company Pvt. Ltd.</p>
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October	15-11-2021	10-01-2022	15	<p>MODULE II: CULTIVATION, COLLECTION AND CONSTITUENTS.</p> <p>Topic 1: ROOTS/ RHIZOME: <i>Rauwolfia</i> and <i>Curcuma</i></p> <p>LEAVES: <i>Adathoda</i> and <i>Ocimum</i></p> <p>SEEDS: Fenugreek and Nutmeg</p> <p>FRUITS: Coriander and Senna pod</p> <p>FLOWERS: Clove and Rose</p>	SAQ, MCQ	<p>Agarwal and Paridhavi (2012). <i>Herbal Drug Technology</i>. Second edition. Universities Press (India) Private Limited 3-6-747/1/A & 3-6-754/1, Himayatnagar, Hyderabad 500 029 (A.P.), INDIA</p> <p>Leland, J. C. (2006). <i>Natural Products from Plants</i>. New York: Taylor and Francis.</p> <p>Harborne, J. B. (2010). <i>Phytochemical Methods</i>. New Delhi: Springer International edition.</p> <p>Mammen, D. (1991). <i>Methods in Plant Chemistry and Economic Botany</i>. New Delhi: Kalyani publishers.</p> <p>Kumar, G. S., & Jayaveera, K. N.</p>
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							(2014). <i>A Textbook of Pharmacognosy and Phytochemistry</i> . New Delhi: S. Chand & Company Pvt. Ltd.
November- Dec- Jan	08-10-2021	15-11-2021		<p>MODULE III: PHYTOCHEMICAL S (EXTRACTION AND ANALYSIS) Topic 1: Extraction methods and principles. Traditional and modern techniques</p>	SAQ, MCQ		<p>Agarwal and Paridhavi (2012). <i>Herbal Drug Technology</i>. Second edition. Universities Press (India) Private Limited 3-6-747/1/A & 3-6-754/1, Himayatnagar, Hyderabad 500 029 (A.P.), INDIA</p>

Topic 2: Methods of Characterization: NMR, MS, UV-Vis, GC-MS, LC-MS

Topic 3: Analysis of Pigments, Phenolics, Flavonoids and Alkaloids.

Leland, J. C. (2006). *Natural Products from Plants*. New York: Taylor and Francis.

Harborne, J. B. (2010).

Phytochemical Methods. New Delhi: Springer International edition.

Mammen, D. (1991). *Methods in Plant Chemistry and Economic Botany*. New Delhi: Kalyani publishers.

Kumar, G. S., & Jayaveera, K. N. (2014). *A Textbook of Pharmacognosy and Phytochemistry*. New Delhi: S. Chand & Company Pvt. Ltd.

Component	Max Marks
CA 1	15
CA 2	15
CA-3	15
Practical 1	25
Practical 2	25

Practical 3	25
Project	100
Semester End Exam	45

Assessment Rubrics- Plant drug technology and pharmacognosy

TYBSc 2021-22

Sr. No.	METHODS
1.	Traditional Lecture Method (Online) till further notice
2.	Interactive Lecture Method (Online)
3.	Student Presentation (Online)
4.	Discussion
5.	Experiential Learning
6.	Activity based learning- SAQ, MCQ

Assessment Methodology

EXAM	ACTIVITY	MARKS
Continuous Assessment 1 Written Test	Short answer type questions- 6 marks (two marks each) Big answer type question- 9 marks (3 marks each)	15 marks # 30 marks

Continuous Assessment II Model making/Presentation/Poster	Model making/Presentation/ E- Poster Composition and depth/Content- 10 marks Skill – 2.5 marks Viva voce- 2.5 marks				15 marks# 30 marks
Continuous Assessment III Assignment	Write-up Bibliography Plagiarism check - 10 Marks Viva voce- 5 Marks				15 marks #30 marks
					CA- total – 30 marks
SEE	Question 1	Question 2	Question 3	Question 4	
	(Answer any three of four) 3 Marks each	(Answer any two of three) 6 marks each	(Answer any two of three) 6 marks each	(Answer any one of two) 12 marks	45 marks
					Theory total – 75 Marks

Practical Plan-2021 - 2022				
Name of the college: Parvatibai Chowgule College of Arts and Science, Gogol Margao-Goa				
Name of Faculty: Dr. Uma Masur		Subject: Botany		
Paper code: BOT-V.E-11		Program: TY BSc	Division: A	
Academic year: 2021 - 2022		Semester: V	Total Practicals/Labs: 15	
Cre dits:	1			
Course Objectives: To enable the students to learn and understand the fundamental knowledge, techniques & skills in plant drug industry, drug discovery and development.				
Expected Course Outcome: Fundamental knowledge, techniques & skills in plant drug industry, drug discovery and development.				
Student Learning Outcome: Upon successful completion of the course, students will be able to: <ul style="list-style-type: none"> • Explain, discuss and classify medicinal plants, plant drug and technology • Explain and illustrate, biosynthetic pathways, bioassays and working of instruments • Discuss and compare methods of extraction and analysis of phytochemicals. 				

	Month	Practicals/Labs Scheduled Date	No. of Practicals/Labs planned	List of Experiments	Reference books
	September	20-09-2021 20-09-2021	Isolation of alkaloids and Phenolics	02	Plummer D. T. (1985). An introduction to Practical Biochemistry 2 nd edition. Tata Mcgraw Hill Publishing company Ltd. Bajpai P.K.(2006). Biological instrumentation and methodology. S. Chand and Company ltd. Leland, J. C. (2006). <i>Natural Products from Plants</i> . New York: Taylor and Francis. Harborne, J. B. (2010). <i>Phytochemical Methods</i> . New Delhi: Springer International edition. Mammen, D. (1991). <i>Methods in Plant Chemistry and Economic Botany</i> . New Delhi: Kalyani publishers.
		21-09-2021	Test for alkaloids: Mayer's, Wagner's, Dragendorff's reagent	01	"
		27-09-2021 28-09-2021 28-09-2021	Anatomical study of <i>Nux vomica</i> seeds, Senna leaf & its medicinal properties	03	
		4-10-2021 4-10-2021	Anatomical study of <i>Nux vomica</i> seeds, Ginger, Citronella leaf, Senna leaf & its medicinal properties Histochemical tests for Oils And Fats – Castor seed/ <i>Eucalyptus</i> Citrus	02	
		5-10-2021	Microchemical test of Arum / <i>Colocasia</i> leaves for observation of Calcium oxalate crystals.	01	

	11-10-2021	PA-1		
	18-10-2021 25-10-2021	Disc diffusion for antimicrobial assay	02	
	08-11-2021	PA-2		"
	15-11-2021	MIC evaluation for antimicrobial assay	02	
	22-11-2021 29-11-2021	Mini project Adulteration of crude drugs	02	"
	06-12-2021	PA 3		

			Lecture Plan-2021 - 2022				
	Name of the college: Parvatibai Chowgule College of Arts and Science, Gogol Margao-Goa						
	Name of Faculty: Dr. Uma Masur			Subject: Botany			
	Paper code: BOT-II. C-3			Program: FY BSc		Division: A	
	Academic year: 2021 - 2022			Semester: II		Total Lectures: 45	
	Course Objectives: This paper deals to understand the plant anatomy and embryology of angiospermic plant. Importance of studying this paper is highlighted reflecting on the current changing needs of the students by providing latest information. Practical component will provide an ample understanding of anatomical and embryological features.						
	Expected Course Outcome: Define, describe and explain the basic plant anatomical and embryological features, Compare the interrelatedness of organ-systems and their functions, Examine the features through histological technique, theories in organization of tissues						
	Student Learning Outcome: Upon successful completion of the course, students will be able: Define, describe and explain the basic plant anatomical and embryological features Compare the interrelatedness of organ-systems and their functions Examine the features through histological techniques. Define, describe, explain, compare theories in organization of tissues						

	Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/Assignment	ICT Tools	Reference books
	March	02-03-2022	1-04-2022	15	<p>MODULE I: SHOOT, ROOT AND LEAF ANATOMY</p> <p>Organization of Shoot apical meristem</p> <p>Apical cell theory,</p> <p>Histogen theory,</p> <p>Tunica-Corpus theory,</p> <p>Cyto-histological zonation.</p> <p>Organization of root apical meristem</p> <p>Korper-Kappe theory,</p> <p>Quiescent centre.</p> <p>Anatomy of leaf: epidermis, mesophyll and vascular tissue</p> <p>Stomata and its diversity, leaf</p>	SAQ, MCQ	Online, GC,	<p>Esau, K. (1977). <i>Plant Anatomy</i>, 2nd Edition. Wiley Eastern Private Limited. New Delhi.</p> <p>Fahn, A. (1982). <i>Plant Anatomy</i> (3rd edition). Pergoman Press, Oxford.</p> <p>Mauselth, J.D. (1988). <i>Plant Anatomy</i>. The Benjamin Cummings Publishing Co. Inc., Mehlo Park, California, USA.</p> <p>Pandey, B.P. (1981). <i>A textbook of Botany Angiosperms</i>. S. Chand and Co., New Delhi.</p> <p>Pandey, B.P. (1978). <i>Plant Anatomy</i>, S. Chand</p>

					abscission			and Co., New Delhi.
April	08-04-2022	05-05-2022	15	MODULE II: WOOD STRUCTURE Vascular cambium, Secondary xylem, Xylary elements Secondary phloem, Phloem elements and Periderm Conifer wood, Dicotyledon wood, wood anatomy-TS, TLS, RLS.	SAQ, MCQ	Online references, Reserach Papers, GC	Esau, K. (1977). <i>Plant Anatomy</i> , 2 nd Edition. Wiley Eastern Private Limited. New Delhi. Fahn, A. (1982). <i>Plant Anatomy</i> (3rd edition). Pergoman Press, Oxford. Mauselth, J.D. (1988). <i>Plant Anatomy</i> . The Benjamin Cummings Publishing Co. Inc., Mehlo Park, California, USA. Pandey, B.P. (1981). <i>A textbook of Botany Angiosperms</i> . S. Chand and Co., New Delhi. Pandey, B.P. (1978). <i>Plant Anatomy</i> , S. Chand and Co., New Delhi.	

	May	13-05-2022	17-06-2022	15	Module III: Reproductive biology, Pollination and fertilization Floral development: ABC model of flowering Structure and development of male gametophyte- Microsporangium Microsporogenesis & Pollen grains Structure and development female gametophyte – Megasporangium, Megasporogenesis, Forms of ovule- Monosporic, bisporic and Tetrasporic	SAQ,MCQ	Online references, Reserach Papers, GC	Bhojwani, S. S and Bhatnagar, S.P. (2009). <i>The Embryology of Angiosperms</i> , Vikas Publishing House Pvt. Ltd., New Delhi. Dwivedi. J.N. (1988). <i>Embryology of Angiosperms</i> . Rastogi and Co. Meerut. Maheswari, P. (1971). <i>An Introduction to the Embryology of Angiosperms</i> . Tata McGraw
		Component	Max Marks					
		CA 1 written test	15					
		CA 2 Poster	15					

		presentation						
		CA 3 Assignment	15					
		Practical 1	25					
		Practical 2	25					
		Practical 3	25					
		Semester End Exam	45					

Assessment Rubrics

EXAM	ACTIVITY				MARKS
Continuous Assessment 1 Written Test	Short answer type questions- 6 marks (two marks each) Big answer type question- 9 marks (3 marks each)				15 marks # 30 marks
Continuous Assessment II Model making/Presentation/ Poster	Model making/Presentation/ E- Poster Composition and depth/Content- 10 marks Skill – 2.5 marks Viva voce- 2.5 marks				15 marks# 30 marks
Continuous Assessment III Assignment	Write-up Bibliography Plagiarism check - 10 Marks Viva voce- 5 Marks				15 marks #30 marks
					CA- total – 30 marks
SEE	Question 1	Question 2	Question 3	Question 4	
	(Answer any	(Answer any two	(Answer any two	(Answer any one	45 marks

	three of four) 3 Marks each	of three) 6 marks each	of three) 6 marks each	of two) 12 marks	
					Theory total – 75 Marks

Practical Plan-2021 - 2022					
Name of the college: Parvatibai Chowgule College of Arts and Science, Gogol Margao-Goa					
Name of Faculty: Dr. Uma Masur			Subject: Botany		
Paper code: BOT-II. C-3			Program: FY BSc		Division: A
Academic year: 2021 - 2022			Semester: II		Total Practicals/Labs: 15
Credits:	1				
<p>Course Objectives: This paper deals to understand the plant anatomy and embryology of angiospermic plant. Importance of studying this paper is highlighted on the current changing needs of the students by providing latest information. Practical component will provide an ample understanding of anatomical and embryological features.</p>					

Expected Course Outcome: Define, describe and explain the basic plant anatomical and embryological features, Compare the interrelatedness of organ-systems their functions, Examine the features through histological technique, theories in organization of tissues				
Student Learning Outcome: Upon successful completion of the course, students will be able: Define, describe and explain the basic plant anatomical and embryological features Compare the interrelatedness of organ-systems and their functions Examine the features through histological techniques. Define, describe, explain, compare theories in organization of tissues				
Month	Practicals/Lab s Scheduled Date	No. of Practicals/Labs planned	List of Experiments	Reference books
March-April	11-03-2022 18-03-2022 25-03-2022 1-04-2022 8-04-2022	05	1. Study of simple and complex tissues by using permanent slides/ EM graphs. 2. Microscopic study of wood tissues in T.S, T.L.S. and R.L.S. (permanent slides)and maceration (Any one species)1 3. PA-1	Esau, K. (1977). <i>Plant Anatomy</i> , 2 nd Edition. Wiley Eastern Private Limited. New Delhi. Fahn, A. (1982). <i>Plant Anatomy</i> (3rd edition).Pergoman Press, Oxford. Mauselth, J.D. (1988). <i>Plant Anatomy</i> . The Benjamin Cummings Publishing Co. Inc., Mehlo Park, California, USA.

				<p>Pandey, B.P. (1981). <i>A textbook of Botany Angiosperms</i>. S. Chand and Co., New Delhi.</p> <p>Pandey, B.P. (1978). <i>Plant Anatomy</i>, S. Chand and Co., New Delhi.</p>
April-May	<p>15-04-2022 22-04-2022</p> <p>29-04-2022 6-05-2022 13-05-2022</p>	05	<p>4. Mini Project- Study of diversity in leaf anatomy, stomata and female gametophyte exhibiting self-incompatibility.</p> <p>5. Study of Meristems, Microsporogenesis and Megasporogenesis through permanent slides</p> <p>6. Embryo and Endosperm with haustoria mounting (<i>Tridax/ Cucurbit</i>).</p> <p>PA-2</p>	<p>Bhojwani, S. S and Bhatnagar, S.P. (2009). <i>The Embryology of Angiosperms</i>, Vikas Publishing House Pvt. Ltd., New Delhi.</p> <p>Dwivedi. J.N. (1988). <i>Embryology of Angiosperms</i>. Rastogi and Co. Meerut.</p> <p>Esau, K. (1977). <i>Plant Anatomy</i>, 2nd Edition. Wiley Eastern Private Limited. New Delhi.</p> <p>Fahn, A. (1982). <i>Plant Anatomy</i> (3rd edition). Pergoman Press, Oxford.</p> <p>Mauselth, J.D. (1988). <i>Plant Anatomy</i>. The Benjamin Cummings</p>

					<p>Publishing Co. Inc., Mehlo Park, California, USA.</p> <p>Maheswari, P. (1971). <i>An Introduction to the Embryology of Angiosperms</i>. Tata McGra</p> <p>Pandey, B.P. (1981). <i>A textbook of Botany Angiosperms</i>. S. Chand and Co., New Delhi.</p> <p>Pandey, B.P. (1978). <i>Plant Anatomy</i>, S. Chand and Co., New Delhi.</p>
May- June	20-05-2022 27-05-2022 03-06-2022 10-06-2022 17-06-2022	05	<p>7. In vitro growth of pollen tube in <i>Portulaca/ Vinca</i>.</p> <p>8. Pollen studies: Chitaley's method for analysis in <i>Ipomoea, Ocimum, Hibiscus, Acacia auriculiformis</i> and Gras</p> <p>PA-3</p> <p>Marks Compilation</p>	<p>Bhojwani, S. S and Bhatnagar, S.P. (2009). <i>The Embryology of Angiosperms</i>, Vikas Publishing House Pvt. Ltd., New Delhi.</p> <p>Dwivedi. J.N. (1988). <i>Embryology of Angiosperms</i>. Rastogi and Co. Meerut.</p> <p>Maheswari, P. (1971). <i>An Introduction to the Embryology of</i></p>	

Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts & Science, Margao							
Name of Faculty: Dr. Uma Masur				Subject: Botany			
Paper code: BOT-VLE-13			Program/Course: T.Y B.Sc.			Division: A	
Academic year: 2021-22			Semester: VI			Total Lectures: 45	
Course Objectives: To develop the plant tissue culture skills.							
Course Learning Outcome: CO1: Explain and discuss the general theoretical backgrounds and practical techniques. CO2: Describe, define, explain/ discuss, compare, concept of differentiation and culture types. CO3: Define, describe, explain/ discuss the techniques in PTC in media preparation, sterilization, callus culture and organogenesis CO4: Describe, explain, discuss applications in forestry, agriculture, etc.							
Month	Lectures From:	To:	No. of lectures allotted/ module	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
March- April	08/03/2022	08/04/2022	15	MODULE – I: INTRODUCTION AND DIFFERENTIATION Scope and history of plant tissue culture, Laboratory organization. Culture techniques – Sterilization methods of glasswares, Explant preparation, sterilization, media composition and preparation. Cellular differentiation and totipotency; effect of growth regulators on	CO1,2,3,4	Google classroom/Power point presentation Google meet Video links Lecture notes References E books	Bhojwani, S.S. 1990. Plant Tissue Culture: Applications and Limitations. Elsevier Science Publishers, New York,USA. Kumar, U. (1999).

				differentiation.			<p><i>Methods in Plant Tissue Culture.</i> Jodhpur: Agrobios(India). Razdan, M. K. (2002). <i>Introduction to Plant Tissue Culture.</i> New Delhi: Oxford & IBH Publishing Co. Pvt.Ltd. Satyanarayana U.(2013). Biotechnology. Books and allied (P)Ltd. Vasil, I.K. and Thorpe, T.A. 1994. Plant Cell and Tissue Culture. Kluwer Academic Publishers, TheNetherlands.</p>
April	08 th April 2022			CA-1 Assignment on Explain and discuss the general theoretical backgrounds, practical techniques, compare concept of differentiation, media preparation, sterilization in PTC	CO1,2,3		
April- May	11 th April		15	MODULE – II:	CO1,2,3	Google	Bhojwani, S.S.

		11 th May		<p>CULTURE TYPES AND TECHNIQUES IN TISSUE CULTURE Cell culture types- callus, single cell and suspension culture Organogenesis and embryogenesis; Somaclonal variation; meristem Micropropagation, Germplasm conservation; Isolation and regeneration of protoplasm; Somatic hybridization, Synthetic seeds, Cryopreservation, secondary metabolite production.</p>		classroom/Power point presentation Video links Lecture notes References E books	1990. Plant Tissue Culture: Applications and Limitations. Elsevier Science Publishers, New York,USA. Kumar, U. (1999). <i>Methods in Plant Tissue Culture</i> . Jodhpur: Agrobios(India). Razdan, M. K. (2002). <i>Introduction to Plant Tissue Culture</i> . New Delhi: Oxford & IBH Publishing Co. Pvt.Ltd. Satyanarayana U.(2013). <i>Biotechnology. Books and allied (P)Ltd.</i> Vasil, I.K. and Thorpe, T.A. 1994. <i>Plant Cell and Tissue Culture</i> . Kluwer Academic Publishers,
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							TheNetherlands.
April- May	11 th April	11 th May		CA-2 Presentation Every Monday Describe, explain, discuss applications of PTC types (Callus, Organogenesis, embryogenesis, Somaclonal variation, meristem culture, Micropropagation in 1.Horticulture, 2. forestry, 3. Agriculture	CO2, CO3, CO4		
May- June	11/05/2021	11/06/2021		MODULE- III: APPLICATION OF PLANT TISSUE CULTURE Horticulture Agriculture Forestry		Google classroom/Power point presentation Google meet Video links Lecture notes References E books	Bhojwani, S.S. 1990. Plant Tissue Culture: Applications and Limitations. Elsevier Science Publishers, New York,USA. Kumar, U. (1999). <i>Methods in Plant Tissue Culture.</i> Jodhpur: Agrobios(India). Razdan, M. K. (2002). <i>Introduction to Plant Tissue</i>

							<i>Culture</i> . New Delhi: Oxford & IBH Publishing Co. Pvt.Ltd. Satyanarayana U.(2013). <i>Biotechnology. Books and allied (P)Ltd.</i> Vasil, I.K. and Thorpe, T.A. 1994. <i>Plant Cell and Tissue Culture</i> . Kluwer Academic Publishers, The Netherlands.
June	12/05/2021	17/06/2021		Revision			
June	15 th June 2022			CA-3 Describe, define, explain/ discuss, compare, concept of culture types. callus culture, organogenesis and embryogenesis; Somaclonal variation; meristem culture, Micropropagation, Germplasm conservation; Isolation and regeneration of protoplasm; Somatic hybridization, Synthetic seeds,	CO1,CO2, CO3		

		Component	Max Marks					
		CA 1 Assignment	15					

		CA 2 Oral Presentation	15						
		CA 3 written	15						
		Practical 1	25						
		Practical 2	25						
		Practical 3	25						
		Semester End Exam	45						

Assessment Rubrics: All componenets of CA are necessary to answer

EXAM	ACTIVITY				MARKS
Continuous Assessment 1 Assignment	Short answer type questions- 6 marks (two marks each) Big answer type question- 9 marks (3 marks each)				15 marks # 30 marks
Continuous Assessment II Model making/Presentation/ Poster	Model making/Presentation/ E- Poster Composition and depth/Content- 10 marks Skill – 2.5 marks Viva voce- 2.5 marks				15 marks# 30 marks
Continuous Assessment III Written exam	Write-up Bibliography Plagiarism check - 10 Marks Viva voce- 5 Marks				15 marks #30 marks
					CA- total – 30 marks
SEE	Question 1	Question 2	Question 3	Question 4	
written	(Answer any three of four) 3 Marks each	(Answer any two of three) 6 marks each	(Answer any two of three) 6 marks each	(Answer any one of two) 12 marks	45 marks

	Theory total – 75 Marks
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Practical Plan-2021 - 2022			
Name of the college: Parvatibai Chowgule College of Arts and Science, Gogol Margao-Goa			
Name of Faculty: Dr. Uma Masur		Subject: Botany	
Paper code: BOT-VI.E-13		Program: TY BSc	Division: A
Academic year: 2021 - 2022		Semester: IV	Total Practicals/L abs: 15
Credits: 1			
Course Objectives: To develop the plant tissue culture skills.			
Course Learning Outcome: CO1: Explain and discuss the general theoretical backgrounds and practical techniques. CO2: Describe, define, explain/ discuss, compare, concept of differentiation and culture types. CO3: Define, describe, explain/ discuss the techniques in PTC in media preparation, sterilization, callus culture and organogenesis CO4: Describe, explain, discuss applications in forestry, agriculture, etc.			
Student Learning Outcome: Student will be able to Explain and discuss the general theoretical backgrounds and practical techniques. compare, concept of differentiation and culture types. explain/ discuss in media preparation, sterilization, callus culture and organogenesis, Describe, explain, discuss applications in forestry, agriculture, etc.			

Month	Practicals/Labs Scheduled Date	No. of Practicals/Labs planned	List of Experiments	Reference books
March	14-03-2022 to 28-03-2022	3	Preparation of MS Medium; Sterilization techniques	E- Journal Manual
April	4 th April 2022	1	Embryo culture of maize	
	PA 1 11 th April	1	Assessment of techniques (15 Mks)- Following instructions, Methods, Performance , neatness, perfection in conducting practicals Results (10 MKs)	
	18 th to 25 th - 04-2022	2	Callus induction and its morphological studies	
May	2 nd May 2022	1	Sub-culturing callus for rooting and shooting	
	9 th May 2022	PA 2	May 3 rd week Assessment of techniques (15 Mks), Results (5+5 MKs)	
	16 th May 2022	1	Enzymatic Isolation of plant protoplast	
	23 rd May 2022	1	Synthetic seed production	
	30 th May & 6 th June 2022	2	Visit to Plant tissue culture unit	
June	13 th June 2022	PA 3	May 2 nd week Assessment of report (10 Mks), techniques (10 Mks), results (05 MKs)	

CHEMISTRY

PRACTICAL PLAN

Name of the College: Parvatibai Chowgule College of Arts and Science, Autonomous

Name of Faculty: G. K. Naik

Subject: Chemistry

Course Code: CHE-I-VI.C-8

Program: B. Sc. (T. Y. B. Sc.)

Division: A

Academic Year: 2021 - 2022

Semester: VI

Total Practical's: 14

Credits: 01

Course Objectives:

To implement the theory in practice

Expected Course Outcome:

Students will be theory through experiment findings

Student Learning Outcome:

Students will be confident in both Theory and Practical

Month	Practical Scheduled Date	Number of Practical's planned	List of Experiments	Reference Books
March	09-03-2022 11-03-2022	1	To separate a mixture of carboxylic acid and neutral compound by using solvent extraction technique	Khosla B. D., Garg V. C., Gulati A., <i>Senior Practical Physical Chemistry</i> , S. Chand and Co., New Delhi

	16-03-2022 18-03-2022	2	To estimate amount of potassium ions in the given solution by ion exchange chromatography	Khosla B. D., Garg V. C., Gulati A., <i>Senior Practical Physical Chemistry</i> , S. Chand and Co., New Delhi
	23-03-2022 25-03-2022	3	Organic mixture separation, purification of individual compounds and qualitative analysis of separated compound: Solid-solid	Vogel, A. I., Tatchell, A.R., Furnis, B.S., Hannaford, A. J. and Smith, P. W. G., <i>Vogel's Textbook of Practical Organic Chemistry</i> , Pearson
	30-03-2022 01-04-2022	3	Organic mixture separation, purification of individual compounds and qualitative analysis of separated compound: Solid-solid continued	Vogel, A. I., Tatchell, A.R., Furnis, B.S., Hannaford, A. J. and Smith, P. W. G., <i>Vogel's Textbook of Practical Organic Chemistry</i> , Pearson
April	06-04-2022 08-04-2022	4	To determine the equilibrium constant for the reaction $KI + I_2 = KI_3$	Khosla B. D., Garg V. C., Gulati A., <i>Senior Practical Physical Chemistry</i> , S. Chand and Co., New Delhi
	13-04-2022 15-04-2022	5	To estimate Zinc from Zn^{2+}/Ni^{2+} mixture by ion exchange chromatography	Khosla B. D., Garg V. C., Gulati A., <i>Senior Practical Physical Chemistry</i> , S. Chand and Co., New Delhi
	20-04-2022 22-04-2022	6	To estimate Nickel from Zn^{2+}/Ni^{2+} mixture by ion exchange chromatography	Khosla B. D., Garg V. C., Gulati A., <i>Senior Practical Physical Chemistry</i> , S. Chand and Co., New Delhi

	27-04-2022 29-04-2022	7	Estimation of Glucose	Vogel, A. I., Tatchell, A.R., Furnis, B.S., Hannaford, A. J. and Smith, P. W. G., Vogel's Textbook of Practical Organic Chemistry, Pearson
May	04-05-2022 06-05-2022	8	Reduction of nitrobenzene to aniline	Vogel, A. I., Tatchell, A.R., Furnis, B.S., Hannaford, A. J. and Smith, P. W. G., Vogel's Textbook of Practical Organic Chemistry, Pearson
	11-05-2022 13-05-2022	9	To separate metal ions by paper chromatography and determine retardation factor	Khosla B. D., Garg V. C., Gulati A., <i>Senior Practical Physical Chemistry</i> , S. Chand and Co., New Delhi
	18-05-2022 20-05-2022	10	To study separation of organic compounds by TLC	Khosla B. D., Garg V. C., Gulati A., <i>Senior Practical Physical Chemistry</i> , S. Chand and Co., New Delhi
	25-05-2022 27-05-2022	11	Preparation of 2-bromostyrene	Vogel, A. I., Tatchell, A.R., Furnis, B.S., Hannaford, A. J. and Smith, P. W. G., Vogel's Textbook of Practical Organic Chemistry, Pearson
June	01-06-2022 03-06-2022	12	Wittig reaction between acetophenone and methylene	Vogel, A. I., Tatchell, A.R., Furnis, B.S., Hannaford, A. J. and Smith, P. W. G.,

		triphenyl phosphorane	Vogel's Textbook of Practical Organic Chemistry, Pearson
08-06-2022 11-06-2022	13	To determine partition co-efficient of succinic acid between ether and water	Khosla B. D., Garg V. C., Gulati A., <i>Senior Practical Physical Chemistry</i> , S. Chand and Co., New Delhi
15-06-2022 17-06-2022	14	Organic mixture separation, purification of individual compounds and qualitative analysis of separated compound: Solid-solid	Vogel, A. I., Tatchell, A.R., Furnis, B.S., Hannaford, A. J. and Smith, P. W. G., Vogel's Textbook of Practical Organic Chemistry, Pearson
18-06-2022	14	Organic mixture separation, purification of individual compounds and qualitative analysis of separated compound: Solid-liquid continued	Vogel, A. I., Tatchell, A.R., Furnis, B.S., Hannaford, A. J. and Smith, P. W. G., Vogel's Textbook of Practical Organic Chemistry, Pearson

LECTURE PLAN

Name of the College: Parvatibai Chowgule College of Arts and Science, Autonomous

Name of Faculty: G. K. Naik

Subject: Chemistry

Course Code: CHE-IV.E-6

Program: B.Sc. (S. Y. B. Sc.)

Division: A

Academic Year: 2021 - 2022

Semester: IV

Total Lectures: 45

Course Objectives:

Students will be known to classify colloids; to prepare some colloids in the laboratory.

Expected Course Outcome:

Students will know the importance of the colloids in their daily life.

Student Learning Outcome:

Understand the term colloidal state of matter;
Evaluate properties of colloids; Explain properties of gels and emulsions.

Month	Lecture From	Lecture To	Number of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference Books
March	02-03-2022	31-03-2022	7	Colloidal Science Lecture 1: Colloidal Science Introduction; Crystalloid; Colloids Lecture 2: Colloidal State of Matter- True solution; Colloidal solution		Power Point Presentation	1

Suspension; lyophobic and lyophilic colloids;

Lecture 3: Dispersed Phase; Dispersion Medium of Colloidal solutions; Classification Colloidal solutions:
Depending on the presence of dispersed phase and the dispersion medium; Based on the appearance of Colloid

Lecture 4:
Classification of Colloidal solutions: Based on the relative affinity of the dispersed phase towards dispersion medium; Based on the charge on dispersed phase; Based on chemical composition; Based on the structure of colloidal molecules; Based on particle shape of colloid; Preparation of sols: Chemical methods, other method like hydrolysis; oxidation; reduction; double decomposition

Lecture 5: Preparation of sols: Mechanical Dispersion;

Electrical Dispersion - Bredig's arc method; Electrolytic disintegration; Dispersion by ultrasonic waves

Lecture 6:

				Preparation of sols; Removal of agglomerating agent; Peptization		
				Lecture 7: Purification of sols: Dialysis; Electro dialysis		
April	01-04-2022	30-04-2022	7	Lecture 8: Purification of colloid; Ultra-filtration; Ultra-centrifugation	CA 1: 21-04-2022	Power Point Presentation
				Lecture 9: General properties; Heterogeneous Nature: Stable Nature; Filterability; Colligative Properties		
				Lecture 10: Mechanical and optical properties: Brownian movement; Tyndall effect		
				Lecture 11: Stability of colloids; protective action; Hardy-Schulze Law; gold number; Methods of coagulation		
				Lecture 12: Flocculation Value: Univalent Electrolyte		
				Lecture 13: Flocculation Value: Divalent and Trivalent Electrolytes		
				Lecture 14: Electrical properties of colloids: Electrophoresis		
						1

May	02-05-2022	31-05-2022	6	Lecture 15: Electrical properties of colloids: Electro-osmosis; Streaming potential; Sedimentation potential; Dorn effect	CA 2: 07-05-2022	Power Point Presentation	1
				Lecture 16: Electrical double layers: Helmholtz Double layer; Stern Double layer			
				Lecture 17: Emulsions- definition, types, preparation			
				Lecture 18: Emulsions: Properties			
				Lecture 19: Gels- definition; classification			
				Lecture 20: Preparation; Properties			
June	01-06-2022	18-06-2022	2	Lecture 21: Kinetics of coagulation; inhibition; General applications		Power Point Presentation	1
				Lecture 22: General applications of colloids on size of particles			

**Assessment
Rubrics**

Component	Maximum Ma
CA 1	15
CA 2	15
Practical	25
Project	NA
Semester End Exam	45

TEXT BOOK:

1. Raj G., *Advanced Physical Chemistry*; Goel Publishing House, Meerut.

REFERENCE BOOKS:

1. Puri B. R., Sharma L.R., Pathania M. S., *Principles of Physical Chemistry*, Vishal Publishing Co.

PRACTICAL PLAN

Name of the College: Parvatibai Chowgule College of Arts and Science, Autonomous				
Name of Faculty: G. K. Naik		Subject: Chemistry		
Course Code: CHE-IV.E-6		Program: B. Sc. (S. Y. B. Sc.)		Division: A
Academic Year: 2021 - 2022		Semester: IV		Total Practical's: 15
Credits: 01				
Course Objectives: To implement the theory in practice				
Expected Course Outcome: Students will be confident about theory through experiment findings				
Student Learning Outcome: Students will be confident in both Theory and Practical				
Month	Practical Scheduled Date	Number of Practical's planned	List of Experiments	Reference Books
March	02-03-2022 03-03-2022	1	To prepare colloidal solutions of cadmium sulphide and ferric hydroxide.	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.

	08-03-2022 09-03-2022	2	To determine the flocculation value of a univalent and a divalent electrolyte for ferric hydroxide sol	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
	15-03-2022 16-03-2022	3	To study the coagulation value of As ₂ S ₃ sol with AlCl ₃	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
	22-03-2022 23-03-2022	4	To study the mutual coagulation value of ferric hydroxide sol	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
	29-03-2022 30-03-2022	5	To determine the molar mass of a polymer using Ostwald's viscometer	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
April	05-04-2022 06-04-2022	6	To determine the composition of a binary liquid mixture using viscometer	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
	12-04-2022 13-04-2022	7	To determine the composition of a binary liquid mixture using stalagmometer	Yadav J. B., <i>Advanced Practical Chemistry</i> ; Goel Publishing House, Meerut.
	19-04-2022 20-04-2022	8	To determine the viscosity of liquid mixture and test the validity of Kendall's equation	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
	26-04-2022 27-04-2022	9	To study the variation of the viscosity of a given liquid with temperature using Ostwald's viscometer	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
May	03-05-2022 04-05-2022	10	To determine the amount of chloride ion by adsorption indicator method	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.

	10-05-2022 11-05-2022	11	To determine critical micelle concentration of a soap by surface tension method using stalagmometer	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
	17-05-2022 18-05-2022	12	To determine the molecular weight of a given polymer by turbidimetric method	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
	24-05-2022 25-05-2022	13	To determine the surface tension of a liquid by drop number method using stalagmometer	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
May/ June	31-05-2022 01-06-2022	14	To separate the amino acids from the mixture by electrophoresis method	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.
	07-06-2022 08-06-2022	15	To separate the inorganic cations by paper electrophoresis method	Yadav J. B., Advanced Practical Chemistry; Goel Publishing House, Meerut.

LECTURE PLAN

Name of the College: Parvatibai Chowgule College of Arts and Science, Autonomous

Name of Faculty: G. K. Naik

Subject: Chemistry

Course Code: CHE-VI.C-8

Program: B. Sc. (T. Y. B. Sc.)

Division: A

Academic Year: 2021 - 2022

Semester: VI

Total Lectures: 45

Course Objectives:

1. Will learn principles of separation techniques.
2. Will have practical knowledge of separation techniques.
3. Will be able to carry out experiments.

Expected Course Outcome:

- 1: Assess the conditions for obtaining maximum efficiency of extraction.
- 2: Classify chromatographic methods.
- 3: Apply chromatographic method for separation, qualitative and quantitative estimation.

Student Learning Outcome:

1. Will be able to handle any Chromatographic Instruments.

Month	Lecture From	Lecture To	Number of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference Books
March	02-03-2022	31-03-2022	6	Solvent Extraction Lecture 1: Introduction: Separation processes – General Method of Separating the Mixture		Power Point Presentation	1, 2

				<p>Lecture 2: Principle; Nernst distribution Law; Partition Coefficient; Distribution Ratio; Choice of Solvent</p> <p>Lecture 3: Efficiency of extraction; Percentage extraction: Derivation; Choice of Solvent; numerical on distribution ratio</p> <p>Lecture 4: Complexing agents in solvent extraction; Separation factor: Three stages: Selection of extracting solvent; Method of Extraction; Striping and Estimation</p> <p>Lecture 5: Types of extraction: Batch Extraction; Continuous Extraction; Counter current Extraction</p> <p>Lecture 6: Applications of solvent extraction; Numerical</p>			
April	01-04-2022	30-04-2022	6	<p>Chromatographic Techniques:</p> <p>Lecture 7: Introduction to different techniques</p> <p>Lecture 8: Principle, Terminology: classification of chromatographic techniques</p> <p>Lecture 9: Theory of chromatographic separation</p> <p>Lecture 10: Paper chromatography: Principle, Requirements for paper Chromatograph; Types of Paper Chromatography; technique and applications</p> <p>Lecture 11: Thin layer chromatography: Principle, Technique and applications</p> <p>Lecture 12: Column Chromatography: Introduction; Principle</p>	CA 1: 25-04-2022	Power Point Presentation	1, 2

May	02-05-2022	31-05-2022	6	<p>Lecture 13: Column Chromatography: Technique; Applications</p> <p>Lecture 14: Ion exchange chromatography: Principle, classification of ion exchangers</p> <p>Lecture 15: Factors affecting the distribution of ions between the resin and the solution</p> <p>Lecture 16: ion exchange capacity, applications of ion exchange chromatography</p> <p>Lecture 17: Applications of ion exchange chromatography, continued</p> <p>Lecture 18: Separation: Distribution equilibrium, Rate of travel</p>	CA 2: 10-05-2022	Power Point Presentation	1, 2

June	01-06-2022	18-06-2022	4	Lecture 19: Retention time, Retention volume, Relative retention	Power Point Presentation	1, 2
				Lecture 20: Instrumentation; Applications; Comparison of GSC and GLC		
				Lecture 21: HPLC: Principle, instrumentation and applications		
				Lecture 22: Hyphenated techniques: GC-MS and LC-MS; Numerical		

**Assessment
Rubrics**

Component	Maximum Marks
CA 1	15
CA 2	15
Practical	25
Project	10
Semester End Exam	45

REFERENCE BOOKS:

1. Christian, G. D. "Analytical Chemistry". 5th edition. John Wiley Publications
2. Skoog D. A., West D. M. and Holler F. J.; Fundamentals of Analytical Chemistry, 4th Saunders College Publishing

COMPUTER SCIENCE

Lecture Plan

Name of the College: Parvatibai Chowgule College of Arts & Science, Margao-GOA

Name of Faculty:Dr.(Ms).SameenaFalleiro

Subject:E-LEARNING

Paper Code: GEC

Program: F.Y.B.A/BSc &
S.Y.B.A/B.Sc

Division:

Academic year: 2021-2022

Semester: I / III

Total Lectures: 60

Course Objectives:

To understand basic concept of ICT (Information Communications Technology) in education.

To understand basic concept of Instructional Design principles.

To develop and apply the various concepts of Instructional Design skills learnt wrt E-Learning .

To develop E-content in various application areas related to ICT and Education.

Expected Course Outcome: On completion of this course the student will be able to:

CO1: Explain the working of an E-learning module.

CO2: Explain the various Instructional Design Principles.

CO3: Develop own course material and upload it using an appropriate LMS.

CO4: Evaluate and apply appropriate Assessment techniques to the E-content

CO5: Differentiate between Summative and Formative assessment.

CO6: Write Learning and Course objectives.

Student Learning Outcome: Mentioned as CO

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
OCTOBER	1 st October, 2021	31 st October, 2021	60hrs for the entire course	UNIT-1	Demonstrations on ICT Tools	Google meet/Power point presentation / Google Class room as LMS #	Given in list below %
NOVEMBER	1 st November, 2021	30 th November, 2021		UNIT-2 & UNIT-3		Google meet/Power point presentation / Google Class room as LMS#	Given in list below %
DECEMBER	1 st December, 2021	31 st December, 2021		UNIT-3 AND UNIT-4		Google meet/Power point presentation / Google Class room as LMS#	Given in list below %
JANUARY	1 st January, 2021	15 th January, 2021		UNIT-4		Google meet/Power point presentation	Given in list below %

								/ Google Class room as LMS#	
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#(all resources available/can be accessed in Google Classroom of the course)

%REFERENCES:

MANDATORY:

Shelly Cashman Gunter.(2011).Teachers Discovering Computers: Integrating Technology in the Classroom,(7th ed.).Wadsworth Publishing Co Inc.

SUPPLEMENTARY:

1. Smith, P. L. & Ragan, T. J.(2008). Instructional design(4rth ed.). New York: John Wiley & Sons. ISBN:0471393533
2. M.D. Roblyer, Aaron H. Doering(2018). Integrating Educational Technology into Teaching: Student Value Edition (8th ed.). Publisher: Pearson ISBN-10: 013289680X, ISBN-13:978-0132896801.
3. Dick, W., Carey, L., & Carey, J. O.(2014). The systematic design of instruction (8th ed.). Boston: Allyn and Bacon.
4. Wiggins, G. P., & McTighe, J.(2005). Understanding by design (2nd ed.). Assn. for Supervision & Curriculum Development;
5. Alexandria, VA: Association for Supervision and Curriculum Development.
6. Christensen, C. M., Horn, M. B., & Johnson, C. W.(2016). Disrupting class: How disruptive innovation will change the way the world learns(2nd ed.). New York: McGraw- Hill.

WEB BASED:

- 1.<https://www.udemy.com/course/instructional-design-for-elearning/>
 - 2.<https://nptel.ac.in/courses/127101013/>
 - 3.<https://nptel.ac.in/courses/121105010/>
- Better learning (Bloom's Taxonomy):

4. <https://www.plesyoutube.com/watchv=0flnAoX9QEw>

Assessment:

5. https://nptel.ac.in/content/storage2/nptel_data3/html/mhrd/ict/text/121106012/lec13.pdf

*** Assessment Rubrics**

Component	Max Marks
CA-1	20
CA-2	20
CA-3	20
Best of two/ average	(40)
Semester End Exam	60

BELOW IS THE DETAILED LECTURE SCHEDULE

E-LEARNING

Lecture Schedule (2021-2022)

LECT NO.	MODULE / UNIT NUMBER	CONTENT TOPIC
1	I: Introduction to E-Learning	General Introduction to the course and syllabus overview
2		What is E-learning
3		Scope and Form of E-learning
4		Phases in an E-learning project
5		Role of an E-learning project
6	I: E-Learning Strategies	e-Learning Strategies (Introduction overall)
7		Simulation

8		Drill
9		Interactive Learning
10		Problem Solving (Scamper)
11		Tutorials
12		Any other recent strategies like Gamification
13		ACTIVITY (<i>Constructing a Mind Map</i>)
14		ACTIVITY (<i>Constructing a Mind Map</i>) /REVISION
15		EVALUATION...CA-1
16	II: COURSE DEVELOPMENT	Introduction to Instructional Design (ID)
17		Process of ID
18		ID Models...1
19		ID Models...2
20		Storyboard
21		Content Integration
22		SCORM Compliance
23		LMS
24		ACTIVITY...Installation
25		ACTIVITY...Various People/Role
26		ACTIVITY...Parts of the Course in LMS
27		ACTIVITY...Activities & Resources

28		<i>ACTIVITY...Creating Storyboard's using Movie Maker/PPT or similar FOSS</i>
29		<i>ACTIVITY...Other Options in LMS/Storyboard</i> REVISION
30		EVALUATION...CA-II
31	III: E-Learning and Pedagogical Approaches	Introduction to E-Learning and Pedagogical Approaches. Educational Theory/Pedagogy
32		The Behaviorist School of Learning
33		The Cognitive School of Learning
34		The Constructivist School of Learning
35		Blooms Taxonomy of Learning Objectives
36		Gagnes Principles of Learning
37		Types of Learning Objectives
38		Content Analysis
39		Types of Learning Objectives & Content Analysis
40		Keller ARCS Model of Motivation
41		MVLE: Motivated Learning Environment
42		<i>ACTIVITY...PowToon</i>
43		<i>ACTIVITY...Screencast</i>
44		ACTIVITY / REVISION
45		EVALUATION...CA-III
46	V: Assessment Design	Rubrics...Introduction
47		Rubrics...Types: Analytic and Holistic...1
48		Rubrics...Types: Analytic and Holistic...2
49		Rubrics for Assessment

50		Formative Assessment
51		Summative Assessment
52		Online Assessment
53		Security and Authentication
54		ACTIVITY...Designing Rubrics
55		ACTIVITY... Designing Rubrics
56		ACTIVITY...Creating a fully tagged QB in Moodle
57		ACTIVITY... Creating a fully tagged QB in Moodle
58		REVISION
59		REVISION
60		END SEMESTER EXAM

Course Schedule for Academic Year 2021-2022

Class:S.Y.B.Sc. Semester IV

Code :COM-E8 Course Title : Human ComputerInterface (HCI)
Credits: 4 (3 THEORY & 1 PRACTICAL)

Sr. No (Lecture no)	Units	Topic	Books/Ref
1	I	Syllabus, General discussion	
2		Introduction to HCI	1
3		HCI birth	1,2
4		Interface Design need	2
5		Usability and User types	1,2
6		Interview	2
7		Guidelines	1
8		Automation: User Control	2
9		Principles.	2
10		Theories-I	2
11		Tutorials	
12		CLASS TEST I	
13		FEEDBACK ON TEST	
14	II	Usability-Pillars I	1
15		Usability-Pillars II	1
16		Interaction Style- command and Menu	1
17		Interaction Style - direct	1
18		User Diversity	1,2
19		SE-Requirements Collection techniques I	2
20		SE-Requirements Collection techniques II	2
21		Human Characteristics	1
22		Tutorials	
23			CLASS TEST II
24		FEEDBACK ON TEST	
25	III	Heuristic Evaluations I	1
26		Heuristic Evaluations II	1
27		Contextual Enquiry	2
28		User Elements- Garette Model I	2
29		User Elements- Garette Model II	2
30		Tutorials	
31		UI Design guidelines- Galitz I	5
32		UI Design guidelines- Galitz II	5
33		UI Design guidelines- Galitz III	5
34		UI Design guidelines- Galitz IV	5
35		CLASS TEST III : Presentations by students	

36		CLASS TEST III : Presentations by students	
37		CLASS TEST III : Presentations by students	
38		CLASS TEST III : Presentations by students I	
39		FEEDBACK ON TEST	
40		Information Visualization I	3
41		Information Visualization II	3
42		Heuristic Evaluation of Website	
43		Tutorials	
44		Revision	
45		Revision	

REFERENCE

BOOKS:

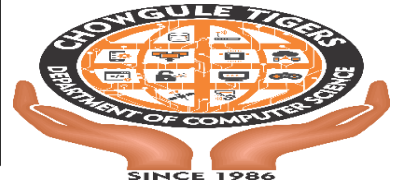
1. Ben Shneiderman and Catherine Plaisant, Designing the User Interface: Strategies for Effective Human-Computer Interaction Pearson Addison-Wesley, 5th Edition, 2009
2. Alan Dix, Janet Finlay, Gregory D. Abowd, and Russell Beale, Human-Computer Interaction, Pearson, 3rd Edition, 2004.
3. Alan Cooper & Robert Reimann, About Face 2.0: The Essentials of Interaction Design, Wiley
4. Donald A. Norman, The Design of Everyday Things, Basic Books, 2002

Additional References

1. Wilbert Galitz, Essential Guide to User Interface Design, Wiley Publishing
2. Website : www.nngroup.com




Parvatibai Chowgule College of Arts and Science
 Autonomous
 Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle)
 Best affiliated College-Goa University Silver Jubilee Year Award



DEPARTMENT OF COMPUTER SCIENCE AY: 2021-2022

LECTURE SCHEDULE 2021-2022

COURSE

PGDCA

Sem-I: Course Code : DCA-EL 5 Title : E-Commerce

Lecture No	UNIT	TOPIC/SUB-TOPICS	REFERENCE LIST
1	1	Introduction to E-Commerce	Electronic commerce –Strategy, Technologies & Applications by David Whitely (text book & ppt slides)
2		E-Commerce -Scope,Types, Technology	-do-
3		E-Commerce -Technology (Problem Solving)	
4		E-Commerce- Trading Exchanges and Trade Cyclec(Problem Solving)	-do-
5		The Value Chain (Problem Solving)	-do-
6		Porter's Model	-do-
7		Competitive Advantage -Basic Strategies	-do-
8		Porter's Model	-do-
9		First Mover Advantage, Sustainable Competitive advantage using e-commerce	
10		Business Strategy	-do-
11		Strategic implication of IT	-do-
12		Technology, Business Environment	
13		Business Capability	
14		e-commerce implementation, technical and business.	
15		Activity	
16		EDI	-do-
17		EDI - Technology , Standards	-do-
18		EDI - Communications	-do-
19		EDI - Adoption & Maturity	-do-
20		InterOrganizational E-Commerce	-do-
21		E-Business- Internet Bookshops , Grocery Supplies, Online Share trading,etc.(Problem Solving)	-do-
22		CA 1Presentation	
23	2	Electronic Payment Systems -Electronic Token Based systems	Electronic Commerce by Ravi Kalakote
24		Electronic Payment Systems -Digital Currency	-do-
25		Electronic Checks-benefits of electronic checks, electronic checks in action,	-do-

26		Online Credit Card-Based Systems- types of credit card payments, Secure Electronic Transactions (SET)	-do-
27		Other Emerging Financial Instruments: POS (Point of Sale), E-Cash, Net Banking, Credit/Debit Cards and Electronic Benefits and Security Issues.	-do-
28	3	E-Business	Electronic Commerce by Ravi Kalakote
29		7.1 EDI Application in business, E- Commerce Law, Forms of Agreement, Govt. policies and Agenda.	
30		Business to Legal Issues: Risks involved, Paper Document v/s Electronic document	
31		Authentication of Electronic document, laws, Legal Issues for Internet Commerce	
32		Trade names and Domain Names. Copyright, Jurisdiction issues	
33		Service Provider Liability, Enforceable Online Contract.	
34		CA 2 Written Test	
35		Firewall and Transaction Security	
36		Types of firewall, Firewall Security Issues,	-do-
37		Transaction Security: Types of online Transaction, Requirements for Transaction security	
38		Encryption and Transcription Security	
39		Digital Certificate	
40		Security Threats to E Commerce, Virtual Organization, Business Transactions on Web, E Governance and EDI	
41		Consumer E-Commerce	
42		Consumer trade transaction, Internet, Page on the Web, Elements of E-Commerce with VB, ASP, SQL	
		CA3 : Case Study	
43		M-Commerce	
44		Basic concept and applications, difference with E-Commerce, benefits of integration with ERPs.	
45		CA 4 (Viva)	
		(1) e-COMMERCE Strategy, Technologies and Applications by David Whiteley; TataMcGraw Hill.	
		(2) Electronic Commerce A Manager's Guide by Ravi Kalakota and Andrew B. Whinston. Published by Pearson Education.	

ENGLISH

Semester Lecture Plan

Name of the college: ParvatibaiChowgule College of Arts and Science (Autonomous), Margao - Goa						
Name of Faculty: Sonia Fernandes Da Costa		Subject: English				
Paper code: ENG-E-1		Program/Course: T.Y.B.A. – Goan Literature			Division: A	
Academic year: 2021 - 2022		Semester: V			Total Lectures: 60	
Course Objectives:						
<ol style="list-style-type: none"> 1. To introduce students to different genres of literary works of Goan Literature in English and translated works by Goan writers. 2. To acquaint students with Goan ethos and culture through the exploration of selected texts of Goan literature. 3. To examine selected texts of Goan Literature and folk lore to establish Goan identity. 						
Course Learning Outcome:						
<p>Upon completion of the course the student should be able:</p> <p>CO 1: Identify the impact of the psychological, socio-political and religious realities of the pre-colonial and post-colonial period in Goa.</p> <p>CO 2: Identify diverse literary and cultural trends that helped form Goan literature.</p> <p>CO 3: Critically analyse and interpret a literary work.</p> <p>CO 4: Understand Goan ethos through Goan literature and culture.</p>						
Month	Lectures From: To:	No. of lectur es	Topic, Subtopic to be covered	Activity/Exercise	ICT Tools	Reference books

			allotted				
September	03/09/2021	08/09/2021	04	Competency test		For example: Google classroom/ Video	<i>Mirror to Goa: Identity and the written word in a small society</i> by Donna Young
				Who is a Goan?			
September	16/09/2021	19/09/2021	04	Goan Literature : an overview		Google Classroom	Naik, Pundalik . <i>The Upheaval</i> . Trans Vidya Pai. New Delhi: Oxford University Press, 2012.
				Unit 3: Pundalik			
				Naik's The Upheaval Introduction			
Sept	22	25	04	Unit 3: Pundalik		Google Classroom	Naik, Pundalik . <i>The Upheaval</i> . Trans Vidya Pai. New Delhi: Oxford University Press, 2012.
				Naik's The Upheaval			
				Close Reading of the text			
Sept-Oct	29 th -	02	04	Unit 3: Pundalik Naik's The Upheaval Close Reading of the text		Google Classroom	Naik, Pundalik . <i>The Upheaval</i> . Trans Vidya Pai. New Delhi: Oxford University Press, 2012.
Oct	4/10/2021	9/10/2021	04	Unit 3: Pundalik Naik's The Upheaval Close Reading of the text		Google Classroom	Naik, Pundalik . <i>The Upheaval</i> . Trans Vidya Pai. New Delhi: Oxford University Press, 2012.
Oct	11/10/2021	16/10/2021	04	Unit 3: Pundalik Naik's The Upheaval Discussion on regionalism, characters, Eco criticism	CA 1 Question & answer	Google Classroom	Naik, Pundalik . <i>The Upheaval</i> . Trans Vidya Pai. New Delhi: Oxford University Press, 2012.

Oct	18/10/2021	23/10/2021	04	Unit 1.A. Colonial History of Goa		For example: Google classroom/ Power point presentation/ Video	Menezes, Juliao. <i>Goa's Freedom Struggle</i> . Velim: Mrs. Alzira da Almeida Charitable Trust, 2011.
				B. History of Goa in Postcolonial Goa			https://www.researchgate.net/publication/260697033_History_of_Goa_with_Special_Reference_to_Its_Feudal_Features_Indian_Historical_Review_Volume_40_number_2_2013_249-266
Oct	25/10/2021	30/10/2021	04	Unit 2: Short Stories Damodar Mauzo		Google classroom	Mauzo, Damodar. <i>Teresa's Man and other stories from Goa</i> . Trans Xavier Cota. Delhi: Rupa Publications, 2014.
Nov	07/11/2021	13/11/2021	05	Unit 2: Short Stories Lambert Mascarenhas, Victor Rangel, Ben Antao,		Google classroom	Shetty Manohar, ed. <i>Ferry Crossing</i> . New Delhi: Penguin Books, 1998.
Nov	15/11/2021	20/11/2021	4	Unit 2: Laxmanrao Sardessai, Edila Gaitonde, Fatima Noronha	CA 2 ppt	Google classroom	Noronha. Fatima. M. Stray Mango Branches and other stories with Goan Sap. Goa 1556 & Broadway Book Centre, 2013. Gaitonde Edila. The Tulsi and other short stories of Goa. Goa 1556 & Broadway Book Centre
Nov	22/11/2021	27/11/2021	4	Unit 2: Skin		Google	Skin by Margaret

		1				classroom	Mascarenhas. New Dehi: Penguin Books India (2001)
Nov- dec	29/11/2021	4/12/2021	4	Unit 2: Skin		Google classroom	Skin by Margaret Mascarenhas. New Dehi: Penguin Books India (2001)
Dec	06	11	4	Unit 4: Poetry		Google classroom/ Power point presentation	Nazareth Peter, ed. <i>Pivoting on the Point of Return: Modern Goan Literature</i> . Saligao: Goa 1556 & Broadway Book Centre, 2010.
	13	19	4	Unit 4”Poetry			
Dec	20	23	4	Unit 1: Art and Artists of Goa (Folkdance and Cartoonists)	CA 3 Videos	Google classroom/ Power point presentation	Unit 1: Art and Artists of Goa (Folkdance and Cartoonists)
Jan	03/01/2022	9	4	Revision			

*** Assessment Rubrics**

Component	Max Marks
ISA 1 (CA 1)	20
ISA 2 (CA 2)	20
ISA 3 (CA 3)	20
Semester End Exam	40

Semester Lecture Plan

Name of the college: ParvatibaiChowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Dr Sonia F da Costa

Subject:English

Paper code: ENG-V.C-7

Program/Course: T.Y.B.A. Nineteenth Century English Literature

Division: A

Academic year: 2021 - 2022

Semester: V

Total Lectures: 30

Course Objectives:

1. To acquaint the students with English literature of the nineteenth century.
2. To reveal the impact of socio-economic aspects of the nineteenth century on literature written during the period.
3. To acquaint the students with the prevalent literary genres as well as stylistic feature of literature written during the nineteenth century.
4. To encourage independent critical reading of the literary texts written during the nineteenth century.

Course Learning Outcome:

Upon completion of the course the student should be able:

1. Appreciate the socio-economic facets of the nineteenth century and its impact on literature written during the time.
2. Understand essential features of Romanticism and Victorianism.
3. Independently read and evaluate the literary texts written during the time.

Month	Lectures From: To:		No. of lect ures allot ted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
September	6/09/2021	18/09/2021	04	Competency Test Screening Charles Dickens Oliver Twist	Watch the movie and write and analysis with reference to Victorian age	Google classroom	Churchill R.C. <i>English Literature of the Nineteenth Century</i> . University Tutorial Press; First Edition, 1956.
				Competency Test Screening Boxtrolls			
				Introduction to Victorian Age			
September	20/09/2021	30/09/2021	04	Unit 1. Victorian Life , Victorian features	CA 1 Task 1 Chapter wise questions to be answered	Google Classroom	https://www.youtube.com/watch?v=F_UvfTHi8EE https://www.britannica.com/event/Victorian-era https://sites.udel.edu/britlitwiki/the-victorians/ http://victorian-era.org/victorian-era-literature-characteristics.html
				Education, Industrial Revolution			
				Gothic Literature, Victorian Literature			
October	4/10/2021	16/10/2021	04	Unit 1. Social Life, Children's Literature Role of Women and working Conditions Introduction to Charlotte Bronte life	CA 1 Task 1 Chapter wise questions to be answered	Google Classroom	https://www.bl.uk/romantics-and-victorians/articles/gender-roles-in-the-19th-century https://merrynallingham.com/19th-century/women-in-victorian-england/ https://www.gutenberg.org/files/1260/1260-h/1260-

				and works Close reading of the text Jane Eyre chapter 1-6			h.htm Charlotte Bronte. <i>Jane Eyre</i> . Harper Press, 2010.
October	18/10/2021	30/10/2021	04	Unit I Close reading of the text Jane Eyre Chapters 7-17	CA 1 Task 1 Chapter wise questions to be answered	Google Classroom	Jones Daniel. <i>An Outline of English Phonetics</i> . Cambridge Uni. Press, 1972.
November	08/11/2021	20/11/2021	04	Close reading of the text Jane Eyre Chapters 18-33	CA 1 Task 1 Chapter wise questions to be answered	Google Classroom	Jones Daniel. <i>An Outline of English Phonetics</i> . Cambridge Uni. Press, 1972.
November	22/11/2021	30/11/2021	04	Unit I B: Close reading of the text Jane Eyre Chapters 34- 38 Discussion on Narrative Structure CA PPT	CA 2 PPT	Google Classroom	https://www.youtube.com/watch?v=oef9ui8wLGI Charlotte Bronte. <i>Jane Eyre</i> . Harper Press, 2010.
December	01/12/2021	11/12/2021	04	Unit II: Discussion on Characters from Jane Eyre, Themes Introduction to George Bernard Shaw		Google Classroom	https://www.britannica.com/biography/George-Bernard-Shaw Shaw George Bernard. <i>Pymalion</i> . Penguin Edition, 2009.

December	13/12/2021	23/12/2021	04	Close reading of the play Pygmalion		Google Classroom	Shaw George Bernard. <i>Pygmalion</i> . Penguin Edition, 2009.
January	03/01/2022	08/01/2022	02	Discussion on Characters, Themes, Narrative Revision		Google Classroom	Shaw George Bernard. <i>Pygmalion</i> . Penguin Edition, 2009.

*** Assessment Rubrics**

Component	Max Marks
ISA 1 (CA 1)	20
ISA 2 (CA 2)	20
ISA 3	20
Semester End Exam	40

Parvatibai Chowgule College of Arts and Science (Autonomous)		
	PAPER	ENGLISH LANGUAGE AND LITERATURE TEACHING
	YEAR	Semester 6 /THIRD YEAR
Lecture Hour	Topics	References
1	Intro to ELLT +Plan + Approach + Coursework +Use of Google Classroom in Course	
2	Discussion - Why we teach? What we teach? How We teach?	
3	[CLS - Group activity]	
4	[CLS - Reflection Method - Action Research in praxis]	
5	[CLS - Reflection Method - Action Research in praxis]	
6	Unit 1 - Principles of Teaching - Curriculum Building	
7	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Broughton, Geoffrey, et al. Teaching English as a Foreign Language.
8	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Carter, Ronald and David Nunan, The Cambridge Guide to Teaching English to Speakers
9	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Davison, Jon and John Moss, Issues in English Teaching.
10	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Larsen-Freeman, Diane. Teaching and Principles in Language Teaching.
11	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Nunan, David. Language Teaching Methodology - A textbook for teachers.
12	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Richards, Jack and Theodore Rodgers. Approaches and Methods in Language Teaching.
13	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Richards, Jack and Willy Renandya. Methodology in Language Teaching.
15	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Wyse, Dominic, Richard Andrews and James Hoffman, The Routledge International
16	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Handbook of English, Language and Literacy Teaching.
17	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Chambers, Ellie and Marshall Gregory. Teaching & Learning English Literature.
18	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Irvine, Colin C., ed. Teaching the Novel across the Curriculum - A Handbook
19	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Ken, Bain. What the Best College Teachers Do.
20	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Thurston, Cheryl Miller. Ideas That Really Work!
21	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	

22	Review of Unit 1 - Discussion + Analysis	
23	Unit 3/4- Student presentations [Flipped CLS - Master trainer] + Reflective study	
24	Intro to Unit 3/4 -	
25	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Broughton, Geoffrey, et al. Teaching English as a Foreign Language.
26	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Carter, Ronald and David Nunan, The Cambridge Guide to Teaching English to Speakers
27	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Davison, Jon and John Moss, Issues in English Teaching.
28	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Larsen-Freeman, Diane. Teaching and Principles in Language Teaching.
29	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Nunan, David. Language Teaching Methodology - A textbook for teachers.
30	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Richards, Jack and Theodore Rodgers. Approaches and Methods in Language Teaching.
31	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Richards, Jack and Willy Renandya. Methodology in Language Teaching.
32	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Wyse, Dominic, Richard Andrews and James Hoffman, The Routledge International
33	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Handbook of English, Language and Literacy Teaching.
34	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Chambers, Ellie and Marshall Gregory. Teaching & Learning English Literature.
35	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Irvine, Colin C., ed. Teaching the Novel across the Curriculum - A Handbook
36	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Ken, Bain. What the Best College Teachers Do.
37	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	Thurston, Cheryl Miller. Ideas That Really Work!
38	Unit 1/2 - Student teaching classes [Flipped CLS - Master trainer] + Reflective study	
39	CA 3 - Praxis of teaching methods [Students can choose any methodology/content from Units 1 - 4]	
40	CA 3 - Praxis of teaching methods [Students can choose any methodology/content from Units 1 - 4]	
41	CA 3 - Praxis of teaching methods [Students can choose any methodology/content from Units 1 - 4]	
42	CA 3 - Praxis of teaching methods [Students can choose any methodology/content from Units 1 - 4]	
43	Difficulties in approaches for SEE	
44	Classwork for SEE submissions - Practice+Analysis	
45	Classwork for SEE submissions - Practice+Analysis	
46	Classwork for SEE submissions - Practice+Analysis	
47	Classwork for SEE submissions - Practice+Analysis	
48	Classwork for SEE submissions - Practice+Analysis	
49	Classwork for SEE submissions - Practice+Analysis	

50	Feedback on CA 2 & 3	
51	Difficulties in approaches for SEE	
52	Review of Course + Feedback + Suggestions	
53	Review of Course + Feedback + Suggestions	
54	Classwork for SEE submissions - Practice+Analysis	
55	Classwork for SEE submissions - Practice+Analysis	
56	Final SEE Submission - InClass Teaching	
57	Final SEE Submission - InClass Teaching	
58	Classwork for SEE submissions - Practice+Analysis	
59	Final SEE Submission - InClass Teaching	
60	Final SEE Submission - InClass Teaching	

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Parvatibai Chowgule College of Arts and Science
(Autonomous)

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Department of English - Second Year - SEC

	COURSE	CREATIVE WRITING II (SEC)
	SEMESTER/YEAR	4/ SYBA
Lecture Hour	Topics	References
1	Introduction to Creative Writing + Plan + Approach	
2	Use of Google Classroom in Course + Coursework	
3	Discussion - What is Creative Writing? Discussion - Samples of student's works	
4	Unit 1 - Poetry - Writing + Performing + Feedback	Smith, Marc Kelly and Joe Kraynak. <i>Take the Mic - The Art of Performance Poetry, Slam and the Spoken Word.</i> Earnshaw, Steven. <i>The Handbook of Creative Writing.</i>
5	Unit 1 - Poetry - Writing + Performing + Feedback	
6	Unit 1 - Poetry - Writing + Performing + Feedback	
7	Unit 1 - Poetry - Writing + Performing + Feedback	
8	Unit 1 - Poetry - Writing + Performing + Feedback	
9	Unit 1 - Poetry - Writing + Performing + Feedback	
10	Unit 1 - Poetry - Writing + Performing + Feedback	
11	Unit 3 - Fiction - Intro to 'Long' Short Story	Burroway, Janet. <i>Writing Fiction: A Guide to Narrative Craft.</i>
12	Unit 3 - Fiction - Intro to 'Long' Short Story	
13	Unit 3 - Fiction - 'Long' Short Story + Student work	
14	Unit 3 - Fiction - 'Long' Short Story + Student work	
15	Unit 3 - Fiction - 'Long' Short Story + Student work	
16	Unit 3 - Fiction - 'Long' Short Story + Student work	Mills, Paul. <i>The Routledge Creative Writing Coursebook.</i>
17	Unit 2 - Drama - Introduction Discussion	
18	Unit 2 - Drama - Introduction Discussion	
19	Unit 2 - Writing Drama - Practical Application	
20	Unit 2 - Writing Drama - Practical Application	
21	Unit 2 - Writing Drama - Practical Application	
22	Unit 2 - Writing Drama - Practical Application	
23	Unit 2 - Writing Drama - Practical Application	
24	Unit 2 - Writing Drama - Practical Application	Earnshaw, Steven. <i>The Handbook of Creative Writing.</i>
25	Unit 1 - Poetry - Writing + Performing + Feedback + eportfolio	
26	Unit 1 - Poetry - Writing + Performing + Feedback + eportfolio	Mills, Paul. <i>The Routledge Creative Writing Coursebook.</i>
27	Unit 2 - Writing Drama - Practical Application + eportfolio	
28	Unit 2 - Writing Drama - Practical Application + eportfolio	Burroway, Janet. <i>Writing Fiction: A Guide to Narrative Craft.</i>
29	Unit 3 - Fiction - 'Long' Short Story + Student work + eportfolio	
30	Unit 3 - Fiction - 'Long' Short Story + Student work + eportfolio	

Parvatibai Chowgule College of Arts and Science (Autonomous)		
	COURSE	LATIN AMERICAN LITERATURE
	SEMESTER / YEAR	Semester 6 / THIRD YEAR
Lecture Hour	Topics	References
1	Introduction to Latin American Lit + Plan + Approach + Coursework	
2	Unit 1 - Introduction to Anthropophagie	
3	Unit 1 - Discussion + Analysis of Manifesto Anthropophagie	
4	Unit 4 - Discussion on - The Cubs [Flipped - CLS - T/P/S or Group]	Llosa, Mario Vargas. The Cubs and Other Stories.
5	Unit 4 - Discussion on - The Challenge [Flipped - CLS - T/P/S or Group]	Llosa, Mario Vargas. The Cubs and Other Stories.
6	Unit 4 - Discussion on - The Challenge [Flipped - CLS - T/P/S or Group]	Llosa, Mario Vargas. The Cubs and Other Stories.
7	Unit 4 - Discussion on - House taken Over [Flipped - CLS - T/P/S or Group]	Cortazar, Julio. Blow-Up and Other Stories.
8	Unit 4 - Discussion on - House taken Over + Bestiary [Flipped - CLS - T/P/S or Group]	Cortazar, Julio. Blow-Up and Other Stories.
9	Unit 4 - Discussion on - Library of Babel [Flipped - CLS - T/P/S or Group]	Borges, Jorge Luis. Aleph and other Stories.
10	Unit 4 - Discussion on - Library of Babel + Death and the Compass [Flipped - CLS - T/P/S or Group]	Borges, Jorge Luis. Aleph and other Stories.
11	CA 1 - Presentations + Feedback [Topics selected by Students from Unit 1/2/3/4 - in discussion with teachers]	
12	CA 1 - Presentations + Feedback [Topics selected by Students from Unit 1/2/3/4 - in discussion with teachers]	
13	CA 1- Presentations + Feedback	
14	CA 1- Presentations + Feedback	
15	Unit 2 - Intro to <i>The Psychiatrist</i>	
16	Unit 2 - <i>The Psychiatrist</i> - Discussion + Analysis - Application of Movements	Kristal, Efrain, ed. The Cambridge Companion to the Latin American Novel.
17	Unit 2 - <i>The Psychiatrist</i> - Discussion + Analysis - movement and theme	
18	Unit 2 - <i>The Psychiatrist</i> - Discussion + Analysis - current thought on the text	
19	Unit 2 - <i>The Psychiatrist</i> - Discussion + Analysis - Miscellaneous	
20	Unit 2 - <i>The Psychiatrist</i> - Discussion + Analysis - Review/Difficulties/Feedback	
21	Unit 2 - <i>The Psychiatrist</i> - Discussion + Analysis - Review/Difficulties/Feedback	
22	Unit 4 - Discussion on - Death and the Compass [Flipped - CLS - T/P/S or Group]	
23	Unit 4 - Discussion on - Death and the Compass [Flipped - CLS - T/P/S or Group]	Borges, Jorge Luis. Aleph and other Stories.
24	Unit 4 - Discussion on - Bestiary [Flipped - CLS - T/P/S or Group]	Borges, Jorge Luis. Aleph and other Stories.
25	Unit 4 - Discussion on - Bestiary [Flipped - CLS - T/P/S or Group]	Cortazar, Julio. Blow-Up and Other Stories.
26	Work Class on SEE Term Papers	Cortazar, Julio. Blow-Up and Other Stories.

27	Work Class on SEE Term Papers	
28	Work Class on SEE Term Papers	
29	Work Class on SEE Term Papers	
30	Work Class on SEE Term Papers	

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Parvatibai Chowgule College of Arts and Science (Autonomous)		
	COURSE	VISUAL LITERATURE
	Semester / YEAR	Semester 4 / Second Year
Sr. No	Topics	References
1	Introduction to Visual Literature	
2	Plan + Approach + Coursework + Reading comics	
3	Use of Google Classroom in Course + Reading Comics	
4	UNIT 1- Discussion on Comics - as read by students [CLS - T/P/S]	
5	UNIT 1-Discussion on Elements in Comics - as read by students [CLS-Group]	
6	UNIT 1-Difference in comics and Graphic Novels [CLS-Group]	
7	UNIT 1-History of Comics - Videos/Discussion [Flipped]	
8	UNIT 1- A Reading of <i>Comics & Sequential Art</i> by Will Eisner [CLS- GROUP]	Comics & Sequential Art by Will Eisner
9	UNIT 1- A Reading of <i>Comics & Sequential Art</i> by Will Eisner [CLS- GROUP]	Comics & Sequential Art by Will Eisner
10	UNIT 1- A Reading of <i>Comics & Sequential Art</i> by Will Eisner [CLS- GROUP]	Comics & Sequential Art by Will Eisner
11	UNIT 1- A Reading of <i>Comics & Sequential Art</i> by Will Eisner [CLS- GROUP]	Comics & Sequential Art by Will Eisner
12	UNIT 1 - A Reading of <i>Understanding Comics: The Invisible Art</i> by Scott McCloud [CLS- GROUP]	Understanding Comics: The Invisible Art by Scott McCloud
13	UNIT 1 - A Reading of <i>Understanding Comics: The Invisible Art</i> by Scott McCloud [CLS- GROUP]	Understanding Comics: The Invisible Art by Scott McCloud
14	UNIT 1 - A Reading of <i>Understanding Comics: The Invisible Art</i> by Scott McCloud [CLS- GROUP]	Understanding Comics: The Invisible Art by Scott McCloud
15	UNIT 1 - A Reading of <i>Understanding Comics: The Invisible Art</i> by Scott McCloud [CLS- GROUP]	Understanding Comics: The Invisible Art by Scott McCloud
16	UNIT 2/3/4 - Readings of Graphic Novels - initial readings within classrooms	
17	UNIT 2/3/4 - Readings of Graphic Novels - initial readings within classrooms	
18	CA 1 - PRESENTATIONS - UNIT 1 HISTORY OF COMICS/ELEMENTS OF COMICS/UNDERSTANDING COMICS (Feedback)	
19	CA 1 - PRESENTATIONS - UNIT 1 HISTORY OF COMICS/ELEMENTS OF COMICS/UNDERSTANDING COMICS (Feedback)	
20	CA 1 - PRESENTATIONS - UNIT 1 HISTORY OF COMICS/ELEMENTS OF COMICS/UNDERSTANDING COMICS (Feedback)	
21	Deadline- finalisation of CA 3 [submission topics - [Audio/ Video/model/demonstration/artwork]]	
22	CA 2 - Unit 1 test [Feedback] + UNIT 2/3/4 - Readings of Graphic Novels - initial readings within classrooms	
23	UNIT 2/3/4 - Readings of Graphic Novels - initial readings within classrooms	

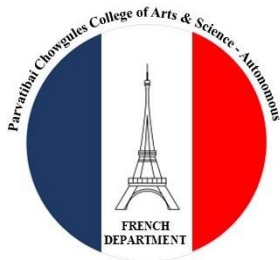
24	UNIT 2/3/4 - Readings of Graphic Novels - initial readings within classrooms	
25	Unit 2 - The Complete Maus - Introduction + Analysis	Spiegelman, Art. MetaMaus.
26	Unit 2 - The Complete Maus - Analysis - Paneling + Lettering	Spiegelman, Art. MetaMaus.
27	Unit 2 - The Complete Maus - Analysis - Context + Approach	Spiegelman, Art. MetaMaus.
28	Unit 2 - The Complete Maus - Analysis - Movement of panels	Spiegelman, Art. MetaMaus.
29	Unit 2 - The Complete Maus - Analysis - Miscellaneous	Spiegelman, Art. MetaMaus.
30	Unit 2 - The Complete Maus - Analysis + feedback	Spiegelman, Art. MetaMaus.
31	CA 2 - Unit 2 test + Feedback	
32	Unit 3 - Watchmen - Introduction + Analysis	Moore, Alan and Dave Gibbons. Watchmen.
33	Unit 3 - Watchmen - Analysis - Superhero? What is he? Contextual discussion	Moore, Alan and Dave Gibbons. Watchmen.
34	Unit 3 - Watchmen - Analysis - Lettering + Panelling [comparison with unit 1]	Moore, Alan and Dave Gibbons. Watchmen.
35	Unit 3 - Watchmen - Analysis - Context + Approach [comparison with unit 1]	Moore, Alan and Dave Gibbons. Watchmen.
36	Unit 3 - Watchmen - Analysis - Movement of panels	Moore, Alan and Dave Gibbons. Watchmen.
37	Unit 3 - V for Vendetta - Introduction + Analysis [anti-hero? Comparison with Watchmen]	Moore, Alan (w) and David (a) Lloyd. V for Vendetta.
38	Unit 3 - V for Vendetta - Analysis - Lettering + Panelling	Moore, Alan (w) and David (a) Lloyd. V for Vendetta.
39	Unit 3 - V for Vendetta - Analysis - Context + Approach + [Last Date for Finalisation of TERM PAPER topics]	Moore, Alan (w) and David (a) Lloyd. V for Vendetta.
40	Unit 3 - V for Vendetta - Analysis - Discussion - Ideas are bulletproof. [Meta-textuality]	Moore, Alan (w) and David (a) Lloyd. V for Vendetta.
41	CA 2 - UNIT 3 + Feedback	
42	Unit 4 - Introduction to Alternative Comics	
43	Unit 4 - Fun Home - Introduction + Analysis	Bechdel, Alison. Fun Home: A Family Tragicomic. Boston: Houghton Mifflin, 2006.
44	Unit 4 - Fun Home - Analysis - Lettering + Panelling [comparison with unit 1/2]	Bechdel, Alison. Fun Home: A Family Tragicomic. Boston: Houghton Mifflin, 2006.
45	Unit 4 - Fun Home - Analysis - Context + Approach [comparison with unit 1/2]	Bechdel, Alison. Fun Home: A Family Tragicomic. Boston: Houghton Mifflin, 2006.
46	Unit 4 - Fun Home - Analysis - Movement of panels	Bechdel, Alison. Fun Home: A Family Tragicomic. Boston: Houghton Mifflin, 2006.
47	Unit 4 - A Contract with God - Introduction + Analysis	Eisner, Will. A Contract with

		God and Other Tenement Stories.
48	Unit 4 - A Contract with God - Analysis - Lettering + Panelling [comparison with unit 1/2]	Eisner, Will. A Contract with God and Other Tenement Stories.
49	Unit 4 - A Contract with God - Analysis - Context + Approach [comparison with unit 1/2]	Eisner, Will. A Contract with God and Other Tenement Stories.
50	Unit 4 - A Contract with God - Analysis - Movement of panels	Eisner, Will. A Contract with God and Other Tenement Stories.
51	CA 3 + Feedback	
52	Review of Units 2/3/4 - Discussions based on Difficulties	
53	Review of Units 2/3/4 - Discussions based on Difficulties	
54	Review of Units 2/3/4 - Discussions based on Difficulties	
55	Review of Units 2/3/4 - Discussions based on Difficulties	
56	Overall Feedback + Review of Content	
57	Discussion on teaching approaches, methodology and suggestions	
58	Review of Units 2/3/4 - Discussions based on Difficulties + Term Paper discussions [SEE]+ work	
59	Review of Units 2/3/4 - Discussions based on Difficulties + Term Paper discussions [SEE]+ work	
60	Review of Units 2/3/4 - Discussions based on Difficulties + Term Paper discussions [SEE]+ work	
61	Review of Units 2/3/4 - Discussions based on Difficulties + Term Paper discussions [SEE]+ work	
62	Review of Units 2/3/4 - Discussions based on Difficulties + Term Paper discussions [SEE]+ work	

Sd /-

Asst. Prof. Andrew Barreto

DEPARTMENT OF ENGLISH
PARVATIBAI CHOWGULE COLLEGE



**Parvatibai Chowgule College of Arts and Science
(Autonomous)
DEPARTMENT OF FRENCH**

Course Title: Language in Context: Developing Reading and Writing Skills LEVEL 2 PART 2

Course Code: FRE-IV.C-6

Marks: 100

Credits: 4

Duration: 60 Hours

Syllabus revised in 2015

Pre-requisites: Any student pursuing the B.A programme in French

Name of the Text: PANORAMA Niveau 2

Syllabus:

Units 4, 5, 6 (Lessons 10-18) of Méthode de Français 'Panorama' 2, will be the syllabus for semester IV

Module 1 (15 hours)

Week	Lesson	Lesson Content	Hours
1	Leçon 10	Grammaire : Les adverbes, le Gérondif, la proposition participe présent Vocabulaire : L'amitié et l'amour, la haine, les impôts. Compréhension et expression écrite : Caractériser des actions, décrire une évolution	4
2		Les relations entre homme et femme, sujets de préoccupations au cours de l'année	2

3	Leçon 11	Grammaire : Les adjectifs et les pronoms indéfinis, expression de la quantité	2
		Vocabulaire : La chanson, sensation et perceptions	4
4		Compréhension et expression écrite : Exprimer un idéal, un rêve passé ou présent	
		La chanson française, idéaux et comportements dans l'année 70, 80,90	2
5	Leçon 12	Grammaire : Les propositions relatives avec qui, que, où, dont	2
		Vocabulaire : Les objets et les actions de la vie domestique	4
6		Compréhension et expression écrite : Réalisation des textes poétiques à partir de structures grammaticales fixes, quelques poètes contemporains, les français et l'humour	2

Module 2 (15 hours)

7	Leçon 13	Grammaire : Le conditionnel passe, le futur antérieur	2
		Vocabulaire : Attitudes et sentiments ; courage, peur, timidité, dangers et risques – sécurité et protection	4
8		Compréhension et expression écrite : Mettre en garde- avertir-conseiller	4
9	Leçon 14	Grammaire : Expression de but, de la cause et de la conséquence	4
10		Vocabulaire : L'agriculture, les végétaux, l'écologie	
		Compréhension et expression écrite : Comprendre une explication, rassurer-donner des garantis, la	2

		protection de l'environnement et du paysage, parcs régionaux et réserves naturelles	2

Module 3 (15 hours)

11	Leçon 15	Grammaire : Situer dans le temps, constructions avec deux pronoms antéposés Vocabulaire : La loi, le droit, la responsabilité	4
12		Compréhension et expression écrite : Demande/ donner une autorisation, informatique, nouvelles technologies et libertés, la ville de Strasbourg	4
13	Leçon 16	Grammaire : Sens et emploi des articles, comparaison et appréciation des quantités Vocabulaire : Objets et fonctionnements technologiques dans la vie quotidienne, les professions	4

Module 4 (15 hours)

14	Leçon 17	Grammaire : Révision des temps du récit, compréhension du passe simple Vocabulaire : Les sciences, la médecine et la santé	2
		Compréhension et expression écrite: Comprendre un récit au passé simple, découvertes scientifiques et technologiques, la génétique en question	2
15	Leçon 18	Grammaire : La nominalisation, expression de l'opposition Vocabulaire : La justice, l'éducation	4

		Compréhension et expression écrite: Faire une liste d'arguments, développer un argument Controverses, débats et procès d'actualités	
		TOTAL	60

References:

1. Echo – Méthode de français B-2 – Clé International
2. Expression Ecrite, Niveau 2 Authors : Michèle Barféty, Patricia Beaujouin

Web References:

1. Français avec Pierre
2. Podcastfrançaisfacile.com
3. Comme une française
4. Un flux RSS
5. Duolingo.com
6. Les Zexperts FLE

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts & Science, Autonomous.

Name of Faculty: Dr Sonia F da Costa

Subject: American Literature of the Twentieth century

Paper code: : ENG-E-2

Program: SY BA

Division: A

Academic year: 2021 - 2022

Semester: III

Total Lectures: 58

1. **Course Objectives:** To study the American Experience as captured in the seminal works of masters of American Literature of the twentieth century.
2. To expose the students through prose and poetry and drama to the various main trends, ideas and forces that shaped the writing of those times.
3. To acquaint students with the following literary movements in America – Realism, Modernism and Harlem Renaissance.

1. **Student Learning Outcome:** Will learn to appreciate American culture and literature
2. Will be sensitized to the American literature and culture during the twentieth century.
3. Will be aware of the experimental nature of American literature like meta fiction, magical realism and confessional literature.
4. Will be knowledgeable about the various socio-political issues that took place in America during the period.
5. Will develop critical thinking and improve communication capabilities.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
September	03-09-2021	16-09-2021	04	Competency Test		Google meet/Power point presentation	
				Introduction to the syllabus			
	20—09- 2021	25-09-2021	04	Unit IV: 1)What <u>is</u> American Dream? 2)Reading poems and discussing about American Dream Unit I : Introduction to Alice Walker		Gmeet Google Classroom	https://www.youtube.com/watch?v= 2d0wYJ4gyA https://www.investopedia.com/terms/a/american-dream.asp
	27-09- 2021	02-10-2021	04	Close reading of the Alice Walker’s novel The Colour Purple 1-9 /10-18/ 19-27/28-36		Gmeet Google Classroom	Walker, Alice. <i>The Colour Purple</i> . US: Mariner, 2006.
October	04-10-2021	09-10-2021	04	Close reading of the Alice Walker’s novel The Colour Purple		Google Classroom	
	11-10-2021	16	04	Close reading of the		PPT	

				Alice Walker's novel The Colour Purple		Google Classroom Jamboard	
	18-10-2021	23	04	Discussing the novel The Colour Purple 1) Gender Roles 2) Racial Discrimination	CA1 Student ppt		
	25-10-2021	30	04	Unit III: Robert Frost a) Mending Wall b) Stopping by the woods c) The Road not taken		Google Classroom	1. Poulin. A. Jr & Michael Waters, ed. <i>Contemporary American Poetry</i> . 8th Edition. Houghton Mifflin Company, 2006. 2. Thomas. C.T. <i>Twentieth Century Verse- American Anthology</i> . Delhi: Macmillan India Ltd, 1999.
Novemb er	8-11-2021	13-11- 2021	04	Theodore Roethke a) My Papa' Waltz Wallace Stevens a) The Emperor of Ice Cream		Google Classroom	https://www.poetryfoundation.org/collections/151109/an-introduction-to-confessional-poetry https://www.modernamericanpoetry.org/school-poetry/confessional

	15-11-2021	20-11-2021	4	<p>1. John Crowe Ransom</p> <p>a) Bells for John Whiteside's Daughter</p> <p>2. Allen Ginsberg</p> <p>a) America</p> <p>b) Ode to Failure</p> <p>3. Robert Lowell</p> <p>a) To Speak of Woe that is Marriage</p>		Google Classroom Quizzes	<p>Beat Movement</p> <p>https://www.britannica.com/art/Beat-movement</p>
	22--11-2021	27-11-2021	4	<p>1. Sylvia Path</p> <p>a) Crossing the water</p> <p>b) Lady Lazarus</p> <p>2. Langston Hughes</p> <p>a) Dreams</p> <p>b) I Too</p>	CA2 Role play	Jamboard Google Classroom	<p>https://www.poetryfoundation.org/collections/151109/an-introduction-to-confessional-poetry</p>
	29--11-2021	04-12-2021	4	<p>Unit II: Arthur Miller - Death of a Salesman</p> <p>Close reading of the play</p>		Google Classroom	<p>Miller, Arthur. <i>Death of a Salesman</i>. Penguin UK, 2011.</p>

	6--12-2021	11--12-2021	4	Arthur Miller - Death of a Salesman Close reading of the play			Miller, Arthur. <i>Death of a Salesman</i> . Penguin UK, 2011.
	13-12-2021	18-12-2021	4	Arthur Miller - Death of a Salesman Close reading of the play	CA3 Open Book test	Google Classroom	Miller, Arthur. <i>Death of a Salesman</i> . Penguin UK, 2011.
	20-12-2021	25--12-2021	4	Movie – Screening DSM Screening movie Gatsby Discussion of Characters, Themes, structure		Movie Google classroom	Miller, Arthur. <i>Death of a Salesman</i> . Penguin UK, 2011.
Jan	03-01-2022	08-01-2022	4	Revision	Term Paper		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	20
ISA 2	20
ISA 3	20
Semester End Exam	40



Parvatibai Chowgule College of Arts and Science
(Autonomous)

Accredited by NAAC with Grade 'A+'
Best Affiliated College-Goa University Silver Jubilee Year Award



Department of English - Second Year SEC

	COURSE	WRITING FOR THE MEDIA II (SEC)
	SEMESTER/YEAR	4/ SYBA
Lecture Hour	Topics	References
1	Intro to Writing for the Media II	
2	Article Writing - Sample + Student Work + Competency Test	
3	Unit 1 - Print Media - Articles/Aether + Aether Issue #7 - Analysis/ Topics for Next	
4	Unit 1 - Print Media -Magazie Articles + Intro to Meraki	
5	Lay-out & Compositing + Editing/Subbing	Reporting for Journalists - Chris Frost
6	Writing, Reviewing and Editing	
7	Unit 1 - Meraki Issue - Editors Review	
8	Unit 1 - Student Work	
9	Using DTP Software To create layouts/designs	Hands-on DTP Software
10	Using DTP Software To create layouts/designs	Hands-on DTP Software
11	Unit II - Electronic Media - FDS + Shooting + editing	
12	Unit II - Electronic Media - Photography Rules + Videography	
13	Unit II - Electronic Media - How to write a screenplay	
14	Unit II - Electronic Media - How to write a screenplay	
15	Unit II - Electronic Media - praxis	Writing for Visual Media - 2nd Edition - Anthony Freidman
16	Unit II - Electronic Media - praxis	
17	Unit II - Electronic Media - praxis	
18	Unit II - Electronic Media - praxis	
19	Unit III - Digital Media - Blogging	
20	Unit III - Digital Media - Blogging	
21	Unit III - Digital Media - Blogging + praxis	Writing for Visual Media - 2nd Edition - Anthony Freidman
22	Unit III - Digital Media - Blogging + Praxis	
23	Unit III - Digital Media - Blogging + Praxis	
24	Unit III - Digital Media - Blogging + Praxis	
25	Unit 1 - Print Media - Praxis + eportfolio	Reporting for Journalists - Chris Frost
26	Unit 1 - Print Media - Praxis + eportfolio	
27	Unit II - Electronic Media - Praxis + eportfolio	
28	Unit II - Electronic Media - Praxis + eportfolio	Writing for Visual Media - 2nd Edition - Anthony Freidman
29	Unit III - Digital Media - Blogging + ePortfolio	
30	Unit III - Digital Media - Blogging + ePortfolio	

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts & Science, Autonomous.

Name of Faculty: Dr
Sonia Fernandes Da Costa

Subject: Shakespeare Today

Paper code: ENG-E-9

Program: TY BA

Division: A

Academic year: 2021 -
2022

Semester: V

Total Lectures: 57

Course Objectives:

1. To acquaint the students with the various forms of literature which are based on the works of William Shakespeare.
2. To foster an interest in the students in exploring the various literary works produced by Shakespeare.
3. To establish a link between the era of Shakespeare and the contemporary times.

Expected Course Outcome:

Student Learning Outcome:

1. The students should be able to identify the various themes presented in the works of Shakespeare.
2. The students should be able to appreciate the genius of Shakespeare and its relevance in today's era.
3. The students should be able to understand the various genres that Shakespeare's plays have been adapted into.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
Sept	01-09-2021	04-09-2021	04	Reading Story Beauty & the Beast Watching movie Beauty & the Beast Analyzing and comparing the text and the movie		Google meet/ Power point presentation / Moodle LMS	https://www.academia.edu/38731215/THE_STORY_OF_THE_BEAUTY_AND_THE_BEAST_The_Original_Classic_French_Fairytale_UNABRIDGED_EDITION_Story_by_Madame_de_Villeneuve https://classroom.google.com/w/Mzg3ODk1MDQwMTkz/t/all
	16-09-2021	18-09-2021	04	Unit 1: The Elizabethan Age ,		Google Classroom, Ppt	https://www.history.com/this-day-in-history/elizabethan-age-begins

				Social life, Theatre		video	
	20--09-2021	25-09-2021	04	Unit 1: Comedy, History, Tragedy		Google Classroom, Ppt video	https://www.litgalaxy2019.com/2021/07/shakespearean-problem-plays-elizabethan-drama.html 1. Siegel, Paul. <i>Shakespeare's English and Roman History Plays: A Marxist Approach</i> . Associated University Presses, 1964.
Sept/Oct	27-09-2021	02-10-2021	02	Hamlet		Google Classroom,	https://classroom.google.com/w/Mzg3ODk1MDQwMTkz/t/all Hamlet by William Shakespeare Fingerprint! Publishing (1 May 2015)
	4-10-2021	9-10-2021	04	Close reading of the text		Google Classroom	https://classroom.google.com/w/Mzg3ODk1MDQwMTkz/t/all Hamlet by William Shakespeare Fingerprint! Publishing (1 May 2015)
	11-10-2021	16-10-2021	04	Close reading of the text		Google Classroom	https://classroom.google.com/w/Mzg3ODk1MDQwMTkz/t/all Hamlet by William Shakespeare Fingerprint! Publishing (1 May 2015)
	18-10-2021	23-10-2021	04	Screening Hamlet – Kenneth		Video	<i>Hamlet</i> . Dir. Kenneth Branagh. Columbia Pictures, 1996. Film.

				h Branna gh			
	25- 10- 2021	31- 10- 2021	04	Discuss ion of the movie CA1 Role Play	CA1 Role play		
Novem ber	08-- 11- 2021	13- 11- 2021	04	Unit 4: Review of Shakes pearea n Plays by Moder n Schools of Criticis m Screeni ng Haider		Goog le Classr oom	<ol style="list-style-type: none"> 1. Lupton, Julia. <i>After Oedipus: Shakespeare in Psychoanalysis</i>. Cornell University Press, 1993. 2. Lenz, Carolyn. <i>The Woman's Part: Feminist Criticism of Shakespeare</i>. University of Illinois Press, Chicago, 1984.
	15-- 11- 2021	20- - 11- 2021	04	Unit 3: Compa ring ext and the movie Haider		Goog le Classr oom	

				Unit 2: Intro duction to I, Iago			
	22-- 11- 2021	27- - 11- 202 1	04	Close reading of the text		Goog le Classr oom	
Nov/ Dec	29- 11- 2021	5- 12- 202 1	04	Close reading of the text		Goog le Classr oom	
Dec	6-12- 2021	11- 12- 202 1	04	Discuss ion on the text and the paly Screeni ng movie Maqbo ol (Macbet h)		Goog le Classr oom	Nagarajan, S & Viswanathan. R, ed. <i>Shakespeare in India</i> . S. OUP India Publishers, 1987
Dec	13- 12- 2021	18- 12- 202 1	04	Compa ring Text and the moviie	CA2	Goog le Classr oom	
Janu	02-	09-	04	Screeni	CA 3	Goog	Garber, Majorie. <i>Shakespeare and Modern Culture</i> . Random House Inc, New York,

ary	01-2022	01-2022	ng Gnome and Juliet Discuss ion on the text and the movie Submis sion of CA 3	subm ission	le Classr oom, ppt	2008
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**Assessment
Rubrics**

Component	Max Marks
ISA 1	20
ISA 2	20
ISA 3	20
Semester End Exam	40

FRENCH



**Parvatibai Chowgule College of Arts and Science
(Autonomous)
DEPARTMENT OF FRENCH**

Course Title: French for Tourism and Hospitality Part 2

Course Code : FRE-E-6

Credits : 4

Marks: 100

Duration: 60 Hours

Syllabus introduced in 2016

Pre-requisites: Any student pursuing the B.A programme in French.

Name of the Text: Tourism.Com

Syllabus:

Units 1, 2, 3 and 4 of **Tourisme.com** will be the syllabus for this course. Selected parts of Units 5 and 6 will be included in the syllabus.

Week	Lesson	Lesson Content	Hours
1	Leçon 1	Se présenter et parler de son métier Se présenter, présenter son métier C'est/il est, indicatif présent d'être et avoir ; verbes en - er, forme négative	4
2	Leçon 2	Présenter son entreprise Présenter une entreprise touristique Articles définis, articles indéfinis	2
3	Leçon 3	Engager une conversation téléphonique Indicatif présent verbes irréguliers Nombres cardinaux	4
4	Leçon 4	Prendre contact par écrit Comprendre et rédiger un CV Adjectives qualificatifs : Genre et nombre Faites le point grammatical	2 2

		Faites le point professionnel	
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Module 2 (15 hours)

5	Leçon 1	Renseigner à l'aéroport Ire un plan, Indiquer la direction Il faut, impératif présent, nombres ordinaux	4
6	Leçon 2	Accueillir les passagères Accueillir et servir les passagères au bord d'un avion Adjectifs possessifs, articles partitifs	4
7	Leçon 3	Informers les voyageurs Lire un indicateur horaire et informer sur les horaires Expression du temps : heures et dates	2
8	Leçon 4	Vendre un billet de train Expliquer un billet de train Prendre une réservation L'interrogation	2
		Faites le point grammatical Faites le point professionnel	2

Module 3 (15 hours)

9	Leçon 1	Établir un programme d'animation	2
		Concevoir, rédiger et présenter un programme Futur proche, indicatif futur simple	4
10	Leçon 2	Animer un village de vacances Concevoir et proposer des animations Adjectifs démonstratifs, articles contractés	4
11	Leçon 3	Renseigner sur les manifestations Connaitre le calendrier des jours fériés, renseigner sur le programme des manifestations Pronoms relatifs : Qui et que	2

12	Leçon 4	Évaluer une animation Evaluer une présentation touristique Indicatif, passé composé, passé récent Faites le point grammatical, faites le point professionnel	3
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Module 4 (15 hours)

	Leçon 1	Informé à l'office du tourisme Renseigner sur les activités proposées par une ville Préposition de lieu	1
13	Leçon 2	Traiter des demandes écrites Rédiger une lettre commerciale Formes linguistiques de la lettre commerciale : Mise en forme et formules	2
	Leçon 3	Promouvoir un site touristique Rédiger une lettre publipostage	2
14	Leçon 4	Des brochures pour informer Comprendre la demande d'un visiteur et proposer une documentation adéquate	2
	Unité 5	Identifier des produits touristiques Connaitre les caractéristiques techniques Rédiger un circuit Se familiariser avec la mise en forme, le style des brochures des voyagistes Mener un entretien de vente Nominalisation Annuler une réservation et proposer des solutions des remplacements	2 2
15	Unité 6	Utiliser des outils documentaires : guide et cartographie Préparer une visite guidée Décrire un monument : Son histoire, son architecture et les anecdotes qui lui sont liées	4

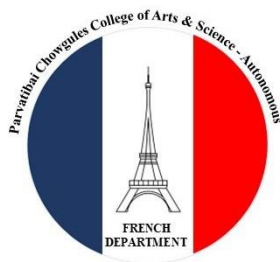
		Gérer un groupe, adapter commentaires et attitudes au groupe Faire le point professionnel	
		TOTAL	60

References :

1. Français Hôtellerie – Restauration. Com
Auteurs : J.L. Penfornis/ S. Corbeau/ Ch. Dubois/L. Sémichon/
L. Habert
2. Français du Tourisme
3. Bon Voyage
4. A votre Service – Level 2
5. Carnet de voyage
6. French for Hotel Management & Tourism Industry : S.
Bhattacharya/ Uma S. Bhalerao
7. Service Compris – Author : Serge Heliot
8. Bon Voyage - Author : Mc-Graw Hill Education
9. A votre Service-Part 2 – Author: Rajeswani Chanderasek
Krishnan.

Web References :

1. Le tourisme en France – Worldcat.org
Tourisme en France, les principaux chiffres et sites
2. Tourisme en France avec TV5
3. Le Tourisme en France : les chiffres clés du secteur
Dix chiffres sur le Tourisme en France et dans le monde
4. Paris – Office du Tourisme – site officiel
5. France tourisme.fr



Parvatibai Chowgule College of Arts and Science

(Autonomous)

DEPARTMENT OF FRENCH

Course Title: Research Paper – TYBA Project - Dissertation

Marks: 100

Credits: 4

Duration: One Academic year (2021-22)

Semester : 5/6

Pre-requisites: Any student pursuing the B.A programme in French and opting to complete the Project work with the department of French.

Topic: Une étude comparative de l'origine de quelques expressions proverbiales et idiomatiques en Français et en Konkani

No. Of Students : 3

No. Of hours allotted per week: 4

Guide: Asst. Professor Carol Barreto Miranda

Week	Topic	Month	Hours
1	L' introduction général	October	4
2	L'objectif Les méthodes de recherche	November	4
3	Le problématique	December	4
	Présentation de la langue a) Le français (histoire et évolution) b) Le konkani (histoire et évolution)	January	4

4	Les expressions proverbiales et idiomatiques en français	February	4
5	Les expressions proverbiales et idiomatiques en konkani	March	4
6	Les thèmes prédominants dans les proverbes et idiomes français Les thèmes prédominants dans les proverbes et idiomes konkani	April	
7	La comparaison	May	2
8	La conclusion	May	2



**Parvatibai Chowgule College of Arts and Science
(Autonomous)
DEPARTMENT OF FRENCH**

Course Title: Language in Context: Developing Reading and Writing Skills- LEVEL 1 PART 2

Course Code : FRE-II.C-3

Marks: 100

Credits: 4

Duration: 60 Hours

Syllabus introduced in 2019

Pre-requisites: Any student pursuing the B.A programme in French.

Name of the Text: ECHO A1

Syllabus:

Lessons 7-12 of Méthode de français ECHO A1 will be the syllabus for semester II

Module 1 (15 hours)

Week	Lesson No.	Content Matter	Hours
1	Leçon 7	Grammaire : La conjugaison pronominale, l'impératif, l'expression de la quantité, (peu, un peu, quelques, etc.)	4
	Leçon 7	Vocabulaire : Les activités quotidiennes, les achats, l'argent	
	Leçon 7	Discours en continu : Raconter sa journée	

2	Leçon 7	Compréhension des textes : Extraits d'un guide touristique, les activités gratuites en France	4
	Leçon 7	Écriture : Rédaction d'un bref document d'information	
	Leçon 7	Civilisation : Comportement en matière d'achat et d'argent	
3	Leçon 8	Grammaire : Prépositions et adverbess de lieu, verbes exprimant un déplacement (emploi des prépositions)	4
	Leçon 8	Vocabulaire : Le logement, la localisation, l'orientation, l'état physique, le temps qu'il fait	
5	Leçon 8	Discours en continu : Parler d'un cadre de vie (lieu-climat-etc), décrire un logement	3

Module 2 (15 hours)

	Leçon 8	Compréhension des textes : Lettre ou carte postale (nouveau logement et nouveau cadre de vie)	1
6	Leçon 8	Écriture : Rédaction d'une carte ou d'un message de vacances	4
	Leçon 8	Civilisation : Le climat en France, les cadres de vie (ville et campagne)	
7	Leçon 9	Grammaire : L'imparfait, emploi du passé composé et de l'imparfait, expression de la durée, l'enchaînement des	4

		idées (alors -donc-mai), le sens réciproque	
	Leçon 9	Vocabulaire : Les moments de la vie, la famille, les relations amicales, amoureuses, familiales)	
8	Leçon 9	Discours en continu : Raconter brièvement un souvenir, présenter sa famille, faire brièvement la biographie d'une personne	4
	Leçon 9	Compréhension des textes : Pages spectacles d'un magazine, présentation des films sur le thème du couple)	
9	Leçon 9	Écriture : Rédactions de commentaires de photos	2
	Leçon 9	Civilisation : Le couple et la famille	

Module 3 (15 hours)

	Leçon 10	Grammaire : Les pronoms compléments directs, les pronoms compléments indirects de personne, l'expression de la fréquence et de la répétition	2
10	Leçon 10	Vocabulaire : Les moyens de communication (courrier, téléphone, internet)	4
	Leçon 10	Discours en continu : Parler des moyens de communication	
11	Leçon 10	Compréhension des textes : messages de vœux, souhaits, remerciements, félicitations, excuses	4
	Leçon 10	Écriture : Rédaction de petits messages	

12	Leçon 10	Civilisation : Conseils de savoir-vivre en France	4
	Leçon 11	Grammaire : Passé récent, présent progressif, future proche, action achevée/inachevée	
13	Leçon 11	Vocabulaire : Le corps, la santé et la maladie	1
	Leçon 11	Discours en continu : Parler de ses activités de loisirs	

Module 4 (15 hours)

13	Leçon 11	Compréhension des textes : Extraits de magazines : instructions	3
	Leçon 11	Écriture : Bref exposé écrit d'un problème personnel	
14	Leçon 11	Civilisation : Conseils pour faire face aux situations d'urgence	4
	Leçon 12	Grammaire : La place de l'adjectif, la proposition relative avec « qui », c'est/il est, impératif des verbes avec pronoms, la formation des mots	
	Leçon 12	Vocabulaire : La description physique et psychologique des personnes, les vêtements, les couleurs	
15	Leçon 12	Discours en continu : Exposer un problème personnel (santé, relation, etc), donner des conseils à quelqu'un qui a un problème personnel	4
16	Leçon 12	Compréhension des textes : Extraits de magazine : description de comportements	4
	Leçon 12	Écriture : Se présenter par écrit	

	Leçon 12	Civilisation : Quelques styles comportementaux et vestimentaire en France	
	TOTAL		60

References:

Méthodes :

1. Alter Ego – Niveau 1 / Michel Guilloux – Publisher : Hachette
2. Champion – Niveau1/ [Annie Monnerie-Gmoarin](#) – Publisher : CLE International
3. Panorama – Niveau 1/ Jacky Girardet, Jean Marie Cridlig – Publisher : CLE International

Web References :

1. Français avec Pierre
2. Podcastfrançaisfacile.com
3. Comme une française
4. Un flux RSS
5. Duolingo.com
6. Les Zexperts FLE



Parvatibai Chowgule College of Arts and Science
(Autonomous)

DEPARTMENT OF FRENCH

Course Title: Language in context: Developing Reading and Writing Skills LEVEL 3 PART 2

Course Code : FRE VI. C-8

Marks: 100

Credits: 4

Duration: 60 Hours

Syllabus revised in 2015

Pre-requisites: Any student pursuing the B.A programme in French can opt for this course.

Name of the Text: PANORAMA Niveau 3

Syllabus:

Units 7,8,9,10,11,12 of Méthode de Français Panorama - 3, will be the syllabus for semester 6

WEEK	CONTENT MATTER	HOURS
1	Grammaire : Caractérisation du nom : place de l'adjectif, complément déterminatif, proposition participes Cahier d'exercices	4
2	Thèmes et Civilisation : Les spectacles, les arts, les loisirs à caractère culturel. La poésie. Situations écrites et orales : Appréciation des poèmes connus	4

3.	<p>Les activités de loisir pratiqués par les jeunes.</p> <p>Situations des « coups de cœur »</p> <p>Situation de choix : propositions, hésitations, décisions, acceptation, remerciements</p>	4
4	<p>Grammaire :</p> <p>Déroulement et durée de l'action. Expression de la conséquence.</p> <p>Thèmes et Civilisation :</p> <p>L'aventure, le couple. Les problèmes sociaux. L'économie.</p>	4
5	<p>Situations écrites et orales :</p> <p>Découvrir les événements, des problèmes sociaux économiques ou quotidiens considérés comme des défis à l'homme aujourd'hui.</p> <p>Raconter votre défi, le plus ambitieux.</p> <p>Le comportement des hommes et des femmes dans un couple.</p> <p>Expression du déroulement et des conséquences des actions.</p> <p>Jugements : approbation, désapprobations, pardon et réprimandes</p>	4
6	<p>Grammaire</p> <p>Expression de l'opposition et de la concession</p> <p>Cahier d'exercices</p>	4
7	<p>Thèmes et Civilisation :</p> <p>de mentalité et valeurs des français. Questions d'éducation. Immigration, Tiers-Monde</p> <p>Traits</p>	4
8	<p>Situations écrites et orales :</p> <p>Les comportements/attitudes contradictoires, que l'on peut trouver dans la mentalité et les comportements des habitants de votre pays.</p> <p>Les caractéristiques attribués par rapport aux autres peuples. Leurs héros et leurs antihéros</p> <p>Vos opinions à propos l'éducation dans votre pays, l'immigration et la politique. Actes de communication propres aux conversations et aux débats</p>	4
9	<p>Grammaire :</p>	

	<p>Forme passive. Forme pronominale à sens passif</p> <p>Forme impersonnelle.</p> <p>Grammaire :</p> <p>Forme passive. Forme pronominale à sens passif</p> <p>Forme impersonnelle.</p>	4
10	<p>Découvrir des usages, des comportements, des tabous propres sur les aspects de repas à votre pays.</p> <p>Les types d'invités.</p> <p>Les gaffes commises en société.</p> <p>Lettre privée : Invitation et réponse.</p> <p>Demandes d'autorisation. Autorisation et refus. Excuses.</p>	4
11	<p>Cahier D'exercices</p> <p>All grammar exercises from the work book.</p>	4
12	<p>Grammaire :</p> <p>Caractérisation des actions par un adverbe, une construction adverbiale, un gérondif, une préposition participe.</p> <p>Importance de la publicité – Le rôle de marketing</p> <p>Situations d'achats et opérations bancaires</p> <p>Situations d'achats et opérations bancaires</p>	4
13	<p>Thèmes et Civilisation :</p> <p>Tendance de la consommation. Types sociaux et psychologiques.</p> <p>L'argent – L'imaginaire</p> <p>Situations écrites et orales:</p> <p>Types de consommateurs</p> <p>Conception et réalisation des différentes étapes pour l'amélioration d'un produit ou la création d'un nouveau produit.</p>	4
14	<p>Situations écrites et orales :</p> <p>Expression des opinions – conseiller et déconseiller.</p> <p>L'importance de Lire- ce que la lecture vous apporte.</p>	4
15	<p>Les façons de s'évader de la vie quotidienne.</p> <p>Expressions des opinions. Conseiller ou déconseiller</p>	4

	TOTAL	60
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References:

1. Version Originale – Goyal Publications
2. Alter Ego – Hachette
3. Saison – Didier
4. A Propos – French and European Publications Inc
5. Clé Internationale

Web Références :

1. Français avec Pierre
2. Podcastfrançaisfacile.com
3. Comme une française
4. Un flux RSS

Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Margao

Name of Faculty: Mr Ashwini Ashish

Subject: Geography(Coastal Geomorphology)

Paper code: GEG –SE5

Program/Course: SY B.Sc

Division:

Academic year: 2020 - 2021

Semester: IV

Total Lectures: 45

Course Objectives: :

To familiarize students about the mechanism of landform development resulting from coastal processes.

Course Learning Outcome:

At the end of this course, students will be able to:

C01: Understand various processes and associated landforms in coastal region

C02: Learn the methods of coastal hazard management

C03: Prepare and interpret coastal landscape maps.

C04: Conduct beach profiling using survey instruments.

Month	Lectures		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome :Students will learn about	ICT Tools	
	From:	To:					
February	15/02/2021	25/02/2021	06	Introduction to coastal Processes	The coastal processes: erosional, transportation and deposition, Wave and its type, Tide and its type and significance	Google classroom/Power point presentation/ discussion	Kale, V. S. and Gupta, A. (Rep.2011): Introduction to Geomorphology
				Waves: Formation,			
				Drifts and Tides.			
March	01/3/2021	31/3/2021	15	Types of coastlines,	Jhonsons and shephards classification of coastline, Coastal erosion, depositional features Beach morphology: Shape, size and dimension Different types of beaches.	Google classroom/Power point presentation/ discussion	Kale, V. S. and Gupta, A. (Rep.2011): Introduction to Geomorphology
				Coastal erosion and deposition.			
				Coastal landforms.			
				Beach Geomorphology:			
				Types and Configuration of beaches			
April	05/04/2021	28/04/2021	12	Coastal wetlands.	Knowledge about wetlands and types.	Google classroom/Power	Singh, Savindra (Rep. 2011):

				Coral reefs	Meaning of coral,suitable condition,threat and solution of coral problems. Various aspects of coastal envt and coastal ecosystem, types of coastal ecosystem	point presentation/ discussion	Geomorphology
			marine environment.				
			Coastal ecosystem:Meaning				
May	03/5/2021	26/05/2021	12	Meaning of Coastal Hazard Management.	Meaning of hazard and disaster What is management Types of coastal hazards	Google classroom/Power point presentation/ discussion	
				Cyclone,Tsunami and its impact	Causes and effects of cyclone and tsunami on coast	Google classroom/Power point presentation/ discussion	Kale, V. S. and Gupta, A. (Rep.2011): Introduction to Geomorphology
				Coastal Ecosystem Management.	Way to manage costal hazards or problems	Google classroom/Power point presentation/ discussion	Kale, V. S. and Gupta, A. (Rep.2011): Introduction to Geomorphology

Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Margao		
Name of Faculty: Mr Ashwini Ashish		
Subject: Geomorphology: Landforms and Processes (Theory)		
Paper code: GEG-V.C7	Program/Course: T.Y B.A	Division:
Academic year: 2021- 2022	Semester: V	Total Lectures: 45
Course Objectives: To provide the basic concepts, theories and applications in geomorphology		
Course Learning Outcome: At the end of this course, students will be able to: CO1: Understand the nine fundamental concepts of Geomorphology. CO2: Understand theories of plate tectonics, mountain building, drainage systems and patterns. CO3: Identify and distinguish geomorphic processes and landforms created by rivers. CO4: Identify and distinguish geomorphic processes and landforms created by glaciers. CO5: Prepare Slope map using aspect map and isotan map. CO6: Independently prepare a drainage map.		

Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
September	6/09/2021	29/09/2021	09	Nature, Scope and significance of geomorphology	Students will learn about the basics of geomorphology and concept of time scale and continental drift	Google classroom/Power point presentation/discussion	Singh, S. 2005 : Geomorphology, PrayagPustakBhawan , Allahabad
				Geological timescale.			
				Continental Drift Theory			
October	5/10/2021	27/10/2021	09	Theory of Isostasy – Airy'	Knowledge about basic concept like isostasy, sea floor spreading, process of vulcanicity	Google classroom/Power point presentation/discussion	Singh, S. 2005 : Geomorphology, PrayagPustakBhawan , Allahabad
				Theory of Isostasy – Pratt.			
				Concept of seafloor spreading			
				Vulcanicity and			

				the related landforms			
November	09/11/2021	30/11/2021	10	Cycle of erosion – Davis and Penck	Holistic knowledge about cycle of erosion, rejuvenation	Google classroom/Power point presentation/discussion	Singh, S. 2005: Physical Geography, Prayag Pustak Bhawan, Allahabad
				Concept of rejuvenation.			
				Geomorphic processes and landforms			
December 2021	1/12/2021	22/12/2021	10	Study of Aeolian processes and the resultant landforms- erosional, transportational and depositional.	Students will learn about the Aeolian and karst landforms	Google classroom/Power point presentation/discussion	Singh, S. 2005: Physical Geography, Prayag Pustak Bhawan, Allahabad
				Study of Karst processes and the resultant	About the a subject	Google classroom/Power point presentation/discussion	

				landforms-erosional, transportational and depositional.			
					About	Google classroom/Power point presentation/discussion	
Jan 2022	4/1/21	5/1/21	3	Revision			Singh, S. 2005: Physical Geography, Prayag Pustak Bhawan, Allahabad

*** Assessment Rubrics**

Component	Max Marks
CA 1	30
CA2	30
CA3	30
Practical	25
Semester End Exam	45

GEOGRAPHY

Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Margao

Name of Faculty: Mr Ashwini Ashish

Subject: Geography (Fluvial geomorphology)

Paper code: GEG –SE6

Program/Course: SY B.Sc

Division:

Academic year: 2021-22

Semester: IV

Total Lectures: 45

Course Objectives: :

To introduce students to fluvial landforms and processes.

Course Learning Outcome:

At the end of this course, students will be able to:

- CO1:** Understanding the fundamental concepts of river and its processes.
- CO2:** Prepare drainage map and interpret fluvial landscape.
- CO3:** Conduct survey for river profiling using instruments.
- CO4:** Carry out morphometric analysis of a river basin.
- CO5:** Correlate drainage pattern with structural features.

Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome :Students will learn about	ICT Tools	
march	3/3/22	29/3/22	13	Introduction River and Stream meaning Drainage basin and network Basin characteristics	Meaning of river and streams. Understanding about watershed, river network system and properties of river basin	Google classroom/Power point presentation/discussion	Kale, V. S. and Gupta, A. (Rep.2011): Introduction to Geomorphology
April	4/4/22	26/4/22	12	River Dynamics, River Classification, Phases of development Patterns. Fluvial processes: Erosion, Transportation Deposition.	Various aspects of river , types of river,Glocks model of river development, various patterns of river. River processes and landforms	Google classroom/Power point presentation/discussion	Kale, V. S. and Gupta, A. (Rep.2011): Introduction to Geomorphology
May	2/5/22	31/5/22	13	Fluvial cycle :Introduction Davis cycle Penck cycle Fluvial landforms. Applied fluvial geomorphology:Introduction	Concept of cycle of landform development of Davis and Penck and associated features . meaning of applied geomorphology	Google classroom/Power point presentation/discussion	Singh, Savindra (Rep. 2011): Geomorphology
June	6/6/22	28/6/22	12	Environmental changes :	Meaning of envt changes.	Google classroom/Power	

			Meaning		point presentation/discussion	
			Impact of envt changes on river metamorphosis.	Impact of envt changes on the nature of rivers with the help of case studies	Google classroom/Power point presentation/discussion	Kale, V. S. and Gupta, A. (Rep.2011): Introduction to Geomorphology
			Flood and its impact (case studies)	3 case studies related to flood. Causes and impact of flood	Google classroom/Power point presentation/discussion	Kale, V. S. and Gupta, A. (Rep.2011): Introduction to Geomorphology

Practical Plan

Name of the college: Parvatibai Chowgule college, Margao

Name of Faculty: Ashwini Ashish

Subject: Fundamentals of physical geography

Paper code: GEG-SE6

Program: sybsc

Division:

Academic year: 2021 - 2022

Semester: IV

Total Practicals/Labs: 15

Credits: 1

Course Objectives: Students will be able to learn the techniques to do fluvial analysis

Expected Course Outcome:

Understanding the fundamental concepts of

river and its processes. Prepare drainage map and interpret fluvial landscape. Conduct survey for river profiling using instruments. Carry out morphometric analysis of a river basin. Correlate drainage pattern with structural features.

Student Learning Outcome:

Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
March	9 th to 30 th 2022	4	Preparation of drainage map. Identification and Interpretation of fluvial landforms, Patterns and processes from SOI toposheet.	Singh Savindra, Geomorphology, Allahabad
April	6 th to 27 th 2022	4	SI Identification and Interpretation of fluvial landforms, Patterns and processes from SOI toposheet. Slope analysis.	Singh Savindra, Geomorphology, Allahabad
May	4 th to 25 th 2022	4	Drainage basin morphometry: Morphometric analysis of drainage basin.	Singh Savindra, Geomorphology, Allahabad

June	1 st to 22 nd 2022	4	Field visit : river Profiling and to observe fluvial processes	Singh Savindra,Geomorphology,Allahabad

Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Margao

Name of Faculty: Mr Ashwini
Ashish

Subject: Basics of Geomorphology (Theory)

Paper code: GEG-IV.C6

Program/Course: SY B.A

Division:

Academic year: 2021- 2022

Semester: IV

Total Lectures: 45

Course Objectives: To provide the basic concepts, theories and application in geomorphology

Course Learning Outcome:

At the end of this course, students will be able to:

CO1: Understand basic concepts of Geomorphology.

CO2: Understand theories of continental drifts, Isostasy sea floor spreading,

CO3: Analyze different types of slopes using contouring method.

CO4: Identify and distinguish geomorphic processes and landforms created by winds, underground water.

CO5: Analyze river basin based on morphometric parameters.

Identify and independently interpret relief features and their associations on SOI toposheets

Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
March	3/3/22	31/3/22	9	Fundamental concepts in geomorphology- detail study of all nine fundamental concepts and their relevance in understanding Geomorphological processes.	Understand basic concepts of Geomorphology .	Google classroom/Power point presentation/ discussion	Singh, S. 2005 : Geomorphology, PrayagPustakBhawan, Allahabad Kale.V.S and Gupta Avijit, Introduction to Geomorphology
April	4/4/22	30/4/22	11	Fundamental concepts in geomorphology Selected Theories in geomorphology <ul style="list-style-type: none"> • Tetrahedral theory. • Plate tectonics and mountain building. • Theories of slope development. • Slope- their stability and failures. 	Understand basic concepts of Geomorphology . Understand theories of Tetrahedral,slope,plate tectonic	Google classroom/Power point presentation/ discussion	Singh, S. 2005 : Geomorphology, PrayagPustakBhawan, Allahabad Kale.V.S and Gupta Avijit, Introduction to Geomorphology
				Drainage systems and patterns. Agents, processes and landforms: erosional, transportation and depositional.	Understand concept of drainage and geomorphological processes .		

May	2/5/22	31/5/22	12			Google classroom/Power point presentation/ discussion	Singh, S. 2005 : Geomorphology, PrayagPustakBhawan, Allahabad Kale.V.S and Gupta Avijit, Introduction to Geomorphology
June	4/6/22	30/6/22	13	<ul style="list-style-type: none"> • Fluvial landforms • Glacial landforms 	Understand fluvial and glacial processes and landforms	Google classroom/Power point presentation/ discussion	Singh, S. 2005 : Geomorphology, PrayagPustakBhawan, Allahabad Kale.V.S and Gupta Avijit, Introduction to Geomorphology

Practical Plan

Name of the college: Parvatibai Chowgule college, Margao

Name of Faculty: Ashwini Ashish

Subject: Basics of Geomorphology (Practical)

Paper code: GEG-IV.C6

Program: SYBA

Division:

Academic year: 2021 - 2022

Semester: IV

Total Practicals/Labs: 15

Credits: 1

Course Objectives: To develop the skills of identification and interpretation drainage map and to do slope analysis

Expected Course Outcome: At the end of the course students are expected to Analyze different types of slopes using contouring method.
Identify and distinguish geomorphic processes and landforms created by winds, underground water.
Analyze river basin based on morphometric parameters.
Identify and independently interpret relief features and their associations on SOI toposheets.

Student Learning Outcome:				
Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
March	8 th to 29 th 2022	4	Slope analysis – Aspect map and Isotan map	Sarkar, Ashis, 2000: Practical Geography: A Systematic Approach, Orient Longman Pvt. Ltd., Kolkata. Kale V.S. and Gupta Avijit (2000): Introduction to Geomorphology, Orient Black Swan Publications Monkhuse, F.J. and Wilkinson, H.R., 2009: Maps and Diagrams, B.I. Publications Pvt. Ltd., New Delhi
April	5 th to 26 th 2022	4	Identification of river patterns from SOI toposheet and Satellite Image	Sarkar, Ashis, 2000: Practical Geography: A Systematic Approach, Orient Longman Pvt. Ltd., Kolkata. Kale V.S. and Gupta Avijit (2000): Introduction to Geomorphology, Orient Black Swan Publications Monkhuse, F.J. and Wilkinson, H.R., 2009: Maps and Diagrams, B.I. Publications Pvt. Ltd., New Delhi
May	10 th to 31 st 2022	4	Preparation and interpretation of drainage map using	Sarkar, Ashis, 2000: Practical Geography: A Systematic Approach, Orient Longman Pvt.

			SOI toposheet for humid/tropical	Ltd., Kolkata. Kale V.S. and Gupta Avijit (2000): Introduction to Geomorphology, Orient Black Swan Publications Monkhouse, F.J. and Wilkinson, H.R., 2009: Maps and Diagrams, B.I. Publications Pvt. Ltd., New Delhi
June	7 th to 28 th 2022	4	Preparation and interpretation of drainage map using SOI toposheet for arid/dry region)	Sarkar, Ashis, 2000: Practical Geography: A Systematic Approach, Orient Longman Pvt. Ltd., Kolkata. Kale V.S. and Gupta Avijit (2000): Introduction to Geomorphology, Orient Black Swan Publications Monkhouse, F.J. and Wilkinson, H.R., 2009: Maps and Diagrams, B.I. Publications Pvt. Ltd., New Delhi

Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Margao

Name of Faculty: Mr Ashwini Ashish

Subject: Geography (Regional Geography of India)

Paper code: GEG -E7

Program/Course: SY B.A

Division:

Academic year: 2021 - 2022

Semester: IV

Total Lectures: 45

Course Objectives: The course is aimed at presenting an integrated and empirically based profile of India and Goa

Course Learning Outcome:

At the end of this course, students will be able to:

CO1: Have an understanding of the inter linkages and interaction between physical aspects and resource base of India and Goa

CO2: Learn the skills of choosing appropriate cartographic techniques to quantitatively represent regional aspects of India and Goa

CO3: Infer the processes that operate through space and time in different regions of India and Goa

CO4: Understand the recent development and changes in context of India.

Month	Lectures		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
	From:	To:					
March 2022	3 march	31 march	13	Introduction	Students will learn about the location and physical division of India	Google classroom/Power point presentation/discussion	Khullar, D.R. (2011): "Indian-A Comprehensive Geography"
				India: Location, Geology,			
				Morphological divisions			
April	7 april	28 april	09	Drainage System,	Knowledge about the river system, types of soil, forest of India and about traditional and recent development in Indian agriculture	Google classroom/Power point presentation/discussion	Khullar, D.R. (2011): "Indian-A Comprehensive Geography"
				Soil,			
				Forest			
				Indian Agriculture			
May	2 may	31 may	10	Indian agriculture	Holistic knowledge about mineral distribution, special economic zone, IT, Golden quadrangle and konkan railway project About the location of Goa on map	Google classroom/Power point presentation/discussion	Khullar, D.R. (2011): "Indian-A Comprehensive Geography"
				Water resource			
				Industrialization			
				Trade and Transport			
June	2 june	30 june	13	Goa-Location	Students will	Google	Alvares Claude

			divisions, soils, vegetation,	learn about the physical division, types of soil and forest of Goa	classroom/Power point presentation/discussion	(2002), Fish, Curry and Rice:
			Mineral resources, Mining and water resources,	About the distribution of minerals and water resource	Google classroom/Power point presentation/discussion	Alvares Claude (2002), Fish, Curry and Rice:
			Population, Tourism, Industrialization Trade, Transport and Communication	About population distribution and density, industries in Goa, and types of trade and transport	Google classroom/Power point presentation/discussion	Alvares Claude (2002), Fish, Curry and Rice:

Practical Plan

Name of the college: Parvatibai Chowgule college, Margao				
Name of Faculty: Ashwini Ashish		Subject: Regional Geography of India (Practical)		
Paper code: GEG-E7	Program: SYBA	Division:		
Academic year: 2021 - 2022	Semester: IV	Total Practicals/Labs: 15		
Credits: 1				
Course Objectives: To develop the skills of mathematical and cartographic representation and geographical data of India and Goa				
Expected Course Outcome: At the end of the course students are expected to learn the techniques of representing data related to India and Goa through analysis and cartographic representation.				
Student Learning Outcome:				
Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
March	5 th to 26 th 2022	4	Cartographic representation and mapping of	Singh, R.L.: Elements of Practical Geography, Kalyani Publishers, New Delhi, 2000

			physiographic division, Soil, Forest,	Khullar, D.R. (2011): "Indian-A Comprehensive Geography" Kalyani Publishers, New Delhi
April	9 th to 30 th 2022	4	Climatic Division- examples of India and Goa. Calculation and graphical representation by using Goa's census data: Age-sex ratio. Child- women ratio,	Singh, R.L.: Elements of Practical Geography, Kalyani Publishers, New Delhi ,2000 Khullar, D.R. (2011): "Indian-A Comprehensive Geography" Kalyani Publishers, New Delhi
May	7 th to 28 th 2022	4	Dependency ratio, Infant mortality rate, Age specific mortality ,Population growth rate,	Singh, R.L.: Elements of Practical Geography, Kalyani Publishers, New Delhi ,2000 Khullar, D.R. (2011): "Indian-A Comprehensive Geography" Kalyani Publishers, New Delhi
June	4 th to 25 th 2022	4	Population projection(as per 2001 and 2011 census) Preparation of choroschematic map of Goa	Singh, R.L.: Elements of Practical Geography, Kalyani Publishers, New Delhi ,2000 Khullar, D.R. (2011): "Indian-A Comprehensive Geography" Kalyani Publishers, New Delhi

SEMESTER LECTURE PLAN

Name of the college: ParvatibaiChowgule College of Arts and Science (Autonomous)

Name of Faculty: PROF NANDKUMAR SAWANT

Subject: GEOGRAPHY

Course code INTRODUCTION TO REGIONAL
GEOGRAPHY

Program/Course: FY BA

Division: A

Academic year: 2021 - 2022

Semester: I

Total Lectures: 45

Course Objectives: This introductory paper is intended to acquaint the students with distinctiveness of Geography as a field of learning. The philosophy of the subject is to be taught in order to develop a keen interest in the subject and to pursue it for higher studies.

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Course Learning Outcome:

s: At the end of this course students are expected to have a holistic understanding of fundamental concepts of geography and thereby be able to analyze the interrelationships among them.

Upon successful completion of the course, students will be able to:

Course Outcomes:

At the end of this course, students will be able to:

CLO1: Understand fundamental concepts and dichotomies in geography

CLO2: Analyze the interrelationships among fundamental concepts of geography

CLO3: Acquire Basic cartographical skills such as basic elements of map and map reading, area measurements, time calculation

CLO4: Differentiate and evaluate different domains of geography

Month	Lectures From: To:		No. of lectures allotted (Total=30)	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
September	12/09/2021	30/09/2021	09	1) Introduction to the course		1. Google classroom Platform- CLAAP <ul style="list-style-type: none"> ○ Recorded Lecture Videos ○ Lecture PPTs ○ E-books ○ Concept Videos ○ Journal Articles 	. Dikshit R.D (2004): The Arts, Science of Geography, Integrated Readings Prentice Hall of India, New Delhi 2. Goh Cheng Leong (2003) Certificate Physical and Human Geography, Oxford university press, New Delhi
			2) Competency test				
			3) introduction to Geography				

				4) Introduction of Geography Definition, Meaning Definition and characteristic The Regional Approach - area		<ul style="list-style-type: none"> ○ Link to recent discoveries ○ Instructional supplementary Videos <p>2. Google Meet</p> <p>3. Discussion Forum – Moodle.</p>	
				5) Introduction of Geography Nature and scope of geography	<p>Upon completion of these lecture sessions, students should be able to understand and explain:</p> <ol style="list-style-type: none"> 1) what is a Geography 2) Differentiate between regional and systematic geograohy 3) Why geographers need do develop skills to seek employability . 		
				6) Major divisions of geography, Interdisciplinary approach General v/s Regional, Physical v/s Human Geography			
				7. Major divisions of geography, Interdisciplinary approach General v/s Regional, Physical v/s Human Geography			
				8. oncepts of Geographical Thought Determinism			

				9. Concepts of Geographical Thought Possibilism, Neo-determinism, solving practical examples			
October	01/03/2021	31/03/2021	12	10.Recent trends in Geography Major themes in Geography: Location, region process, space and time			
				11. Careers in Geography what can you do with geography			
				Test -1	Upon completion of these lecture sessions, students should be able to understand and explain: 1) Application of themes in understanding geographical phenomena . cultures.	1. Google Classroom Platform- CLAAP <ul style="list-style-type: none"> ○ Recorded Lecture Videos ○ Lecture PPTs ○ E-books ○ Concept Videos ○ Journal Articles ○ Link to recent discoveries ○ Instructional supplementary Videos 	.. Das Gupta and Kapoor (2013): Principles of Physical Geography, S. Chand & Company Pvt. Ltd Singh Savindra (2005) : Environmental Geography, Prayag Pustak Bhavan, Allahabad <i>Tikka R N (2010) Physical Geography, Kedar Nath Ran</i>
				13Meaning &Definitions- weather and Climate			
				14Relationship of climate and weather			
				15Composition of the atmosphere			
				16Atmospheric layers -1			
				17Atmospheric layers -2	Composition& Structure of		

				18 Basis of classification of climatic regions of the world	Atmosphere, Elements of Weather & Climate and their interrelation.	2. Google Meet 3. Discussion Forum – Moodle.	<i>Nath & Company, Meerut,</i>
				19. Tropical region			
				20. Sub tropical			
				21. Temperate and polar		1. Moodle Platform- CLAAP <ul style="list-style-type: none"> ○ Recorded Lecture Videos ○ Lecture PPTs ○ E-books ○ Concept Videos ○ Journal Articles ○ Link to recent discoveries ○ Instructional supplementary Videos 2. Google Meet 3. Discussion Forum –	
				22. Introduction to geosphere			
November	8 th Nov to 30 Nov	09		23. Geological time scale			
				24, Endogenic and Exogenic forces		1. Google Classroom Platform- CLAAP <ul style="list-style-type: none"> ○ Recorded Lecture Videos ○ Lecture PPTs ○ E-books ○ Concept Videos 	. Das Gupta and Kapoor (2013): Principles of Physical Geography, S. Chand & Company Pvt. Ltd
				25. Diastrophism			
				26. Folding and faulting	Upon completion of these lecture sessions, students should be able to		Singh Savindra (2005) : Environmental Geography, Prayag Pustak Bhavan,

				27.Folding and Faulting	<p>understand and explain the importance of the following processes :</p> <ol style="list-style-type: none"> 1) Formation and importance of each of the oceanic features 2) How does folding and faulting form various lithospheric features 3) How to distinguish various endogenic and Exogenic features. 	<ul style="list-style-type: none"> ○ Journal Articles ○ Link to recent discoveries ○ Instructional supplementary Videos <p>2. Google Meet 3. Discussion Forum –</p>	<p>Allahabad</p> <p><i>Tikka R N (2010) Physical Geography, Kedar Nath Ram Nath & Company, Meerut,</i></p>
			28.Continental process				
			29.Assignment topics				
			30. Oceanic features				
			31.Continental features				
December	01/12	22/12	08	32.Plateau an types			
				33.Plains and types	<p>Upon completion of these lecture/ Activity sessions, students should be able apply the knowledge gained to critically analyse of</p> <ol style="list-style-type: none"> a) Why does it rain or precipitate . b) How does condensation occurs c) Why there is variation in 	<ol style="list-style-type: none"> 1) Google Classroom Platform- CLAAP 2) Discussion 	
				35.Hydrological cycle			

				36.evaporation
				37.Humidity and types
				38.Condensation
				39.Precipitation
January	2-10	12.01	04	40. Types and effects
				41.ditributiont
				42. Test
				43. revisions
				44.Revisions
				45. Revisions

evaporation across the world.

Lal . D. S. (2007) :
Climatology, Pushtakmahal
Allahabad



Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Margao

Name of Faculty: Mr Ashwini Ashish

Subject: Fundamentals of Physical Geography (Theory)

Paper code: GEG-I.C2

Program/Course: FY B.A

Division:

Academic year: 2021- 2022

Semester: I

Total Lectures: 45

Course Objectives:

1. The course aims to introduce fundamental concepts of physical geography.
2. The course focuses of various spheres of the earth and their related concepts.

Course Learning Outcome:

At the end of this course, students will be able to:

- CO1:** Understand fundamentals of physical geography
- CO2:** Apply techniques to represent different relief features
- CO3:** Interpret the characteristics and associate with other relief features
- CO4:** Analyze and interpret climate data

Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
September	16/09/2021	30/09/2021	08	Introduction to physical geography	Students will learn about the meaning of physical geography and interior of the earth	Google classroom/Power point presentation/ discussion	Singh, S. 2005: Physical Geography, Prayag Pustak Bhawan, Allahabad
				Recent developments in physical geography			
				Layers of the Earth			
October	5/10/2021	28/10/2021	11	Weathering	Knowledge about weathering, mass movement, rocks, soil, and insolation	Google classroom/Power point presentation/ discussion	Singh, S. 2005: Physical Geography, Prayag Pustak Bhawan, Allahabad
				mass movement,			
				Rocks and its types			
				Soil- definition and profile.			
				Definition and scope of climatology			
Insolation							
November	09/11/2021	30/11/2021	10	Heat budget.	Holistic knowledge about heat budget, temperature, air pressure, wind system and humidity	Google classroom/Power point presentation/ discussion	Singh, S. 2005: Physical Geography, Prayag Pustak Bhawan, Allahabad
				Temperature			
				atmospheric pressure			
				wind			
				humidity			
Dec 2021	1/12/2021	22/12/2021	10	Introduction to	Students will learn	Google	Lal, D.S , 2004:

				oceanography	about the meaning of oceanography etc	classroom/Power point presentation/discussion	Oceanography, Prayag Pustak Bhavan, Allahabad
				Development of oceanography as a discipline	About the the development of oceanography as a subject	Google classroom/Power point presentation/discussion	
				Significance and scope of oceanography	About significance and various scope of oceanography	Google classroom/Power point presentation/discussion	
Jan 2022	4/1/21	5/1/21	2	Revision			

*** Assessment Rubrics**

Component	Max Marks
CA 1	30
CA2	30
CA3	30
Practical	25
Semester End Exam	45

Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Margao

Name of Faculty: Mr Ashwini Ashish

Subject: Field Survey in Physical Geography (THEORY)

Paper code: GEG- E2

Program/Course: S.Y B.A

Division:

Academic year: 2021- 2022

Semester: III

Total Lectures: 45

Course Objectives:

1. The primary aim of this Course to introduce various surveying instrument used in Physical Geography.
2. Students will learn the operation and the application of the instruments and methods of surveying.

Course Learning Outcome:

At the end of this course, students will be able to:

- CO1:** Understand functions and applications of dumpy level, Plane table and Global Positioning Systems (GPS) in field based studies.
- CO2:** Independently handle survey instruments and prepare maps and field reports.
- CO3:** Have hands-on training on using survey instruments in final year project work
- CO4:** Detect the change in the spatial extension of area, locality and region.

Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
September	17/09/2021	30/09/2021	06	Introduction to syllabus	Students will learn about the meaning of field survey.types and classification of survey, method of plane table survey	Google classroom/Power point presentation/discussion	Khullar, D.R. (2007), Essentials of Practical Geography, New Academic Publishing
				Significance and Methods of Survey; Classification of Surveying			
				Fundamentals of Plane Table and Prismatic Compass Survey:			
				Radiation Method			
October	1/10/2021	29/10/2021	12	Radiation Method	Learn about radiation and intersection method and pre post field work task	Google classroom/Power point presentation/discussion	Khullar, D.R. (2007), Essentials of Practical Geography, New Academic Publishing
				Intersection Method			
				Pre survey work: Safety Measures,			
				Field Book Preparation			
				Post field survey work			
Report Writing.							
November	11/11/2021	26/11/2021	10	Dumpy level surveying : meaning,	Meaning and methods of dumpy level survey	Google classroom/Power point presentation/discussion	Khullar, D.R. (2007), Essentials of Practical Geography, New Academic Publishing
				functioning elements,			
				applications			
				Methods: Rise-fall and Collimation method			

				Pre survey and Post survey tasks.			
Dec 2021	1/12/2021	22/12/2021	12	GPS survey: Meaning,	Students will learn about the meaning of GPS, various segments and functioning of GPS	Google classroom/Power point presentation/discussion	Guha, Pradeep, Introduction to remote sensing and GIS for the beginners
				Space Segment,		Google classroom/Power point presentation/discussion	
				Ground Segment and GPS Receivers,		Google classroom/Power point presentation/discussion	
Jan 2022	5/1/21	7/1/21	3	Applications.			

*** Assessment Rubrics**

Component	Max Marks
CA 1	30
CA2	30
CA3	30
Practical	25
Semester End Exam	45

Semester Lectures Plan

Name of the College- Parvatibai Chowgule College Of Arts and Science
margao (Autonomous)

Name of the Faculty- Glynis Dias

Subject- Spoken and Written Skills of Konkani Language

Paper Code- FC-KON-II

Program/Course- B.Sc

Academic Year- 2021-22

Semester- II

Total Lectures- 60

Course Objectives:

1. कोंकणी भाशेची मुळावी आनी व्याकरणीक वळख विद्यार्थ्यांक करून दिवप.
2. कोंकणी भाशेचीं मौखीक कौशल्यां विद्यार्थ्यांक शिकोवप.
3. कोंकणी भाशेचीं लिखीत कौशल्यां विद्यार्थ्यांक शिकोवप.
4. वेवसायीक मळांचेर मुखार सरपाक गरजेचें अशें मुळावें गिन्यान विद्यार्थ्यांक दिवप.

Learning Outcome:

1. कोंकणी विद्यार्थी कोंकणी भाशेंत मौखीक कौशल्यां शिकतलो.
2. कोंकणी विद्यार्थी कोंकणीचीं लिखीत कौशल्यां अभ्यासतलो.
3. ह्या अभ्यासक्रमांतल्यान छापील आनी इलॅक्ट्रॉनिक प्रसार माध्यमां खातीर बातम्यो सांगपी ,निवेदक आनी संपादक तयार जातले.
4. साबार कार्यावळींचें सुत्रसंचालक वा संयोजक तयार जातले .

No. of Lectures	Date	Topic, Subtopic to be Covered	Learning Outcome	ICT Tools	Reference
1.	2.3.2022	पुराय अभ्यासक्रमाचेर भासाभास	पुराय अभ्यासक्रमांत कितें कितें शिकतलीं तें सांगप.	Google Classroom , Power point Presentation	

2.	3.3.2022	1. कोंकणी भाशेच्या मौखीक कौशल्ल्यांचो अभ्यास विशय दिवन विद्यार्थ्यांक उलोवपाक लावप.	कोंकणी विद्यार्थी कोंकणी भाशेंत मौखीक कौशल्ल्यां शिकतलो.		
3.	4.3.2022	विशय दिवन विद्यार्थ्यांक उलोवपाक लावप.			
4.	5.3.2022	विशय दिवन विद्यार्थ्यांक उलोवपाक लावप.			
5.	8.3.2022	विशय दिवन विद्यार्थ्यांक उलोवपाक लावप.			
6.	9.3.2022	विशय दिवन विद्यार्थ्यांक उलोवपाक लावप.			
7.	10.3.2022	विशय दिवन विद्यार्थ्यांक भासाभास करपाक लावप.			
8.	14.3.2022	विशय दिवन विद्यार्थ्यांक भासाभास करपाक लावप.			

9.	15.3.2022	विशय दिवन विद्यार्थ्यांक भासाभास करपाक लावप.			
10.	16.3.2022	2. कोंकणी भाशेच्या लिखित कौशल्यांचो अभ्यास कोंकणी भाशेच्या लिखित कौशल्यांची गरज आनी उपयोजन	कोंकणी विद्यार्थी कोंकणीचीं लिखित कौशल्यां अभ्यासतलो.	Google Classroom, Power point Presentation	कोंकणी भास, साहित्य आनी संस्कृताय, संपादक श्याम वेरेंकार, कोंकणी भाशा मंडळ, 2003.
11.	17.3.2022	कोंकणी भाशेची मुळावी वळख		Google Classroom, Power point Presentation	
12.	21.3.2022	कोंकणी भाशेची मुळावी वळख		Google Classroom, Power point Presentation	
13.	22.3.2022	कोंकणी भाशेची मुळावी वळख		Google Classroom, Power point Presentation	
14.	23.3.2022	कोंकणी व्याकरण		Google Classroom, Power point Presentation	बोरकार सुरेश, कोंकणी व्याकरण, कोंकणी भाशा मंडळ, 2012
15.	24.3.2022	कोंकणी व्याकरण		Google Classroom, Power point Presentation	
16.	28.3.2022	कोंकणी व्याकरण		Google Classroom, Power point Presentation	
17.	29.3.2022	कोंकणी व्याकरण		Google Classroom, Power point Presentation	

18.	30.3.2022	कोंकणी व्याकरण		Google Classroom, Power point Presentation	
19.	31.3.2022	कोंकणी शुध्दलेखनाचे नेम		Google Classroom, Power point Presentation	कोंकणी शुध्दलेखनाचे नेम, गोवा कोंकणी अकादेमी, पांचवी आवृत्ती, 2015.
20.	4.4.2022	कोंकणी शुध्दलेखनाचे नेम		Google Classroom, Power point Presentation	
21.	5.4.2022	कोंकणी शुध्दलेखनाचे नेम		Google Classroom, Power point Presentation	
22.	6.4.2022	कोंकणी शुध्दलेखनाचे नेम		Google Classroom, Power point Presentation	
23.	7.4.2022	कोंकणी शुध्दलेखनाचे नेम		Google Classroom, Power point Presentation	
24.	11.4.2022	3. कोंकणी भाशेचीं कौशल्यां : रेडिओ आनी टिमाध्यमां .वी. खातीर रेडिओ पासत खाशेले कार्यावळीची निर्मिती करप	छापील आनी इलॅक्ट्रॉनीक प्रसार माध्यमां खातीर बातम्यो सांगपी , निवेदक आनी संपादक तयार .जातले		कारबारी कोंकणी, भास संपादक दामोदर घाणेकर, राजहंस प्रकाशन, चवथी आवृत्ती 2013.
25.	12.4.2022	रेडिओ पासत खाशेले कार्यावळीची निर्मिती करप			

26.	13.4.2022	रेडिओ पासत खाशेले कार्यावळीची निर्मिती करप			
27.	18.4.2022	टिपासत .वी . खाशेले कार्यावळीची निर्मिती करप			
28.	19.4.2022	टिपासत .वी . खाशेले कार्यावळीची निर्मिती करप			
29.	20.4.2022	टिपासत .वी . खाशेले कार्यावळीची निर्मिती करप			
30.	21.4.2022	नेमाळे आनी दिसाळ्या खातीर बातमी, जायरात लेखन			
31.	25.4.2022	नेमाळे आनी दिसाळ्या खातीर बातमी, जायरात लेखन			
32.	26.4.2022	नेमाळे आनी दिसाळ्या खातीर बातमी, जायरात लेखन			
33.	27.4.2022	मुलाखत			
34.	28.4.2022	सुत्रलंचालन			
35.	2.5.2022	भाशण कौशल्य			

36.	3.5.2022	4. कोंकणी भाशेची कौशल्यां आनी संगणकीय तंत्रज्ञान - कोंकणी टायपसेटींग कौशल्य	कोंकणी विद्यार्थी संगणकीय तंत्रज्ञान शिकतलो	Power point Presentation	
37.	4.5.2022	कोंकणी टायपसेटींग कौशल्य		Power point Presentation	
38.	5.5.2022	कोंकणी टायपसेटींग कौशल्य		Power point Presentation	
39.	9.5.2022	कोंकणी टायपसेटींग कौशल्य		Power point Presentation	
40.	10.5.2022	कोंकणी टायपसेटींग कौशल्य		Power point Presentation	
41.	11.5.2022	कोंकणी टायपसेटींग कौशल्य		Power point Presentation	
42.	12.5.2022	कोंकणी टायपसेटींग कौशल्य		Power point Presentation	
43.	16.5.2022	कोंकणी न्यूज लॅटर तयार करपाचें कौशल्य		Power point Presentation	
44.	17.5.2022	पावर पॉयंट सादरीकरणचें कौशल्य		Power point Presentation	

45.	18.5.2022	पावर पॉयंट सादरीकरणार्थ कौशल्य		Power point Presentation	
46.	19.5.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
47.	23.5.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
48.	24.5.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
49.	25.5.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
50.	26.5.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
51.	30.5.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
52.	31.5.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
53.	1.6.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
54.	2.6.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
55.	6.6.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
56.	7.6.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
57.	8.6.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
58.	9.6.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
59.	13.6.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	
60.	14.6.2022	प्रत्यक्षिकां आनी सादरीकरण		Power point Presentation	

Semester Lectures Plan

Name of the College- Parvatibai Chowgule College Of Arts and Science
margao (Autonomous)

Name of the Faculty- Ms. Glynis Dias

Subject- Special Study of Konkani Drama

Paper Code- KON-IV.E-5

Program/Course- B.A

Academic Year- 2021-22

Semester- IV

Total Lectures- 60

Course Objectives:

1. आर्विल्ल्या कोंकणी नाटकाचो अभ्यास करप.
2. कोंकणी नाटकांचो आरंभ आनी उदरगत तपासप.
3. कोंकणी नाटकाच्या साबार प्रवाहांची समिक्षा करप.
4. वेंचीक कोंकणी नाटकाचो अभ्यास करप.

Learning Outcomes:

1. विद्यार्थ्यांक आर्विल्ल्या कोंकणी नाटकाची वळख जातली.
2. कोंकणी नाटकाची इतिहासीक फाटभूंय विद्यार्थ्यांक कळटली.
3. विद्यार्थ्यां कोंकणी नाटकाच्या साबार प्रवाहांचें आस्वादन करूंक शकतले.
4. विद्यार्थ्यां वेंचीक कोंकणी नाटकाचो अभ्यास करतले.

No. of Lectures	Date	Topic, Subtopic to be Covered	Learning Outcome	ICT Tools	Reference
1	2.3.2022	पुराय अभ्यासक्रमाचेर भासाभास		Google Classroom, Power Point Presentation	पुराय अभ्यासक्रमांत कितें कितें शिकतलीं तें सांगप.

2	4.3.2022	1. नाटक एक साहित्य प्रकार नाटकाच्यो व्याख्या	विद्यार्थ्यांक नाटकाच्यो व्याख्या कळटल्यो.	Google Classroom, Power Point Presentation	गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोले, बेतोडे : मित्र प्रकाशन, 1993.
3	5.3.2022	नाटकाच्यो व्याख्या	विद्यार्थ्यांक नाटकाच्यो व्याख्या कळटल्यो.	Google Classroom, Power Point Presentation	गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोले, बेतोडे : मित्र प्रकाशन, 1993.
4	7.3.2022	नाटकाचे प्रकार	विद्यार्थ्यांक नाटकाचे वेगवेगळे प्रकार कळटले.	Google Classroom, Power Point Presentation	1. सरदेसाय मनोहरराय, (संपादक) कोंकणी विश्वकोश - खंड - 1. ताळगांव गोंय : गोंय विद्यापीठ 1999. 2. गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोले, बेतोडे : मित्र प्रकाशन, 1993.
5	10.3.2022	नाटकाचे प्रकार	विद्यार्थ्यांक नाटकाचे वेगवेगळे प्रकार कळटले.	Google Classroom, Power Point Presentation	1. सरदेसाय मनोहरराय, (संपादक) कोंकणी विश्वकोश - खंड - 1. ताळगांव गोंय : गोंय

					<p>विद्यापीठ 1999.</p> <p>2. गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोलें, बेतोडें : मित्र प्रकाशन, 1993.</p>
6	10.3.2022	नाटकाचें स्वरूप आनी संकल्पना	विद्यार्थ्यां क नाटकाचें स्वरूप आनी संकल्पना कळटली.	Google Classroom, Power Point Presentatio n	गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोलें, बेतोडें : मित्र प्रकाशन, 1993.
7	12.3.2022	नाटकाचें स्वरूप आनी संकल्पना	विद्यार्थ्यां क नाटकाचें स्वरूप आनी संकल्पना कळटली.	Google Classroom, Power Point Presentatio n	गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोलें, बेतोडें : मित्र प्रकाशन, 1993.
8	12.3.2022	नाटकाचे सादरीकरणाचे घटक	विद्यार्थ्यां क नाटकाच्या घटकांची वळख जातली.	Google Classroom, Power Point Presentatio n	गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोलें, बेतोडें : मित्र प्रकाशन, 1993.
9	15.3.2022	नाटकाचे सादरीकरणाचे घटक	विद्यार्थ्यां क नाटकाच्या	Google Classroom, Power	गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोलें,

			घटकांची वळख जातली.	Point Presentation	बेतोडें : मित्र प्रकाशन, 1993.
10	17.3.2022	नाटकाचे सहितेचे घटक	विद्यार्थ्यांक नाटकाच्या घटकांची वळख जातली.	Google Classroom, Power Point Presentation	गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोलें, बेतोडें : मित्र प्रकाशन, 1993.
11	19.3.2022	नाटकाचे सहितेचे घटक	विद्यार्थ्यांक नाटकाच्या घटकांची वळख जातली.	Google Classroom, Power Point Presentation	गांवकार, भालचंद्र, साहित्य एक भासाभास, किटोलें, बेतोडें : मित्र प्रकाशन, 1993.
12	19.3.2022	3. कोंकणी नाटक - आरंभ आनी उदरगत	कोंकणी नाटकाची इतिहासीक फाटभूंय विद्यार्थ्यांक कळटली.	Google Classroom, Power Point Presentation	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.
13	22.3.2022	3. कोंकणी नाटक - आरंभ आनी उदरगत	कोंकणी नाटकाची इतिहासीक फाटभूंय विद्यार्थ्यांक कळटली.	Google Classroom, Power Point Presentation	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी

			कळटली.		संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
14	23.3.2022	3. कोंकणी नाटक - आरंभ आनी उदरगत	कोंकणी नाटकाची इतिहासीक फाटभूंय विद्यार्थ्या क कळटली.	Google Classroom, Power Point Presentatio n	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
15	26.3.2022	3. कोंकणी नाटक - आरंभ आनी उदरगत	कोंकणी नाटकाची इतिहासीक फाटभूंय विद्यार्थ्या क कळटली.	Google Classroom, Power Point Presentatio n	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
16	26.3.2022	3. कोंकणी नाटक - आरंभ आनी उदरगत	कोंकणी नाटकाची इतिहासीक फाटभूंय विद्यार्थ्या क कळटली.	. Google Classroom, Power Point Presentatio n	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.

17	29.3.2022	3. कोंकणी नाटक - कोंकणी नाटकांतले मुखेल प्रवाह	विद्यार्थी कोंकणी नाटकाच्या साबार प्रवाहांचें आस्वादन करूंक शकतले.	Google Classroom, Power Point Presentation	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.
18	31.3.2022	3. कोंकणी नाटक - कोंकणी नाटकांतले मुखेल प्रवाह	विद्यार्थी कोंकणी नाटकाच्या साबार प्रवाहांचें आस्वादन करूंक शकतले.	Google Classroom, Power Point Presentation	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.
19	2.4.2022	3. कोंकणी नाटक - कोंकणी नाटकांतले मुखेल प्रवाह	विद्यार्थी कोंकणी नाटकाच्या साबार प्रवाहांचें आस्वादन करूंक शकतले.	Google Classroom, Power Point Presentation	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.
20	2.4.2022	3. कोंकणी नाटक - कोंकणी नाटकांतले	विद्यार्थी कोंकणी नाटकाच्या साबार	Google Classroom, Power Point	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक)

		मुखेल प्रवाह	प्रवाहांचें आस्वादन करूंक शकतले.	Presentatio n	कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडंळ, 2003.
21	5.4.2022	3. कोंकणी नाटक - कोंकणी नाटकांतले मुखेल प्रवाह	विद्यार्थी कोंकणी नाटकाच्या साबार प्रवाहांचें आस्वादन करूंक शकतले.	Google Classroom, Power Point Presentatio n	वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडंळ, 2003.
22	7.4.2022	4. वेंचीक कोंकणी नाटकाचो सखोल अभ्यास- डॅडी	विद्यार्थी वेंचीक कोंकणी नाटकाचो अभ्यास करतले.		बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
23	9.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
	9.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
24	12.4.2022	वेंचीक कोंकणी नाटकाचो सखोल			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001

		अभ्यास			
25	16.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
26	16.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
27	19.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
28	21.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
29	23.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
30	23.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
31	26.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
32	28.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
33	30.4.2022	वेंचीक कोंकणी			बांबोळकार दत्ताराम,

		नाटकाचो सखोल अभ्यास			डॅडी, श्री हरी प्रकाशन, 2001
34	30.4.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
35	3.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
36	5.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
37	7.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
38	7.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
39	10.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
40	12.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
41	14.5.2022	वेंचीक कोंकणी नाटकाचो सखोल			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001

		अभ्यास			
42	14.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
43	17.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
44	19.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
45	21.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
46	21.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
47	24.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
48	26.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
49	28.5.2022	वेंचीक कोंकणी नाटकाचो सखोल अभ्यास			बांबोळकार दत्ताराम, डॅडी, श्री हरी प्रकाशन, 2001
50	28.5.2022	वेंचीक कोंकणी			बांबोळकार दत्ताराम,

		नाटकाचो सखोल अभ्यास			डॅडी, श्री हरी प्रकाशन, 2001
51	31.5.2022	2. नाटकाची संवसारीक फाटभूंयेची वळख - संवसारीक नाट्य परंपरा	संवसारीक नाटकाची इतिहासीक फाटभूंय विद्यार्थ्यां क कळटली	Google Classroom, Power Point Presentatio n	<ol style="list-style-type: none"> बुडकुले, किरण, साहित्यनियाळ अंतरंग आनी कायरुपां, काणकोण गोंय : ओम दत्त पद्मजा प्रकाशन, 1998. वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(सं पादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003. सरदेसाय मनोहरराय, (संपादक) कोंकणी विश्वकोश – खंड – 1. ताळगांव गोंय : गोंय विद्यापीठ 1999.
52	2.6.2022	नाटकाची संवसारीक	संवसारीक नाटकाची	Google Classroom,	<ol style="list-style-type: none"> बुडकुले, किरण, साहित्यनियाळ

		फाटभूयेची वळख - संवसारीक नाट्य परंपरा	इतिहासीक फाटभूय विद्यार्थ्यांक कळटली	Power Point Presentation	अंतरंग आनी कायरुपां, काणकोण गोंय : ओम दत्त पद्मजा प्रकाशन, 1998. 2. वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मंडळ, 2003. 3. सरदेसाय मनोहरराय, (संपादक) कोंकणी विश्वकोश - खंड - 1. ताळगांव गोंय : गोंय विद्यापीठ 1999.
53	4.6.2022	नाटकाची संवसारीक फाटभूयेची वळख - संवसारीक नाट्य परंपरा	संवसारीक नाटकाची इतिहासीक फाटभूय विद्यार्थ्यांक कळटली	Google Classroom, Power Point Presentation	1.बुडकुले, किरण, साहित्यनियाळ अंतरंग आनी कायरुपां, काणकोण गोंय : ओम दत्त पद्मजा प्रकाशन, 1998.

					<p>2.वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.</p> <p>3.सरदेसाय मनोहरराय, (संपादक) कोंकणी विश्वकोश - खंड - 1. ताळगांव गोंय : गोंय विद्यापीठ 1999.</p>
54	4.6.2022	नाटकाची संवसारीक फाटभूंयेची वळख - भारतीय नाट्य परंपरा	भारतीय नाटकाची इतिहासीक फाटभूंय विद्यार्थ्यांक कळटली	Google Classroom, Power Point Presentation	<p>1.बुडकुले, किरण, साहित्यनियाळ अंतरंग आनी कायरुपां, काणकोण गोंय : ओम दत्त पद्मजा प्रकाशन, 1998.</p> <p>2.वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.</p> <p>3.सरदेसाय</p>

					मनोहरराय, (संपादक) कोंकणी विश्वकोश - खंड - 1. ताळगांव गोंय : गोंय विद्यापीठ 1999.
55	7.6.2022	नाटकाची संवसारीक फाटभूयेची वळख - भारतीय नाट्य परंपरा	भारतीय नाटकाची इतिहासीक फाटभूय विद्यार्थ्यां क कळटली	Google Classroom, Power Point Presentatio n	1.बुडकुले, किरण, साहित्यनियाळ अंतरंग आनी कायरुपां, काणकोण गोंय : ओम दत्त पद्मजा प्रकाशन, 1998. 2.वेरकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर.(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003. 3.सरदेसाय मनोहरराय, (संपादक) कोंकणी विश्वकोश - खंड - 1. ताळगांव गोंय : गोंय विद्यापीठ 1999.
56	9.6.2022	नाटकाची सी. डी . दाखोवप, चर्चा करप	विद्यार्थी नाटकाचो आस्वाद		

			घेवक पावतलीं.		
57	11.6.2022	नाटकाची सी. डी . दाखोवप, चर्चा करप	विद्यार्थी नाटकाचो आस्वाद घेवक पावतलीं.		
58	11.6.2022	नाटकाची सी. डी . दाखोवप, चर्चा करप	विद्यार्थी नाटकाचो आस्वाद घेवक पावतलीं.		
59	14.6.2022	नाटकाची सी. डी . दाखोवप, चर्चा करप	विद्यार्थी नाटकाचो आस्वाद घेवक पावतलीं.		
60	16.6.2022	नाटकाची सी. डी . दाखोवप, चर्चा करप	विद्यार्थी नाटकाचो आस्वाद घेवक पावतलीं.		

DAILY LECTURE SCHEDULE OF SYBA KON - III. E1

Name of the Teacher :- Ms. Glynis Dias

Semester :- III Course Title :- कोंकणी कविता - एक खाशेलो अभ्यास

Credits :- 04 Course Code :- KON-III. E-1

Day :- TUE Timing :- 2.15PM to 3.15PM Classroom:- B305

FRI Timing :- 10.45AM to 11.45AM Classroom:- B305

SAT Timing :- 8.30AM to 9.30AM Classroom:- B202

Timing :- 10.45AM to 11.45AM Classroom:- B305

Course Objectives:

1. आर्विल्ले कोंकणी कवितेचो अभ्यास करप.
2. कोंकणी कवितेचो आरंभ आनी उदरगत तपासप.
3. कोंकणी कवितेच्या साबार प्रवाहांची समिक्षा करप.
4. वेंचीक कोंकणी कवींचो अभ्यास करप.

Learning Outcomes:

1. विद्यार्थ्यांक आर्विल्ले कोंकणी कवितेची वळख जातली.
2. कोंकणी कवितेची इतिहासीक फाटभूंय विद्यार्थ्यांक कळटली.
3. विद्यार्थी कोंकणी कवितेच्या साबार प्रवाहांचें आस्वादन करूंक शकतले.
4. विद्यार्थी वेंचीक कोंकणी कवींचो आनी तांच्या कवितांचो अभ्यास करतले.

Sr No	Day	Date	Time	Topics	Reference
1	Tue	14.10.21	10.45PM to 11.45PM	पुराय अभ्यासक्रमाचेर भासाभास	पुराय अभ्यासक्रमाचेर भासाभास
15 OCT 2021 Dussehra					
2	Sat	16.10.21	10.45PM to 11.45PM	1. कविता एक साहित्य प्रकार - संकल्पना	1. हळर्णकार, तानाजी. (संपादक) कोंकणी विश्वकोश - खंड - 1,

					<p>ताळगांव गोंय : गोंय विद्यापीठ, 1999.</p> <p>2. राजय पवार, कोंकणी कवितेंतलें गोंयचें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2011</p> <p>3. भालचंद्र गांवकर, साहित्य एक भासाभास, मित्र प्रकाशन, 1998.</p>
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19 OCT 2021

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3	Fri	22.10.21	10.45AM 11.45AM	to	कविता एक साहित्य प्रकार - व्याख्या	<p>1. राजय पवार, कोंकणी कवितेंतलें गोंयचें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2011</p> <p>2. भालचंद्र गांवकर,</p>
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						साहित्य एक भासाभास, मित्र प्रकाशन, 1998.
4	Sat	23.10.21	8.30AM 9.30AM	to	कविता एक साहित्य प्रकार - घटक	<ol style="list-style-type: none"> 1. राजय पवार, कोंकणी कवितेतलें गोंयचें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2011 2. भालचंद्र गांवकर, साहित्य एक भासाभास, मित्र प्रकाशन, 1998.
5	Sat	23.10.21	10.45AM 11.45AM	to	कविता एक साहित्य प्रकार - प्रकार, आशय विशयाचे नदरेन	<ol style="list-style-type: none"> 1. राजय पवार, कोंकणी कवितेतलें गोंयचें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2011 2. भालचंद्र गांवकर, साहित्य एक भासाभास, मित्र प्रकाशन, 1998.
6	Tue	26.10.21	2.15PM 3.15PM	to	कविता एक साहित्य प्रकार - प्रकार, मांडावळीच्या नदरेन	<ol style="list-style-type: none"> 1. राजय पवार, कोंकणी कवितेतलें

					<p>गोंयचें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2011</p> <p>2. भालचंद्र गांवकर, साहित्य एक भासाभास, मित्र प्रकाशन, 1998.</p>	
7	Fri	29.10.21	10.45AM 11.45AM	to	2. काव्यलंकाराचो अभ्यास- शब्दालंकार, अनुप्रास आनी यमक	<p>1. फडके श्री. शं., भारतीय साहित्य विचार, सोशल रीसर्च इन्स्टिट्यूट, परशुराम, मडगांव गोवा, 1997.</p>
8	Sat	30.10.21	8.30AM 9.30AM	to	काव्यलंकाराचो अभ्यास- शब्दालंकार, श्लेष आनी वक्रोक्ती	<p>1. फडके श्री. शं., भारतीय साहित्य विचार, सोशल रीसर्च इन्स्टिट्यूट, परशुराम, मडगांव गोवा, 1997.</p>
9	Sat	30.10.21	10.45AM 11.45AM	to	काव्यलंकाराचो अभ्यास- अर्थालंकार, उत्प्रेक्षा आनी व्यक्तिरेक	<p>1. फडके श्री. शं., भारतीय साहित्य विचार, सोशल रीसर्च इन्स्टिट्यूट, परशुराम, मडगांव गोवा, 1997.</p>

01 NOV TO 06 NOV 2021						
Diwali Break						
10	Tue	09.11.21	2.15PM 3.15PM	to	काव्यलंकाराचो अभ्यास- अर्थालंकार, अनन्वय आनी रूपक	1. फडके श्री. शं., भारतीय साहित्य विचार, सोशल रीसर्च इन्स्टिट्यूट, परशुराम, मडगांव गोवा, 1997.
11	Fri	12.11.21	10.45AM 11.45AM	to	3. आर्विल्ली कोंकणी कविता- आरंभ आनी उदरगत	1. पवार, राजय, कोंकणी कवितेचो इतिहास (1960 ते 1990 मेरेनची कोंकणी कविता) बोरी, फोंडें : सानिका प्रोडक्शन, 2014.
12	Sat	13.11.21	8.30AM 9.30AM	to	आर्विल्ली कोंकणी कविता- आरंभ आनी उदरगत	1. पवार, राजय, कोंकणी कवितेचो इतिहास (1960 ते 1990 मेरेनची कोंकणी कविता) बोरी, फोंडें : सानिका प्रोडक्शन, 2014.
13	Sat	13.11.21	10.45AM 11.45AM	to	आर्विल्ली कोंकणी कविता- आरंभ आनी उदरगत	1. पवार, राजय, कोंकणी कवितेचो इतिहास (1960 ते 1990 मेरेनची कोंकणी कविता) बोरी, फोंडें : सानिका प्रोडक्शन, 2014.
14	Tue	16.11.21	2.15PM	to	आर्विल्ले कोंकणी	1. वेरेंकार, श्याम,

			3.15PM		कवित्तैतले मुखेल प्रवाह	सरदेसाय, माधवी, म्हाळशी, कमलाकर. (संपादक) कोंकणी भास, साहित्य आनी संस्कृताय . मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.
15	Fri	19.11.21	10.45AM 11.45AM	to	आर्विल्ले कोंकणी कवित्तैतले मुखेल प्रवाह	1. वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर. (संपादक) कोंकणी भास, साहित्य आनी संस्कृताय . मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.
16	Sat	20.11.21	8.30AM 9.30AM	to	आर्विल्ले कोंकणी कवित्तैतले मुखेल प्रवाह	1. वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर. (संपादक) कोंकणी भास, साहित्य आनी संस्कृताय .

					मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.	
17	Sat	20.11.21	10.45AM 11.45AM	to	4. वेंचीक कोंकणी कवी आनी तांच्या कवितांचो अभ्यास पयलो वाटो 1. रमेश वेळुस्कार(दर्या)	रमेश वेळुस्कार(दर्या) हो कविता संग्रह.
18	Tue	23.11.21	2.15PM 3.15PM	to	1. रमेश वेळुस्कार(दर्या)	रमेश वेळुस्कार(दर्या) हो कविता संग्रह.
19	Fri	26.11.21	10.45AM 11.45AM	to	2. प्रकाश पाडगांवकार (पुनरार्थोपनिषद)	प्रकाश पाडगांवकार (पुनरार्थोपनिषद) हो कविता संग्रह.
20	Sat	27.11.21	8.30AM 9.30AM	to	2. प्रकाश पाडगांवकार (पुनरार्थोपनिषद)	प्रकाश पाडगांवकार (पुनरार्थोपनिषद) हो कविता संग्रह.
21	Sat	27.11.21	10.45AM 11.45AM	to	3. माधव बोरकार (सिम्फनी)	माधव बोरकार (सिम्फनी) हो कविता संग्रह.
22	Tue	30.11.21	2.15PM 3.15PM	to	3. माधव बोरकार (सिम्फनी)	माधव बोरकार (सिम्फनी) हो कविता संग्रह.
<p>03 DEC 2021 Feast of St. Francis Xavier</p>						
23	Sat	04.12.21	8.30AM 9.30AM	to	4. युसुफ शेख (रंगघाय)	युसुफ शेख (रंगघाय) हो कविता संग्रह.
24	Sat	04.12.21	10.45AM 11.45AM	to	4. युसुफ शेख (रंगघाय)	युसुफ शेख (रंगघाय) हो कविता संग्रह.

25	Tue	7.12.21	2.15PM 3.15PM	to	5. आर्. एस्. भास्कर (युगपरिवर्तनांचो यात्री)	आर्. एस्. भास्कर (युगपरिवर्तनांचो यात्री) हो कविता संग्रह.
26	Fri	10.12.21	10.45AM 11.45AM	to	5. आर्. एस्. भास्कर (युगपरिवर्तनांचो यात्री)	आर्. एस्. भास्कर (युगपरिवर्तनांचो यात्री) हो कविता संग्रह.
27	Sat	11.12.21	8.30AM 9.30AM	to	5. वेंचीक कोंकणी कवी आनी तांच्या कवितांचो अभ्यास. दुसरो वांटो 1. मेल्वीन रोड्रीगीस (प्रकृतीचो पास)	मेल्वीन रोड्रीगीस (प्रकृतीचो पास) हो कविता संग्रह.
28	Sat	11.12.21	10.45AM 11.45AM	to	2. मेल्वीन रोड्रीगीस (प्रकृतीचो पास)	मेल्वीन रोड्रीगीस (प्रकृतीचो पास) हो कविता संग्रह.
29	Tue	14.12.21	2.15PM 3.15PM	to	2. निलबा खांडेकार (दंडकारण्य)	निलबा खांडेकार (दंडकारण्य) हो कविता संग्रह.
30	Fri	17.12.21	10.45AM 11.45AM	to	3. निलबा खांडेकार (दंडकारण्य)	निलबा खांडेकार (दंडकारण्य) हो कविता संग्रह.
31	Sat	18.12.21	8.30AM 9.30AM	to	3. शशिकांत पुनाजी (उमज)	शशिकांत पुनाजी (उमज) हो कविता संग्रह.
32	Sat	18.12.21	10.45AM	to	3. शशिकांत पुनाजी	शशिकांत पुनाजी

			11.45AM		(उमज)	(उमज) हो कविता संग्रह.
33	Tue	21.12.21	2.15PM 3.15PM	to	4. नुतन साखरदांडे (पासवर्ड)	नुतन साखरदांडे (पासवर्ड) हो कविता संग्रह.
24 DEC TO 1 JAN 2022 Christmas Break						
34	Tue	04.01.22	2.15PM 3.15PM	to	4. नुतन साखरदांडे (पासवर्ड)	नुतन साखरदांडे (पासवर्ड) हो कविता संग्रह.
35	Fri	07.01.22	10.45AM 11.45AM	to	5. ग्वादालूप डायस (जलस्थळ)	ग्वादालूप डायस (जलस्थळ) हो कविता संग्रह.
36	Sat	08.01.22	8.30AM 9.30AM	to	5. ग्वादालूप डायस (जलस्थळ)	ग्वादालूप डायस (जलस्थळ) हो कविता संग्रह.
37	Sat	08.01.22	10.45AM 11.45AM	to	उजळणी	उजळणी
10 JAN 2022 End of Semester						

KONKANI

DAILY LECTURE SCHEDULE OF SYBA KON - III. E3

Name of the Teacher :- Ms. Glynis Dias

Semester :- III Course Title :- कोंकणी कादंबरेचो खाशेलो अभ्यास

Credits :- 04

Course Code :- KON-III. E-3

Day :- Mon Timing :- 11.45AM to 12.45PM Classroom:- B305

Tue Timing :- 11.45AM to 12.45PM Classroom:- B305

Fri Timing :- 1.15PM to 2.15PM Classroom:- B305

Sat Timing :- 3.30PM to 4.30PM Classroom:- B305

Course Objectives:

1. कादंबरी साहित्य प्रकाराचो सखोल अभ्यास करप.
2. कोंकणी कादंबरेचो आरंभ आनी उदरगत शिकप.
3. कोंकणी कादंबरेच्या साबार विशयांची वळख करप.
4. वेंचीक कोंकणी कादंबरेचो अभ्यास करप.

Learning Outcomes:

1. विद्यार्थ्यांक आर्विल्ले कोंकणी कादंबरेचो अभ्यास जातलो.
2. कोंकणी कादंबरेचो आरंभ आनी उदरगत कशी जाल्या तें विद्यार्थी शिकतले.
3. विद्यार्थ्यांक कोंकणी कादंबरेच्या प्रवाहांची वळख जातली.
4. विद्यार्थ्यांक वेंचीक कोंकणी कादंबरेचो खोलायेन अभ्यास करपाची संद मेळटली.

Sr. No	Day	Date	Time	Topics	Reference
1	Wed	13.10.21	10.45AM to 11.45AM	पुराय अभ्यासक्रमाचेर भासाभास	पुराय अभ्यासक्रमाचेर भासाभास
15 OCT 2021 Dussehra					
2	Fri	16.10.21	8.30AM to	कादंबरी एक साहित्य	प्रकाश वजरीकार,

			9.30AM	प्रकार- संकल्पना	कोंकणी कादंबऱ्यांतलें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2006.
3	Mon	18.10.21	11.45AM to 12.45PM	कादंबरी एक साहित्य प्रकार- संकल्पना	प्रकाश वजरीकार, कोंकणी कादंबऱ्यांतलें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2006.
19 OCT 2021 Id-e-Milad					
4	Fri	22.10.21	1.15PM to 2.15PM	कादंबरी एक साहित्य प्रकार- व्याख्या	प्रकाश वजरीकार, कोंकणी कादंबऱ्यांतलें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2006.
5	Sat	23.10.21	3.30PM to 4.30PM	कादंबरी एक साहित्य प्रकार- घटक	भालचंद्र गांवकर, साहित्य एक भासाभास, मित्र प्रकाशन, 1998.
6	Mon	25.10.21	11.45AM to 12.45PM	कादंबरी एक साहित्य प्रकार- घटक	भालचंद्र गांवकर, साहित्य एक भासाभास, मित्र प्रकाशन, 1998.
7	Tue	26.10.21	11.45AM to 12.45PM	कादंबरी एक साहित्य प्रकार- प्रकार	प्रकाश वजरीकार, कोंकणी कादंबऱ्यांतलें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध,

					2006.
8	Fri	29.10.21	1.15PM to 2.15PM	कादंबरी एक साहित्य प्रकार- प्रकार	प्रकाश वजरीकार, कोंकणी कादंबऱ्यांतलें समाज दर्शन, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2006.
9	Sat	30.10.21	3.30PM to 4.30PM	भारतीय आनी संवसारीक कादंबरी एक सुपुल्लो नियाळ - भारतीय कादंबरेचो सुपुल्लो नियाळ	वेरेंकार, श्याम., सरदेसाय, माधवी., हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
01 NOV TO 06 NOV 2021 Diwali Break					
10	Mon	08.11.21	11.45AM to 12.45PM	भारतीय कादंबरेचो सुपुल्लो नियाळ	वेरेंकार, श्याम., सरदेसाय, माधवी., हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
11	Tue	09.11.21	11.45AM to 12.45PM	भारतीय कादंबरेचो सुपुल्लो नियाळ	वेरेंकार, श्याम., सरदेसाय, माधवी., हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य

					आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
12	Fri	12.11.21	1.15PM to 2.15PM	संवसारीक कादंबरेचो सुपुल्लो नियाळ	वेरेंकार, श्याम., सरदेसाय, माधवी., हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
13	Sat	13.11.21	3.30PM to 4.30PM	संवसारीक कादंबरेचो सुपुल्लो नियाळ	वेरेंकार, श्याम., सरदेसाय, माधवी., हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
14	Mon	15.11.21	11.45AM to 12.45PM	संवसारीक कादंबरेचो सुपुल्लो नियाळ	वेरेंकार, श्याम., सरदेसाय, माधवी., हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
15	Tue	16.11.21	11.45AM to	आर्विल्ली कोंकणी कादंबरी	बुडकुले किरण, अक्षर

			12.45PM		- आरंभ आनी उदरगत	सरिता, आगशी गोंय : बिंम्ब प्रकाशन, 2009.
16	Fri	19.11.21	1.15PM 2.15PM	to	आर्विल्ली कोंकणी कादंबरी - आरंभ आनी उदरगत	बुडकुले किरण, अक्षर सरिता, आगशी गोंय : बिंम्ब प्रकाशन, 2009.
17	Sat	20.11.21	3.30PM 4.30PM	to	आर्विल्ली कोंकणी कादंबरी - आरंभ आनी उदरगत	बुडकुले किरण, अक्षर सरिता, आगशी गोंय : बिंम्ब प्रकाशन, 2009.
18	Mon	22.11.21	11.45AM 12.45PM	to	आर्विल्ले कोंकणी कादंबरतले मुखेल प्रवाह	नागर्वेकार, हरिचंद्र आस्वादन, प्रियोळ गोंय : जाग प्रकाशन, 1992.
19	Tue	23.11.21	11.45AM 12.45PM	to	आर्विल्ले कोंकणी कादंबरतले मुखेल प्रवाह	नागर्वेकार, हरिचंद्र आस्वादन, प्रियोळ गोंय : जाग प्रकाशन, 1992.
20	Fri	26.11.21	1.15PM 2.15PM	to	आर्विल्ले कोंकणी कादंबरतले मुखेल प्रवाह	नागर्वेकार, हरिचंद्र आस्वादन, प्रियोळ गोंय : जाग प्रकाशन, 1992.
21	Sat	27.11.21	3.30PM 4.30PM	to	वेंचीक कोंकणी कादंबरीकाराचो अभ्यास	1. कदम देविदास, दिका, अस्मिताय प्रतिष्ठान, मडगांव, 2004 2. कदम देविदास, गांठवल, जैत प्रकाशन, खोर्ली, 2006 3. कदम देविदास, उबंतर, गोवा कोंकणी

					<p>अकादेमी, पणजी, 2010</p> <p>4. कदम देविदास, जाणवय, संजना पब्लिकेशन्स, सांगें, 2018</p> <p>5. कदम देविदास, कांदळां, श्री दत्त पद्मजा प्रकाशन, काणकोण, 1996.</p> <p>6. कदम देविदास, कोहम्, श्री दत्त पद्मजा प्रकाशन, काणकोण, 2002.</p>
22	Mon	29.11.21	11.45AM to 12.45PM	<p>वेंचीक कोंकणी कादंबरीकाराचो अभ्यास</p>	<p>1. कदम देविदास, दिका, अस्मिताय प्रतिष्ठान, मडगांव, 2004</p> <p>2. कदम देविदास, गांठवल, जैत प्रकाशन, खोर्ली, 2006</p> <p>3. कदम देविदास, उबंतर, गोवा कोंकणी अकादेमी, पणजी, 2010</p> <p>4. कदम देविदास, जाणवय, संजना पब्लिकेशन्स, सांगें, 2018</p> <p>5. कदम देविदास, कांदळां, श्री दत्त पद्मजा प्रकाशन, काणकोण, 1996.</p> <p>6. कदम देविदास, को</p>

					हम्, श्री दत्त पद्मजा प्रकाशन, काणकोण, 2002.
23	Tue	30.11.21	11.45AM to 12.45PM	वेचीक कोंकणी कादंबरेचो अभ्यास दिका कादंबरेचो सखोल अभ्यास - कथानक	<p>1. कदम देविदास, दिका, अस्मिताय प्रतिष्ठान, मडगांव, 2004</p> <p>2. कदम देविदास, गांठवल, जैत प्रकाशन, खोर्ली, 2006</p> <p>3. कदम देविदास, उबंतर, गोवा कोंकणी अकादेमी, पणजी, 2010</p> <p>4. कदम देविदास, जाणवय, संजना पब्लिकेशन्स, सांगें, 2018</p> <p>5. कदम देविदास, कांदळां, श्री दत्त पद्मजा प्रकाशन, काणकोण, 1996.</p> <p>6. कदम देविदास, को हम्, श्री दत्त पद्मजा प्रकाशन, काणकोण, 2002.</p>
<p>03 DEC 2021 Feast of St. Francis Xavier</p>					
24	Sat	04.12.21	3.30PM to	दिका कादंबरेचो सखोल	1. बुडकुले किरण,

			4.30PM	अभ्यास - कथानक	<p>शतकान्तिका, बिंब प्रकाशन आगशी, 20092.</p> <p>2. सरदेसाय, माधवी. जाग कादंबरी विशेशांक : जाग प्रकाशन, 2011.</p>
25	Mon	06.12.21	11.45AM to 12.45PM	दिका कादंबरेचो सखोल अभ्यास - कथानक	<p>1. बुडकुले किरण, शतकान्तिका, बिंब प्रकाशन आगशी, 2009</p> <p>2. सरदेसाय, माधवी. जाग कादंबरी विशेशांक : जाग प्रकाशन, 2011.</p>
26	Tue	07.12.21	11.45AM to 12.45PM	दिका कादंबरेचो सखोल अभ्यास - कथानक	<p>1. बुडकुले किरण, शतकान्तिका, बिंब प्रकाशन आगशी, 2009</p> <p>2. सरदेसाय, माधवी. जाग कादंबरी विशेशांक : जाग प्रकाशन, 2011.</p>

27	Fri	10.12.21	1.15PM to 2.15PM	दिका कादंबरेचो सखोल अभ्यास - निवेदन	<ol style="list-style-type: none"> 1. बुडकुले किरण, शतकान्तिका, बिंब प्रकाशन आगशी, 2009 2. सरदेसाय, माधवी. जाग कादंबरी विशेशांक : जाग प्रकाशन, 2011.
28	Sat	11.12.21	3.30PM to 4.30PM	दिका कादंबरेचो सखोल अभ्यास - निवेदन	सरदेसाय, माधवी. जाग कादंबरी विशेशांक : जाग प्रकाशन, 2011.
29	Mon	13.12.21	11.45AM to 12.45PM	दिका कादंबरेचो सखोल अभ्यास - पात्रचित्रण	चोपडेकार हनुमंत, अस्तुरी प्रतिमा: मुक्ती उपरांतच्या कोंकणी कादंबरींतली, फोंडें गोंय : सारा क्रिएशन, 2010.
30	Tue	14.12.21	11.45AM to 12.45PM	दिका कादंबरेचो सखोल अभ्यास - पात्रचित्रण	चोपडेकार हनुमंत, अस्तुरी प्रतिमा: मुक्ती उपरांतच्या कोंकणी कादंबरींतली, फोंडें गोंय : सारा क्रिएशन, 2010.
31	Fri	17.12.21	1.15PM to 2.15PM	दिका कादंबरेचो सखोल अभ्यास - पात्रचित्रण	चोपडेकार हनुमंत, अस्तुरी प्रतिमा: मुक्ती उपरांतच्या कोंकणी कादंबरींतली, फोंडें गोंय : सारा क्रिएशन, 2010.

32	Sat	18.12.21	3.30PM to 4.30PM	दिका कादंबरेचो सखोल अभ्यास - संवाद	सरदेसाय, माधवी. जाग कादंबरी विशेशांक : जाग प्रकाशन, 2011.
33	Mon	20.12.21	11.45AM to 12.45PM	दिका कादंबरेचो सखोल अभ्यास - संवाद	सरदेसाय, माधवी. जाग कादंबरी विशेशांक : जाग प्रकाशन, 2011.
34	Tue	21.12.21	11.45AM to 12.45PM	दिका कादंबरेचो सखोल अभ्यास - संघर्श	चोपडेकार हनुमंत, अस्तुरी प्रतिमा: मुक्ती उपरांतच्या कोंकणी कादंबरींतली, फोंडें गोंय : सारा क्रिएशन, 2010.

24 DEC TO 1 JAN 2022

Christmas Break

35	Mon	03.01.22	11.45AM to 12.45PM	दिका कादंबरेचो सखोल अभ्यास - संघर्श	चोपडेकार हनुमंत, अस्तुरी प्रतिमा: मुक्ती उपरांतच्या कोंकणी कादंबरींतली, फोंडें गोंय : सारा क्रिएशन, 2010.
36	Tue	04.01.22	11.45AM to 12.45PM	दिका कादंबरेचो सखोल अभ्यास - भाशाशैली	सरदेसाय, माधवी. जाग कादंबरी विशेशांक : जाग प्रकाशन, 2011.
37	Fri	07.01.22	1.15PM to 2.15PM	कादंबरेची समाजशास्त्रीय मोलावणी	सरदेसाय, माधवी. जाग कादंबरी विशेशांक : जाग प्रकाशन, 2011.
38	Sat	08.01.22	3.30PM to	कादंबरेची समाजशास्त्रीय	सरदेसाय, माधवी. जाग

			4.30PM	मोलावणी	कादंबरी विशेशांक : जाग प्रकाशन, 2011.
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10 JAN 2022
End of Semester

Semester Lectures Plan

Name of the College- Parvatibai Chowgule College Of Arts and Science
margao (Autonomous)

Name of the Faculty- Glynis Dias

Subject- Special Study of Konkani Essays

Paper Code- KON-IV.E-7

Program/Course- B.A

Academic Year- 2021-22

Semester- IV

Total Lectures- 60

Course Objectives:

1. कोंकणी विभागांत शिकपी विद्यार्थ्यांक निबंद ह्या साहित्य प्रकाराची वळख घडोवप.
2. निबंद साहित्य प्रकाराची सिध्दांतीक स्वरुपाची वळख घडोवप.
3. कोंकणी निबंदाच्या इतिहासीक फाटभूंयेची वळख घडोवन कोंकणी निबंदाचो विकास कसो जालो ताची म्हायती करून दिवप.
4. कोंकणी निबंद मळावेल्या वेंचीक निबंदांच्या अभ्यासांतल्यान कोंकणी साहित्यात निबंदाचें मळ कशें विकसीत जालें ताचो अभ्यास करप.

Learning Outcomes:

1. कोंकणी विभागांत शिकपी विद्यार्थ्यांक निबंद साहित्य प्रकाराची वळख घडिल्ल्यान तांकां निबंद हो साहित्य प्रकार समजून घेवपाक आधार जातलो.
2. कोंकणी साहित्यांत निबंद साहित्य प्रकाराचो विकास कसो जालो ताची वळख विद्यार्थ्यांक जातली.

3. कोंकणी निबंदाच्या मळार वावर करपी वेंचीक निबंदकारांचें योगदान समजून घेवपाक विद्यार्थ्यांक आदार जातलो.
4. निबंद बरोवपाची आनी निबंदाचें आस्वादन करपाची विद्यार्थ्यांची तांक विकसीत जातली.

No. of Lectures	Date	Topic, Subtopic to be Covered	Learning Outcome	ICT Tools	Reference
1.	3.3.2022	पुराय अभ्यासक्रमाचेर भासाभास	पुराय अभ्यासक्रमांत कितें कितें शिकतलीं तें सांगप.	Google Classroom, Power point Presentation	
2.	4.3.2022	1.निबंद साहित्य प्रकाराची सिध्दांतीक म्हायती- निबंदाच्यो व्याख्या	विद्यार्थ्यांक निबंद साहित्य प्रकाराची वळख घडिल्ल्यान तांकां निबंद हो साहित्य प्रकार समजून घेवपाक आधार जातलो.	Google Classroom, Power point Presentation	आमोणकर राखी विष्णू, कोंकणी निबंध लेखन- समाजशास्त्रीस अध्ययन, गोंय विश्वविद्यालय कोंकणी विभाग पी. एच. डी. पदवी घातीर भेटयल्लो प्रबंध, 2011.
3.	5.3.2022	निबंदाच्यो व्याख्या		Google Classroom, Power point Presentation	
4.	8.3.2022	निबंद कसो बरोवचो		Google Classroom, Power point Presentation	वेरकार श्याम, सरदेसाय माधवी, कमलाकार म्हाळशी, (संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.

5.	9.3.2022	निबंद कसो बरोवचो		Google Classroom, Power point Presentation	
6.	9.3.2022	निबंद कसो बरोवचो		Google Classroom, Power point Presentation	
7.	14.3.2022	निबंदाचे स्वरूप आनी संकल्पना		Google Classroom, Power point Presentation	वेरकार श्याम, सरदेसाय माधवी, कमलाकार म्हाळशी, (संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मंडळ, 2003.
8.	15.3.2022	निबंदाचे स्वरूप आनी संकल्पना		Google Classroom, Power point Presentation	
9.	16.3.2022	निबंदाचे स्वरूप आनी संकल्पना		Google Classroom, Power point Presentation	
10.	16.3.2022	निबंदाचे प्रकार		Google Classroom, Power point Presentation	आमोणकर राखी विष्णू, कोंकणी निबंध लेखन- समाजशास्त्रीस अध्ययन, गोंय विश्वविद्यालय कोंकणी विभाग पी. एचपदवी .डी . घातीर भेटयल्लो प्रबंध, .2011
11.	21.3.2022	निबंदाचे प्रकार		Google Classroom, Power point Presentation	
12.	22.3.2022	3.कोंकणी निबंदाचो विकास	कोंकणी साहित्यांत	Google Classroom, Power point	1. सरदेसाय मनोहरराय,

			निबंध साहित्य प्रकाराचो विकास कसो जालो ताची वळख विद्यार्थ्यांक जातली.	Presentation	(संपादक) कोंकणी विश्वकोश - खंड - 1, ताळगांव गोंय: गोंय विद्यापीठ, 1999. 2. गोमिश ओलिवीन्यु, कोंकणी सरस्पतिचो इतिहास, कोंकणी सरस्पत प्रकाशन, 1996
13.	23.3.2022	कोंकणी निबंधाचो विकास		Google Classroom, Power point Presentation	
14.	23.3.2022	कोंकणी निबंधाचो विकास		Google Classroom, Power point Presentation	
15.	28.3.2022	कोंकणी निबंधाचो विकास		Google Classroom, Power point Presentation	
16.	29.3.2022	कोंकणी निबंधाचो विकास		Google Classroom, Power point Presentation	
17.	30.3.2022	कोंकणी निबंधाचो विकास		Google Classroom, Power point Presentation	
18.	30.3.2022	कोंकणी निबंधाचो विकास		Google Classroom, Power point Presentation	
19.	4.4.2022	कोंकणी निबंधाचो		Google	

		विकास		Classroom, Power point Presentation	
20.	5.4.2022	कोंकणी निबंदाचो विकास		Google Classroom, Power point Presentation	
21.	6.4.2022	कोंकणी निबंदाचो विकास		Google Classroom, Power point Presentation	
22.	6.4.2022	2.सवंसारीक पांवड्यार निबंद लेखनाची वळख	निबंद बरोवपाची आनी निबंदाचें आस्वादन करपाची विद्यार्थ्यांची तांक विकसीत जातली.	Google Classroom, Power point Presentation	आमोणकर राखी विष्णू, कोंकणी निबंध लेखन- समाजशास्त्रीस अध्ययन, गोंय विश्वविद्यालय कोंकणी विभाग पी. एच. डी. पदवी घातीर भेटयल्लो प्रबंध, 2011.
23.	11.4.2022	सवंसारीक पांवड्यार निबंद लेखनाची वळख		Google Classroom, Power point Presentation	
24.	12.4.2022	सवंसारीक पांवड्यार निबंद लेखनाची वळख		Google Classroom, Power point Presentation	
25.	13.4.2022	सवंसारीक पांवड्यार निबंद लेखनाची वळख		Google Classroom, Power point Presentation	
26.	13.4.2022	सवंसारीक पांवड्यार निबंद लेखनाची वळख		Google Classroom, Power point Presentation	
27.	18.4.2022	4.वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास	कोंकणी निबंदाच्या मळार वावर करपी वेंचीक निबंदकारांचें योगदान		राजय पवार - गिरमिट

			समजून घेवपाक विद्यार्थ्यांक आदार जातलो.		
28.	19.4.2022	निबंदांचो अभ्यास			राजय - पवार गिरमिट
29.	20.4.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			राजय पवार - गिरमिट
30.	20.4.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			राजय पवार - गिरमिट
31.	25.4.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नमन धावस्कार- मुक्तमन
32.	26.4.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नमन धावस्कार- मुक्तमन
33.	27.4.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नमन धावस्कार- मुक्तमन
34.	27.4.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नमन धावस्कार- मुक्तमन
35.	2.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			कृ. म. सखुटणकार - चिमटे धमुके
36.	3.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			कृ. म. सखुटणकार - चिमटे धमुके
37.	4.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			कृ. म. सखुटणकार - चिमटे धमुके
38.	4.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			कृ. म. सखुटणकार - चिमटे धमुके

39.	9.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			रोमियो आल्मेदा – आमोरी आमुरपीकी
40.	10.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			रोमियो आल्मेदा – आमोरी आमुरपीकी
41.	11.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			रोमियो आल्मेदा – आमोरी आमुरपीकी
42.	11.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			रोमियो आल्मेदा – आमोरी आमुरपीकी
43.	16.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नायक दत्ता दामोदर – जाय काय जूय?
44.	17.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नायक दत्ता दामोदर – जाय काय जूय?
45.	18.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नायक दत्ता दामोदर – जाय काय जूय?
46.	18.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नायक दत्ता दामोदर – जाय काय जूय?
47.	23.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			केळेकार रवींद्र - सर्जकाची आंतर कथा
48.	24.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			केळेकार रवींद्र - सर्जकाची आंतर कथा
49.	25.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			केळेकार रवींद्र - सर्जकाची आंतर कथा
50.	25.5.2022	वेंचीक कोंकणी निबंदकारांच्या			केळेकार रवींद्र - सर्जकाची आंतर

		निबंदांचो अभ्यास			कथा
51.	30.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			मकेश थळी - हंसध्वनी
52.	31.5.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			मकेश थळी - हंसध्वनी
53.	1.6.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			मकेश थळी - हंसध्वनी
54.	1.6.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			मकेश थळी - हंसध्वनी
55.	6.6.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			पर्येकार प्रकाश - दवरणें
56.	7.6.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			पर्येकार प्रकाश - दवरणें
57.	8.6.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			पर्येकार प्रकाश - दवरणें
58.	8.6.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नायक दत्ता दामोदर - जाय काय जूय?
59.	13.6.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नायक दत्ता दामोदर - जाय काय जूय?
60.	14.6.2022	वेंचीक कोंकणी निबंदकारांच्या निबंदांचो अभ्यास			नायक दत्ता दामोदर - जाय काय जूय?

Semester Lectures Plan

Name of the College- Parvatibai Chowgule College Of Arts and Science
Margao (Autonomous)

Name of the Faculty- Ms.Glynis Dias

Subject- Study of Transliterated Konkani Literature (From Kannada and
Romi Script)

Paper Code- KON-VI.E-15

Program/Course- B.A

Academic Year- 2021-22

Semester- VI

Total Lectures- 60

Course Objectives:

1. कोंकणी भास बरोवपाच्या पांच लिपयांची वळख घडोवप.
2. कन्नड आनी रोमी लिपयांनी रचिल्ल्या साहित्याची उडटी वळख घडोवप.
3. कन्नड लिपयेंतल्यान देवनागरींत उजवाडाक आयिल्ल्या वेंचीक साहित्यकृतीचो अभ्यास करप.
4. रोमी लिपयेंतल्यान देवनागरींत उजवाडाक आयिल्ल्या वेंचीक साहित्यकृतीचो अभ्यास करप.

Course Learning Outcome:

1. कोंकणी भास बरोवपाच्या पांच लिपयांची वळख विद्यार्थ्यांक घडटली.
2. कन्नड आनी रोमी लिपयांनी रचिल्ल्या साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.
3. कन्नड लिपयेंतल्यान देवनागरींत उजवाडाक आयिल्ल्या वेंचीक साहित्यकृतीचो अभ्यास जातलो.
4. रोमी लिपयेंतल्यान देवनागरींत उजवाडाक आयिल्ल्या वेंचीक साहित्यकृतीचो अभ्यास जातलो.

No. of Lectures	Date	Topic, Subtopic to be Covered	Learning Outcome	ICT Tools	Reference
1	8.3.2022	पुराय अभ्यासक्रमाची भासाभास	पुराय अभ्यासक्रमांत कितें कितें शिकतलीं तें सांगप.	Google Classroom , Power point Presentation	
2	9.3.2022	1. कन्नड लिपयेंतलें कोंकणी साहित्य - फाटभूंय आनी वळख- कथा	कन्नड लिपयांनी रचिल्ल्या कथा साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर (संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
3	10.3.2022	कविता	कन्नड लिपयांनी रचिल्ल्या कविता साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर (संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
4	14.3.2022	नाटक	कन्नड लिपयांनी रचिल्ल्या नाटक साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.

5	15.3.2022	कादंबरी	कन्नड लिपयांनी रचिल्ल्या कादंबरी साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
6	16.3.2022	कादंबरी	कन्नड लिपयांनी रचिल्ल्या कादंबरी साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	वेरेंकार, श्याम., सरदेसाय, माधवी., म्हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
7	17.3.2022	4. वेंचीक साहित्यकृतींचो अभ्यास- खांद (नविलका)	रोमी लिपयेंतल्यान देवनागरींत उजवाडाक आयिल्ल्या वेंचीक साहित्यकृतींचो अभ्यास जातलो.		गोयश विली, खांद, गोवा कोंकणी अकादेमी, 2014.

8	21.3.2022	खांद (नविलका)			
9	22.3.2022	खांद (नविलका)			
10	23.3.2022	खांद (नविलका)			
11	24.3.2022	खांद (नविलका)			
12	28.3.2022	खांद (नविलका)			
13	29.3.2022	खांद (नविलका)			
14	30.3.2022	खांद (नविलका)			
15	31.3.2022	खांद (नविलका)			
16	4.4.2022	खांद (नविलका)			
17	5.4.2022	खांद (नविलका)			
18	6.4.2022	खांद (नविलका)			
19	7.4.2022	खांद (नविलका)			
20	11.4.2022	खांद (नविलका)			

21	12.4.2022	खांद (नविलका)			
22	13.4.2022	खांद (नविलका)			
23	18.4.2022	खांद (नविलका)			
24	19.4.2022	खांद (नविलका)			
25	20.4.2022	खांद (नविलका)			
26	21.4.2022	खांद (नविलका)			
27	25.4.2022	खांद (नविलका)			
28	26.4.2022	खांद (नविलका)			
29	27.4.2022	खांद (नविलका)			
30	28.4.2022	खांद (नविलका)			
31	2.5.2022	खांद (नविलका)			

32	3.5.2022	रोमी लिपयेंतलें कोंकणी साहित्य - फाटभूंय आनी वळख - कथा	3. रोमी लिपयांनी रचिल्ल्या कथा साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	Gomes Olivinho, Konkani Literature in Roman Script-A Brief History, Dalgado Konkani Akademi, Panaji Goa, 2010.
33	4.5.2022	कविता	रोमी लिपयांनी रचिल्ल्या कविता साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	Gomes Olivinho, Konkani Literature in Roman Script-A Brief History, Dalgado Konkani Akademi, Panaji Goa, 2010.
34	5.5.2022	तियात्र	रोमी लिपयांनी रचिल्ल्या तियात्र साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	Gomes Olivinho, Konkani Literature in Roman Script-A Brief History, Dalgado Konkani Akademi, Panaji Goa, 2010.

35	9.5.2022	कादंबरी	रोमी लिपयांनी रचिल्ल्या कादंबरी साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	<ol style="list-style-type: none"> 1. Gomes Olivinho, Konkani Literature in Roman Script-A Brief History, Dal gado Konkani Akademi, Panaji Goa, 2010. 2. संपादक वेरेंकार श्याम आनी हेर, कोंकणी भास साहित्य आनी संस्कृताय, कोंकणी भाशा मंडळ, मडगांव-गोंय, 2003.
36	10.5.2022	रोमांशी	रोमी लिपयांनी रचिल्ल्या रोमांशी साहित्याची उडटी वळख विद्यार्थ्यांक घडटली.	Google Classroom , Power point Presentation	<ol style="list-style-type: none"> 1. Gomes Olivinho, Konkani Literature in Roman Script-A Brief History, Dal gado Konkani

					<p>Akademi, Panaji Goa, 2010.</p> <p>2. संपादक वेरेंकार श्याम आनी हेर, कोंकणी भास साहित्य आनी संस्कृताय, कोंकणी भाशा मंडळ, मडगांव-गोंय, 2003.</p>
37	11.5.2022	2. वेंचीक साहित्यकृतींचो अभ्यास- प्रकृतीचो पास (कवता झेलो)	कन्नड लिपयेंतल्यान देवनागरींत उजवाडाक आयिल्ल्या वेंचीक साहित्यकृतीचो अभ्यास जातलो.		रोड्रीगस मेल्विन, प्रकृतीचो पास, कविता पब्लिकेशनस, 2008.
38	12.5.2022	प्रकृतीचो पास (कवता झेलो)			
39	16.5.2022	प्रकृतीचो पास (कवता झेलो)			
40	17.5.2022	प्रकृतीचो पास (कवता झेलो)			
41	18.5.2022	प्रकृतीचो पास (कवता झेलो)			
42	19.5.2022	प्रकृतीचो पास (कवता झेलो)			

43	23.5.2022	प्रकृतीचो पास (कवता झेलो)			
44	24.5.2022	प्रकृतीचो पास (कवता झेलो)			
45	25.5.2022	प्रकृतीचो पास (कवता झेलो)			
46	26.5.2022	प्रकृतीचो पास (कवता झेलो)			
47	30.5.2022	प्रकृतीचो पास (कवता झेलो)			
48	31.5.2022	प्रकृतीचो पास (कवता झेलो)			
49	1.6.2022	प्रकृतीचो पास (कवता झेलो)			
50	2.6.2022	प्रकृतीचो पास (कवता झेलो)			
51	6.6.2022	प्रकृतीचो पास (कवता झेलो)			
52	7.6.2022	प्रकृतीचो पास (कवता झेलो)			
53	8.6.2022	प्रकृतीचो पास (कवता झेलो)			
54	9.6.2022	प्रकृतीचो पास (कवता झेलो)			
55	13.6.2022	प्रकृतीचो पास (कवता झेलो)			

56	14.6.2022	प्रकृतीचो पास (कवता झेलो)			
57	15.6.2022	प्रकृतीचो पास (कवता झेलो)			
58	16.6.2022	प्रकृतीचो पास (कवता झेलो)			
59		प्रकृतीचो पास (कवता झेलो)			
60		प्रकृतीचो पास (कवता झेलो)			

DAILY LECTURE SCHEDULE OF TYBA KON -V. E10

Name of the Teacher :- Ms. Glynis Dias

Semester :- V

Course Title :- वेंचीक कोंकणी कादंबरेचो समाजीक अभ्यास

Credits :- 04

Course Code :- KON-V. E-10

Day :- Thu	Timing :- 11.45AM to 12.45PM	Classroom:- B206
Fri	Timing :- 8.30AM to 9.30 AM	Classroom:- B304
	Timing :- 11.45AM to 12.45PM	Classroom:- B206
Sat	Timing :- 9.30AM to 10.30AM	Classroom:- B304

Course Objectives:

- 1.विद्यार्थांक साहित्याच्या माध्यमांतल्यान समाजीक विशयांचें म्हत्व समजावन सांगप.
2. साहित्य, भास आनी समाज हांचो संबंद शिकपाक मदत करप.
3. साहित्य आनी समाज्याच्या वेगळ्या वेगळ्या घटकांची वळख घडोवप.
4. साहित्य कृतींतल्यान संस्कृतायेच्या वेगळ्या वेगळ्या आंगांची वळख घडोवप.

Learning Outcomes:

1. विद्यार्थांक साहित्याच्या माध्यमांतल्यान समाजीक विशयांचें म्हत्व समजतलें.
2. साहित्य, भास आनी समाज हांचो संबंद समजतलो.
3. साहित्य आनी समाज्याच्या वेगळ्या वेगळ्या घटकांची वळख जातली.
4. साहित्य कृतींतल्यान संस्कृतायेच्या वेगळ्या वेगळ्या आंगांची वळख जातली.

Sr No	Day	Date	Time	Topics	Reference
1	Wed	13.10.21	8.30AM to 9.30 AM	पुराय अभ्यासक्रमाचेर भासाभास	पुराय अभ्यासक्रमाचेर भासाभास
2	Wed	13.10.21	11.45AM to 12.45PM	समाज आनी समाजवेवस्था	वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी,

					कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
3	Thu	14.10.21	8.30AM to 9.30 AM	समाज आनी समाजवेवस्था	वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003.
4	Thu	14.10.21	11.45AM to 12.45PM	लोकजिवन आनी लोकसंस्कृताय	1. वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003. 2. सरदेसाय माधवी, जाग कादंबरी विशेशांक 2011. मडगांव गोंय : जाग प्रकाशन, 2011.

5	Sat	16.10.21	9.30AM 10.30AM	to	लोकजिवन लोकसंस्कृताय	आनी	<ol style="list-style-type: none"> 1. वेरेंकार, श्याम, सरदेसाय, माधवी, म्हाळशी, कमलाकर(संपादक) कोंकणी भास, साहित्य आनी संस्कृताय, मडगांव गोंय : कोंकणी भाशा मडळ, 2003. 2. सरदेसाय माधवी, जाग कादंबरी विशेशांक 2011. मडगांव गोंय : जाग प्रकाशन, 2011.
6	Wed	20.10.21	11.45AM 12.45PM	to	सैम आनी पर्यावरण		<ol style="list-style-type: none"> 1. भावे भुषण, खण वेवसायाचेर आदारीत कांय कादंबऱ्यांचो अभ्यास, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2015. 2. भावे, भुषण, साहित्य विमर्श, शाल्मली प्रकाशन, पणजी गोंय, 2016.

7	Fri	22.10.21	8.30AM to 9.30 AM	सैम आनी पर्यावरण	<p>1. भावे भुषण, खण वेवसायाचेर आदारीत कांय कादंबऱ्यांचो अभ्यास, गोंय विद्यापिठांत सादर केल्लो सोद प्रबंध, 2015.</p> <p>2. भावे, भुषण, साहित्य विमर्श, शाल्मली, पणजी गोंय, प्रकाशन, 2016.</p>
8	Fri	22.10.21	11.45AM to 12.45PM	मानवीय संवेदना आनी संघर्श	चोपडेकार हनुमंत, अस्तुरी प्रतिमा: मुक्ती उपरांतच्या कोंकणी कादंबरींतली, : सारा क्रिएशन, फोंडें गोंय 2010.
9	Sat	23.10.21	9.30AM to 10.30AM	मानवीय संवेदना आनी संघर्श	चोपडेकार हनुमंत, अस्तुरी प्रतिमा: मुक्ती उपरांतच्या कोंकणी कादंबरींतली, : सारा क्रिएशन, फोंडें गोंय 2010.
10	Thu	28.10.21	11.45AM to	स्त्री पुरुश संबध	चोपडेकार हनुमंत,

			12.45PM		अस्तुरी प्रतिमा: मुक्ती उपरांतच्या कोंकणी कादंबरींतली, : सारा क्रिएशन, फॉडें गोंय 2010.
11	Fri	29.10.21	8.30AM to 9.30 AM	स्त्री पुरुश संबंध	चोपडेकार हनुमंत, अस्तुरी प्रतिमा: मुक्ती उपरांतच्या कोंकणी कादंबरींतली, : सारा क्रिएशन, फॉडें गोंय 2010.
12	Fri	29.10.21	11.45AM to 12.45PM	लेखकाची समाजीक जाणविकाय	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
13	Sat	30.10.21	9.30AM to 10.30AM	लेखकाची समाजीक जाणविकाय	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
01 NOV TO 06 NOV 2021 Diwali Break					
14	Thu	11.11.21	11.45AM to 12.45PM	लेखकाची समाजीक जाणविकाय	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
15	Fri	12.11.21	8.30AM to 9.30 AM	अभ्यासक्रमांत दिल्ल्या घटकांक धरून संस्कार कादंबरीचो अभ्यास (1-7 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
16	Fri	12.11.21	11.45AM to 12.45PM	अभ्यासक्रमांत दिल्ल्या घटकांक धरून संस्कार कादंबरीचो अभ्यास (8-14 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
17	Sat	13.11.21	9.30AM to	अभ्यासक्रमांत दिल्ल्या	अनंतमूर्ती यू. आर.

			10.30AM		घटकांक धरून संस्कार कादंबरीचो अभ्यास (15-22 पान)	संस्कार,अमित प्रकाशन,1991
18	Thu	18.11.21	11.45AM to 12.45PM		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (23-28 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन,1991
19	Fri	19.11.21	8.30AM to 9.30 AM		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (24-35 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन,1991
20	Fri	19.11.21	11.45AM to 12.45PM		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (36-42 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन,1991
21	Sat	20.11.21	9.30AM to 10.30AM		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (43-49 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन,1991
22	Thu	25.11.21	11.45AM to 12.45PM		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (50-56 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन,1991
23	Fri	26.11.21	8.30AM to 9.30 AM		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (57-63 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन,1991
24	Fri	26.11.21	11.45AM to 12.45PM		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (64-70 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन,1991
25	Sat	27.11.21	9.30AM to 10.30AM		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन,1991

				(71-77 पान)	
26	Thu	02.12.21	11.45AM 12.45PM	to अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (78-84 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
03 DEC 2021 Feast of St. Francis Xavier					
27	Sat	04.12.21		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (85-91 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
28	Thu	09.12.21		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (92-98 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
29	Fri	10.12.21		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (99-105 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
30	Fri	10.12.21		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (106-112 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
31	Sat	11.12.21		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (113-119 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
32	Thu	16.12.21		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (120-126 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
33	Fri	17.12.21		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार	अनंतमूर्ती यू. आर. संस्कार, अमित

				कादंबरीचो अभ्यास (127-133 पान)	प्रकाशन, 1991
34	Fri	17.12.21		अभ्यासक्रमांत दिल्ली घटकांक धरून संस्कार कादंबरीचो अभ्यास (134-142 पान)	अनंतमूर्ती यू. आर. संस्कार, अमित प्रकाशन, 1991
35	Sat	18.12.21		कादंबरेविशीं विद्यार्थांचें सादरीकरण	कादंबरेविशीं विद्यार्थांचें सादरीकरण
36	Thu	23.12.21		कादंबरेविशीं विद्यार्थांचें सादरीकरण	कादंबरेविशीं विद्यार्थांचें सादरीकरण
24 DEC TO 1 JAN 2022 Christmas Break					
37	Thu	6.01.22		कादंबरेविशीं विद्यार्थांचें सादरीकरण	कादंबरेविशीं विद्यार्थांचें सादरीकरण
38	Fri	7.01.22		कादंबरेविशीं विद्यार्थांचें सादरीकरण	कादंबरेविशीं विद्यार्थांचें सादरीकरण
39	Fri	7.01.22		कादंबरेविशीं विद्यार्थांचें सादरीकरण	कादंबरेविशीं विद्यार्थांचें सादरीकरण
40	Sat	8.01.22		कादंबरेविशीं विद्यार्थांचें सादरीकरण	कादंबरेविशीं विद्यार्थांचें सादरीकरण
10 JAN 2022 End of Semester					

DAILY LECTURE SCHEDULE OF FYBA FC-KON - I

Name of the Teacher :- Ms. Glynis Dias

Semester :- I

Course Title :- कोंकणी वाचन लेखन कौशल्य

Credits :- 04

Course Code :- FC-KON-I

Day :- MON	Timing :- 9.30AM to 10.30AM	Classroom:- B202
TUE	Timing :- 9.30AM to 10.30AM	Classroom:- B202
WED	Timing :- 9.30AM to 10.30AM	Classroom:- B202
THU	Timing :- 9.30AM to 10.30AM	Classroom:- B202

Course Objectives:

1. हया अभ्यासक्रमाच्या माध्यमांतल्यान विद्यार्थ्यांक भाशण कौशल्य शिकोवप.
2. कोंकणी शुध्दलेखनाचो अभ्यास करप.
3. कोंकणी भाशेक उपयोगी संगणकीय तंत्रज्ञान गरजेचें हे पासत कोंकणी टायपसेटींग कौशल्य शिकोवप.
4. कोंकणी भाशेतल्यान वेव्हारीक लेखनाचो अभ्यास करप. वेवसायीक मळांचेर मुखार सरपाक गरजेचें अशें मळावें गिन्यान विद्यार्थ्यांक दिवप.

Learning Outcomes:

1. विद्यार्थी कोंकणी व्याकरण आनी शुध्दलेखन शिकतले.
2. कोंकणी भाशेचीं खाशेलपणां विद्यार्थी थिकतले.
3. विद्यार्थी कोंकणी भाशेतल्यान वेव्हारीक लेखनाचो अभ्यास करतले.
4. कोंकणी भाशेक उपयोगी संगणकीय तंत्रज्ञान गरजेचें हे पासत कोंकणी टायपसेटींग कौशल्य शिकतली.

Sr. No	Day	Date	Time	Topics	Reference
1	Mon	18.10.21	9.30AM to 10.30AM	पुराय अभ्यासक्रमाचेर भासाभास	पुराय अभ्यासक्रमांत कितें कितें शिकतलीं तें सांगप.

19 OCT 2021

Id-e-Milad

2	Wed	20.10.21	9.30AM 10.30AM	to	4. लेखन कौशल्य	लेखनाचें म्हत्व, स्वरूप आनी खाशेलपण दाखोवन दिवप.
3	Thu	21.10.21	9.30AM 10.30AM	to	कोंकणी भाशेची मुळावी वळख घडोवप	भावे भूषण आनी हेर, कारबारी कोंकणी, राजहंस, 2013.
4	Mon	25.10.21	9.30AM 10.30AM	to	कोंकणीतले स्वर आनी व्यंजनां.	भावे भूषण आनी हेर, कारबारी कोंकणी, राजहंस, 2013.
5	Tue	26.10.21	9.30AM 10.30AM	to	देवनागरी लिपीतल्यो कुरवो आनी कांय भाशीक खुणो. कोंकणी भाशेंतल्या	भावे भूषण आनी हेर, कारबारी कोंकणी, राजहंस, 2013.
6	Fri	27.10.21	9.30AM 10.30AM	to	देवनागरी लिपीतल्यो कुरवो आनी कांय भाशीक खुणो.	भावे भूषण आनी हेर, कारबारी कोंकणी, राजहंस, 2013.
7	Thu	28.10.21	9.30AM 10.30AM	to	इलेक्ट्रॉनिक माध्यमां खातीर देवनागरी टायपींग.	टायपींग करपाक शिकोवप.

01 NOV TO 06 NOV 2021

Diwali Break

8	Mon	08.11.21	9.30AM 10.30AM	to	इलेक्ट्रॉनिक माध्यमां खातीर देवनागरी टायपींग.	टायपींग करपाक शिकोवप.
9	Tue	09.11.21	9.30AM 10.30AM	to	इलेक्ट्रॉनिक माध्यमां खातीर देवनागरी टायपींग.	टायपींग करपाक शिकोवप.

10	Wed	10.11.21	9.30AM 10.30AM	to	इलेक्ट्रॉनिक खातीर टायपींग.	माध्यमां देवनागरी	टायपींग शिकोवप.	करपाक
11	Thu	11.11.21	9.30AM 10.30AM	to	इलेक्ट्रॉनिक खातीर टायपींग.	माध्यमां देवनागरी	टायपींग शिकोवप.	करपाक
12	Mon	15.11.21	9.30AM 10.30AM	to	शुध्दलेखनाचे कोंकणी लेखन.	नदरेन	कोंकणी शुध्दलेखनाचे नेम, गोवा कोंकणी अकादेमी, पणजी गोंय, 2015.	
13	Tue	16.11.21	9.30AM 10.30AM	to	शुध्दलेखनाचे कोंकणी लेखन.	नदरेन	कोंकणी शुध्दलेखनाचे नेम, गोवा कोंकणी अकादेमी, पणजी गोंय, 2015.	
14	Wed	17.11.21	9.30AM 10.30AM	to	शुध्दलेखनाचे कोंकणी लेखन.	नदरेन	कोंकणी शुध्दलेखनाचे नेम, गोवा कोंकणी अकादेमी, पणजी गोंय, 2015.	
15	Thu	18.11.21	9.30AM 10.30AM	to	शुध्दलेखनाचे कोंकणी लेखन.	नदरेन	कोंकणी शुध्दलेखनाचे नेम, गोवा कोंकणी अकादेमी, पणजी गोंय, 2015.	
16	Mon	22.11.21	9.30AM 10.30AM	to	शुध्दलेखनाचे कोंकणी लेखन.	नदरेन	कोंकणी शुध्दलेखनाचे नेम, गोवा कोंकणी अकादेमी, पणजी गोंय, 2015.	
17	Tue	23.11.21	9.30AM 10.30AM	to	शुध्दलेखनाचे कोंकणी लेखन.	नदरेन	कोंकणी शुध्दलेखनाचे नेम, गोवा कोंकणी अकादेमी, पणजी गोंय, 2015.	

18	Wed	24.11.21	9.30AM 10.30AM	to	3. वाचन कौशल्य	वाचनाचें म्हत्व, गरज सांगप.
19	Thu	25.11.21	9.30AM 10.30AM	to	धापतो आनी उकतो उच्चार शिकप.	कोंकणी शुध्दलेखनाचे नेम, गोवा कोंकणी अकादेमी, पणजी गोंय, 2015.
20	Mon	29.11.21	9.30AM 10.30AM	to	कोंकणींतल्या साहित्य प्रकारांची वखळ करून दिवप.	सगळ्या साहित्य प्रकारांची वळख.
21	Tue	30.11.21	9.30AM 10.30AM	to	कोंकणींतल्या साहित्य प्रकारांचें वाचन करप.	विद्यार्थ्यांक वाचपाक लावप.
22	Wed	01.12.21	9.30AM 10.30AM	to	कोंकणींतल्या साहित्य प्रकारांचें वाचन करप.	विद्यार्थ्यांक वाचपाक लावप.
23	Thu	02.12.21	9.30AM 10.30AM	to	दिसाळ्याचें आनी नेमाळ्याचें वाचन करपाक लावप.	विद्यार्थ्यांक वाचपाक लावप.

03 DEC 2021

Feast of St. Francis Xavier

24	Mon	06.12.21	9.30AM 10.30AM	to	1. उलोवप कौशल्यांची वळख आनी म्हत्व	उलोवप कित्याक गरजेचें, स्वरूप, म्हत्व, खाशेलपण पटोवन दिवप.
25	Tue	07.12.21	9.30AM 10.30AM	to	विद्यार्थ्यांनी उलोवपां, मतां आयकून भाश्य करप.	यू ट्युबा वयलीं उलोवपां.
26	Wed	08.12.21	9.30AM 10.30AM	to	विद्यार्थ्यांनी ऑडियो - विडीयो आयकून भाश्य	यू ट्युबा वयले ऑडियो

					करप.	
27	Thu	09.12.21	9.30AM 10.30AM	to	ऑडियो - विडीयो माध्यमांचो वापर करून विद्यार्थ्यांची श्रवणकला पळोवप.	यू ट्युबा वयले ऑडियो
28	Mon	13.12.21	9.30AM 10.30AM	to	हेर भाशेंतली विधानां आयकून कोंकणीत अणकारून उलोवप.	कोंकणीत अणकारून उलोवप.
29	Tue	14.12.21	9.30AM 10.30AM	to	2. उलोवप आनी आयकप कौशल्य	उलोवपाचें आनी आयकूपाचें स्वरूप, म्हत्व आनी खाशेलपण सांगप.
30	Wed	15.12.21	9.30AM 10.30AM	to	विशय दिवन विद्यार्थ्यांक उलोवपाक लावप	दर एका विद्यार्थ्यांक उलोवपाक लावप.
31	Thu	16.12.21	9.30AM 10.30AM	to	विशय दिवन विद्यार्थ्यांक उलोवपाक लावप	दर एका विद्यार्थ्यांक उलोवपाक लावप.
32	Mon	20.12.21	9.30AM 10.30AM	to	विशय दिवन विद्यार्थ्यांक उलोवपाक लावप	दर एका विद्यार्थ्यांक उलोवपाक लावप.
33	Tue	21.12.21	9.30AM 10.30AM	to	विशय दिवन विद्यार्थ्यांक उलोवपाक लावप	दर एका विद्यार्थ्यांक उलोवपाक लावप.
34	Wed	22.12.21	9.30AM 10.30AM	to	विद्यार्थ्यांक भासाभासा करपाक लावप.	विशय दिवन विद्यार्थ्यांक भासाभासा करपाक लावप.
35	Thu	23.12.21	9.30AM 10.30AM	to	विद्यार्थ्यांक भासाभासा करपाक लावप.	विशय दिवन विद्यार्थ्यांक भासाभासा करपाक लावप.

24 DEC TO 1 JAN 2022						
Christmas Break						
36	Mon	03.01.22	9.30AM 10.30AM	to	भाशण कौशल्य शिकोवप.	भाशण कौशल्य शिकोवप.
37	Tue	04.01.22	9.30AM 10.30AM	to	सुत्रनिवेदन, कशे करप ते सांगप.	सुत्रनिवेदनां विशीं मार्गदर्शन करप.
38	Wed	05.01.22	9.30AM 10.30AM	to	मुलाखती कश्यो घेवप ताची माहिती दिवप	भावे भूषण आनी हेर, कारबारी कोंकणी, राजहंस, 2013.
39	Thu	06.01.22	9.30AM 10.30AM	to	खंयच्याय प्रसंगाचे वर्णन करपाक लावप	एक प्रसंग दाखोवन वर्णन करपाक लावप.
<p>10 JAN 2022</p> <p>End of Semester</p>						

MARATHI

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Madgao – Goa.

Name of Faculty: MS. SHRADDHA BHANUDAS
GAWANDI

Subject: MARATHI

Paper code: MAR-III.C-5

Program: SYBA

Division:

Academic year: 2021- 2022

Semester: IV

Total Lectures: 60

1. Course Objectives:

काव्य या
वाङ्मयप्रकाराच्या
व्याख्या व स्वरूप
समजावून घेणे.

2. काव्यशास्त्र - शास्त्र

म्हणून मीमांसा /
सिध्दांतन
अभ्यासणे.

3. संस्कृत साहित्यातील

काव्यलक्षणाची
ओळख करून
घेण्याबरोबरच
पाश्चात्य

साहित्यातील
काव्यलक्षणांचा
परिचय करून देणे.

4. भारतीयांची
काव्यप्रयोजने व
पाश्चात्यांची
काव्यप्रयोजने यांची
माहिती होईल.
5. प्रतिभेचे स्वरूप व
काव्यातील तिचे
महत्त्व कोणते
याविषयी
विद्यार्थ्यांना माहिती
होईल.

1. Expected Course Outcome:
काव्य या साहित्यप्रकाराची
विद्यार्थ्यांना ओळख होईल
त्याचबरोबर एक शास्त्र म्हणून
काव्यशास्त्राची बाजू ध्यानात येईल.
2. प्राचीन काव्यापासून म्हणजे संस्कृत
साहित्यातील काव्यलक्षणे व
पाश्चात्य साहित्यातील काव्यलक्षणे

समजल्यामुळे, एकूणच
काव्यशास्त्राचा सखोल अभ्यास
होईल.

3. काव्यनिर्मितीकडे, प्राचीन भारतीय
साहित्याभ्यासकांनी आणि पाश्चात्य
साहित्याभ्यासकांनी कोणकोणत्या
हेतूने पाहिले आणि काव्यनिर्मिताची
कोणकोणती प्रयोजने होती त्याचा
सविस्तर अभ्यास होईल.
4. काव्यनिर्मितीत प्रतिभेचा महत्त्वाचा
परिचय होईल.
5. काव्याकडे पाहण्याची एक
समीक्षात्मक, विश्लेषणात्मकदृष्टी
प्राप्त होईल.

1. Student Learning Outcome:

- काव्य या साहित्यप्रकाराची
विद्यार्थ्यांना ओळख होईल
त्याचबरोबर एक शास्त्र म्हणून
काव्यशास्त्राची बाजू ध्यानात येईल.
2. प्राचीन काव्यापासून म्हणजे संस्कृत
साहित्यातील काव्यलक्षणे व
पाश्चात्य साहित्यातील काव्यलक्षणे
समजल्यामुळे, एकूणच

काव्यशास्त्राचा सखोल अभ्यास
होईल.

3. काव्यनिर्मितीकडे, प्राचीन भारतीय
साहित्याभ्यासकांनी आणि पाश्चात्य
साहित्याभ्यासकांनी कोणकोणत्या
हेतूने पाहिले आणि काव्यनिर्मिताची
कोणकोणती प्रयोजने होती त्याचा
सविस्तर अभ्यास होईल.
4. काव्यनिर्मितीत प्रतिभेचा महत्त्वाचा
परिचय होईल.
5. काव्याकडे पाहण्याची एक
समीक्षात्मक, विश्लेषणात्मकदृष्टी
प्राप्त होईल.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	06/10/2021	31/10/2021	16	Topic 1 काव्यलक्षणे – भारतीय व पाश्चात्य Topic 2 भारतीय काव्यलक्षणे पाश्चात्य काव्यलक्षणे • मम्मट		Power point presentation	1. गाडगीळ स. रा., 'काव्यशास्त्र प्रदीप', व्हीनस प्रकाशन,

				<ul style="list-style-type: none"> • भामह • रुद्रट • आनंदवर्धन • क्षेमेंद्र • कुंतक • भरत • वामन • काव्याचे स्वरूप • शरीर आणि आत्मा • स्तीचे रूपक • भावनेचे अंग • बुद्धीचे अंग • कल्पनेचे अंग 			पुणे, 2010	
November	08/11/2021	30/11/2021	1	12	<p>काव्यप्रयोजने</p> <ul style="list-style-type: none"> • भारतीय व पाश्चात्य • मम्मट • यश • अर्थप्राप्ती • व्यवहारज्ञान • अशुभनिवारण • आनंदप्राप्ती • पत्नीप्रमाणे उपदेश 		Power point presentation	<p>1. गाडगीळ स. रा., 'काव्यशास्त्र प्रदीप', व्हीनस प्रकाशन, पुणे, 2010</p>

				<ul style="list-style-type: none"> • पलायवाद • इच्छापूर्ती • जिज्ञासापूर्ती • उद्बोधन • आत्माविष्कार 			
December	01/12/2021	23/12/2021 1	16	<p>शब्दशक्ति व प्रतिभाविचार</p> <ul style="list-style-type: none"> • प्रतिभेचे स्वरूप • काव्यनिर्मितीत ग्रहण/स्मरण/निवड यांचे महत्व • स्मरणशक्ती • स्फूर्ती • उत्प्रेक्षा • भावनात्मकता • व्युत्पत्ती • अभ्यास/परिश्रम • शब्दशक्ती • अभीधा • व्यंजना • लक्षणा • अभिधेचे प्रकार (योग,रुढी, योग रुढी) • लक्षणेचे प्रकार 	<ul style="list-style-type: none"> • शब्दशक्ति • प्रतिभाविचार 	<p>Power point presentation</p>	<p>1. गाडगीळ स. रा., 'काव्यशास्त्र प्रदीप', व्हीनस प्रकाशन, पुणे, 2010</p>

				<ul style="list-style-type: none"> • व्यंजनेचे प्रकार • अलंकारध्वनी • रसध्वनी 			
January	03/01/2022	10/01/2022 2	4	काव्याचे विविध प्रकार <ul style="list-style-type: none"> • साकी • दिंडी • अभंग • विडंबन • गझल • हायकू • सुनित 	मात्रावृत्त , छंदबद्ध, अक्षरगणवृत्त	Power point presentatio n	1. गाडगीळ स. रा., 'काव्यशास्त्र प्रदीप', व्हीनस प्रकाशन, पुणे, 2010

*** Assessment Rubrics**

Component	Max Marks
CA1	20
CA 2	20
CA3	20
Internal Evaluation	10
Semester End Exam	30

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Madgao – Goa.

Name of Faculty: MS. SHRADDHA
BHANUDAS GAWANDI

Subject: MARATHI

Paper code: MAR-I.C-1

Program: FYBA

Division:

Academic year: 2021 - 2022

Semester: I

Total Lectures: 60

Course Objectives:

साहित्याच्या मूलभूत प्रकारांपैकी कथा हा एक साहित्याचा प्रकार आहे. या साहित्यप्रकाराची गुण वैशिष्ट्ये समजावून घेणे. मराठी कथा साहित्याचा ऐतिहासिक परामर्श घेणे. सैध्दांतिक तसेच उपयोजित स्तरावर कथांचा अभ्यास करणे. मराठी कथा साहित्याला समृद्ध बनवणाऱ्या कथांच्या अध्ययनातून

या साहित्यप्रकारातील
बदलत्या प्रवाहांचा
परिचय करून देणे.

Expected Course Outcome:

सैध्दांतिक व उपयोजित स्तरावर कथा
या साहित्यप्रकाराचे अध्ययन
केल्यामुळे या साहित्यप्रकाराचे
मूल्यमापन करण्याची क्षमता
विद्यार्थ्यांमध्ये निर्माण होईल. तसेच
मराठी कथासाहित्यातील महत्वाच्या
कथाकारांचा परिचय होईल.
त्याचप्रमाणे कथेतील विविध प्रवाह
समजून घेता येतील.
कथालेखनाविषयीची आवड निर्माण
होईल. कथेची समिक्षा आणि
अध्यापन कसे करावे याची ओळख
होऊ शकेल. इतर सर्वच
लेखनप्रकाराचा पायाभूत लेखनप्रकार
म्हणून या प्रकाराची ओळख
विद्यार्थ्यांना होऊ शकेल.

Student Learning Outcome:

सैध्दांतिक व उपयोजित स्तरावर कथा
या साहित्यप्रकाराचे अध्ययन
केल्यामुळे या साहित्यप्रकाराचे
मूल्यमापन करण्याची क्षमता
विद्यार्थ्यांमध्ये निर्माण होईल. तसेच
मराठी कथासाहित्यातील महत्त्वाच्या
कथाकारांचा परिचय होईल.
त्याचप्रमाणे कथेतील विविध प्रवाह
समजून घेता येतील.
कथालेखनाविषयीची आवड निर्माण
होईल. कथेची समिक्षा आणि
अध्यापन कसे करावे याची ओळख
होऊ शकेल. इतर सर्वच
लेखनप्रकाराचा पायाभूत लेखनप्रकार
म्हणून या प्रकाराची ओळख
विद्यार्थ्यांना होऊ शकेल.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	06/10/2021	31/10/2021	13	Topic 1 सैध्दांतिक स्तर 1. Topic 2 कथा या		Power point presentat	१. कुलकर्णी, दा.

			<p>साहित्यप्रकाराचा सैध्दांतिक स्तरावर</p> <p>अभ्यास – घटक व प्रकार</p> <ul style="list-style-type: none"> ▪ व्याख्या ▪ कथा संकल्पना ▪ स्वरूप ▪ वैशिष्ट्य ▪ वाटचाल ▪ महत्व ▪ प्रवाह ▪ प्रवृत्ती ▪ घटक ▪ प्रकार ▪ घटनाप्रधान ▪ वातावरणप्रधान ▪ चरित्राप्रधान ▪ भावप्रधान ▪ ऐतिहासिक कथा ▪ पौराणिक कथा ▪ सामाजिक कथा ▪ चरित्रकथा ▪ राजकीय कथा ▪ विनोदी कथा ▪ गूढकथा ▪ ग्रानीणकथा 	ion	<p>वि., 'मराठी कथा: स्वरूप आणि आस्वाद '; स्वाध्या य महावि द्यालय प्रकाशन , पुणे 1976</p>
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				<ul style="list-style-type: none"> ▪ दलित कथा ▪ वैज्ञानिक कथा ▪ मनोविश्लेषणात्मक कथा 			
Novem ber	08/11/2 021	30/11/2 021	14	मराठी कथेची वाटचाल <ul style="list-style-type: none"> • स्त्रीवादी कथा • ग्रामीण कथा • महानगरीय कथा 		Power point presentat ion	१. कुलकर्णी, दा. वि., 'मराठी कथा: स्वरूप आणि आस्वाद'; स्वाध्याय महाविद्यालय प्रकाशन, पुणे 1976
Decembe	01/12/2	23/12/2	12	उपयोजित स्तर	• व्यंकटे		

r	021	021	<p>उपयोजित स्तरावर नेमलेल्या कथा खालीलप्रमाणे</p> <ul style="list-style-type: none"> ● गंगाधर गाडगीळ - किडलेली माणसे ● अरविंद गोखले – कातरवेळ ● कुसुमावती देशपांडे - समांतर रेषा ● व्यंकटेश माडगूळकर महादेव शास्त्री जोशी – मानिनी ● विद्याधर पुंडलीक - आजी शरण येते ● आनंद यादव - मोट ● जी. ए. कुलकर्णी – कैरी ● - मारुतराया ● शंकर पाटील- वळीव ● द. मा. मिरासदार- भुताचा जन्म ● शंकरराव खरात- सांगावा ● बाबुराव बागुल- जेव्हा मी जात चोरली होती ● चारूता सागर- भूक 	<p>श माडगूळ कर महादेव शास्त्री जोशी – मानिनी</p> <ul style="list-style-type: none"> ● विद्या धर पुंडलीक - आजी शरण येते ● आनंद यादव - मोट ● जी. ए. कुलक र्णी – कैरी ● - मारुतरा या
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January	03/01/2022	10/01/2022	4	<p>उपयोजित स्तर</p> <ul style="list-style-type: none"> • नरेश कवडी- चुळचुळ मुंगी पळी-पळी कंटाळा • भाऊ पाध्ये- एक सुन्हेरा ख्वाब • प्रिया तेंडुलकर - नवा गडी • गजानन रायकर – नातालीन • नारायण महाले- आमोरी • नीरजा- ओल हरवलेली माती • सानिया- स्वाध्याय 	<ul style="list-style-type: none"> • बाबुराव बागुल- जेव्हा मी जात चोरली होती • चारुता सागर- भूक • नरेश कवडी- चुळचुळ मुंगी पळी- पळी कंटाळा • भाऊ पाध्ये- एक सुन्हेरा ख्वाब 		

*** Assessment Rubrics**

Component	Max Marks
CA1	20
CA 2	20
CA3	20
Internal Evaluation	10
Semester End Exam	30

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Madgao – Goa.

Name of Faculty: MS. SHRADDHA BHANUDAS GAWANDI **Subject:** MARATHI

Paper code: MAR-V.E-9

Program: TYBA

Division:

Academic year: 2021- 2022

Semester: V

Total Lectures: 60

1. Course Objectives:

संस्कृती आणि साहित्य
यातील परस्पर संबंध
समजावून देणे.

2. इंग्रजांच्या आगमनामुळे
सांस्कृतिक जीवनात झालेल्या
स्थित्यंतरांचा परिचय करून
देणे.

3. सामाजिक, शैक्षणिक व
सांस्कृतिक क्षेत्राच्या
विकासामध्ये योगदान
देणाऱ्या व्यक्ती व संस्था
यांच्या कार्याचा परिचय करून
देणे.

4. साहित्यक्षेत्रातील नवीन

प्रेरणा व प्रवाहांचा परिचय
करून देणे.

1. Expected Course Outcome:
समाजाच्या विकासामध्ये साहित्य आणि
संस्कृती यांच्यातील स्थित्यंतरे कशी
कारणीभूत ठरतात यांचा विद्यार्थाना
परिचय होईल.
2. इंग्रजांच्या आगमनामुळे साहित्य आणि
समाज यांच्यावर झालेले परिणाम
समजून घेता येतील.
3. समाजिक आणि सांस्कृतिक क्षेत्रात आवड
निर्माण होईल.
4. समाजिक आणि सांस्कृतिक क्षेत्रात कार्य
करणाऱ्या संस्थातून रोजगार संधी

1. Student Learning Outcome:
समाजाच्या विकासामध्ये साहित्य आणि
संस्कृती यांच्यातील स्थित्यंतरे कशी
कारणीभूत ठरतात यांचा विद्यार्थाना
परिचय होईल.
2. इंग्रजांच्या आगमनामुळे साहित्य आणि
समाज यांच्यावर झालेले परिणाम

समजून घेता येतील.

3. समाजिक आणि सांस्कृतिक क्षेत्रात आवड निर्माण होईल.
4. समाजिक आणि सांस्कृतिक क्षेत्रात कार्य करणाऱ्या संस्थातून रोजगार संधी

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	06-10-2021	31-10-2021	12	Topic 1 संस्कृती , व्याख्या व स्वरूप- साहित्य आणि संस्कृती यांचा परस्पर संबंध		Power point presentation	1. कऱ्हा डे सदा, 'अर्वाचीन मराठी साहित्याची

				<ul style="list-style-type: none"> • संस्कृती • भाषा • भाषा आणि संस्कृती • साहित्य आणि भाषा • साहित्य आणि संस्कृती • भाषेचे आणि संस्कृतीचे संबंध • भाषा, साहित्य आणि संस्कृती 			सांस्कृतिक पार्श्वभूमी', लोकवाङ्मय गृह, मुंबई, 1981
November	08-11-2021	30-11-2021	16	<p>अव्वल इंग्रजी कालखंडातील - सांस्कृतिक बदलाचा साहित्यावरील परिणाम</p> <ul style="list-style-type: none"> • सांस्कृतिक, सामाजिक - परमहंस सभा, आर्य समाज, 		Power point presentation	<p>1. कऱ्हा डे सदा, 'अर्वाचीन मराठी साहित्याची सांस्कृतिक पार्श्वभूमी', लोकवाङ्मय गृह, मुंबई, 1981</p>

				<p>प्रार्थना समाज, ब्राह्मो समाज, सत्यशोधक समाज</p> <ul style="list-style-type: none"> • शैक्षणिक - एलफिस्टन, मे. कॅडी, बोर्ड ऑफ एज्युकेशन, दक्षिणा प्राईज कमिटी 		
December	01-12-2021	23-12-2021	12	<p>3. 1874-1920 या कालखंडातील साहित्य निर्मितीमागील प्रेरणा व प्रवृत्ती</p> <ul style="list-style-type: none"> • विष्णुशास्त्री चिपळूणकर • गो.ग.आगरकर • लोकमान्य टिळक यांचे सामाजिक • सांस्कृतिक कार्य- सुधारणावादा च्या संदर्भात 	1874-1920 या कालखंडातील साहित्य निर्मितीमागील प्रेरणा व प्रवृत्ती	<p>1. कऱ्हा डे सदा, 'अर्वाचीन मराठी साहित्याची सांस्कृतिक पार्श्वभूमी', लोकवाडमय गृह, मुंबई, 1981</p>
January	03-01-2022	10-01-2022	06	4. 1920 - 1960	माक्सवाद,	Power point

			<p>या कालखंडातील बदलत्या विचार प्रवाहांचा मराठी साहित्यावर पडलेला प्रभाव</p> <ul style="list-style-type: none"> • मार्क्सवाद • समाजवाद • गांधीवाद 	समाजवाद आणि गांधीवाद	presentation	कऱ्हा डे सदा, 'अर्वाचीन मराठी साहित्याची सांस्कृतिक पार्श्वभूमी', लोकवाडमय गृह, मुंबई, 1981

*** Assessment Rubrics**

Component	Max Marks
CA1	20
CA 2	20
CA3	20
Internal Evaluation	10
Semester End Exam	30

Lecture Plan		
Name of the college: Parvatibai Chowgule College of Arts and Science, Madgao – Goa.		
Name of Faculty: Shraddha Gawandi	Subject: कार्यक्रम संयोजन व संचालन कौशल्य	
Paper code: MAR-IV.E-7	Program: SY BA	Division:
Academic year: 2021 - 2022	Semester: IV	Total Lectures: 60
<p>1. Course Objectives: विद्यार्थ्यांमध्ये संयोजन व संचालनाचे कौशल्य विकसित करणे.</p> <p>2. कार्यक्रमाची आखणी व अन्य तयारी याविषयीची कौशल्ये आत्मसात करणे.</p> <p>3. व्यक्तिमत्त्व विकास साधणे.</p> <p>4. विद्यार्थ्यांमध्ये विविधांगी कलागुण विकसित करून त्यांची जीवनविषयक दृष्टी विकसित करणे.</p> <p>5. विविध साहित्यविषयक उपक्रमांचा प्रसार आणि</p>		

नेतृत्व करणे.

1. **Expected Course Outcome:** या क्षेत्रामध्ये रोजगाराची संधी उपलब्ध होईल.
2. स्वयंरोजगाराच्या दृष्टीने या दोन्ही प्रकारांचे महत्त्व पटवून देणे.
3. वैयक्तिक पातळीवरील नेतृत्व गुणांची जोपासना करण्याबरोबरच सामाजिक पातळीवरील साहित्यविषयक उपक्रमशिलता वाढीस लागेल.

1. **Student Learning Outcome:** या क्षेत्रामध्ये रोजगाराची संधी उपलब्ध होईल.
2. स्वयंरोजगाराच्या दृष्टीने या दोन्ही प्रकारांचे महत्त्व पटवून देणे.
3. वैयक्तिक पातळीवरील नेतृत्व गुणांची जोपासना करण्याबरोबरच सामाजिक पातळीवरील साहित्यविषयक उपक्रमशिलता वाढीस लागेल.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/Assignment	ICT Tools	Reference books
March	02-03-2022	31-03-2022	16	<p>1. Topic 1 कार्यक्रमाची पूर्वतयारी , कार्यक्रमाची आखणी व अन्य पूरक तयारी</p> <ul style="list-style-type: none"> • संयोजन संकल्पना • नियोजन • नियोजनातील महत्वाच्या बाबी • कार्यक्रम संयोजनाचे फायदे • कार्यक्रमाची तयारी • कार्यक्रमसाठी लागणारे साहित्य • प्रभावी कार्यक्रमासाठी टप्पे • प्रत्यक्ष व्यवस्थापन • कार्यक्रमाचे प्रकार • कार्यक्रम नियंत्रकाची भूमिका • संयोजकाचे गुण • प्रभावी कार्यक्रमासाठी उपाययोजना 		Power point presentation	1. बागडे आचार्य, 'कार्यक्रमाचे प्रभावी संयोजन आणि सूत्रसंचालन'; परफेक्ट

				<ul style="list-style-type: none"> कार्यक्रमाची सुरुवात 			इंव्हेंट मॅनेजमें ट, साकेत प्रकाश न, पुणे, 2016
				कार्यक्रमाचा शेवट			
April	01/04/22	30/04/22	14	<p>2. सूत्रसंचालनाचे स्वरूप, वैशिष्ट्ये व प्रकार</p> <ul style="list-style-type: none"> सूत्रसंचालन संकल्पना स्वरूप वैशिष्ट्ये प्रकार काही महत्वाचे सूत्रसंचालक सूत्रसंचालनातील अडचणी व उपाय कार्यक्रमाची क्रमा बांधणी यशस्वी सूत्रसंचालन सूत्रसंचालनाची पूर्वतयारी 			<p>1. बागडे आचा र्य, 'कार्य क्रमाचे प्रभावी संयोज न आणि सूत्रसं</p>

				<ul style="list-style-type: none"> • प्रत्यक्ष सुरुवात • सूत्रसंचालनातील शिष्टाचार <p>सूत्रसंचालनाचा शेवट</p>			<p>चालन , परफे क्ट इंव्हेंट मॅनेजमें ट, साकेत प्रकाश न, पुणे, 2016</p>
May	02/05/22	31/05/22	16	<ol style="list-style-type: none"> 3. सूत्रसंचालनाचे तंत्र व सूत्रसंचालकाची भूमिका 4. सूत्रसंचालनाचे तंत्र 5. माईक हाताळणे 6. सूत्रसंचालन करताना टाळण्याच्या बाबी 7. कार्यक्रम संपल्यानंतर 			<ol style="list-style-type: none"> 1. बागडे आचार्य, 'कार्यक्रमाचे प्रभावी

				8. महत्वपूर्ण टिप्स 9. सूत्रसंचालकाचा आवाज 10. सूत्रसंचालकाची भूमिका 11. सूत्रसंचालनाचा अभ्यास 12. श्रोत्यांची मानसिकता 13. टाळ्यांचे महत्व 14. वेळेत नियोजनाचे तंत्र 15. सुरुवात करण्याआधी 16. कसं बोलू नये अभिनय आणि भाषिक तंत्र			संयोज न आणि सूत्रसं चालन ; परफे क्ट इव्हेंट मॅनेजमें ट, साकेत प्रकाश न, पुणे, 2016
June	01/06/22	30/06/22	16	संहिता लेखन व वाचन, कार्यक्रमाची प्रसिद्धी			1. बागडे आचा

			<ul style="list-style-type: none"> • सूत्रसंचालन लेखन • विविध कार्यक्रम योजना • कार्यक्रमाची प्रसिद्धी • वाचन • कवितांचे उपयोजन • लेखन तंत्र • रुपरेषा तयार करणे • सूत्रसंचालनाची वेशभुषा • शायरी, सुविचर यांचा वापर • सामग्री आणि व्यवस्था • प्रसिध्दीचे मार्ग • प्रसिध्दीची गरज • संहितेचे तंत्र <p>संहितेचे तंत्र</p>			<p>र्य, 'कार्य क्रमाचे प्रभावी संयोज न आणि सूत्रसं चालन '; परफे क्ट इंव्हेंट मॅनेजमें ट, साकेत प्रकाश न,</p>
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								पुणे, 2016

*** Assessment Rubrics**

Component	Max Marks
CA1	20
CA 2	20
CA3	20
Internal Evaluation	10
Semester End Exam	30

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science, Madgao – Goa.

Name of Faculty: MS. SHRADDHA BHANUDAS
GAWANDI

Subject: MARATHI

Paper code: MAR-V.E-11

Program: TYBA

Division:

Academic year: 2021 - 2022

Semester: V

Total Lectures: 60

Course Objectives: .

1. पत्रकारिता म्हणजे काय?
तिची उपयुक्तता समजावून
देणे.

2. पत्रकारितेतील
लेखनकौशल्ये समजावून देणे.

3. पत्रकारितेचे स्वरूप
व्याख्या व प्रकार
समजावून देणे.

4. पत्रकारितेसाठी
आवश्यक
गुणकौशल्यांचे ज्ञान
करून देणे.

1. **Expected Course Outcome:**
पत्रकारितेतील लेखनकौशल्यांचा परिचय होईल.
2. विविध प्रसारमाध्यमांतून लेखन करता येईल.
3. स्वतःचे साप्ताहिक / मासिक काढणे शक्य होईल.
4. विविध प्रसारमाध्यमात पत्रकार व संपादक म्हणून रोजगार संधी.

1. **Student Learning Outcome:**
पत्रकारितेतील लेखनकौशल्यांचा परिचय होईल.
2. विविध प्रसारमाध्यमांतून लेखन करता येईल.
3. स्वतःचे साप्ताहिक / मासिक काढणे शक्य होईल.
4. विविध प्रसारमाध्यमात पत्रकार व संपादक म्हणून रोजगार संधी.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
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October	06/10/2021	31/10/2021	15	<p>Topic 1 पत्रकारिता : स्वरूप, संकल्पना व वाटचाल</p> <ul style="list-style-type: none"> • स्वरूप • संकल्पना • वाटचाल • कार्य • तंत्र • वैशिष्ट्य • पत्रकारितेचे विषय • महत्व • वाटचाल 	Power point presentation	1. पाध्ये प्रभाकर, 'पत्रकारितेची मूलतत्त्वे', (अनुवाद: परांजपे प्र.ना, परांजपे वसुधा), मेहता पब्लिशिंग हाऊस, पुणे, 2007
November	08/11/2021	30/11/2021	12	<p>बातमी: व्याख्या स्वरूप, बातमी आणि बातमीपत्र लेखन</p> <ul style="list-style-type: none"> • बातमी आणि स्वरूप • संकल्पना • व्याख्या • तंत्र 	Power point presentation	1. पाध्ये प्रभाकर, 'पत्रकारितेची मूलतत्त्वे',

				<ul style="list-style-type: none"> • कार्य • उलटा त्रिकोण • महत्व • वैशिष्ट्य • वार्तापत्र • वार्तापत्र • विषय • बातमीचे आजच्या युगात महत्व 		<p>(अनुवाद : परांजपे प्र.ना, परांजपे वसुधा), मेहता पब्लिशिंग हाऊस, पुणे, 2007</p>
December	01/12/2021	23/12/2021	14	<p>वृत्तपत्रीय लेखन: (वाचकांचा पत्रव्यवहार, लेख, स्तंभलेखन, सदरलेखन, अग्रलेख)</p> <ul style="list-style-type: none"> • 1. वाचकांचा पत्रव्यवहार • महत्व • उद्देश/हेतू • कार्य • तंत्र • स्वरूप • 2. लेख • महत्व 	Power point presentation	<p>1. माळी सुनील, 'बातमीदारी', राजहंस प्रकाशन, पुणे, 2008</p>

				<ul style="list-style-type: none"> • उद्देश/हेतू • कार्य • तंत्र • स्वरूप • 3.स्तंभलेखन • महत्व • उद्देश/हेतू • कार्य • तंत्र • स्वरूप • 4. सदरलेखन • महत्व • उद्देश/हेतू • कार्य • तंत्र • स्वरूप • 5. अग्रलेख • महत्व • उद्देश/हेतू • कार्य • तंत्र • स्वरूप 			
January	03/01/2022	10/01/2022	04	इलेक्ट्रॉनिक पत्रकारिता (सामाजिक प्रसारमाध्यमे)		Power point presentatio	1. माळी सुनील,

				<ul style="list-style-type: none"> • दूरदर्शन • आकाशवाणी • रेडियो • ई-पेपर • मोबाईल • संकल्पना • महत्व • कार्य • स्वरूप • तंत्र • हेतू • विषय 	n	'बातमी दारी, राजहंस प्रकाशन , पुणे, 2008

*** Assessment Rubrics**

Component	Max Marks
CA1	20
CA 2	20
CA3	20
Internal Evaluation	10
Semester End Exam	30

Lecture Plan 02/03/2022 -15/06/2022

Name of the college: Parvatibai Chowgule College of Arts and Science, Madgao – Goa.

Name of Faculty: MS. SHRADDHA BHANUDAS
GAWANDI

Subject: MARATHI

Paper code: MAR-II.C-4

Program: FYBA

Division:

Academic year: 2021 - 2022

Semester: II

Total Lectures: 60

Course Objectives:

साहित्याच्या मूलभूत
प्रकारांपैकी नाटक हा एक
प्रकार आहेनाट्यसंहिता .
म्हणजे काय? काही
उपलब्ध नाट्यसंहितांच्या
आधारे अभ्यासया .
साहित्यप्रकाराची
घटकांतर्गत गुण वैशिष्ट्ये
मराठी .समजावून घेणे
नाटकांची परंपरा थोडक्यात
सैध्दांतिक .समजावून घेणे

तसेच उपयोजित स्तरावर
.त्याचा अभ्यास करणे
मराठी नाटकाला समृद्ध
बनवणाऱ्या नाटकांच्या
अध्ययनातून या
साहित्यप्रकारातील
बदलत्या प्रवाहांचा परिचय
करून देणे.

Expected Course Outcome: सैध्दांतिक व
उपयोजित स्तरावर नाटक या
साहित्यप्रकाराचे अध्ययन केल्यामुळे
नाट्याभ्यासाची एक दृष्टी विद्यार्थ्यांकडे
येईल. विद्यार्थ्यांच्या मनामध्ये या
होऊन या प्रकाराविषयी आवड निर्माण
साहित्यप्रकाराचे मूल्यमापन करण्याची
क्षमता विद्यार्थ्यांमध्ये निर्माण होईल .
तसेच मराठीतील महत्त्वाच्या
नाटक .नाटककारांचा परिचय होईल

.लिहिण्याची आवड निर्माण होईल

Student Learning Outcome: सैध्दांतिक व उपयोजित स्तरावर नाटक या साहित्यप्रकाराचे अध्ययन केल्यामुळे नाट्याभ्यासाची एक दृष्टी विद्यार्थ्यांकडे येईल. विद्यार्थ्यांच्या मनामध्ये या प्रकाराविषयी आवड निर्माण होऊन या साहित्यप्रकाराचे मूल्यमापन करण्याची क्षमता विद्यार्थ्यांमध्ये निर्माण होईल. तसेच मराठीतील महत्त्वाच्या नाटक .नाटककारांचा परिचय होईल .लिहिण्याची आवड निर्माण होईल

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	02/03/2022	31/03/2022	14	Topic 1 सैध्दांतिक स्तर		Power point presentation	1. काळे, के.
		2		१. सैध्दांतिक स्तर:			

			<p>नाटक या साहित्यप्रकाराचा सैध्दांतिक स्तरावर अभ्यास - घटक व प्रकार</p>			<p>नारायण व इतर., मराठी रंगभूमी: नाटक, घटना आणि परंपरा, मराठी साहित्य संघ. मुंबई 1971</p>
			<ul style="list-style-type: none"> ● नाटक संकल्पना ● नाटक आणि आपण ● नाट्यकला अवगत होण्यासाठी पूरक बाबी ● नाटकाचे स्वरूप ● नाटकाचे घटक - ● कथानक ● संहिता ● नेपथ्य ● प्रकाशयोजना ● भूमिका ● संगीत संयोजन 			

				<ul style="list-style-type: none"> ● रंगमंच ● प्रेक्षक ● दिग्दर्शक ● तंत्रज्ञ ● रंगसज्जा ● नाटकाचे प्रकार – ● पौराणिक नाटक ● संगीत नाटक ● ऐतिहासिक नाटक ● सामाजिक नाटक ● व्यावसायिक <p>रंगभूमी प्रायोगिक रंगभूमी</p>		
April	01/04/22	30/04/22	16	<ul style="list-style-type: none"> ● मराठी नाटकाची वाटचाल - स्थूल स्वरूप ● नाटकाची भारतीय परंपरा व विकास 	Power point presentation	१. काळे, के. नारायण व इतर., मराठी रंगभूमी:

			<ul style="list-style-type: none">● मराठी रंगभूमीचा उदय● मराठी नाटकाची वाटचाल (प्रारंभ)● मराठी नाटकाची वाटचाल (1950-2000)● विविध मराठी नाटककार● 1950-1980 या काळातील नाटक● आधुनिक नाटक● संगीत नाटक● रूपांतरीत नाटक● लोकनाट्य परंपरेच्या प्रभावातील नाटक● मनोविश्लेषणात्मक नाटक			नाटक, घटना आणि परंपरा, मराठी साहित्य संघ. मुंबई 1971 २.
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				<ul style="list-style-type: none"> ● वस्तववादी नाटक ● प्रायोगीक नाटक ● बालनाट्य ● कथा कादंबरी वरून लिहिलेली नाटके 			
May	2/5/22	31/05/22	16	<ul style="list-style-type: none"> ● उपयोजित स्तर- पाठ्यपुस्तक – विजय तेंडूलकर – कमला(संहितेच्या अंगाने) ● विजय तेंडूलकर परिचय ● तेंडूलकर यांचे वैशिष्ट्य ● तेंडूलकर यांची नाटके ● कमला नाटक ● संहिता 			<p>1. काळे, के. नारायण व इतर., मराठी रंगभूमी: नाटक, घटना आणि परंपरा, मराठी साहित्य संघ. मुंबई</p>

				<ul style="list-style-type: none"> ● महत्त्व ● पात्रचित्रण ● कथानक / संविधानक ● मांडणी ● कथावस्तू ● तंत्र ● संवाद <p>नाटकाची भाषा</p>			1971
June	01/06/22	30/06/22	18	<ul style="list-style-type: none"> ● उपयोजित स्तर- पाठ्यपुस्तक – विजय तेंडुलकर – कमला(प्रयोगाच्या अंगाने) ● कमला नाटकाचा प्रयोगाच्या अंगाने विचार ● प्रायोगिक महत्त्व 			1. काळे, के. नारायण व इतर., मराठी रंगभूमी: नाटक, घटना आणि परंपरा,

				<ul style="list-style-type: none"> ● तंत्र ● संगीत ● प्रकाशयोजना ● रंगमंच व्यवस्था ● रंगसज्जा ● अभिनय आणि पात्र / भूमिका ● वैशिष्ट्य ● दिग्दर्शक 			मराठी साहित्य संघ. मुंबई 1971

*** Assessment Rubrics**

Component	Max Marks
CA1	20
CA 2	20
CA3	20

Internal Evaluation	10
Semester End Exam	30

Lecture Plan 02/03/2022 -15/06/2022

Name of the college: Parvatibai Chowgule College of Arts and Science, Madgao – Goa.

Name of Faculty: MS. SHRADDHA BHANUDAS
GAWANDI

Subject: MARATHI रसविचार आणि समीक्षाविचार

Paper code: MAR-IV.C-6

Program: SYBA

Division:

Academic year: 2021 - 2022

Semester: IV

Total Lectures: 60

Course Objectives:

1. प्राचीन भारतीय
साहित्यशास्त्राती
ल रससंकल्पना
समजावून घेणे.
2. साहित्याभ्यासात
असलेले
रससौंदर्याचे
महत्त्व ध्यानात
घेणे.
3. साहित्यातील
समीक्षेचे महत्त्व

ध्यानात आणून
देणे.

4. विविध समीक्षा
पद्धतींद्वारे एखाद्या
पुस्तकाचे
समीक्षण करणे.

1. Expected Course Outcome:

- रसविचार समजावून घेतल्याने
समीक्षेसाठी आवश्यक ती
दृष्टी येईल.
2. साहित्याच्या सौंदर्यातील
रसविचाराचे महत्त्व ध्यानात
येईल.
3. वेगवेगळ्या समीक्षा पद्धतीचा
अभ्यास होईल.
4. निवडलेल्या
वाडमयप्रकारातील एखाद्या
ग्रंथाचे परीक्षण करणे शक्य

होईल.

Student Learning Outcome:

1. रसविचार समजावून घेतल्याने समीक्षेसाठी आवश्यक ती दृष्टी येईल.
2. साहित्याच्या सौंदर्यातील रसविचाराचे महत्त्व ध्यानात येईल.
3. वेगवेगळ्या समीक्षा पद्धतीचा अभ्यास होईल.
4. निवडलेल्या वाडमयप्रकारातील एखाद्या ग्रंथाचे परीक्षण करणे शक्य होईल.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	02/03/2022	31/03/2022	16	<p>Topic 1 रस' - स्वरूप व सिद्धांतन</p> <ul style="list-style-type: none"> रससिद्धांत रसविचार भरतमूनीचे रससूत्र रसा घटकांचा तक्ता नाट्यभाव स्थायी भाव अष्टसात्विक भाव <p>लौकिक भाव व नाट्य भाव यातील फरक</p>		Power point presentation	1. गाडगीळ स. रा., 'काव्यशास्त्रप्रदीप', व्हीनस प्रकाशन, पुणे, 2010
April	01/04/22	30/04/22	16	<p>रसनिष्पत्तिविषयक विविध उपपत्ती व आधुनिकांचे रसविवेचन</p> <ul style="list-style-type: none"> उपपत्ती रसप्रतीती 		Power point presentation	2. गाडगीळ स. रा., 'काव्यशास्त्रप्रदीप', व्हीनस प्रकाशन, पुणे, 2010

				<ul style="list-style-type: none"> • रसप्रत्ययाचे स्वरूप • रससंख्या • भट्ट लोलट • शंकुक • भट्ट नायक • अभिनव गुप्त • भट्ट लोलटाची रसप्रक्रीया • श्री शंकुक • रसविघ्ने • रस कसोट्या • आधुनिकांचे रसविवेचन 		
May	2/5/22	31/05/22	18	<p>समीक्षा – संकल्पना, प्रयोजन, स्वरूप</p> <ul style="list-style-type: none"> • समीक्षेची संकल्पना • समीक्षेचे स्वरूप • समीक्षेचे प्रयोजन • समीक्षापध्दतीची अनिश्चितता • विविध पध्दतींचा थोडक्यात आढवा 		<p>3. यशवंत मनोहर, 'नवे साहित्यशास्त्र', विजय प्रकाशन, नागपूर, 2001</p>

				समीक्षेचे प्रकार		
				<p>१. विविध समीक्षा पध्दती- (समाजशास्त्रीय समीक्षा, मानसशास्त्रीय समीक्षा, स्त्रीवादी समीक्षा, चरित्रात्मक समीक्षा, आस्वादक समीक्षा.)</p> <ul style="list-style-type: none"> ● समाजशास्त्रीय समीक्षा पध्दती संकल्पना ● समाज आणि व्यक्तिके संबंध ● वैशिष्ट्य ● मानसशास्त्रीय समीक्षा – संकल्पना ● महत्व ● साहित्यावर झालेले परिणाम ● स्त्रीवादी समीक्षा संकल्पना ● पाश्चात्य स्त्रीमुक्तीची चळवळ ● भरतातील स्त्रीमुक्तीची चळवळ ● चरित्रात्मक समीक्षा संकल्पना 		<p>4. यशवंत मनोहर, 'नवे साहित्यशास्त्र'; विजय प्रकाशन, नागपूर, 2001</p>
June	01/06/22	30/06/22	16			

				<ul style="list-style-type: none"> • महत्व • आस्वादक समीक्षा संकल्पना • आस्वादक समीक्षेची मान्यता, अमान्यता 			

*** Assessment Rubrics**

Component	Max Marks
CA1	20
CA 2	20
CA3	20
Internal Evaluation	10
Semester End Exam	30

Lecture Plan 02/03/2022 -15/06/2022

Name of the college: Parvatibai Chowgule College of Arts and Science, Madgao – Goa.

Name of Faculty: MS. SHRADDHA BHANUDAS
GAWANDI

Subject: MARATHI

Paper code: MAR-VI.E-15

Program: TYBA

Division:

Academic year: 2021 - 2022

Semester: VI

Total Lectures: 60

Course Objectives: .

1. भाषांतराचे स्वरूप
व उद्दिष्टे समजावून
देणे.
2. भाषांतराचे महत्व
विशद करणे.
3. भाषांतराचे विविध
प्रकार समजावून
देणे.
4. भाषांतरासाठीच्या

आवश्यक

कौशल्यांचे ज्ञान

करून देणे.

5. तौलनिक

साहित्याभ्यासात

भाषांतर विद्येचे

महत्त्व समजावून

देणे.

Expected Course Outcome: भाषांतराची

आजच्या काळातील उपयुक्तता

विद्यार्थ्यांच्या ध्यानात येईल.

2. भाषांतरप्रक्रिया समजावून घेता
येईल.

3. विविध साहित्यप्रकारांची भाषांतरे
नियतकालिकांसाठी करता येईल.

4. ग्रंथांची भाषांतरे करण्यामुळे आर्थिक
लाभ होईल.

5. भाषांतरकार म्हणून रोजगारसंधी
निर्माण होईल.

Student Learning Outcome: भाषांतराची

आजच्या काळातील उपयुक्तता

विद्यार्थ्यांच्या ध्यानात येईल.

2. भाषांतरप्रक्रिया समजावून घेता
येईल.

3. विविध साहित्यप्रकारांची भाषांतरे
नियतकालिकांसाठी करता येईल.

4. ग्रंथांची भाषांतरे करण्यामुळे आर्थिक
लाभ होईल.

5. भाषांतरकार म्हणून रोजगारसंधी
निर्माण होईल.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
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March	02/03/2022	31/03/2022 2	18	<p>Topic 1 भाषांतर स्वरूप आणि उद्दिष्टे</p> <ul style="list-style-type: none"> • भाषांतर • संकल्पना • स्वरूप • भाषांतर कसे करावे? • भाषांतराचे टप्पे • भाषांतराची वाटचाल • उद्दिष्टे • भाषांतराचे मुल्यमापन • भाषांतर शास्त्र की कला • भाषांतर संकल्पनेचा विकास 	Power point presentation	<p>1. कल्याण काळे /अंजली सोमण (संपा), 'भाषांतरमीमांसा', प्रतिमा प्रकाशन, पुणे, 1997</p>
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				<ul style="list-style-type: none"> • रोमन कालखंड • बायबलची भाषांतरे • सतरावे आणि अठरावे शतक • भाषांतर सिध्दांत • आधुनिक काळ 		
April	01/04/22	30/04/22	15	<ul style="list-style-type: none"> • 2. भाषांतराचे प्रकार आणि वर्गीकरण प्रकार • अनुवाद • भावानुवाद • रूपांतर • भाषांतर 	Power point presentation	2. कल्याण काळे /अंजली सोमण (संपा), 'भाषांतरमीमांसा', प्रतिमा प्रकाशन, पुणे, 1997

				<ul style="list-style-type: none"> • वर्गीकरण • भाषा आणि साहित्य यातील संबंध • भाषांतराची गरज • मर्यादा • भाषांतरा संबंधी प्रश्न 			
May	2/5/22	31/05/22	17	<ul style="list-style-type: none"> • 3. भाषान्तरप्रक्रिया , भाषांतरातील समस्या, भाषांतरकाराचे गुण भाषांतर प्रक्रिया • समस्या • भाषांतरकाराचे गुण 			3. कल्याण काळे /अंजली सोमण (संपा), 'भाषांतरमीमांसा', प्रतिमा प्रकाशन, पुणे, 1997

				<ul style="list-style-type: none"> • महत्वाचे मुद्दे • ललीत साहित्याचे भाषांतर • कवितेचे भाषांतर • नाटकाचे भाषांतर <p>स्वरूप आणि समस्या</p>		
June	01/06/22	30/06/22	18	<p>4. स्वाध्याय - (मुळ साहित्यकृती व तिचे मराठीमधील</p> <ul style="list-style-type: none"> • विविध भाषांतरे • स्वाध्याय • भाषांतराचा सराव • साहित्यकृतीच भाषांतर • उताऱ्याचे भाषांतर 		<p>4. कल्याण काळे /अंजली सोमण (संपा), 'भाषांतरमीमांसा', प्रतिमा प्रकाशन, पुणे, 1997</p>

				कथेचे भाषांतर			

*** Assessment Rubrics**

Component	Max Marks
CA1	20
CA 2	20
CA3	20
Internal Evaluation	10
Semester End Exam	30

PHILOSOPHY



Chowgule College
(Autonomous)

Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Philosophy of Religion (Core)

Class: F.Y.B.A.

Semester: II

Paper code: PHI-II.C-3

Year: 2021-2022

Lec No.	Credits	Sub-topic	Lectures Planned		Credits	Sub-topic
			Date	Time		
1	UNIT I: INTRODUCTI ON	Introduction to the course, structure, class policy, etc.	02-03-2022	3:30 PM	UNIT I: ABOUT ETHICS	Introduction to the course, structure, class policy, etc.
2		Nature of Philosophy of Religion its scope and methods	03-03-2022	9:30 AM		Nature of Philosophy of Religion its scope and methods
3		Nature of Philosophy of Religion its scope and methods	03-03-2022	11:45 AM		Nature of Philosophy of Religion its scope and methods
4		Nature of Philosophy of Religion its scope and methods	04-03-2022	1:15 PM		Nature of Philosophy of Religion its scope and methods
5		Relation of Philosophy of Religion to Philosophy and Theology	07-03-2022	11:45 AM		Relation of Philosophy of Religion to Philosophy and Theology
6		Relation of Philosophy of Religion to Philosophy and Theology	08-03-2022	11:45 AM		Relation of Philosophy of Religion to Philosophy and Theology
7		Relation of Philosophy of Religion to Philosophy and Theology	11-03-2022	9:30 AM		Relation of Philosophy of Religion to Philosophy and Theology
8		Relation of Philosophy of Religion to Philosophy and Theology	12-03-2022	9:30 AM		Relation of Philosophy of Religion to Philosophy and Theology
9		Relation of Religion to Morality and Science	14-03-2022	11:45 AM		Relation of Religion to Morality and Science

10		Relation of Religion to Morality and Science	15-03-2022	11:45 AM		Relation of Religion to Morality and Science
11		Relation of Religion to Morality and Science	18-03-2022	9:30 AM		Relation of Religion to Morality and Science
12		Discussion and Debate on basic understanding of	19-03-2022	9:30 AM		Discussion and Debate on basic understanding of philosophy of
13		Discussion and Debate on basic understanding of	21-03-2022	11:45 AM		Discussion and Debate on basic understanding of philosophy of
14		Doubts and clarifications	22-03-2022	11:45 AM		Doubts and clarifications
15	MCQ	Continuous Assessment 1 - discussion	25-03-2022	9:30 AM	MCQ	Continuous Assessment 1 - discussion
16		Revelation, Faith, Mystical and Spiritual experiences	26-03-2022	9:30 AM		Sources of religious knowledge- Revelation, Faith, Mystical and Spiritual experiences
17		Revelation, Faith, Mystical and Spiritual experiences	28-03-2022	11:45 AM		Sources of religious knowledge- Revelation, Faith, Mystical and Spiritual experiences
18		Revelation, Faith, Mystical and Spiritual experiences	29-03-2022	11:45 AM		Sources of religious knowledge- Revelation, Faith, Mystical and Spiritual experiences
19		Revelation, Faith, Mystical and Spiritual experiences	01-04-2022	9:30 AM		Sources of religious knowledge- Revelation, Faith, Mystical and Spiritual experiences
20		Religious concepts - theism and its types	02-04-2022	9:30 AM		Religious concepts - theism and its types
21		Religious concepts - theism and its types	04-04-2022	11:45 AM		Religious concepts - theism and its types
22	UNIT II:	Religious concepts - theism and its types	05-04-2022	11:45 AM		Religious concepts - theism and its types

23	RELIGIOUS EPISTEMOLOGY	Atheism	08-04-2022	9:30 AM	UNIT II: FREEDOM AND MORAL RESPONSIBILITY	Atheism
24		Atheism	09-04-2022	9:30 AM		Atheism
25		Atheism	11-04-2022	11:45 AM		Atheism
26		Agnosticism	12-04-2022	11:45 AM		Agnosticism
27		Agnosticism	15-04-2022	9:30 AM		Agnosticism
28		Agnosticism	16-04-2022	9:30 AM		Agnosticism
29		debate and discussion on religious epistemology	18-04-2022	11:45 AM		debate and discussion on religious epistemology
30		Doubts and clarifications	19-04-2022	11:45 AM		Doubts and clarifications
31		Grounds for belief in God Ontological, Cosmological, Teleological, Moral arguments	22-04-2022	9:30 AM		Grounds for belief in God – Ontological, Cosmological, Teleological, Moral arguments
32		Grounds for belief in God Ontological, Cosmological, Teleological, Moral arguments	23-04-2022	9:30 AM		Grounds for belief in God – Ontological, Cosmological, Teleological, Moral arguments
33	Grounds for belief in God Ontological, Cosmological, Teleological, Moral arguments	25-04-2022	11:45 AM	Grounds for belief in God – Ontological, Cosmological, Teleological, Moral arguments		
34	Grounds for belief in God Ontological, Cosmological, Teleological, Moral arguments	26-04-2022	11:45 AM	Grounds for belief in God – Ontological, Cosmological, Teleological, Moral arguments		
35	Grounds for disbelief in God - Marx's view	29-04-2022	9:30 AM	Grounds for disbelief in God - Marx's view		

36	UNIT III: PROBLEMS OF GOD	Grounds for disbelief in God - Marx's view	30-04-2022	9:30 AM	UNIT III: ETHICAL THEORIES	Grounds for disbelief in God - Marx's view	
37		Freud's view	02-05-2022	11:45 AM		Freud's view	
38		Freud's view	03-05-2022	11:45 AM		Freud's view	
39		Challenges from science	06-05-2022	9:30 AM		Challenges from science	
40		Challenges from science	07-05-2022	9:30 AM		Challenges from science	
41		Challenges from evil	09-05-2022	11:45 AM		Challenges from evil	
42		Challenges from evil	10-05-2022	11:45 AM		Challenges from evil	
43		Debate and discussion on problems of God	13-05-2022	9:30 AM		Classroom Style Presentation	Continuous Assessment 2
44		Doubts and clarifications	14-05-2022	9:30 AM			Continuous Assessment 2 - discussion
45		Classroom Style Presentation	Continuous Assessment 2	16-05-2022		11:45 AM	UNIT IV: CRIME AND PUNISHMENT
46	Continuous Assessment 2 - discussion		17-05-2022	11:45 AM	The goal of human history		
47		The goal of human history	20-05-2022	9:30 AM		The idea of immortality	
48		The goal of human history	21-05-2022	9:30 AM		The idea of immortality	

49	THE PROGRESS AND DESTINY OF HUMANS	The goal of human history	23-05-2022	11:45 AM			Law of Karma
50		The idea of immortality	24-05-2022	11:45 AM			Law of Karma
51		The idea of immortality	27-05-2022	9:30 AM			Law of Karma
52		The idea of immortality	28-05-2022	9:30 AM			
53		Law of Karma	30-05-2022	11:45 AM			Law of Karma
54		Law of Karma	31-05-2022	11:45 AM			
55		Law of Karma	03-06-2022	9:30 AM			
56		Debate and discussion on immortality and karma	04-06-2022	9:30 AM			
57	Viva Voce	Continuous Assessment 3 - Optional	06-06-2022	11:45 AM			
58		questions, doubts, debates on discussed material	07-06-2022	11:45 AM			
59		Revision	10-06-2022	9:30 AM			
60		Revision	11-06-2022	9:30 AM			



Lectures Executed		References Used	Remarks
Date	Time		
#####	3:30 PM	Syllabus Reading Material	
#####	9:30 AM		
#####	11:45 AM		
#####	1:15 PM		
#####	11:45 AM		
#####	9:30 AM		
#####	9:30 AM		
#####	11:45 AM		
#####	11:45 AM		

#####	9:30 AM	
#####	3:30 PM	
#####	11:45 AM	
#####	11:45 AM	
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#####	11:45 AM	
#####	9:30 AM	
#####	11:45 AM	
#####	11:45 AM	
#####	9:30 AM	
#####	9:30 AM	

Syllabus Reading
Material

#####	3:30 PM		Extra Class
#####	11:45 AM		
#####	9:30 AM		
#####	11:45 AM		
#####	11:45 AM	Syllabus Reading Material	
#####	9:30 AM		
#####	9:30 AM		
#####	3:30 PM		Extra Class
#####	11:45 AM		
#####	11:45 AM		
#####	9:30 AM		
#####	9:30 AM		
#####	11:45 AM		

#####	9:30 AM		
#####	9:30 AM		
#####	3:30 PM		
#####	11:45 AM		
#####	9:30 AM	Syllabus Reading Material	
#####	9:30 AM		
#####	11:45 AM		
#####	11:45 AM		
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#####	11:45 AM			
#####	11:45 AM			



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Course Schedule

DEPARTMENT OF PHILOSOPHY

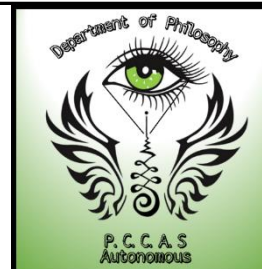
Title of the paper: Philosophy of Existentialism in Literature & Films (GEC)

Paper code: PHI.INT-03

Class: F.Y. - B.A./B.Sc. & S.Y.B.A.

Semester: II/IV

Year: 2021-2022



Lec No.	Credits	Sub-topic	Lectures Planned	Lectures Executed	References Used	Remarks
			Date & Time	Date & Time		
1	UNIT I: Introduction to Existentialism	Introduction to existentialism	8/03/2022 (1:15 pm - 2:15 pm)	8/03/2022 (1:15 pm - 2:15 pm)	Gale, C. P. (2008). Existentialism for Dummies. Indianapolis, Indiana - Canada: Wiley	
2		Existentialism as a revolt against Dogma	9/03/2022 (1:15 pm - 2:15 pm)	9/03/2022 (1:15 pm - 2:15 pm)		
3		Meaning and characteristics of Existentialism (part 1)	10/03/2022 (1:15 pm - 2:15 pm)	10/03/2022 (1:15 pm - 2:15 pm)		
4		Movie Screening: Silence, challenging faith (part 1)	14/03/2022 (1:15 pm - 2:15 pm)	14/03/2022 (1:15 pm - 2:15 pm)		
5		Movie Screening: Silence, challenging faith (part 2)	15/03/2022 (1:15 pm - 2:15 pm)	15/03/2022 (1:15 pm - 2:15 pm)		
6		Classwork: Silence, challenging faith	16/03/2022 (1:15 pm - 2:15 pm)	16/03/2022 (1:15 pm - 2:15 pm)		
7		Relavance and key figures: Soren Kierkegaard & Neitzcha	17/03/2022 (1:15 pm - 2:15 pm)	21/03/2022 (1:15 pm - 2:15 pm)		
8		Relavance and key figures: Martin Heidegger & Jean-Paul-sartre	21/03/2022 (1:15 pm - 2:15 pm)	22/03/2022 (1:15 pm - 2:15 pm)		
9		Relavance and key figures: Simone de beauviour & Albert Campus	22/03/2022 (1:15 pm - 2:15 pm)	23/03/2022 (1:15 pm - 2:15 pm)		

10	Movie screening: Anamolisa (part 1)	23/03/2022 (1:15 pm - 2:15 pm)	24/03/2022 (1:15 pm - 2:15 pm)	Publishing, Inc.	
11	Movie screening: Anamolisa (part 2)	24/03/2022 (1:15 pm - 2:15 pm)	28/03/2022 (1:15 pm - 2:15 pm)		
12	Classwork on Anamolisa	28/03/2022 (1:15 pm - 2:15 pm)			
13	Movie screening: Incredibly Loud & Extremely Close (part 1)	29/03/2022 (1:15 pm - 2:15 pm)	29/03/2022 (1:15 pm - 2:15 pm)		
14	Movie screening: Incredibly Loud & Extremely Close (part 2)	30/03/2022 (1:15 pm - 2:15 pm)	30/03/2022 (1:15 pm - 2:15 pm)		
15	Classwork on Incredibly Loud and extremely close	31/03/2022 (1:15 pm - 2:15 pm)			
16	The importance of existence over essence (part 1)	4/04/2022 (1:15 pm - 2:15 pm)	31/03/2022 (1:15 pm - 2:15 pm)		
17	The importance of existence over essence (part 2)	5/04/2022 (1:15 pm - 2:15 pm)			
18	Notion of Truth (part 1)	6/04/2022 (1:15 pm - 2:15 pm)	4/04/2022 (1:15 pm - 2:15 pm)		
19	Notion of Truth (part 2)	7/04/2022 (1:15 pm - 2:15 pm)			
20	Classwork on how different existentialist understand the idea of God	11/04/2022 (1:15 pm - 2:15 pm)	5/04/2022 (1:15 pm - 2:15 pm)		
21	Debate on the tradition proof proving existence of God (For & Against)	12/04/2022 (1:15 pm - 2:15 pm)	6/04/2022 (1:15 pm - 2:15 pm)		1. Gale, C. P. (2008). Existentialism for Dummies. Indianapolis, Indiana - Canada: Wiley
22	The concept of God in Existentialism (part 1)	13/04/2022 (1:15 pm - 2:15 pm)	7/04/2022 (1:15 pm - 2:15 pm)		

UNIT II:

23	Existentialism and Ontology	The concept of God in Existentialism (part 2)	18/04/2022 (1:15 pm - 2:15 pm)	11/04/2022 (1:15 pm - 2:15 pm)	Publishing, Inc. 2. Heidegger, Martin. (1962) Being and Time, trans. John Macquarrie, London: SCM.	
24		Movie Screening: Free Guy (part 1)	19/04/2022 (1:15 pm - 2:15 pm)			
25		Movie Screening: Free Guy (part 2)	20/04/2022 (1:15 pm - 2:15 pm)			
26		Movie review on "Free Guy"	21/04/2022 (1:15 pm - 2:15 pm)			
27		Being and Becoming (part 1)	25/04/2022 (1:15 pm - 2:15 pm)	12/04/2022 (1:15 pm - 2:15 pm)		
28		Being and Becoming (part 2)	26/04/2022 (1:15 pm - 2:15 pm)	13/04/2022 (1:15 pm - 2:15 pm)		
29		Movie Screening: Moon (part 1)	27/04/2022 (1:15 pm - 2:15 pm)			
30		Movie Screening: Moon (part 2)	28/04/2022 (1:15 pm - 2:15 pm)			
31		The Self and the other	2/05/2022 (1:15 pm - 2:15 pm)	18/04/2022 (1:15 pm - 2:15 pm)		
32		Freedom and Choices	4/05/2022 (1:15 pm - 2:15 pm)	19/04/2022 (1:15 pm - 2:15 pm)		
33		Evil & Suffering	5/5/2022 (1:15 pm - 2:15 pm)	20/04/2022 (1:15 pm - 2:15 pm)		
34		Movie Screening: Joker (part 1)	6/5/2022 (12:45 pm - 1:45 pm) -extra	21/04/2022 (1:15 pm - 2:15 pm)		
35		Movie Screening: Joker (part 2)	7/5/2022 (12:45 pm - 1:45 pm) -extra	22/04/2022 (12:45 pm - 1:45 pm)		

36	UNIT III: Concepts in Existentialism	Classwork: Movie review on "Moon"	9/05/2022 (1:15 pm - 2:15 pm)		Gale, C. P. (2008). Existentialism for Dummies. Indianapolis, Indiana - Canada: Wiley Publishing, Inc.	
37		Alienation	10/05/2022 (1:15 pm - 2:15 pm)	25/04/2022 (1:15 pm - 2:15 pm)		
38		Estrangement	11/05/2022 (1:15 pm - 2:15 pm)	26/04/2022 (1:15 pm - 2:15 pm)		
39		Absurdity	12/05/2022 (1:15 pm - 2:15 pm)	27/04/2022 (1:15 pm - 2:15 pm)		
40		Movie review on "Joker"	13/5/2022 (12:45 pm - 1:45 pm) -extra	29/04/2022 (12:45 pm - 1:45 pm)		
41		Authentic self and authentic choices	16/05/2022 (1:15 pm - 2:15 pm)	2/05/2022 (1:15 pm - 2:15 pm)		
42		Death	17/05/2022 (1:15 pm - 2:15 pm)	4/05/2022 (1:15 pm - 2:15 pm)		
43		Movie Screening: Mr. Nobody (part 1)	18/05/2022 (1:15 pm - 2:15 pm)			
44		Movie Screening: Mr. Nobody (part 2)	19/05/2022 (1:15 pm - 2:15 pm)			
45		Classwork: Flipped learning (role-play)	23/05/2022 (1:15 pm - 2:15 pm)			
46		Existentialism in contemporary world	24/05/2022 (1:15 pm - 2:15 pm)	5/5/2022 (1:15 pm - 2:15 pm)		
47		Existentialism in literature	25/05/2022 (1:15 pm - 2:15 pm)	9/05/2022 (1:15 pm - 2:15 pm)		
48		Existentialism in Films and drama	26/05/2022 (1:15 pm - 2:15 pm)	10/05/2022 (1:15 pm - 2:15 pm)		

49	UNIT IV:Existentialism in Contemporary concepts	Undersatnding "the stranger" by Albert campus	30/05/2022 (1:15 pm - 2:15 pm)	11/05/2022 (1:15 pm - 2:15 pm)	1. Sartre, Jean Paul. (1989) No Exit and Three Other Plays. New York: Vintage International. 2. Camus, Albert. (1942) The Stranger, trans. Stuart Gilbert. New York, Vintage International.	
50		Movie Screening: The Stranger (part 1)	31/05/2022 (1:15 pm - 2:15 pm)	12/05/2022 (1:15 pm - 2:15 pm)		
51		Movie Screening: The Stranger (part 2)	1/06/2022 (1:15 pm - 2:15 pm)	16/05/2022 (1:15 pm - 2:15 pm)		
52		Movie review on "The Stranger"	2/06/2022 (1:15 pm - 2:15 pm)	17/05/2022 (1:15 pm - 2:15 pm)		
53		Undersatnding "No Exist" by Sartre	6/06/2022 (1:15 pm - 2:15 pm)	18/05/2022 (1:15 pm - 2:15 pm)		
54		Movie Screening: No Exit (part 1)	7/06/2022 (1:15 pm - 2:15 pm)	19/05/2022 (1:15 pm - 2:15 pm)		
55		Movie Screening: No Exit (part 2)	8/06/2022 (1:15 pm - 2:15 pm)	23/05/2022 (1:15 pm - 2:15 pm)		
56		Movie review on "No Exit"	9/06/2022 (1:15 pm - 2:15 pm)	24/05/2022 (1:15 pm - 2:15 pm)		
57		Undersatnding "Rick & Morty" (Television Series) - part 1	13/06/2022 (1:15 pm - 2:15 pm)	25/05/2022 (1:15 pm - 2:15 pm)		
58		Undersatnding "Rick & Morty" (Television Series) - part 2	14/06/2022 (1:15 pm - 2:15 pm)	26/05/2022 (1:15 pm - 2:15 pm)		
59		Classwork	15/06/2022 (1:15 pm - 2:15 pm)	30/05/2022 (1:15 pm - 2:15 pm)		
60		Revision	16/06/2022 (1:15 pm - 2:15 pm)	31/05/2022 (1:15 pm - 2:15 pm)		



Chowgule College
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Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Practical Ethics (Core)

Class: F.Y.B.A.

Semester: II

Paper code: PHI-II.C-4

Year: 2021-2022

Lec No.	Credits	Sub-topic	Lectures Planned		Credits	Sub-topic
			Date	Time		
1	UNIT I: BIO ETHICS	Introduction to the course, its structure, class policy, etc.	03-03-2022	1:15 PM	UNIT I: BIO ETHICS	Introduction to the course, structure, class policy, etc.
2		Euthanasia	03-03-2022	2:15 PM		Euthanasia
3		Euthanasia	05-03-2022	1:15 PM		Euthanasia
4		Euthanasia	05-03-2022	3:30 PM		Euthanasia
5		Abortion	10-03-2022	3:30 PM		Abortion
6		Abortion	11-03-2022	11:45 AM		Abortion
7		Abortion	12-03-2022	11:45 AM		Abortion
8		Animal Experimentation	12-03-2022	3:30 PM		Animal Experimentation
9		Animal Experimentation	17-03-2022	3:30 PM		Animal Experimentation

10		Cloning and Surrogacy	18-03-2022	11:45 AM		Cloning and Surrogacy
11		Cloning and Surrogacy	19-03-2022	11:45 AM		Cloning and Surrogacy
12		Cloning and Surrogacy	19-03-2022	3:30 PM		Cloning and Surrogacy
13		Discussion and Debate on bio ethics	24-03-2022	3:30 PM		Discussion and Debate on bio ethics
14		Doubts and clarifications	25-03-2022	11:45 AM		Doubts and clarifications
15	MCQ	Continuous Assessment 1 - discussion	26-03-2022	11:45 AM	MCQ	Continuous Assessment 1 - discussion
16		Medical ethics	26-03-2022	3:30 PM		Medical ethics
17		Medical ethics	31-03-2022	3:30 PM		Medical ethics
18		Medical ethics	01-04-2022	11:45 AM		Medical ethics
19		legal ethics	02-04-2022	11:45 AM		legal ethics
20		legal ethics	02-04-2022	3:30 PM		legal ethics
21		legal ethics	07-04-2022	3:30 PM		legal ethics
22	media ethics	08-04-2022	11:45 AM		media ethics

23	UNIT II: PROFESSIONAL ETHICS	media ethics	09-04-2022	11:45 AM	UNIT II: PROFESSIONAL ETHICS	media ethics
24		media ethics	09-04-2022	3:30 PM		media ethics
25		business ethics	14-04-2022	3:30 PM		business ethics
26		business ethics	15-04-2022	11:45 AM		business ethics
27		business ethics	16-04-2022	11:45 AM		business ethics
28		debate and discussion on professional ethics	16-04-2022	3:30 PM		debate and discussion on professional ethics
29		debate and discussion on professional ethics	21-04-2022	3:30 PM		debate and discussion on professional ethics
30		Doubts and clarifications	22-04-2022	11:45 AM		Doubts and clarifications
31		Homosexuality, same sex marriage	23-04-2022	11:45 AM		Homosexuality, same sex marriage
32		Homosexuality, same sex marriage	23-04-2022	3:30 PM		Homosexuality, same sex marriage
33	Homosexuality, same sex marriage	28-04-2022	3:30 PM	Homosexuality, same sex marriage		
34	Racism	29-04-2022	11:45 AM	Racism		
35	Racism	30-04-2022	11:45 AM	Racism		

36	UNIT III: SOCIAL ETHICS	Racism	30-04-2022	3:30 PM	UNIT III: SOCIAL ETHICS	Racism		
37		Gender discrimination	05-05-2022	3:30 PM		Gender discrimination		
38		Gender discrimination	06-05-2022	11:45 AM		Gender discrimination		
39		Gender discrimination	07-05-2022	11:45 AM		Gender discrimination		
40		Corruption	07-05-2022	3:30 PM		Corruption		
41		Corruption	12-05-2022	3:30 PM		Corruption		
42		Corruption	13-05-2022	11:45 AM		Corruption		
43		Debate and discussion on social ethics	14-05-2022	11:45 AM		Debate and discussion on social ethics		
44		Doubts and clarifications	14-05-2022	3:30 PM		Doubts and clarifications		
45		Classroom Style Presentation	Continuous Assessment 2	19-05-2022		3:30 PM	Classroom Style Presentation	Continuous Assessment 2
46			Continuous Assessment 2 - discussion	20-05-2022		11:45 AM		Continuous Assessment 2 - discussion
47			Eco crises	21-05-2022		11:45 AM		Eco crises
48			Eco crises	21-05-2022		3:30 PM		Eco crises

49	UNIT IV: ENVIRONMENTAL ETHICS	Eco crises	26-05-2022	3:30 PM	UNIT IV: ENVIRONMENTAL ETHICS	Eco crises	
50		Dominion Perspective	27-05-2022	11:45 AM		Dominion Perspective	
51		Dominion Perspective	28-05-2022	11:45 AM		Participation perspective	
52		Participation perspective	28-05-2022	3:30 PM		Stewardship perspective	
53		Participation perspective	02-06-2022	3:30 PM			
54		Stewardship perspective	03-06-2022	11:45 AM			
55		Stewardship perspective	04-06-2022	11:45 AM			
56		Debate and discussion on environmental ethics	04-06-2022	3:30 PM			
57	Viva Voce	Continuous Assessment 3 - Optional	09-06-2022	3:30 PM			
58		questions, doubts, debates on discussed material	10-06-2022	11:45 AM			
59		Revision	11-06-2022	11:45 AM			
60		Revision	11-06-2022	3:30 PM			



Lectures Executed		References Used	Remarks
Date	Time		
#####	1:15 PM	Syllabus Reading Material	
#####	2:15 PM		
#####	1:15 PM		
#####	3:30 PM		
#####	3:30 PM		
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#####	11:45 AM	Syllabus Reading Material	
#####	11:45 AM		
#####	3:30 PM		Extra Class
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#####	2:15 PM	Syllabus Reading Material	
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#####	3:30 PM	Syllabus Reading Material	
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#####	3:30 PM		Extra Class
#####	2:15 PM		

#####	3:30 PM			
#####	11:45 AM			
#####	11:45 AM			
#####	3:30 PM			Extra Class



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Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Moral Philosophy (Core)

Class: T.Y.B.A.

Semester: VI

Paper code: PHI-III.E-2

Year: 2021-2022

Lec No.	Credits	Sub-topic	Lectures Planned		Credits	Sub-topic
			Date	Time		
1	UNIT I: INTRODUCTI ON	Introduction to the course, structure, class policy, etc.	02-03-2022	11:45 AM	UNIT I: INTRODUCTION	Introduction to the course, structure, class policy, etc.
2		Nature of Philosophy of Mind	02-03-2022	2:15 PM		Nature of Philosophy of Mind
3		Nature of Philosophy of Mind	04-03-2022	11:45 AM		Nature of Philosophy of Mind
4		Nature of Philosophy of Mind	05-03-2022	11:45 AM		Nature of Philosophy of Mind
5		Discussion and Debate on our initial understanding of	07-03-2022	8:30 AM		Discussion and Debate on our initial understanding of
6		Survey of the Problems of Philosophy of Mind	08-03-2022	8:30 AM		Survey of the Problems of Philosophy of Mind
7		Survey of the Problems of Philosophy of Mind	09-03-2022	8:30 AM		Survey of the Problems of Philosophy of Mind
8		Survey of the Problems of Philosophy of Mind	10-03-2022	8:30 AM		Survey of the Problems of Philosophy of Mind
9		Ancient concepts of mind	14-03-2022	8:30 AM		Ancient concepts of mind

10		Ancient concepts of mind	15-03-2022	8:30 AM		Ancient concepts of mind
11		Modern concepts of mind	16-03-2022	8:30 AM		Modern concepts of mind
12		Modern concepts of mind	17-03-2022	8:30 AM		Modern concepts of mind
13		Discussion and Debate on ancient and modern	21-03-2022	8:30 AM		Discussion and Debate on ancient and modern concepts of mind
14		Doubts and clarifications	22-03-2022	8:30 AM		Doubts and clarifications
15	MCQ	Continuous Assessment 1 - discussion	23-03-2022	8:30 AM	MCQ	Continuous Assessment 1 - discussion
16		Theory of Personality - Freud	24-03-2022	8:30 AM		Theory of Personality - Freud
17		Theory of Personality - Freud	28-03-2022	8:30 AM		Theory of Personality - Freud
18		Theory of Personality - Adler	29-03-2022	8:30 AM		Theory of Personality - Adler
19		Theory of Personality - Adler	30-03-2022	8:30 AM		Theory of Personality - Adler
20		Theory of Personality - Jung	31-03-2022	8:30 AM		Theory of Personality - Jung
21		Theory of Personality - Jung	04-04-2022	8:30 AM		Theory of Personality - Jung
22	UNIT II:	Theory of Dreams - Freud	05-04-2022	8:30 AM		Theory of Dreams - Freud

23	PSYCHOLOGICAL ASPECT OF MIND	Theory of Dreams - Freud	06-04-2022	8:30 AM	UNIT II: PSYCHOLOGICAL ASPECT OF MIND	Theory of Dreams - Freud
24		Parapsychology-Telepathy	07-04-2022	8:30 AM		Parapsychology-Telepathy
25		Parapsychology-clairvoyance	11-04-2022	8:30 AM		Parapsychology-clairvoyance
26		Parapsychology-clairvoyance	12-04-2022	8:30 AM		Parapsychology-clairvoyance
27		Parapsychology-Psychokinesis	13-04-2022	8:30 AM		Parapsychology-Psychokinesis
28		Parapsychology-Psychokinesis	14-04-2022	8:30 AM		Parapsychology-Psychokinesis
29		debate and discussion on psychological aspects of the	18-04-2022	8:30 AM		debate and discussion on psychological aspects of the mind
30		Doubts and clarifications	19-04-2022	8:30 AM		Doubts and clarifications
31		Mind-body relation- Interactionism	20-04-2022	8:30 AM		Mind-body relation- Interactionism
32		Mind-body relation- Interactionism	21-04-2022	8:30 AM		Mind-body relation- Interactionism
33	Psycho-physical parallelism	25-04-2022	8:30 AM	Psycho-physical parallelism		
34	Psycho-physical parallelism	26-04-2022	8:30 AM	Psycho-physical parallelism		
35	Epiphenomenalism	27-04-2022	8:30 AM	Epiphenomenalism		

36	UNIT III: MIND AND BODY PROBLEM	Epiphenomenalism	28-04-2022	8:30 AM	UNIT III: MIND AND BODY PROBLEM	Epiphenomenalism	
37		Personal identity - memory criterion	02-05-2022	8:30 AM		Personal identity - memory criterion	
38		Personal identity - memory criterion	03-05-2022	8:30 AM		Personal identity - memory criterion	
39		Bodily criterion	04-05-2022	8:30 AM		Bodily criterion	
40		Bodily criterion	05-05-2022	8:30 AM		Bodily criterion	
41		Our Knowledge of other minds	09-05-2022	8:30 AM		Our Knowledge of other minds	
42		Our Knowledge of other minds	10-05-2022	8:30 AM		Our Knowledge of other minds	
43		Debate and discussion on mind bdy problem	11-05-2022	8:30 AM		Classroom Style Presentation	Continuous Assessment 2
44		Doubts and clarifications	12-05-2022	8:30 AM			Continuous Assessment 2 - discussion
45		Classroom Style Presentation	Continuous Assessment 2	16-05-2022		8:30 AM	UNIT IV: INDIAN CONCEPT OF MIND
46	Continuous Assessment 2 - discussion		17-05-2022	8:30 AM	Concept of Mind in Nyaya, Yoga and Vedanta		
47		Concept of Mind in Nyaya, Yoga and Vedanta	18-05-2022	8:30 AM		Difference between mind and self in Indian philosophy	
48		Concept of Mind in Nyaya, Yoga and Vedanta	19-05-2022	8:30 AM		Difference between Antahkarna and the Western concept of Mind	

49	UNIT IV: INDIAN CONCEPT OF MIND	Concept of Mind in Nyaya, Yoga and Vedanta	23-05-2022	8:30 AM	Difference between Antahkarna and the Western concept of Mind
50		Difference between mind and self in Indian philosophy	24-05-2022	8:30 AM	
51		Difference between mind and self in Indian philosophy	25-05-2022	8:30 AM	
52		Difference between mind and self in Indian philosophy	26-05-2022	8:30 AM	
53		Difference between Antahkarna and the Western concept of Mind	30-05-2022	8:30 AM	
54		Difference between Antahkarna and the Western concept of Mind	31-05-2022	8:30 AM	
55		Difference between Antahkarna and the Western concept of Mind	01-06-2022	8:30 AM	
56		Debate and discussion on different aspects of Indian	02-06-2022	8:30 AM	
57	Viva Voce	Continuous Assessment 3 - Optional	03-06-2022	8:30 AM	
58		questions, doubts, debates on discussed material	04-06-2022	8:30 AM	
59		Revision	06-06-2022	8:30 AM	
60		Revision	07-06-2022	8:30 AM	



Lectures Executed		References Used	Remarks
Date	Time		
#####	8:30 AM	Syllabus Reading Material	
#####	8:30 AM		
#####	8:30 AM		
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#####	8:30 AM	Syllabus Reading Material	
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#####	8:30 AM	Syllabus Reading Material	
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#####	10:45 AM			



Chowgule College
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Class: S.Y.B.A.

Semester: IV

Year: 2021-2022

Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Practical Logic (SEC)

Paper code: PHI-SEC-21



Lec No.	Credits	Sub-topic	Lectures Planned	Lectures Executed	References Used	Remarks
			Date & Time	Date & Time		
1	UNIT I: Propositions	Introduction to Logic and types of Logic	11/3/2022 10:45 am - 11:45 am	11/3/2022 10:45 am - 11:45 am	Copi, Irving M. & Cohen, Carl. (2006) – 8th & 9th edition. Introduction to Logic. New Delhi: Prentice Hall of India. Hurley, Patrick J. (2007). Introduction to Logic. New Delhi: Cengage Course India	
2		Sentences and propositions	11/3/2022 11:45 am - 12:45 pm	11/3/2022 11:45 am - 12:45 pm		
3		Definition and Nature of Simple Proposition	12/3/2022 10:45 am - 11:45 am	12/3/2022 11:45 am - 12:45 pm		
4		Definition and Nature of Compound Proposition	12/3/2022 11:45 am - 12:45 pm	19/3/2022 10:45 am - 11:45 am		
5		Types of Simple and Compound Propositions (part 1)	19/3/2022 10:45 am - 11:45 am	19/3/2022 11:45 am - 12:45 pm		
6		Types of Simple and Compound Propositions (part 2)	19/3/2022 11:45 am - 12:45 pm			
7		Symbolic Representation of simple and compound propositions	25/3/2022 10:45 am - 11:45 am	25/3/2022 10:45 am - 11:45 am		
8		Understanding the truth values of Compound proposition (part 1)	25/3/2022 11:45 am - 12:45 pm	25/3/2022 11:45 am - 12:45 pm		
9		Understanding the truth values of Compound proposition (part 2)	26/3/2022 10:45 am - 11:45 am			
10		The truth table of tautology	26/3/2022 11:45 am - 12:45 pm	26/3/2022 10:45 am - 11:45 am		

11	Exercise on the truth table of tautology (2 variables)	1/4/2022 10:45 am - 11:45 am	26/3/2022 11:45 am - 12:45 pm	Pvt. Ltd.	
12	Exercise on the truth table of tautology (2 variables)	1/4/2022 11:45 am - 12:45 pm	1/4/2022 10:45 am - 11:45 am		
13	Exercise on the truth table of tautology (3 variables)	8/4/2022 10:45 am - 11:45 am	1/4/2022 11:45 am - 12:45 pm		
14	Solving and understanding of the tautology truth table (part 1)	8/4/2022 11:45 am - 12:45 pm	8/4/2022 10:45 am - 11:45 am		
15	Solving and understanding of the tautology truth table (part 2)	9/4/2022 10:45 am - 11:45 am	8/4/2022 11:45 am - 12:45 pm		
16	Varieties of meaning (part 1)	9/4/2022 11:45 am - 12:45 pm	8/4/2022 4:30 pm - 5:30 pm		
17	Varieties of meaning (part 2)	16/4/2022 10:45 am - 11:45 am			
18	Definition and their purposes	16/4/2022 11:45 am - 12:45 pm	9/4/2022 10:45 am - 11:45 am		
19	Definendum and definens	22/4/2022 10:45 am - 11:45 am	9/4/2022 11:45 am - 12:45 pm		
20	Types of Definitions: Stipulate, Lexical, Précising	22/4/2022 11:45 am - 12:45 pm	22/4/2022 10:45 am - 11:45 am		
21	Types of Definitions: Theoretical and Persuasive	23/4/2022 10:45 am - 11:45 am	22/4/2022 11:45 am - 12:45 pm		Copi, Irving M. & Cohen, Carl. (2006) – 8th & 9th edition. Introduction to Logic. New Delhi: Prentice Hall of India. Hurley, Patrick J.
22	Identifying different types of definitions	23/4/2022 11:45 am - 12:45 pm	23/4/2022 10:45 am - 11:45 am		
23	Identifying different types of definitions	29/4/2022 10:45 am - 11:45 am			
	UNIT II: Meaning and Definitions				

24	Definitions	Intension of terms	29/4/2022 11:45 am - 12:45 pm	23/4/2022 11:45 am - 12:45 pm	Hurley, Patrick J. (2007). Introduction to Logic. New Delhi: Cengage Course India Pvt. Ltd.	
25		Extention of terms	30/4/2022 10:45 am - 11:45 am	23/4/2022 4:30 pm - 5:30 pm		
26		Definitional Techniques: Connotative and denotative (part 1)	30/4/2022 11:45 am - 12:45 pm	29/4/2022 10:45 am - 11:45 am		
27		Definitional Techniques: Connotative and denotative (part 2)	6/5/2022 10:45 am - 11:45 am			
28		Exercise on Identifying different types of definitions	6/5/2022 11:45 am - 12:45 pm	29/4/2022 11:45 am - 12:45 pm		
29		Exercise on Identifying different types of definitions	7/5/2022 10:45 am - 11:45 am			
30		Solving in the class	7/5/2022 11:45 am - 12:45 pm	30/4/2022 10:45 am - 11:45 am		
31		Language functions: Informative & Expressive	9/5/2022 4:30 pm -5:30 pm	30/4/2022 11:45 am - 12:45 pm		
32		Language functions: Directive	13/5/2022 10:45 am - 11:45 am	30/4/2022 4:30 pm - 5:30 pm		
33		Language functions: Mixed functions of the languages	13/5/2022 11:45 am - 12:45 pm	6/5/2022 10:45 am - 11:45 am		
34		Emotive words and emotively neutral words (part 1)	14/5/2022 10:45 am - 11:45 am	6/5/2022 11:45 am - 12:45 pm		
35		Emotive words and emotively neutral words (part 2)	14/5/2022 11:45 am - 12:45 pm			
36		Dispute and Ambiguity	14/5/2022 4:30 pm -5:30 pm	7/5/2022 10:45 am - 11:45 am		

37	UNIT III: Aspects of Language	Types of disputes and ambiguity	20/5/2022 10:45 am - 11:45 am	7/5/2022 11:45 am - 12:45 pm	Copi, Irving M. & Cohen, Carl. (2006) – 8th & 9th edition. Introduction to Logic. New Delhi: Prentice Hall of India. Hurley, Patrick J. (2007). Introduction to Logic. New Delhi: Cengage Course India Pvt. Ltd.	
38		Kinds of agreement in beliefs	20/5/2022 11:45 am - 12:45 pm	9/5/2022 4:30 pm - 5:30 pm		
39		Kinds of disagreement in beliefs	21/5/2022 10:45 am - 11:45 am	13/5/2022 10:45 am - 11:45 am		
40		Identifying different types of agreement and disagreement in beliefs	21/5/2022 11:45 am - 12:45 pm	13/5/2022 11:45 am - 12:45 pm		
41		Identifying different types of agreement and disagreement in beliefs	21/5/2022 4:30 pm - 5:30 pm			
42		Exercise on Identifying different types of agreement and disagreement in beliefs	27/5/2022 10:45 am - 11:45 am	14/5/2022 10:45 am - 11:45 am		
43		Exercise on Identifying different types of agreement and disagreement in beliefs	27/5/2022 11:45 am - 12:45 pm			
44		Solving on Identifying different types of agreement and disagreement in beliefs	28/5/2022 10:45 am - 11:45 am	14/5/2022 11:45 am - 12:45 pm		
45		Solving on Identifying different types of agreement and disagreement in beliefs	28/5/2022 11:45 am - 12:45 pm			
46		Meaning of fallacy and its nature	28/5/2022 4:30 pm - 5:30 pm	14/5/2022 4:30 pm - 5:30 pm		
47		classifications in fallacies (part 1)	3/6/2022 10:45 am - 11:45 am	20/5/2022 10:45 am - 11:45 am		

48		classifications in fallacies (part 2)	3/6/2022 11:45 am - 12:45 pm			
49		Fallacies of Relevance	4/6/2022 10:45 am - 11:45 am	20/5/2022 11:45 am - 12:45 pm		
50		Exercise on Fallacies of Relevance	4/6/2022 11:45 am - 12:45 pm	21/5/2022 10:45 am - 11:45 am	Copi, Irving M. & Cohen, Carl. (2006) – 8th & 9th edition. Introduction to Logic. New Delhi: Prentice Hall of India. Hurley, Patrick J. (2007). Introduction to Logic. New Delhi: Cengage Course India Pvt. Ltd.	
51		Fallacies of Presumption	4/6/2022 4:30 pm - 5:30 pm	21/5/2022 11:45 am - 12:45 pm		
52	UNIT IV: Fallacies	exercise on Fallacies of Presumption	10/6/2022 10:45 am - 11:45 am	21/5/2022 4:30 pm - 5:30 pm		
53		Fallacies of Ambiguity	10/6/2022 11:45 am - 12:45 pm	27/5/2022 10:45 am - 11:45 am		
54		Exercise on Fallacies of Ambiguity	11/6/2022 10:45 am - 11:45 am	27/5/2022 11:45 am - 12:45 pm		
55		Identifying the different types of fallacies	11/6/2022 11:45 am - 12:45 pm	28/5/2022 10:45 am - 11:45 am		
56		exercise on Identifying the different types of fallacies	11/6/2022 4:30 pm - 5:30 pm	28/5/2022 11:45 am - 12:45 pm		
57		exercise on Identifying the different types of fallacies	17/6/2022 10:45 am - 11:45 am			
58		Solving on Identifying the different types of fallacies	17/6/2022 11:45 am - 12:45 pm	30/5/2022 4:30 pm - 5:30 pm		
59			Classwork	18/6/2022 10:45 am - 11:45 am		
60			Revision	18/6/2022 11:45 am - 12:45 pm		



Chowgule College
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Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Modern Western Philosophy (Core)

Class: T.Y.B.A.

Semester: VI

Paper code: PHI-VI.C-8

Year: 2021-2022



Lec No.	Credits	Sub-topic	Lectures Planned	Lectures Executed	References Used	Remarks
			Date & Time	Date & Time		
1	UNIT I: The Beginning of the Modern Western	The spirit of renaissance (part 1)	8/03/2022 (9:30 am - 10:30 am)	8/03/2022 (9:30 am - 10:30 am)	1)Thilly, Frank (2009) A History of Philosophy. Allahabad: Central Book Depot. 2) Wright, W.K.(1978) History of Philosophy	
2		The spirit of renaissance (part 2)	9/03/2022 (9:30 am - 10:30 am)	9/03/2022 (9:30 am - 10:30 am)		
3		The spirit of renaissance (part 3)	10/03/2022 (9:30 am - 10:30 am)			The topic spirit of renaissance completed in two lectures.
4		Introduction to Rene Descartes	14/03/2022 (9:30 am - 10:30 am)	10/03/2022 (11:45 am - 12:45 pm)		
5		Descartes method of doubt	15/03/2022 (9:30 am - 10:30 am)	15/03/2022 (9:30 am - 10:30 am)		
6		Cogito Ergo Sum	16/03/2022 (9:30 am - 10:30 am)	16/03/2022 (9:30 am - 10:30 am)		
7		Theory of Innate Ideas (part 1)	17/03/2022 (2:15 pm - 3:15 pm)	21/03/2022 (9:30 am - 10:30 am)		
8		Theory of Innate Ideas (part 2)	21/03/2022 (9:30 am - 10:30 am)			The topic theory of innate idea completed in one lecture.

9	Philosophy	God by Descartes	22/03/2022 (9:30 am - 10:30 am)	23/03/2022 (9:30 am - 10:30 am)	1958) A History of Modern Philosophy. New York: The Macmillan Co.	
10		Proofs for God's existence	23/03/2022 (9:30 am - 10:30 am)	25/03/2022 (12:45 pm - 1:45 pm)		
11		Theory of Substance, attributes & Modes	24/03/2022 (2:15 pm - 3:15 pm)	28/03/2022 (9:30 am - 10:30 am)		
12		Understanding of physical world	28/03/2022 (9:30 am - 10:30 am)	29/03/2022 (9:30 am - 10:30 am)		
13		Mind-Body peroblem (psycho-physical interactionism)	29/03/2022 (9:30 am - 10:30 am)	30/03/2022 (9:30 am - 10:30 am)		
14		Mind-Body peroblem (psycho-physical interactionism)	30/03/2022 (9:30 am - 10:30 am)			The topic Mind-Body peroblem (psycho-physical interactionism) completed in one
15		Classwork on methodological skepticism & intellectual biograpy of modern philosophers	31/03/2022 (2:15 pm - 3:15 pm)	31/03/2022 (2:15 pm - 3:15 pm)		
16		Introduction to Benedict Spinoza	4/04/2022 (9:30 am - 10:30 am)	1/04/2022 (12:45 pm - 1:45 pm)		
17		Spinoza's method pf reduction	5/04/2022 (9:30 am - 10:30 am)	5/04/2022 (9:30 am - 10:30 am)		
18		Theory of Substance: Spinoza	6/04/2022 (9:30 am - 10:30 am)	6/04/2022 (9:30 am - 10:30 am)		
19		Theory of attributes: Spinoza	7/04/2022 (2:15 pm - 3:15 pm)	7/04/2022 (11:45 am - 12:45 pm)		
20		Theory of modes: Spinoza	11/04/2022 (9:30 am - 10:30 am)	7/04/2022 (2:15 pm -3:15 pm)		

21	Mind-Body problem (psycho-physical parallelism)	12/04/2022 (9:30 am - 10:30 am)	8/04/2022 (9:30 am - 10:30 am)		
22	Pantheism: Spinoza	13/04/2022 (9:30 am - 10:30 am)	8/04/2022 (11:45 am - 12:45 pm)	1)Thilly, Frank (2009) A History of Philosophy. Allahabad: Central Book Depot. 2) Wright, W.K.(1958) A History of Modern Philosophy. New York: The Macmillan Co.	
23	Introduction to Gottfried Leibniz	18/04/2022 (9:30 am - 10:30 am)	9/04/2022 (10:00 am - 11:00 am)		
24	Leibniz: Three principles methods of philosophy (part 1)	19/04/2022 (9:30 am - 10:30 am)	18/04/2022 (9:30 am - 10:30 am)		
25	Leibniz: Three principles methods of philosophy (part 2)	20/04/2022 (9:30 am - 10:30 am)			The topic Leibniz: Three principles methods of philosophy completed in one
26	Theory of monadology: Principle of sufficient reason	21/04/2022 (2:15 pm - 3:15 pm)	19/04/2022 (9:30 am - 10:30 am)		
27	Types of Monads: principle of identity indiscernible	25/04/2022 (9:30 am - 10:30 am)	20/04/2022 (9:30 am - 10:30 am)		
28	Physical world: principle of non-contradiction/continuity	26/04/2022 (9:30 am - 10:30 am)	21/04/2022 (2:15 pm - 3:15 pm)		
29	Pre-established harmony (mind-body problem)	27/04/2022 (9:30 am - 10:30 am)	23/04/2022 (9:30 am - 10:30 am)		
30	Classwork: Flipped learning	28/04/2022 (2:15 pm - 3:15 pm)			Not conducted
31	Introduction to John Locke	2/05/2022 (9:30 am - 10:30 am)	25/04/2022 (9:30 am - 10:30 am)		
32	Refutation of innate ideas: Locke	4/05/2022 (9:30 am - 10:30 am)	26/04/2022 (9:30 am - 10:30 am)		

**UNIT II:
Spinoza &
Leibniz**

33	Epistemology: empiricism	5/5/2022 (2:15 pm -3:15 pm)			Not Conducted as given for self study.
34	Theory of substance by Locke: Tabula Rasa	6/5/2022 (12:45 pm - 1:45 pm) - extra	27/04/2022 (9:30 am - 10:30 am)		
35	Qualities of substance: modes and attribites (simple & complex ideas)	9/05/2022 (9:30 am - 10:30 am)	28/04/2022 (2:15 pm - 3:15 pm)		
36	Introduction to George Berkerley	10/05/2022 (9:30 am - 10:30 am)	29/04/2022 (9:30 am - 10:30 am)	1)Thilly, Frank (2009) A History of Philosophy. Allahabad: Central Book Depot. 2) Wright, W.K.(1958) A History of Modern Philosophy. New York: The Macmillan Co.	
37	Metaphysics: rejection of materialism	11/05/2022 (9:30 am - 10:30 am)	30/04/2022 (9:30 am - 10:30 am)		
38	Metaphysics: theory of immaterialism	12/05/2022 (2:15 pm - 3:15 pm)	2/05/2022 (9:30 am - 10:30 am)		
39	Proposition: Essens-est-percipi	13/5/2022 (12:45 pm - 1:45 pm) - extra	4/05/2022 (9:30 am - 10:30 am)		
40	Introduction to David Hume	16/05/2022 (9:30 am - 10:30 am)	5/5/2022 (2:15 pm -3:15 pm)		
41	Theory of Impressions: Hume	17/05/2022 (9:30 am - 10:30 am)	9/05/2022 (9:30 am - 10:30 am)		
42	Theory of Ideas: Hume	18/05/2022 (9:30 am - 10:30 am)	10/05/2022 (9:30 am - 10:30 am)		
43	Hume's skepticism	19/05/2022 (2:15 pm - 3:15 pm)	11/05/2022 (9:30 am - 10:30 am)		
44	Theory of Causation: Hume	20/5/2022 (12:45 pm - 1:45 pm) - extra	12/05/2022 (2:15 pm - 3:15 pm)		
45	Classwork: Flipped learning	23/05/2022 (9:30 am - 10:30 am)			

**UNIT III:
Locke,
Berkeley &
Hume**

46	Introduction to Immauel Kant	24/05/2022 (9:30 am - 10:30 am)	16/05/2022 (9:30 am - 10:30 am)		
47	Kant's method in systematizing philosophy	25/05/2022 (9:30 am - 10:30 am)	17/05/2022 (9:30 am - 10:30 am)		
48	Categories of Understanding (part 1)	26/05/2022 (2:15 pm - 3:15 pm)	18/05/2022 (9:30 am - 10:30 am)		
49	Categories of Understanding (part 2)	30/05/2022 (9:30 am - 10:30 am)	19/05/2022 (2:15 pm - 3:15 pm)		
50	Types of Judgements	31/05/2022 (9:30 am - 10:30 am)	20/5/2022 (12:45 pm - 1:45 pm)		
51	Rejection of Transcendental Metaphysics (part 1)	1/06/2022 (9:30 am - 10:30 am)	23/05/2022 (9:30 am - 10:30 am)	1)Thilly, Frank (2009) A History of Philosophy. Allahabad: Central Book Depot. 2) Wright, W.K.(1958) A History of Modern Philosophy. New York: The Macmillan Co.	
52	Rejection of Transcendental Metaphysics (part 2)	2/06/2022 (2:15 pm - 3:15 pm)	24/05/2022 (9:30 am - 10:30 am)		
53	Introduction to George Hegel	6/06/2022 (9:30 am - 10:30 am)	24/05/2022 (11:00 am - 12:00 pm)		
54	Hegel's Dialectic method (part 1)	7/06/2022 (9:30 am - 10:30 am)	25/05/2022 (9:30 am - 10:30 am)		
55	Hegel's Dialectic method (part 2)	8/06/2022 (9:30 am - 10:30 am)	26/05/2022 (2:15 pm - 3:15 pm)		
56	Hegel: idea of Absolute	9/06/2022 (2:15 pm - 3:15 pm)	26/05/2022 (3:15 pm - 4:15 pm)		
57	Hegel: idea of Absolute	13/06/2022 (9:30 am - 10:30 am)	30/05/2022 (9:30 am - 10:30 am)		
58	Hegel: idea of Absolute	14/06/2022 (9:30 am - 10:30 am)			The topic Hegel: Idea of Absolute covered in two lectures

UNIT IV: Kant & Hegel

59	Classwork	15/06/2022 (9:30 am - 10:30 am)			Not conducted
60	Revision	16/06/2022 (2:15 pm - 3:15 pm)	31/05/2022 (9:30 am - 10:30 am)		



Chowgule College
(Autonomous)

Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Moral Philosophy (Core)
Class: F.Y.B.A. Semester: I

Paper code: PHI-I.C-1
Year: 2021-2022

Lec No.	Credits	Sub-topic	Lectures Planned		Credits	Sub-topic
			Date	Time		
1	UNIT I: ABOUT ETHICS	Introduction to the course, its structure, class policy, etc.	06-10-2021	11:45 AM	UNIT I: ABOUT ETHICS	Introduction to the course, structure, class policy, etc.
2		Humans, Society and Ethics	07-10-2021	11:45 AM		Humans, Society and Ethics
3		Meaning, nature and importance of Ethics	08-10-2021	1:15 PM		Meaning, nature and importance of Ethics
4		Sub divisions of ethics	09-10-2021	1:15 PM		Sub divisions of ethics
5		Sub divisions of ethics	13-10-2021	11:45 AM		Sub divisions of ethics
6		Sub divisions of ethics	13-10-2021	2:15 PM		meaning of moral concepts
7		meaning of moral concepts	14-10-2021	11:45 AM		meaning of moral concepts
8		meaning of moral concepts	14-10-2021	2:15 PM		ethical relativism vs absolutism
9		ethical relativism vs absolutism	20-10-2021	11:45 AM		ethical relativism vs absolutism

10		ethical relativism vs absolutism	20-10-2021	2:15 PM		concept of dharma
11		Discussion and Debate on ethical relativism vs	21-10-2021	11:45 AM		concept of dharma
12		concept of dharma	21-10-2021	2:15 PM		Doubts and clarifications
13		concept of dharma	27-10-2021	11:45 AM	Individual Essay Paper	Continuous Assessment 1 - discussion
14		Doubts and clarifications	27-10-2021	2:15 PM		problem of free will
15	Individual Essay Paper	Continuous Assessment 1 - discussion	28-10-2021	11:45 AM		problem of free will
16		problem of free will	28-10-2021	2:15 PM		freedom and determinism
17		problem of free will	10-11-2021	11:45 AM		freedom and determinism
18		freedom and determinism	10-11-2021	2:15 PM		freedom and indeterminism
19		freedom and determinism	11-11-2021	11:45 AM		freedom and indeterminism
20		freedom and indeterminism	11-11-2021	2:15 PM	UNIT II: FREEDOM AND MORAL RESPONSIBILITY	freedom as self determinism
21		freedom and indeterminism	17-11-2021	11:45 AM		freedom as self determinism
22	UNIT II:	freedom as self determinism	17-11-2021	2:15 PM		Discussion and Debate on comparison of determinism,

23	FREEDOM AND MORAL RESPONSIBILITY	freedom as self determinism	18-11-2021	11:45 AM	UNIT III: ETHICAL THEORIES	customary morality
24		Discussion and Debate on comparison of determinism,	18-11-2021	2:15 PM		reflective morality
25		customary morality	24-11-2021	3:30 PM		debate and discussion on customary morality vs reflective
26		customary morality	25-11-2021	9:30 AM		Doubts and clarifications
27		reflective morality	25-11-2021	1:15 PM		Ethical theories - a summary
28		reflective morality	27-11-2021	1:15 PM		Consequentialist theories
29		debate and discussion on customary morality vs	01-12-2021	3:30 PM		Consequentialist theories
30		Doubts and clarifications	02-12-2021	9:30 AM		Deontological theories
31		Ethical theories - a summary	02-12-2021	1:15 PM		Deontological theories
32		Consequentialist theories	04-12-2021	1:15 PM		Virtue theories
33	Consequentialist theories	09-12-2021	9:30 AM	Virtue theories		
34	Consequentialist theories	09-12-2021	1:15 PM	Indian theories		
35	Deontological theories	11-12-2021	1:15 PM	Indian theories		

36	UNIT III: ETHICAL THEORIES	Deontological theories	15-12-2021	3:30 PM	Classroom Style Presentation	Indian theories
37		Deontological theories	16-12-2021	9:30 AM		Doubts and clarifications
38		Virtue theories	16-12-2021	1:15 PM		Continuous Assessment 2
39		Virtue theories	18-12-2021	1:15 PM		Continuous Assessment 2 - discussion
40		Indian theories	22-12-2021	3:30 PM		Nature and types of Moral Evil
41		Indian theories	05-01-2022	3:30 PM		Nature and types of Moral Evil
42		Indian theories	06-01-2022	9:30 AM		Justification for Punishment
43		Debate on validity of theories in real life	06-01-2022	1:15 PM		Justification for Punishment
44		Doubts and clarifications	07-01-2022	2:15 PM		Justification for Punishment
45		Classroom Style Presentation	Continuous Assessment 2	08-01-2022		1:15 PM
46	Continuous Assessment 2 - discussion		12-01-2022	3:30 PM	Evaluation of Capital Punishment	
47		Classroom activity on punishment	13-01-2022	9:30 AM	Debate on capital punishment - for and against	
48		Nature and types of Moral Evil	13-01-2022	1:15 PM	questions, doubts, debates on discussed material	

49	UNIT IV: CRIME AND PUNISHMENT	Nature and types of Moral Evil	14-01-2022	2:15 PM	Revision				
50		Nature and types of Moral Evil	15-01-2022	1:15 PM					
51		Justification for Punishment	19-01-2022	3:30 PM					
52		Justification for Punishment	20-01-2022	9:30 AM					
53		Evaluation of Capital Punishment	20-01-2022	1:15 PM					
54		Evaluation of Capital Punishment	21-01-2022	2:15 PM					
55		Evaluation of Capital Punishment	22-01-2022	1:15 PM					
56		Debate on capital punishment - for and against	25-01-2022	3:30 PM					
57		Viva Voce	Continuous Assessment 3 - Optional	27-01-2022				9:30 AM	
58		questions, doubts, debates on discussed material	27-01-2022	1:15 PM					
59	Revision	28-01-2022	2:15 PM						
60	Revision	29-01-2022	1:15 PM						



Lectures Executed		References Used	Remarks
Date	Time		
#####	11:45 AM	Syllabus Reading Material	
#####	11:45 AM		
#####	1:15 PM		
#####	1:15 PM		
#####	11:45 AM		
#####	2:15 PM		
#####	11:45 AM		
#####	2:15 PM		
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#####	2:15 PM	Syllabus Reading Material	
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#####	9:30 AM		
#####	1:15 PM	Syllabus Reading Material	
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#####	3:30 PM	Syllabus Reading Material	
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#####	2:15 PM			
#####	1:15 PM			



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Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Orthodox Indian Philosophy (Core)

Class: S.Y.B.A.

Semester: IV

Paper code: PHI-IV.C-6

Year: 2021-2022



Lec No.	Credits	Sub-topic	Lectures Planned	Lectures Executed	References Used	Remarks
			Date & Time	Date & Time		
1	UNIT I: Nyaya & Vaisesika Philosophy	Importance of Indian Philosophy & Common Features of Indian Philosophical Schools	2/03/2022 (8:30 am - 9:30 am)	2/03/2022 (8:30 am - 9:30 am)	1. Chatterjee, S.C. and D.M.Datta. (1968). An Introduction to Indian Philosophy. University of Calcutta. 2. Sinha, J.N. (2006). Indian Philosophy (Vol-1&II). New Delhi: Motilal Banarsidass Publishers Pvt. Ltd. 3. Dasgupta, Surendranath. (2010 Reprint) A History of	
2		Introduction to Nyaya Philosophy	2/03/2022 (11:45 am - 12:45 pm)	2/03/2022 (11:45 am - 12:45 pm)		
3		Nyaya's Epistemology: Perception and its types	3/03/2022 (8:30 am - 9:30 am)	3/03/2022 (8:30 am - 9:30 am)		
4		Nyaya's Epistemology: Inference & its logical structure	3/03/2022 (11:45 am - 12:45 pm)	3/03/2022 (11:45 am - 12:45 pm)		
5		Nyaya's Epistemology: Conditions of invariable relations and types of inferences	8/03/2022 (8:30 am - 9:30 am)	8/03/2022 (8:30 am - 9:30 am)		
6		Nyaya's Epistemology: Authority & Comparison	9/03/2022 (8:30 am - 9:30 am)	9/03/2022 (3:30 pm - 4:30 pm)		
7		Nyaya's Theory of causation	10/03/2022 (3:15 pm - 4:15 pm)	10/03/2022 (3:15 pm - 4:15 pm)		
8		Classwork on Nyaya	14/03/2022 (8:30 am - 9:30 am)			
9		Introduction to Vaisesika Philosophy	15/03/2022 (8:30 am - 9:30 am)	15/03/2022 (8:30 am - 9:30 am)		

10	Vaisesika seven Categories and its nature	16/03/2022 (3:15 pm - 4:15 pm)	16/03/2022 (10:45 am - 11:45 am)	Reprint: A History of Indian Philosophy (Vol I). New Delhi: Motilal Banarsidass Publishers Pvt. Ltd.	
11	Categories: Substance, Quality & Action	17/03/2022 (3:15 pm - 4:15 pm)	17/03/2022 (10:45 am - 11:45 am)		
12	Categories: Genrality & Particularity	21/03/2022 (8:30 am - 9:30 am)	21/03/2022 (8:30 am - 9:30 am)		
13	Categories: Inherence & Non-existence	22/03/2022 (8:30 am - 9:30 am)	23/03/2022 (10:45 am - 11:45 am)		
14	Vaisesika's Theory of Atomism	23/03/2022 (3:15 pm - 4:15 pm)	23/03/2022 (2:15 pm - 3:15 pm)		
15	Classwork on Vaisesika	24/03/2022 (3:15 pm - 4:15 pm)			
16	Introduction to Samkhya Philosophy	28/03/2022 (8:30 am - 9:30 am)	24/03/2022 (10:45 am - 11:45 am)	1. Chatterjee, S.C. and D.M.Datta. (1968). An Introduction to Indian Philosophy. University of Calcutta. 2. Sinha, J.N. (2006). Indian Philosophy	
17	Samkhya Metaphysics & Theory of Causation	29/03/2022 (8:30 am - 9:30 am)	28/03/2022 (8:30 am - 9:30 am)		
18	Prakriti: Gunas & Evolutes	30/03/2022 (3:15 pm - 4:15 pm)	29/03/2022 (8:30 am - 9:30 am)		
19	Nature of Purusa	31/03/2022 (3:15 pm - 4:15 pm)	30/03/2022 (10:45 am - 11:45 am)		
20	Samkhya Epistemology	4/04/2022 (8:30 am - 9:30 am)	31/03/2022 (10:45 am - 11:45 am)		
21	Samkhya: Bondage & Liberation	5/04/2022 (8:30 am - 9:30 am)	4/04/2022 (2:15 pm - 3:15 pm)		
22	Classwork: Samkhya	6/04/2022 (3:15 pm - 4:15 pm)			

UNIT II-

23	Unit II. Samkhya & Yoga Philosophy	Introduction to Yoga Philosophy	7/04/2022 (3:15 pm - 4:15 pm)	4/04/2022 (3:15 pm - 4:15 pm)	(Vol-1&II). New Delhi: MotilalBanarsidass Publishers Pvt. Ltd. 3. Dasgupta, Surendranath. (2010 Reprint). A History of Indian Philosophy (Vol I). New Delhi:MotilalBanarsidass Publishers Pvt.Ltd.	
24		Yoga: stages & modification in Citta	11/04/2022 (8:30 am - 9:30 am)	5/04/2022 (8:30 am - 9:30 am)		
25		Astang Yoga: Yama, Nigamana, Asana	12/04/2022 (8:30 am - 9:30 am)	6/04/2022 (10:45 am - 11:45 am)		
26		Astang Yoga: Pranayama, Pratyahara, Dharana	13/04/2022 (3:15 pm - 4:15 pm)	6/04/2022 (2:15 pm - 3:15 pm)		
27		Astang Yoga: Dhyan & Samadhi	18/04/2022 (8:30 am - 9:30 am)	7/04/2022 (10:45 am - 11:45 am)		
28		Problem of God in Yoga Philosophy	19/04/2022 (8:30 am - 9:30 am)	7/04/2022 (3:15 pm - 4:15 pm)		
29		God & Liberation	20/04/2022 (3:15 pm - 4:15 pm)	18/04/2022 (8:30 am - 9:30 am)		
30		Classwork: Yoga	21/04/2022 (3:15 pm - 4:15 pm)			
31		Introduction to Mimamsa Philosophy	25/04/2022 (8:30 am - 9:30 am)	18/04/2022 (10:30 am - 11:30 am)		
32		Theory of Knowledge: Perception, Inference, Authority, Comparison	26/04/2022 (8:30 am - 9:30 am)	19/04/2022 (8:30 am - 9:30 am)		
33		Theory of Knowledge: Postulation and Non-perception	27/04/2022 (3:15 pm - 4:15 pm)	20/04/2022 (10:45 am - 11:45 am)		
34		Theory of Truth & Validity	28/04/2022 (3:15 pm - 4:15 pm)	21/04/2022 (3:15 pm - 4:15 pm)		
35		Theory of Error: Kumarila	2/05/2022 (8:30 am - 9:30 am)	25/04/2022 (8:30 am - 9:30 am)		1. Chatterjee, S.C. and D.M.Datta. (1968). An

36		Theory of error: Prabhakara	4/05/2022 (3:15 pm - 4:15 pm)	26/04/2022 (10:30 am - 11:30 am)	Introduction to Indian Philosophy. University of Calcutta. 2.Sinha, J.N. (2006). Indian Philosophy (Vol-1&II). New Delhi: MotilalBanarsidass Publishers Pvt. Ltd. 3. Dasgupta, Surendranath. (2010 Reprint). A History of Indian Philosophy (Vol I). New Delhi:MotilalBanarsidass Publishers Pvt.Ltd.	
37	UNIT III: Minamsa & Advaita Vedanta Philosophy	Classwork: Compare Theory of error between Nyaya & Mimamsa	5/5/2022 (3:15 pm - 4:15 pm)			
38		Introduction to Vedanta Philosophy	9/05/2022 (8:30 am - 9:30 am)	27/04/2022 (2:15 pm - 3:15 pm)		
39		Nature of Advaita Vedanta	10/05/2022 (8:30 am - 9:30 am)	28/04/2022 (3:15 pm - 4:15 pm)		
40		Concept of Brahman :Advaita	11/05/2022 (3:15 pm - 4:15 pm)	2/05/2022 (8:30 am - 9:30 am)		
41		Concept of Atman: Advaita	12/05/2022 (3:15 pm - 4:15 pm)	4/05/2022 (2:15 pm - 3:15 pm)		
42		Maya & Avidya & Physical World	16/05/2022 (8:30 am - 9:30 am)	9/05/2022 (8:30 am - 9:30 am)		
43		Cause & Effect: Advaita	17/05/2022 (8:30 am - 9:30 am)	10/05/2022 (8:30 am - 9:30 am)		
44		Knowledg & Liberation	18/05/2022 (3:15 pm - 4:15 pm)	11/05/2022 (2:15 pm - 3:15 pm)		
45		Classwork: Flipped learning	19/05/2022 (3:15 pm - 4:15 pm)			
46		Introduction to Visista-advaita Vedanta	23/05/2022 (8:30 am - 9:30 am)	12/05/2022 (3:15 pm - 4:15 pm)		
47		Theory of Knowledge	24/05/2022 (8:30 am - 9:30 am)	16/05/2022 (8:30 am - 9:30 am)		
48		Concept of God or Brahman : Visistadvaita	25/05/2022 (3:15 pm - 4:15 pm)	17/05/2022 (8:30 am - 9:30 am)		

49	UNIT IV: Visistadvaita Vedanta & Dvaita Philosophy	Jivas or Individual Souls	26/05/2022 (3:15 pm - 4:15 pm)	18/05/2022 (2:15 pm - 3:15 pm)	1. Chatterjee, S.C. and D.M.Datta. (1968). An Introduction to Indian Philosophy. University of Calcutta. 2.Sinha, J.N. (2006). Indian Philosophy (Vol-1&II). New Delhi: MotilalBanarsidass Publishers Pvt. Ltd. 3. Dasgupta, Surendranath. (2010 Reprint). A History of Indian Philosophy (Vol I). New Delhi:MotilalBanarsidass Publishers Pvt.Ltd.	
50		Nature & Status of World	30/05/2022 (8:30 am - 9:30 am)	19/05/2022 (3:15 pm - 4:15 pm)		
51		The means of Liberation	31/05/2022 (8:30 am - 9:30 am)	23/05/2022 (8:30 am - 9:30 am)		
52		Introduction to Dvaita Vedanta Philosophy	1/06/2022 (3:15 pm - 4:15 pm)	24/05/2022 (8:30 am - 9:30 am)		
53		Dvaita Metaphysics: Notion & Meaning	2/06/2022 (3:15 pm - 4:15 pm)	25/05/2022 (2:15 pm - 3:15 pm)		
54		Concept of God, Jiva & World	6/06/2022 (8:30 am - 9:30 am)	26/05/2022 (3:15 pm - 4:15 pm)		
55		Five-fold differences (Five Bhedas)	7/06/2022 (8:30 am - 9:30 am)	27/05/2022 (12:45 pm - 1:45 pm)		
56		Epistemology: Dvaita	8/06/2022 (3:15 pm - 4:15 pm)	28/05/2022 (12:45 pm - 1:45 pm)		
57		Bondage & Liberation	9/06/2022 (3:15 pm - 4:15 pm)	30/05/2022 (8:30 am - 9:30 am)		
58		Flipped Learning: comparison between Visistadvaita & Dvaita	13/06/2022 (8:30 am - 9:30 am)			
59		Classwork	14/06/2022 (8:30 am - 9:30 am)			
60	Revision	15/06/2022 (3:15 pm - 4:15 pm)	31/05/2022 (8:30 am - 9:30 am)			

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COUR

Lec No. Credits

- 1
- 2 Unit 1
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COURSE SCHEDULE

DEPARTMENT OF PHILOSOPHY

COURSE TITLE: CURRENT ETHICAL ISSUES **SEMESTER:** II AND IV **YEAR:**2021-2022

Sub-topic

Class Policy and Syllabus

Introduction to paper

Meaning, nature and scope of ethics

Meaning, nature and scope of ethics

Meaning, nature and scope of ethics

Meaning, nature and scope of ethics

Abortion, Euthanasia and Suicide (Self-Killing)

Abortion, Euthanasia and Suicide (Self-Killing)

Abortion, Euthanasia and Suicide (Self-Killing)

Abortion, Euthanasia and Suicide (Self-Killing)

Prostitution

Prostitution

LGBTQ++

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LGBTQ++

Cloning and Surrogacy

Cloning and Surrogacy

Cloning and Surrogacy

Bio Diversity and Chemical Waste

Bio Diversity and Chemical Waste

Animal Health and Welfare

Animal Health and Welfare

Animal Health and Welfare

Ecological Associate Movements – Chipko, Bishnoi & Narmada Bachao

Ecological Associate Movements – Chipko, Bishnoi & Narmada Bachao

Ecological Associate Movements – Chipko, Bishnoi & Narmada Bachao

Business Ethics

Business Ethics

Business Ethics

Plagiarism

Plagiarism

Movie review

Movie review

Political Violence - Naxalism and Terrorism

Political Violence - Naxalism and Terrorism

Political Violence - Naxalism and Terrorism

Political Violence - Naxalism and Terrorism

Inclass Activity

CA 2

Debates

Ethics in Media – Deception and Yellow journalism

Ethics in Media – Deception and Yellow journalism

Ethics in Media – Deception and Yellow journalism

Rivision

Rivision

CA 3

CA 3

Lectures Planned

08-03-2022
09-03-2022
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Lectures Executed

08-03-2022
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23-05-2022

24-05-2022

25-05-2022

26-05-2022

30-05-2022

31-05-2022

References Used

Weston, Anthony. (2001). *A Practical Companion to Ethics*. Oxford: Oxford University Press.

Helga Kuhse and Peter Singer (eds.) (1999). *Bioethics: An Anthology*. USA: Blackwell publisher.

Helga Kuhse and Peter Singer (eds.) (1999). *Bioethics: An Anthology*. USA: Blackwell

Helga Kuhse and Peter Singer (eds.) (1999). *Bioethics: An Anthology*. USA: Blackwell

Helga Kuhse and Peter Singer (eds.) (1999). *Bioethics: An Anthology*. USA: Blackwell
Hugh La Follette (ed.) (2003). *The Oxford Handbook of Practical Ethics*. Oxford: Oxford University Press.

Hugh La Follette (ed.) (2003). *The Oxford Handbook of Practical Ethics*. Oxford: Oxford University Press.

Hugh La Follette (ed.) (2003). *The Oxford Handbook of Practical Ethics*. Oxford: Oxford University Press.

Cudd, Ann E; Andreasen, Robin O. (2005). *Feminist theory: A Philosophical Anthology*. Blackwell philosophy anthologies: 23. Malden, MA: Blackwell Publication.

"

"Business Ethics." *Ethics for A-Level*, by Mark Dimmock and Andrew Fisher, 1st ed., Open Book Publishers, Cambridge, UK, 2017, pp. 143–155. JSTOR, www.jstor.org/stable/j.ctt1wc7r6j.12

Küng, Hans. (2009). *A Declaration towards Global Ethics*. Geneva: Globethics.

Singh, Gopal. "Psychology of Political Violence." *Social Scientist*, vol. 4, no. 6, 1976, pp. 3–13. JSTOR, www.jstor.org/stable/3516257.

Küng, Hans. (2009). A Declaration towards Global Ethics. Geneva: Globethics.
Küng, Hans. (2009). A Declaration towards Global Ethics. Geneva: Globethics.
Küng, Hans. (2009). A Declaration towards Global Ethics. Geneva: Globethics.
Küng, Hans. (2009). A Declaration towards Global Ethics. Geneva: Globethics.



Chowgule College
(Autonomous)

Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Ancient Greek & Medieval Philosophy (Core)

Class: T.Y.B.A.

Semester: V

Paper code: PHI-V.C-7

Year: 2021-2022



Lec No.	Credits	Sub-topic	Lectures Planned	Lectures Executed	References Used	Remarks
			Date & Time	Date & Time		
1	UNIT I: ANCIENT GREEK PHILOSOPHY UPTO SOCRATES	Introduction to the course, its structure, class policy, etc.	1/10/21 (11:45 am - 12:45 pm)	1/10/21 (11:45 am - 12:45 pm)	Stace, W.C. (2015) A Critical History of Greek Philosophy. New York: Oxford University Press.	
2		Overview on the history of Greek Philosophy	2/10/21 (11:45 am - 12:45 pm)	2/10/21 (11:45 am - 12:45 pm)		
3		Philosophy of Thales	4/10/21 (9:30 am - 10:30 am)	4/10/21 (9:30 am - 10:30 am)		
4		Philosophy of Anaximander	5/10/21 (9:30 am - 10:30 am)	5/10/21 (9:30 am - 10:30 am)		
5		Philosophy of Anaximenes	6/10/21 (1:15 pm - 2:15 pm)	6/10/21 (1:15 pm - 2:15 pm)		
6		Philosophy of Hiraclitus	7/10/21 (1:15 pm - 2:15 pm)	7/10/21 (1:15 pm - 2:15 pm)		
7		Philosophy of Permenides	9/10/21 (11:45 am - 12:45 pm) - extra	9/10/21 (11:45 am - 12:45 pm) - extra		
8		Philosophy of Empedocles	11/10/21 (9:30 am - 10:30 am)	11/10/21 (9:30 am - 10:30 am)		
9		Philosophy of Anaxagoras	12/10/21 (9:30 am - 10:30 am)	12/10/21 (9:30 am - 10:30 am)		

10		Philosophy of Greek Atomist	13/10/21 (1:15 pm - 2:15 pm)	13/10/21 (1:15 pm - 2:15 pm)		
11		Sophists – Protagoras	14/10/21 (1:15 pm - 2:15 pm)	14/10/21 (1:15 pm - 2:15 pm)		
12		Sophists – Gorgias	16/10/21 (11:45 am - 12:45 pm) - extra	16/10/21 (11:45 am - 12:45 pm) - extra		
13		Socrates' Methods	18/10/21 (9:30 am - 10:30 am)	18/10/21 (9:30 am - 10:30 am)		
14		Socrates Ethics	20/10/21 (1:15 pm - 2:15 pm)	20/10/21 (1:15 pm - 2:15 pm)		
15	TEST	Contineous Assessment 1	21/10/21 (1:15 pm - 2:15 pm)	13/11/21 (11:45 am - 12:45 pm) - extra		
16		Introduction to Plato	23/10/21 (11:45 am - 12:45 pm) - extra	21/10/21 (1:15 pm - 2:15 pm)		
17		Plato – Epistemology	25/10/21 (9:30 am - 10:30 am)	23/10/21 (11:45 am - 12:45 pm) - extra		
18		Plato – Epistemology	26/10/21 (9:30 am - 10:30 am)	25/10/21 (9:30 am - 10:30 am)		
19		Plato – Theory of ideas	27/10/21 (1:15 pm - 2:15 pm)	26/10/21 (9:30 am - 10:30 am)		
20		Plato – Theory of ideas	28/10/21 (1:15 pm - 2:15 pm)	27/10/21 (1:15 pm - 2:15 pm)		
21	UNIT II: POST SOCRATES ANCIENT GREEK	Plato – Cosmology.	30/10/21 (11:45 am - 12:45 pm) - extra	28/10/21 (1:15 pm - 2:15 pm)		
22		Plato – Cosmology.	8/11/21 (9:30 am - 10:30 am)	30/10/21 (11:45 am - 12:45 pm) - extra		

Stace, W.C. (2015) A Critical History of Greek Philosophy. New York: Oxford University Press.

Thilly, Frank. (2009) A History of Philosophy. Allahabad: Central Book Depot.

23	PHILOSOPHY	Introduction to Aristotle	9/11/21 (9:30 am - 10:30 am)	8/11/21 (9:30 am - 10:30 am)	Thilly, Frank. (2009) A History of Philosophy. Allahabad: Central Book Depot.		
24		Aristotle – Criticisms of Plato’s theory of ideas	10/11/21 (1:15 pm - 2:15 pm)	9/11/21 (9:30 am - 10:30 am)			
25		Aristotle – Substance	11/11/21 (1:15 pm - 2:15 pm)	10/11/21 (1:15 pm - 2:15 pm)			
26		Aristotle – Form and Matter	13/11/21 (11:45 am - 12:45 pm) - extra	11/11/21 (1:15 pm - 2:15 pm)			
27		Aristotle – Form and Matter	15/11/21 (9:30 am - 10:30 am)	15/11/21 (9:30 am - 10:30 am)			
28		Aristotle – Theory of causation.	16/11/21 (9:30 am - 10:30 am)	16/11/21 (9:30 am - 10:30 am)			
29			Contineous Assessment 2	17/11/21 (1:15 pm - 2:15 pm)		21/12/21 (9:30 am - 10:30 am)	
30			Brief introduction to Medieval Philosophers	18/11/21 (1:15 pm - 2:15 pm)		17/11/21 (1:15 pm - 2:15 pm)	
31	UNIT III: ST.	St.Augustine – Epistemology	20/11/21 (11:45 am - 12:45 pm) - extra	18/11/21 (1:15 pm - 2:15 pm)	O’Conner, D.J. (1985) A Critical History of Western Philosophy. New York: Free Press.		
32		St.Augustine – God and the problem of evil	22/11/21 (9:30 am - 10:30 am)	20/11/21 (11:45 am - 12:45 pm) - extra			
33		St.Augustine – God and the problem of evil	23/11/21 (9:30 am - 10:30 am)	22/11/21 (9:30 am - 10:30 am)			
34		St.Augustine –Freedom of the will.	24/11/21 (1:15 pm - 2:15 pm)	23/11/21 (9:30 am - 10:30 am)			
35		St.Augustine – Freedom of the will.	25/11/21 (1:15 pm - 2:15 pm)	24/11/21 (1:15 pm - 2:15 pm)			

36	AUGUSTINE, ASLEM & ARABIC PHILOSOPHY	St.Anselm – The problem of God.	27/11/21 (11:45 am - 12:45 pm) - extra	25/11/21 (1:15 pm - 2:15 pm)	O’Conner, D.J. (1985) A Critical History of Western Philosophy. New York: Free Press.	
37		St.Anselm – The problem of God.	29/11/21 (9:30 am - 10:30 am)	27/11/21 (11:45 am - 12:45 pm) - extra		
38		St.Anselm – The problem of God.	30/11/21 (9:30 am - 10:30 am)	29/11/21 (9:30 am - 10:30 am)		
39		Arabic Philosophy - Islamic philosophies.	1/12/21 (1:15 pm - 2:15 pm)	30/11/21 (9:30 am - 10:30 am)		
40		Arabic Philosophy - Islamic philosophies	2/12/21 (1:15 pm - 2:15 pm)	2/12/21 (1:15 pm - 2:15 pm)		
41		Arabic Philosophy - Jewish philosophies	4/12/21 (11:45 am - 12:45 pm) - extra	4/12/21 (11:45 am - 12:45 pm) - extra		
42		Arabic Philosophy - Jewish philosophies	6/12/21 (9:30 am - 10:30 am)	6/12/21 (9:30 am - 10:30 am)		
43		Thomas Aquinas- Epistemology	7/12/21 (9:30 am - 10:30 am)	7/12/21 (9:30 am - 10:30 am)		
44		Thomas Aquinas- Epistemology	8/12/21 (1:15 pm - 2:15 pm)	9/12/21 (1:15 pm - 2:15 pm)		
45		Thomas Aquinas- Metaphysics	9/12/21 (1:15 pm - 2:15 pm)	11/12/21 (11:45 am - 12:45 pm) - extra		Masih, Y (2016) A Critical History of Western Philosophy. (Greek, Medieval, Modern). New Delhi: MotilalBanarasidas.
46		Thomas Aquinas- Metaphysics	11/12/21 (11:45 am - 12:45 pm) - extra	13/12/21 (9:30 am - 10:30 am)		
47		Thomas Aquinas- Theology	13/12/21 (9:30 am - 10:30 am)	14/12/21 (9:30 am - 10:30 am)		
48		John Duns Scotus – Faith and knowledge	14/12/21 (9:30 am - 10:30 am)	15/12/21 (1:15 pm - 2:15 pm)		

49		John Duns Scotus – Faith and knowledge	15/12/21 (1:15 pm - 2:15 pm)	16/12/21 (1:15 pm - 2:15 pm)		
50		John Duns Scotus – God and the moral law	16/12/21 (1:15 pm - 2:15 pm)	18/12/21 (11:45 am - 12:45 pm) - extra		
51		John Duns Scotus – God and the moral law	18/12/21 (11:45 am - 12:45 pm) - extra	20/12/21 (9:30 am - 10:30 am)		
52	UNIT IV: THOMAS AQUINAS, JOHN DUNS SCOTUS & WILLIAM OF OCCAM	John Duns Scotus – Doctrine of universals.	20/12/21 (9:30 am - 10:30 am)	22/12/21 (1:15 pm - 2:15 pm)	Masih, Y (2016) A Critical History of Western Philosophy. (Greek, Medieval, Modern). New Delhi: MotilalBanarasidas.	
53		John Duns Scotus – Doctrine of universals.	21/12/21 (9:30 am - 10:30 am)	23/12/21 (1:15 pm - 2:15 pm)		
54		William of Occam- Occam’s Razor.	22/12/21 (1:15 pm - 2:15 pm)	3/01/22 (9:30 am - 10:30 am)		
55		William of Occam- Occam’s Razor.	23/12/21 (1:15 pm - 2:15 pm)	4/01/22 (9:30 am - 10:30 am)		
56		William of Occam- Occam’s Razor.	3/01/22 (9:30 am - 10:30 am)	5/01/22 (1:15 pm - 2:15 pm)		
57		William of Occam- Occam’s Razor.	4/01/22 (9:30 am - 10:30 am)	6/01/22 (1:15 pm - 2:15 pm)		
58		Classwork	5/01/22 (1:15 pm - 2:15 pm)	10/01/22 (9:30 am - 10:30 am)		
59		Flipped Learning Class	6/01/22 (1:15 pm - 2:15 pm)	11/01/22 (9:30 am - 10:30 am)		
60		Revision	10/01/22 (9:30 am - 10:30 am)	12/01/22 (1:15 pm - 2:15 pm)		

Thilly, Frank. (2009) A History of Philosophy. Allahabad: Central Book Depot.



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Course Schedule

DEPARTMENT OF PHILOSOPHY

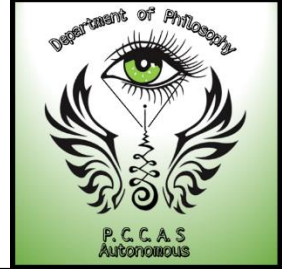
Title of the paper: Classical Indian Philosophy (Core)

Class: S.Y.B.A.

Semester: III

Paper code: PHI-III.C-5

Year: 2021-2022



Lec No.	Credits	Sub-topic	Lectures Planned	Lectures Executed	References Used	Remarks
			Date & Time	Date & Time		
1	UNIT I: Foundations of Indian Philosophy	Introduction to the course, its structure, class policy, etc.	5/10/2021 (3:30 pm - 4:30 pm) - extra	5/10/2021 (3:30 pm - 4:30 pm) - extra	Chandradhar, Sharma(1979). A Critical Survey of Indian Philosophy. New Delhi: MotilalBanarasidass Publishers Pvt.Ltd.	
2		Introduction to Indian philosophy	6/10/2021 (8:30 am - 9:30 am)	6/10/2021 (8:30 am - 9:30 am)		
3		The Vedas	6/10/2021 (9:30 am - 10:30 am)	6/10/2021 (9:30 am - 10:30 am)		
4		The Vedas	7/10/2021 (8:30 am - 9:30 am)	7/10/2021 (8:30 am - 9:30 am)		
5		The Vedas	7/10/2021 (9:30 am - 10:30 am)	7/10/2021 (9:30 am - 10:30 am)		
6		The Upanishads	12/10/2021 (3:30 pm - 4:30 pm) - extra	12/10/2021 (3:30 pm - 4:30 pm) - extra		
7		The Upanishads	13/10/2021 (8:30 am - 9:30 am)	13/10/2021 (8:30 am - 9:30 am)		
8		The Bhagawadgita	13/10/2021 (9:30 am - 10:30 am)	13/10/2021 (9:30 am - 10:30 am)		
9		The Bhagawadgita	14/10/2021 (8:30 am - 9:30 am)	14/10/2021 (8:30 am - 9:30 am)		

10		The Sutras	14/10/2021 (9:30 am - 10:30 am)	14/10/2021 (9:30 am - 10:30 am)	Chandradhar, Sharma(1979). A Critical Survey of Indian Philosophy. New Delhi:	
11		Prasthan-trayas	20/10/2021 (8:30 am - 9:30 am)	20/10/2021 (8:30 am - 9:30 am)		
12		Prasthan-trayas	20/10/2021 (9:30 am - 10:30 am)	20/10/2021 (9:30 am - 10:30 am)		
13	UNIT II: Charvaka Philosophy	Introduction to Charvaka	21/10/2021 (8:30 am - 9:30 am)	21/10/2021 (8:30 am - 9:30 am)	Chatterjee, SandDMD atta.(1968).AnIntro ductiontoIndianPhilos ophy.UniversityofCal cutta.	
14		Challenges faced by Charvaka	21/10/2021 (9:30 am - 10:30 am)	21/10/2021 (9:30 am - 10:30 am)		
15		Charvaka's Epistemology	26/10/2021 (3:30 pm - 4:30 pm) - extra	26/10/2021 (3:30 pm - 4:30 pm) - extra		
16		Charvaka's Epistemology	27/10/2021 (8:30 am - 9:30 am)	27/10/2021 (8:30 am - 9:30 am)		
17		Charvaka's Epistemology	27/10/2021 (9:30 am - 10:30 am)	27/10/2021 (9:30 am - 10:30 am)		
18		Charvaka's Metaphysics	28/10/2021 (8:30 am - 9:30 am)	28/10/2021 (8:30 am - 9:30 am)		
19		Charvaka's Metaphysics	28/10/2021 (9:30 am - 10:30 am)	28/10/2021 (9:30 am - 10:30 am)		
20		Charvaka's Metaphysics	9/11/2021 (3:30 pm - 4:30 pm) - extra	9/11/2021 (3:30 pm - 4:30 pm) - extra		
21		Charvaka's Ethics	10/11/2021 (8:30 am - 9:30 am)	10/11/2021 (8:30 am - 9:30 am)		
22		Charvaka's Ethics	10/11/2021 (9:30 am - 10:30 am)	10/11/2021 (9:30 am - 10:30 am)		

23		Charvaka's Ethics	11/11/2021 (8:30 am - 9:30 am)	11/11/2021 (9:30 am - 10:30 am)	Chatterjee, SandDMD atta.(1968).AnIntroductiontoIndianPhilosophy.UniversityofCalcutta.	
24		Charvaka's Ethics	11/11/2021 (9:30 am - 10:30 am)	15/11/2021 (3:30 pm - 4:30 pm) - extra		
25		Criticism on Charvaka Theory	16/11/2021 (3:30 pm - 4:30 pm) - extra	16/11/2021 (3:30 pm - 4:30 pm) - extra		
26		Revision	17/11/2021 (8:30 am - 9:30 am)	17/11/2021 (8:30 am - 9:30 am)		
27		Introduction to Jainism as a religion	17/11/2021 (9:30 am - 10:30 am)	17/11/2021 (9:30 am - 10:30 am)	Chatterjee, SandDMD atta.(1968).AnIntroductiontoIndianPhilosophy.UniversityofCalcutta.	
28		Introduction to Jainism as a Philosophical thought	18/11/2021 (8:30 am - 9:30 am)	18/11/2021 (8:30 am - 9:30 am)		
29		Jaina's epistemology: Introduction	18/11/2021 (9:30 am - 10:30 am)	18/11/2021 (9:30 am - 10:30 am)		
30		Jaina's epistemology : Doctrine 1	23/11/2021 (3:30 pm - 4:30 pm) - extra	23/11/2021 (3:30 pm - 4:30 pm) - extra		
31		Jaina's epistemology: Doctrine 1	24/11/2021 (8:30 am - 9:30 am)	24/11/2021 (8:30 am - 9:30 am)		
32		Jaina's epistemology: Doctrine 2	24/11/2021 (9:30 am - 10:30 am)	24/11/2021 (9:30 am - 10:30 am)		
33		Jaina's epistemology: Doctrine 2	25/11/2021 (8:30 am - 9:30 am)	25/11/2021 (8:30 am - 9:30 am)		
34	UNIT III: Jaina Philosophy	Jaina's epistemology: Doctrine 3	25/11/2021 (9:30 am - 10:30 am)	25/11/2021 (9:30 am - 10:30 am)		
35		Jaina's epistemology: Doctrine 3	30/11/2021 (3:30 pm - 4:30 pm) - extra	30/11/2021 (3:30 pm - 4:30 pm) - extra		

36	Jaina's Metaphysics	1/12/2021 (8:30 am - 9:30 am)	2/12/2021 (8:30 am - 9:30 am)	Chatterjee, SandDMD atta.(1968).AnIntroductiontoIndianPhilosophy.UniversityofCalcutta.		
37	Jaina's Metaphysics	1/12/2021 (9:30 am - 10:30 am)	2/12/2021 (9:30 am - 10:30 am)			
38	Jaina's Metaphysics	2/12/2021 (8:30 am - 9:30 am)	7/12/2021 (3:30 pm - 4:30 pm) - extra			
39	Jaina's Metaphysics	2/12/2021 (9:30 am - 10:30 am)	9/12/2021 (8:30 am - 9:30 am)			
40	Jaina's ethics	7/12/2021 (3:30 pm - 4:30 pm) - extra	9/12/2021 (9:30 am - 10:30 am)			
41	Jaina's ethics	8/12/2021 (8:30 am - 9:30 am)	13/12/2021 (3:30 pm - 4:30 pm) - extra			
42	Jaina's ethics	8/12/2021 (9:30 am - 10:30 am)	14/12/2021 (3:30 pm - 4:30 pm) - extra			
43	Buddhism as religion	9/12/2021 (8:30 am - 9:30 am)	15/12/2021 (8:30 am - 9:30 am)		Chatterjee, SandDMD atta.(1968).AnIntroductiontoIndianPhilosophy.UniversityofCalcutta.	
44	Buddha's epistemology: Intro	9/12/2021 (9:30 am - 10:30 am)	15/12/2021 (9:30 am - 10:30 am)			
45	Buddha's epistemology: Noble truths	14/12/2021 (3:30 pm - 4:30 pm) - extra	16/12/2021 (8:30 am - 9:30 am)			
46	Buddha's epistemology: Cause of suffering, ethical understanding	15/12/2021 (8:30 am - 9:30 am)	16/12/2021 (9:30 am - 10:30 am)			
47	Buddha's epistemology: middle path	15/12/2021 (9:30 am - 10:30 am)	20/12/2021 (3:30 pm - 4:30 pm) - extra			
48	Buddha's metaphysics: Intro	16/12/2021 (8:30 am - 9:30 am)	21/12/2021 (11:45 am - 12:45 pm) - extra			

49	UNIT IV: BUDDHIST PHILOSOPHY	Buddha's metaphysics: Philosophical Doctrine 1	16/12/2021 (9:30 am - 10:30 am)	22/12/2021 (9:30 am - 10:30 am)	Chatterjee, SandDMD atta.(1968).AnIntro ductiontoIndianPhilos ophy.UniversityofCal cutta.	
50		Buddha's metaphysics: Philosophical Doctrine 1	21/12/2021 (3:30 pm - 4:30 pm) - extra	23/12/2021 (8:30 am - 9:30 am)		
51		Buddha's metaphysics: Philosophica Doctrine 2	22/12/2021 (8:30 am - 9:30 am)	23/12/2021 (9:30 am - 10:30 am)		
52		Buddha's metaphysics: Philosophica Doctrine 2	22/12/2021 (9:30 am - 10:30 am)	3/01/2022 (3:30 pm -4:30 pm) - extra		
53		Schools of Buddhism	23/12/2021 (8:30 am - 9:30 am)	5/1/2022 (8:45 am - 9:45am)		
54		Schools of Buddhism	23/12/2021 (9:30 am - 10:30 am)	5/1/2022 (9:45 am - 10:45 am)		
55		Schools of Buddhism	4/01/2022 (3:30 pm - 4:30 pm) - extra	6/1/2022 (8:30 am - 9:30 am)		
56		Schools of Buddhism	5/1/2022 (8:30 am - 9:30 am)	6/1/2022 (9:30 am - 10:30 am)		
57		Classwork	5/1/2022 (9:30 am - 10:30 am)	12/1/2022 (8:30 am - 9:30 am)		
58		Classwork	6/1/2022 (8:30 am - 9:30 am)	12/1/2022 (9:30 am - 10:30 am)		
59		Revision	6/1/2022 (9:30 am - 10:30 am)	13/1/2022 (8:30 am - 9:30 am)		
60		Revision	12/1/2022 (8:30 am - 9:30 am)	13/1/2022 (9:30 am - 10:30 am)		

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Chowgule College
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Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Current Ethical Issues (GEC)
Class: FY- B.A./B.Sc. & S.Y.B.A.

Div: B
Semester: I/III

Paper code: PHI.INT-01
Year: 2021-22



Lec No.	Credits	Sub-topic	Lectures Planned	Lectures Executed	References Used	Remarks
			Date & Time	Date & Time		
1	UNIT I: Introduction to Ethics and Applied Ethics	Introduction to the course, its structure, class policy, etc.	4/10/2021 (8:30 am - 9:30 am)	11/10/2021 (8:30 am - 9:30 am)	1. Frey, R. G. And Christopher Heath Wellman (eds). (2003). A Companion to Applied Ethics. USA: Blackwell Publishing Ltd. 2. Küng, Hans. (2009). A Declaration towards Global	The classes for GEC courses officially began from 11/10/2021
2		Introduction to the theories of Ancient Ethics	4/10/2021 (1:15 pm - 2:15 pm)	11/10/2021 (1:15 pm - 2:15 pm)		
3		Ancient ethics: Sophist & Socrates	5/10/2021 (8:30 am - 9:30 am)	12/10/2021 (8:30 am - 9:30 am)		
4		Ancient ethics: Cynics & Cyrenaics	5/10/2021 (1:15 pm - 2:15 pm)	12/10/2021 (1:15 pm - 2:15 pm)		
5		Ancient ethics: Plato & Aristotle	11/10/2021 (8:30 am - 9:30 am)	18/10/2021 (8:30 am - 9:30 am)		
6		Ancient ethics: Stoicism & Epicureanism	11/10/2021 (1:15 pm - 2:15 pm)	18/10/2021 (1:15 pm - 2:15 pm)		
7		Introduction to Modern Morality	12/10/2021 (8:30 am - 9:30 am)	25/10/2021 (8:30 am - 9:30 am)		
8		Deontological theory of Kant	12/10/2021 (1:15 pm - 2:15 pm)	25/10/2021 (1:15 pm - 2:15 pm)		
9		Utilitarianism theory of Bentham & Mill	18/10/2021 (8:30 am - 9:30 am)	26/10/2021 (8:30 am - 9:30 am)		

10		Branches of Ethics: Meta-ethics, Normative Ethics & Applied Ethics	18/10/2021 (1:15 pm - 2:15 pm)	26/10/2021 (1:15 pm - 2:15 pm)	Ethics. Geneva: Globethics.	
11		Branches of Ethics: Meta-ethics, Normative Ethics & Applied Ethics	23/10/21 (5:30 pm) - extra	Nil		One lecturer was sufficient to finish the topic
12		Scope of Applied Ethics	25/10/2021 (8:30 am - 9:30 am)	8/11/2021 (8:30 am - 9:30 am)		
13		Scope of Applied Ethics	25/10/2021 (1:15 pm - 2:15 pm)	Nil		One lecturer was sufficient to finish the topic
14	TEST	Contineous Assessment 1	26/10/2021 (8:30 am - 9:30 am)	16/11/2021 (8:30 am - 9:30 am)		MCQ
15	UNIT II: Current Ethical Issues: Individual and Social	LGBTQ++ : Introduction & Individual ethical concern	26/10/2021 (1:15 pm - 2:15 pm)	8/11/2021 (1:15 pm - 2:15 pm)	Helga Kuhse and Peter Singer (eds.) (1999). Bioethics: An Anthology. USA: Blackwell publisher.	
16		LGBTQ++ : Types and Current status	30/10/21 (5:30 pm) - extra	9/11/2021 (8:30 am - 9:30 am)		
17		LGBTQ++ : Social, Cultural & economical issues	8/11/2021 (8:30 am - 9:30 am)	9/11/2021 (1:15 pm - 2:15 pm)		
18		Prostitution : Introduction & Individual ethical concern	8/11/2021 (1:15 pm - 2:15 pm)	13/11/21 (5:30 pm) - extra		
19		Prostitution : Types and Current status	9/11/2021 (8:30 am - 9:30 am)	15/11/2021 (8:30 am - 9:30 am)		
20		Prostitution : Social, Cultural & Economical issues	9/11/2021 (1:15 pm - 2:15 pm)	15/11/2021 (1:15 pm - 2:15 pm)		
21		Abortion : Introduction & Individual ethical concern	13/11/21 (5:30 pm) - extra	16/11/2021 (1:15 pm - 2:15 pm)		
22		Abortion : Types and Current status	15/11/2021 (8:30 am - 9:30 am)	20/11/21 (5:30 pm) - extra		

23	and Social	Suicide : Introduction & Individual ethical concern	15/11/2021 (1:15 pm - 2:15 pm)	22/11/2021 (8:30 am - 9:30 am)	Helga Kuhse and Peter Singer (eds.) (1999). Bioethics: An Anthology. USA: Blackwell publisher.	
24		Suicide : Types and Current status	16/11/2021 (8:30 am - 9:30 am)	22/11/2021 (1:15 pm - 2:15 pm)		
25		Suicide : Social, Cultural & economical issues	16/11/2021 (1:15 pm - 2:15 pm)	23/11/2021 (8:30 am - 9:30 am)		
26		Euthanasia : Introduction & Individual ethical concern	20/11/21 (5:30 pm) - extra	23/11/2021 (1:15 pm - 2:15 pm)		
27		Euthanasia : Types and Current status	22/11/2021 (8:30 am - 9:30 am)	27/11/21 (5:30 pm) - extra		
28		Euthanasia : Social, Cultural & economical issues	22/11/2021 (1:15 pm - 2:15 pm)	29/11/2021 (8:30 am - 9:30 am)		
29		Cloning : Types and Ethical concern	23/11/2021 (8:30 am - 9:30 am)	29/11/2021 (1:15 pm - 2:15 pm)		
30		Cloning : Issues, Challenges	23/11/2021 (1:15 pm - 2:15 pm)	30/11/2021 (8:30 am - 9:30 am)		1 Helga Kuhse and Peter Singer (eds.) (1999). Bioethics: An Anthology. USA: Blackwell publisher. 2. Hugh La Follette (ed.) (2003). The Oxford Handbook of Practical Ethics. Oxford: Oxford University Press
31	Surrogacy : Types and Ethical concern	27/11/21 (5:30 pm) - extra	30/11/2021 (1:15 pm - 2:15 pm)			
32	Surrogacy : Issues, Challenges	29/11/2021 (8:30 am - 9:30 am)	4/12/21 (5:30 pm) - extra			
33	Bio Diversity: Types and Ethical concer	29/11/2021 (1:15 pm - 2:15 pm)	6/12/2021 (8:30 am - 9:30 am)			
34	Bio Diversity : Issues, Challenges	30/11/2021 (8:30 am - 9:30 am)	6/12/2021 (1:15 pm - 2:15 pm)			
35	Chemical Waste: Types and Ethical concern	30/11/2021 (1:15 pm - 2:15 pm)	7/12/2021 (8:30 am - 9:30 am)			
	UNIT III: Science, Technology					

36	and Environmental Ethics	Animal Health: Issues	4/12/21 (5:30 pm) - extra	7/12/2021 (1:15 pm - 2:15 pm)	1 Helga Kuhse and Peter Singer (eds.) (1999). Bioethics: An Anthology. USA: Blackwell publisher. 2. Hugh La Follette (ed.) (2003). The Oxford Handbook of Practical Ethics. Oxford: Oxford University Press		
37		Animal Health: Challenges	6/12/2021 (8:30 am - 9:30 am)	11/12/21 (5:30 pm) - extra			
38		Animal Welfare: Issues	6/12/2021 (1:15 pm - 2:15 pm)	13/12/2021 (8:30 am - 9:30 am)			
39		Animal Welfare: Challenges	7/12/2021 (8:30 am - 9:30 am)	13/12/2021 (1:15 pm - 2:15 pm)			
40		Ecological Associate Movements – Chipko	7/12/2021 (1:15 pm - 2:15 pm)	14/12/2021 (8:30 am - 9:30 am)			
41		Ecological Associate Movements – Bishnoi	11/12/21 (5:30 pm) - extra	14/12/2021 (1:15 pm - 2:15 pm)			
42		Ecological Associate Movements – Narmada Bachao	13/12/2021 (8:30 am - 9:30 am)	18/12/21 (5:30 pm) - extra			
43		Business Ethics	13/12/2021 (1:15 pm - 2:15 pm)	20/12/2021 (8:30 am - 9:30 am)			
44		Business Ethics	14/12/2021 (8:30 am - 9:30 am)	20/12/2021 (1:15 pm - 2:15 pm)			
45		Plagiarism	14/12/2021 (1:15 pm - 2:15 pm)	21/12/2021 (8:30 am - 9:30 am)		1. Bowie, Norman. (1989). Business Ethics. 2d ed. Englewood Cliffs, NJ: Prentice-Hall.	
46		Plagiarism	18/12/21 (5:30 pm) - extra	21/12/2021 (1:15 pm - 2:15 pm)			
47		Political Violence - Naxalism	20/12/2021 (8:30 am - 9:30 am)	3/1/2022 (8:30 am - 9:30 am)			
48	Political Violence - Naxalism	20/12/2021 (1:15 pm - 2:15 pm)	3/1/2022 (1:15 pm - 2:15 pm)				

49	UNIT IV: Ethics in Business, Research, Politics and Media	Political Violence - Terrorism	21/12/2021 (8:30 am - 9:30 am)	4/1/2022 (8:30 am - 9:30 am)	2. Paul, Oliver. (2010). The Student's Guide to Research Ethics. USA: Open University press. 3. Rawls, John. (2001). Justice as Fairness: A Restatement, Cambridge MA: Belknap Press. 4. Weston. Anthony. (2001). A Practical Companion to Ethics. Oxford: Oxford University Press.	
50		Political Violence - Terrorism	21/12/2021 (1:15 pm - 2:15 pm)	4/1/2022 (1:15 pm - 2:15 pm)		
51		Ethics in Media – Deception	3/1/2022 (8:30 am - 9:30 am)	8/01/22 (5:30 pm) - extra		
52		Ethics in Media – Deception	3/1/2022 (1:15 pm - 2:15 pm)	10/1/2022 (8:30 am - 9:30 am)		
53		Ethics in Media – Deception	4/1/2022 (8:30 am - 9:30 am)	Nil		Two lecturers were sufficient to finish the topic
54		Ethics in Media – Yellow journalism	4/1/2022 (1:15 pm - 2:15 pm)	10/1/2022 (1:15 pm - 2:15 pm)		
55		Ethics in Media – Yellow journalism	8/01/22 (5:30 pm) - extra	11/1/2022 (8:30 am - 9:30 am)		
56		Ethics in Media – Yellow journalism	10/1/2022 (8:30 am - 9:30 am)	Nil		Two lecturers were sufficient to finish the topic
57		Revision	10/1/2022 (1:15 pm - 2:15 pm)	11/1/2022 (1:15 pm - 2:15 pm)		
58		Revision	11/1/2022 (8:30 am - 9:30 am)			
59		Discussion	11/1/2022 (1:15 pm - 2:15 pm)			
60		Discussion	15/1/2022 (5:30 pm) - extra			



Chowgule College
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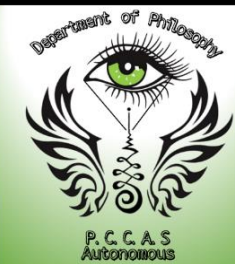
Course Schedule

DEPARTMENT OF PHILOSOPHY

Title of the paper: Logic (Core)
Class: F.Y.B.A.

Semester: I

Paper code: PHI-I.C-2
Year: 2021-2022



Lec No.	Credits	Sub-topic	Lectures Planned	Lectures Executed	References Used	Remarks
			Date & Time	Date & Time		
1	UNIT I: ABOUT LOGIC	Introduction to the course, its structure, class policy, etc.	1/10/2021 (1:15 pm-2:15 pm)	5/10/2021 (11:45 am-12:45 pm)	Hurley, Patrick J. (2007). Introduction to Logic. New Delhi: CengageCourse India Pvt. Ltd.	
2		Meaning, nature and importance of logic.	2/10/2021 (1:15 pm-2:15 pm)	6/10/2021 (2:15 pm-3:15 pm)		
3		Sentences and propositions	4/10/2021 (11:45 am-12:45 pm)	6/10/2021 (3:15 pm-4:15 pm) - extra		
4		Argument : Identifying reason and conclusion	5/10/2021 (11:45 am-12:45 pm)	7/10/2021 (2:15 pm-3:15 pm)		
5		Argument : Identifying reason and conclusion	8/10/2021 (1:15 pm-2:15 pm)	7/10/2021 (3:15 pm-4:15 pm) - extra		
6		Deductive and Inductive arguments.	9/10/2021 (1:15 pm-2:15 pm)	11/10/2021 (11:45 am-12:45 pm)		
7		Deductive and Inductive arguments.	11/10/2021 (11:45 am-12:45 pm)	12/10/2021 (11:45 am-12:45 pm)		
8		Exercise on Arguments	12/10/2021 (11:45 am-12:45 pm)	16/10/2021 (1:15 pm-2:15 pm)		
9		Exercise solving on Deductive and Inductive reasoning	16/10/2021 (1:15 pm-2:15 pm)	16/10/2021 (1:15 pm-2:15 pm) - extra		

10		Truth, Validity and Soundness.	16/10/2021 (1:15 pm-2:15 pm) - extra	18/10/2021 (11:45 am-12:45 pm)	Hurley, Patrick J. (2007). Introduction to Logic. New Delhi: CengageCourse India Pvt. Ltd.	
11		Truth, Validity and Soundness.	18/10/2021 (11:45 am-12:45 pm)	22/10/2021 (1:15 pm-2:15 pm)		
12	TEST	Contineous Assessment 1	22/10/2021 (1:15 pm-2:15 pm)	8/11/2021 (11:45 am-12:45 pm)		
13	UNIT II: PROPOSITIO NS	Meaning and classification of propositions	23/10/2021 (1:15 pm-2:15 pm)	23/10/2021 (1:15 pm-2:15 pm)	Copi, Irving M. & Cohen, Carl. (2006) – 8th& 9th edition. Introduction to Logic. New Delhi: Prentice Hall of India.	
14		Nature of standard form categorical propositions	23/10/2021 (3:30 pm-4:30 pm) - extra	23/10/2021 (3:30 pm-4:30 pm) - extra		
15		Nature of standard form categorical propositions	25/10/2021 (11:45 am-12:45 pm)	25/10/2021 (11:45 am-12:45 pm)		
16		Exercise solving on categorical propositions	26/10/2021 (11:45 am-12:45 pm)	26/10/2021 (11:45 am-12:45 pm)		
17		Representation through Venn diagram.	29/10/2021 (1:15 pm-2:15 pm)	29/10/2021 (1:15 pm-2:15 pm)		
18		Representation through Venn diagram.	30/10/2021 (1:15 pm-2:15 pm)	30/10/2021 (1:15 pm-2:15 pm)		
19		Distribution of terms.	30/10/2021 (3:30 pm-4:30 pm) - extra	30/10/2021 (3:30 pm-4:30 pm) - extra		
20		Exercise solving on distribution of terms	8/11/2021 (11:45 am-12:45 pm)	9/11/2021 (11:45 am-12:45 pm)		
21		Reduction of sentences to standard form categorical proposition.	9/11/2021 (11:45 am-12:45 pm)	12/11/2021 (1:15 pm-2:15 pm)		
22		Reduction of sentences to standard form categorical proposition.	12/11/2021 (1:15 pm-2:15 pm)	13/11/2021 (1:15 pm-2:15 pm)		

23	Exercise on Reduction of sentences to standard form	13/11/2021 (1:15 pm-2:15 pm)	15/11/2021 (11:45 am-12:45 pm)	Copi, Irving M. & Cohen, Carl. (2006) – 8th& 9th edition. Introduction to Logic. New Delhi: Prentice Hall of India.	
24	Exercise on Reduction of sentences to standard form	13/11/2021 (1:15 pm-2:15 pm) - extra	16/11/2021 (11:45 am-12:45 pm)		
25	Exercise on Reduction of sentences to standard form	15/11/2021 (11:45 am-12:45 pm)	19/11/2021 (1:15 pm-2:15 pm)		
26	Exercise on Reduction of sentences to standard form	16/11/2021 (11:45 am-12:45 pm)	20/11/2021 (8:30 am-9:30 am)		
27	Exercise on Reduction of sentences to standard form	19/11/2021 (1:15 pm-2:15 pm)	20/11/2021 (3:30 pm-4:30 pm) - extra		
28	Meaning and types of inferences.	20/11/2021 (1:15 pm-2:15 pm)	25/11/2021 (11:45 am - 12:45 pm)		
29	Opposition of proposition	20/11/2021 (3:30 pm-4:30 pm) - extra	25/11/2021 (2:15 pm - 2:15 pm)		
30	Opposition of proposition	22/11/2021 (11:45 am-12:45 pm)	26/11/2021 (1:15 pm - 2:15 pm)	Copi, Irving M. & Cohen, Carl. (2006) – 8th& 9th edition. Introduction to Logic. New Delhi: Prentice Hall of India.	
31	Truth table in Categorical propositions	23/11/2021 (11:45 am-12:45 pm)	27/11/2021 (3:30 pm - 4:30 pm)		
32	Exercise solving on opposition of proposition	26/11/2021 (1:15 pm-2:15 pm)	27/11/2021 (4:30 pm - 5:30 pm) - extra		
33	Exercise solving on opposition of proposition	27/11/2021 (1:15 pm-2:15 pm)	2/12/2021 (11:45 am - 12:45 pm)		
34	Eductions-its types.	27/11/2021 (1:15 pm-2:15 pm) - extra	2/12/2021 (2:15 pm - 2:15 pm)		
35	Eductions-its types.	29/11/2021 (11:45 am-12:45 pm)	4/12/2021 (3:15 pm - 4:15 pm)		

36		Eductions-its types.	30/11/2021 (11:45 am-12:45 pm)	4/12/2021 (4:15 pm - 5:15 pm) - extra	Copi, Irving M. & Cohen, Carl. (2006) – 8th & 9th edition. Introduction to Logic. New Delhi: Prentice Hall of India.	
37		Eductions-its types.	3/12/2021 (1:15 pm-2:15 pm)	9/12/2021 (11:45 am - 12:45 pm)		
38	UNIT III: INFERENCES	Exercise solving on Eduction	4/12/2021 (1:15 pm-2:15 pm)	9/12/2021 (2:15 pm - 2:15 pm)		
39		Exercise solving on Eduction	4/12/2021 (1:15 pm-2:15 pm) - extra	10/12/2021 (1:15 pm - 2:15 pm)		
40		Categorical Syllogism – its structure and evaluation	6/12/2021 (11:45 am-12:45 pm)	11/12/2021 (3:15 pm - 4:15 pm)		
41		Categorical Syllogism – its mood and figure	7/12/2021 (11:45 am-12:45 pm)	11/12/2021 (4:15 pm - 5:15 pm) - extra		
42		Categorical Syllogism – rules of validity	10/12/2021 (1:15 pm-2:15 pm)	16/12/2021 (11:45 am - 12:45 pm)		
43		Exercise on Syllogism	11/12/2021 (1:15 pm-2:15 pm)	16/12/2021 (2:15 pm - 2:15 pm)		
44		Exercise on Syllogism	11/12/2021 (1:15 pm-2:15 pm) - extra	17/12/2021 (1:15 pm - 2:15 pm)		
45		Categorical Syllogism – venn diagram	13/12/2021 (11:45 am-12:45 pm)	18/12/2021 (3:15 pm - 4:15 pm)		
46		Categorical Syllogism – rules of validity of venn diagram	14/12/2021 (11:45 am-12:45 pm)	18/12/2021 (4:15 pm - 5:15 pm) - extra		
47		Exercise on Syllogism - Venn Diagram	17/12/2021 (1:15 pm-2:15 pm)	23/12/2021 (11:45 am - 12:45 pm)		
48		Exercise on Syllogism - Venn Diagram	18/12/2021 (1:15 pm-2:15 pm)	23/12/2021 (2:15 pm - 2:15 pm)		

49		Exercise on Syllogism - Venn Diagram	18/12/2021 (1:15 pm-2:15 pm) - extra	6/1/2022 (11:45 am - 12:45 pm)		
50	UNIT IV: ORDINARY LANGUAGE ARGUMENTS	Hypothetical argument –its nature and rules of validity.	20/12/2021 (11:45 am-12:45 pm)	6/1/2022 (2:15 pm - 2:15 pm)	Hurley, Patrick J. (2007). Introduction to Logic. New Delhi: CengageCourse India Pvt. Ltd.	
51		Hypothetical argument –its nature and rules of validity.	21/12/2021 (11:45 am-12:45 pm)	7/1/2022 (1:15 pm - 2:15 pm)		
52		Disjunctive argument – its nature and rules of validity.	3/01/2022 (11:45 am-12:45 pm)	7/1/2022 (5:30 pm - 6:30 pm)		
53		Disjunctive argument – its nature and rules of validity.	4/01/2022 (11:45 am-12:45 pm)	8/1/2022 (3:15 pm - 4:15 pm)		
54		Enthymeme- its meaning and types.	7/01/2022 (1:15 pm-2:15 pm)	8/12/2022 (4:15 pm - 5:15 pm) - extra		
55		Enthymeme- its meaning and types.	8/01/2022 (1:15 pm-2:15 pm)	13/1/2022 (11:45 am - 12:45 pm)		
56		Sorites -its meaning and nature	8/01/2022 (1:15 pm-2:15 pm) - extra	13/1/2022 (2:15 pm - 2:15 pm)		
57		Sorites - distinction between Aristotelian and Gocleniansorites.	10/01/2022 (11:45 am-12:45 pm)	14/1/2022 (12:15 pm - 1:15 pm)		
58		Exercise on Sorites	11/01/2022 (11:45 am-12:45 pm)	14/1/2022 (1:15 pm - 2:15 pm)		
59		Problem Solving classwork	14/01/2022 (1:15 pm-2:15 pm)	15/1/2022 (3:15 pm - 4:15 pm)		
60		Revision	15/01/2022 (1:15 pm-2:15 pm)	15/12/2022 (4:15 pm - 5:15 pm) - extra		

PSYCHOLOGY

Basic Course in Psychology I

References: 1. Baron, R. A. & Misra, G. (2014). Psychology: Indian Subcontinent Edition (5th ed). Pearson
 2. Baron, R.A. (2001). Psychology (1st Ed). Pearson Education
 3. Ciccarelli, S. K. & White, J. N. (2018). Psychology (5th ed.). Pearson India Education Services Pvt Ltd.
 4. Feldman, R. S. (2017). Understanding Psychology (12th ed.). McGraw Hill Education
 5. Lahey, B.B. (2012). Psychology: An Introduction (11th Ed.). Tata Mc Graw Hill Publishing Company Limited.
 6. Santrock, J.W. (2005). Psychology Essentials (2nd ed.). Tata Mc Graw Hill Publishing Company Limited.
 7. Smith, E.S., Nolen-Hoeksema, S., Fredrickson, B., & Loftus, G.R. (2006). Atkinson & Hilgards's Introduction to Psychology (14th Ed.- 4th Reprint). Thomson Business Information India Pvt. Ltd.

Lec no	Topic	References
	Unit I: Introduction and Biological Foundation	5
1	Introduction to the course	5
2	Psychology - definition and goals	5
3	Founding the Science of Psychology	5
4	Contemporary perspectives and specialty areas in psychology	5
5	What we know about human behavior: Some starting places	5
6	Explaining CA 1 guidelines	
7	Characteristics of the nervous system	5
8	Divisions of the nervous system	5
9	Central Nervous System	5
10	Peripheral Nervous System	5
11	Structures and functions of the brain	5
12	Forebrain: Cognition, motivation, emotion and action	5
	Endocrine system and its impact on behaviour	5
13	Questions on Unit 1	
	Unit II: Motivation	
14	Approaches to motivation	4
15	Approaches to motivation	4
16	Approaches to motivation	4, 3
17	Approaches to motivation	5
18	Biological motives - Hunger	5,1,2
19	Biological motives - Thirst	5,1,2
20	Biological motives - Sex	5,1,2
21	Biological motives - Other motives	5,1,2
22	Biological motives - Other motives	5,1,2
23	Psychological motives	5,1,2
24	Need for stimulation	5,1,2

25	Need for affiliation	5,1,2
26	Need for achievement	5,1,2
27	Aggression	5,1,2
28	Need for Competence, Power: In brief	5,1,2
29	Explaining CA 2 guidelines	
30	Questions on Unit 2	
	Unit III: Emotions	
31	The physiology of emotion	3
32	The behaviour of emotion: emotional expression	3
33	Subjective experience: labeling emotion	3
34	Early Theories of Emotions	3
35	Cognitive Theories of Emotion	3
36	Cognitive arousal theory	3
37	Cognitive mediational theory	3
38	Role of learning and culture in emotions	1
39	Explaining CA 3 guidelines	
40	The functions of emotions	3
41	Emotional Intelligence	2
42	Major components of emotional intelligence	2
43	EI: Evidence on its existence and effects	2
44	Questions on Unit 3	
45	Explaining SEE pattern	

Child Psychology (PSY-III.E-2)

Mandatory Reference:

Papalia, D. Olds, S. Feldman, R. (2004) Human development, Tata McGraw Hill, 9th edition

Additional Reading:

1. Berger, K and Thompson, R. (1998) The Developing person: Through The Life Span, New York, Worth publishers, 4th edition
2. Hurlock, E. (1978) Child Development, New Delhi, Tata McGraw Hill, 6th edition
3. Santrock, J. (2007) Child Development, New Delhi, Tata McGraw Hill, 11th edition
4. Schickendanz, J., Schickendanz D., Hansen, K. and Forsyth, P. (1993) Understanding Children, Mayfield Publishing Company, 2nd edition.

Lecture	Topic	Remarks
1	Introductory Class	introduction
	Unit I. Prenatal development and birth	
2	Conception	conception; germinal stage
3	Period of the zygote	embryo and fetal stage
4	Period of the embryo	discussion on whether a baby is a parasite, and the factors that influence pregnancy
5	Period of the fetus	video
6	Activity - Teratogens	group discussion on teratogens (fish bowl)
7	Prenatal environmental influences – Teratogens	PPT presentation
8	Prenatal environmental influences - Other Maternal Factors	Maternal diseases
9	Prenatal environmental influences - Other Maternal Factors	
10	Discussion of Assignment Topic	
11	Childbirth	approaches to childbirth
12	Approaches to Childbirth	approaches to childbirth
13	Birth complications	
14	Discussion of applied questions	
	CA 1: Assignment on Fertilization and Heredity	
	Unit II. Cognitive development	
15	Piaget's stages of Cognitive development	Sensorymotor stage
16	Piaget's stages of Cognitive development	Sensorymotor stage
17	Piaget's stages of Cognitive development	Sensorymotor stage
18	Piaget's stages of Cognitive development	Preoperational
	Piaget's stages of Cognitive development	Preoperational stage
19	Piaget's stages of Cognitive development	Concrete operational stage
20	Piaget's stages of Cognitive development	Formal operational stage
	Vygotsky's theory of Cognitive development	Vygotsky's theory
21	Vygotsky's theory of Cognitive development	Vygotsky's theory

22	Activity - Development of Language	CA 2 - PBL activity on Language Dev
23	Activity - Development of Language	CA 2 - PBL activity on Language Dev
24	Activity - Development of Language	CA 2 - PBL activity on Language Dev
25	Activity - Development of Language	CA 2 - PBL activity on Language Dev
26	CA 2: Written test	
27	Feedback on written test	
28	Unit III. Self and Social Understanding	
29	Emergence of self and development of self concept	
30	Emergence of self and development of self concept	
31	Self esteem	
	Self esteem	
32	Review of research (CA 4: for TY)	
33	Review of research (CA 4: for TY)	
34	Erikson's theory of Psychosocial development (4 stages)	
35	Erikson's theory of Psychosocial development (4 stages)	
36	CA 3: Role play	
37	CA 3: Role play	
38	CA 3: Role play	
39	CA 3: Role play	
40	Unit IV. The family	
41	Origins and functions of the family	
42	The family as a social system	
43	Socialization within the family	
	Group Discussion - living with my family for the rest of my life	
44	Vulnerable families	
45	Vulnerable families	
46	Vulnerable families	
47	Vulnerable families	
48	Vulnerable families	
49	Vulnerable families	
50	Videos on different types of families in India	
51	Videos on different types of families in India	
52	Revisiting Unit I	
53	Revisiting Unit I	
54	Revisiting Unit II	
55	Revisiting Unit II	
56	Revisiting Unit III	
57	Revisiting Unit III	
58	Revisiting Unit IV	

59	Revisiting Unit IV	
60	Orientation about examination	

Basic Course in Psychology I - Practical Component (PSY-I.C-9)

Mandatory Reference:

1. Anastasi , A. , Urbina, S.(2008). Psychological Testing. (7th Ed.). Pearson Education.
2. Ciccarelli, S. K. & White, J. N. (2018). Psychology (5th ed.). Pearson India Education Services Pvt Ltd
3. Cohen, J.R. , & Swerdlik, M.E.(2010). Psychological Testing and Assessment: An Introduction to Test and Measurements. (7th Ed.). Mc Graw-Hill Publishing International Edition Company Ltd.
4. Dandeker, W.N. (1999). Fundamentals in Experimental Psychology. Anmol Prakashan.
5. Hussain, A. (2014). Experiments in Psychology (1st ed.). PHI Learning
6. Mohanty, G. (1996). Experiments in Psychology. Kalyani Publishers

Week		Topic	Saturday 1.15-3.15	Saturday 10.45-12.45
1	24-09-2021	Introduction to Experimentation and Testing in Psychology	Introduction	
2	25-10-2021	Orientation to writing of report	Introduction	
3	01-10-2022	Strength of Motives	Introduction	
4	09-10-2022	Strength of Motives	Results and Discussion	Evaluation of videos of Strength of Motives
5	16-10-2021	Judgment of Emotions	Introduction	Evaluation of Results and Discussion of Strength of Motives
6	23-10-2021	Judgment of Emotions	Results and Discussion	Evaluation of videos of Judgment of Emotions
7	30-10-2021	Emotional Intelligence Test	Introduction	Evaluation of Results and Discussion of Judgment of Emotions
8	13-11-2021	Emotional Intelligence Test	Results and Discussion	Evaluation of videos of EI Test

9	20-11-2021	Attribution	Introduction	Evaluation of Results and Discussion of EI Test
10	27-11-2021	Attribution	Results and Discussion	Evaluation of videos of Attribution
11	04-12-2021	Compliance	Introduction	Evaluation of Results and Discussion of Attribution
12	11-12-2021	Compliance	Results and Discussion	Evaluation of videos of Compliance
13	18-12-2021	Attitude Scale	Introduction	Evaluation of Results and Discussion of Compliance
14	08-01-2022	Attitude Scale	Results and Discussion	Evaluation of videos of Attitude Scale
15	15-01-2022			Evaluation of Results and Discussion of Attitude Scale
16	22-01-2022	Submission of Files		Evaluation of Files

Experimental Psychology

Lecture	Topic		Evaluations
1+A3:A17	Introduction to the course		
	Unit I		
2	The Experimental Approach	Video	
3	Independent, Control and Dependent Variables	Video	
	Activity - frame a topic for experiment and identify		
4	IV, DV and CV in a true experiment		
5	Sharing and Feedback		
	Activity - frame a topic for experiment and identify		
6	IV, DV and CV - in a natural experiment		
7	Sharing and Feedback		
8	Types of experimental research	Video	
9	A single independent variable: two levels	Video	
	Activity - design two experiments using		
10	randomized and repeated measures design of one IV with two levels		
11	Sharing and Feedback		
12	Sharing and Feedback		
13	A single independent variable: more than two levels	Video	
	Activity - design two experiments using		
14	randomized and repeated measures design of 2 IV with two levels		
15	Sharing and Feedback		
16	Sharing and Feedback		
17	Two independent variables	Video	
18	Completely randomized designs; Completely repeated measures designs; Mixed designs	Video	
19	Contd. Completely randomized designs; Completely repeated measures designs; Mixed designs	Video	
	Activity - design an experiment with 2 IVs of		
20	Completely randomized designs; Completely repeated measures designs; Mixed designs		
21	Sharing and Feedback		
22	Sharing and Feedback		
23	Sharing and Feedback		
24	Sharing and Feedback		
	Problem Solving		CA1
26	Interaction in two factor experiments	Video	
	Unit II		
27	Selecting subjects from subject populations	Video	
28	Selecting stimuli from stimulus populations	Video	
29	Selecting conditions from trials or trial blocks	Video	
30	Counterbalanced Sequences	Video	
	Describing Data: Organising Data; Summarising		
31	Data	Video	

32	Normal Distribution and its Properties		
33	Selecting a Statistical Test: The Nature of the Research Question; Type of Experimental Design	Video	
34	Selecting a Statistical Test: Type of Measurement Used; Deciding Whether Your Data Are Parametric or Non-Parametric	Video	
35	Selecting a Statistical Test: The Nature of the Specific Hypothesis to be Tested; Deciding What Test to Use	Video	
36	Test		CA 2
	Unit III		
37	Pitfalls in designing the experiment: Choosing and Combining IV	Video	
38	Pitfalls in designing the experiment: Controlling the IV	Video	
39	Pitfalls in designing the experiment: Choosing DV	Video	
40	Pitfalls in running the experiment	Video	
41	Pitfalls in running the experiment	Video	
42	Pitfalls in data analysis	Video	
43	Pitfalls in data analysis	Video	
44	Pitfalls in interpreting the results	Video	
45	Pitfalls in interpreting the results	Video	
	Case Study		CA 3

ZOOLOGY

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao-Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO- III.E-7

Program: SY BSc

Division: -

Academic year: 2021- 2022

Semester: IV

Total Lectures: 15

Course Objectives:

Familiarize students and make them learn about the structural features of the components of the immune system as well as their functions, and understand the mechanisms involved in immune system development and responsiveness.

Expected Course Outcome: Understand the components of the immune system and their function.

- Be able to explain the mechanisms of immune response.
- Perform immunoassays to detect the presence of antigens or antibodies (disease detection).

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	3/03/22	31/03/22	04	<ul style="list-style-type: none"> • Antigenicity and immunogenicity, Immunogens, adjuvants and haptens • Factors influencing immunogenicity 	MCQ	Google meet, Power point presentation, CLAAP	David M, Jonathan B, David RB and Ivan R(2006). Immunology. VII Edition, Mosby, Elsevier Publication.
April	1/04/22	30/04/22	04	<ul style="list-style-type: none"> • B and T cell epitopes • Structure and function of different classes of Immunoglobulin. 	MCQ	Power point presentation, CLAAP	Abbas KA, Lechtman HA(2003). Cellular and Molecular Immunology. Saunders Publication.
May	2/05/22	31/05/22	04	<ul style="list-style-type: none"> • Antigen-Antibody interactions • Immunoassays, monoclonal & polyclonal antibodies 	SAQ	Power point presentation, CLAAP	
June	1/06/22	30/06/22	03	<ul style="list-style-type: none"> • Structure and function of endogenous and exogenous pathways of antigen presentation 	SAQ	Power point presentation, CLAAP	Kindt TJ, Goldsby RA, Osborne BA and Kuby J(2006). Immunology. VI edition. W H Freeman and company.

*** Assessment Rubrics**

Component	Max Marks
ISA 1	30
ISA 2	30
Practical	25
Project	-
Semester End Exam	75

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO – III.E-1

Program: SY BSc

Division: -

Academic year: 2021 - 2022

Semester: III

Total Lectures: 15

Course Objectives:

- To familiarize students with the techniques of waste management.
- To encourage students to get hands on experience of waste management.
- To help students understand the importance of reducing reusing and recycling.

- Expected Course Outcome: To familiarize students with the techniques of waste management.
- To encourage students to get hands on experience of waste management.
- To help students understand the importance of reducing reusing and recycling.

Student Learning Outcome:

- Understand concept of waste, its transport and disposal.
- Perform composting techniques/procedures.
- Identify means of reducing waste production.
- Plan and conduct research in areas of waste management.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
Oct	11/10/21	31/10/21	2	<ul style="list-style-type: none"> Vermicomposting – Earthworms – biology, life cycle and feeding. Small scale earthworm farming for home gardens. Predator/pathogen control 	MCQ, Poster presentation, E-portfolio	Google meet, PPT, CLAAP	<p>Ganguly B., Sinha A., Adhikari S. & Goswami B. (2016). <i>Biology of Animals</i> (Volume I) London: New Central Book Agency (P) Ltd.</p> <p>Jordan E.L. & Verma P. S. (2017). <i>Invertebrate Zoology</i>. New Delhi: S. Chand Publications.</p> <p>Prasad S.V., Ramesh A., Patidar C.P. (2016). <i>Soil Science</i>. New Vishal Publications.</p> <p>Manaig Elena M (2016). Vermicomposting Efficiency and Quality of</p>
			3	<ul style="list-style-type: none"> Types of Earthworms- Morphological and ecological grouping – Epigeic, Anecic and Endogeic species Nutrient vale of Vermicompost 			

Nov - Jan	1/11/21	10/01/22		<ul style="list-style-type: none"> • Maintenance of composting • Collection of vermicompost • Marketing the products of vermiculture 		Vermicompost with Different Bedding Materials and Worm Food Sources as Substrate. <i>Research journal of Agriculture and Forestry Sciences</i> . Vol.4(1),1-3.
			1	New rules in waste management		
			2	e poster		
			3	Vermicomposting		
			2	Handmade paper		
			2	eportfolio		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	20
ISA 2	20
Practical	-
Project	-
Semester End Exam	60

Lecture Plan							
Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao-Goa							
Name of Faculty: Ms. Shalma Mascarenhas				Subject: Zoology			
Paper code: ZOO- II.C-4			Program: FY BSc			Division:	
Academic year: 2021 - 2022			Semester: II			Total Lectures: 30	
<p>Course Objectives: This course is intended to provide solid understanding of concepts and principles of genetics as it applies to animals and humans. Students will receive good foundation of chromosome structure, its aberrations and inheritance patterns of traits and disease which will help one to develop conceptual skills to address questions in genetic research.</p>							
<p>Expected Course Outcome: Describe the basic structure of genes and chromosomes.</p> <ul style="list-style-type: none"> • Relate an organism's genotype and phenotype and explain the role of genes in inheritance. • Understand the reason why a given genotype does not always result in the same phenotype • Demonstrate knowledge of genetic principles and their application in society • Construct and analyze pedigrees to determine mode of inheritance of disorders and traits. 							
Student Learning Outcome:							
Month	Lecture From	Lecture To	No. of lect	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books

			allotted				
March	3/03/22	31/03/22	10	<ul style="list-style-type: none"> • Chromosome morphology- • Heterochromatin and euchromatin • Chromosome structure and organization. • Human chromosomes and karyotype. • Numerical aberrations: Types- Aneuploidies and Euploidies, Mosaicism, Numerical aberrations in humans 	MCQ	Google meet/Power point presentation / CLAAP	<p>Gardner EJ, Simmons MJ and Snustad DP (2013): Principles of Genetics, Eighth Edition, John Wiley Publication, Singapore.</p> <p>De Robertis EDP, De Robertis EMF (2012): Cell and Molecular Biology, Eighth Edition. Wolter Kluwer Publication, Philadelphia.</p> <p>Singh BD (2014): Fundamentals of Genetics. Second Edition, Kalyani Publishers, New Delhi.</p> <p>Lewis R (2009): Human Genetics, Concepts and Applications, Seventh</p>
April	1/04/22	30/04/22	08	<ul style="list-style-type: none"> • Structural Abnormalities: Types-Deletions, inversions, Translocations, duplications. Structural aberrations in humans. • characteristics of mutations • classification of mutations (Spontaneous, Induced) • molecular basis of mutations 	SAQ		
May	2/05/22	31/05/22	08	<ul style="list-style-type: none"> • Mutagens – physical and chemical • Environmental Sex Determination – hormonal, egg size, incubation temperature. 	PPTS		

				<ul style="list-style-type: none"> • Chromosomal sex determination - XX and XO , XO and XX , ZW and ZZ , XX and XY , Diploid female and Haploid male, single gene effect. 			Edition. McGraw-Hill International Edition, New York
June	1/06/22	18/06/22	04	<ul style="list-style-type: none"> • Molecular basis of sex determination: Geneic imbalance, Sex index, Intersex and gynandomorphs, X/A Ratio. • Sex determination by Y linked genes, Dosage compensation, X-inactivation 	PPTS		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	30
ISA 2	30
Practical	25
Project	-
Semester End Exam	45

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO-II.C-04

Program: FY BSc

Division:

Academic year: 2021 - 2022

Semester: II

Total Practicals/Labs: 12

Credits: 01

Course Objectives: This course is intended to provide solid understanding of concepts and principles of genetics as it applies to animals and humans. Students will receive good foundation of chromosome structure, its aberrations and inheritance patterns of traits and disease which will help one to develop conceptual skills to address questions in genetic research.

Expected Course Outcome: Describe the basic structure of genes and chromosomes.

- Relate an organism's genotype and phenotype and explain the role of genes in inheritance.
- Understand the reason why a given genotype does not always result in the same phenotype
- Demonstrate knowledge of genetic principles and their application in society
- Construct and analyze pedigrees to determine mode of inheritance of disorders and traits.

Student Learning Outcome:

Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
March	12/03/22	01	Verification of Mendel's laws- monohybrid cross	
	19/03/22	01	Verification of Mendel's laws- Dihybrid cross	
March April	26/03/22	04	Manual karyotyping of human chromosome plates	
	9/04/22			
	16/04/22			
	23/04/22			
April	30/04/22	01	Drosophila culture technique	
May	7/05/22	01	Study of Mutants of Drosophila	
	14/05/22	02	Exercises for Multiple alleles and Multiple genes	
	21/05/22			
	28/05/22	01	Construction of pedigrees	
	4/06/22	01	Analysis and interpretation of Pedigrees	

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)

Name of Faculty: Ms. Filomena Pereira

Subject: Fish Preservation and Processing

Paper code: ZOO-V.E-12

Program: T.Y.B.Sc.

Division: -

Academic year: 2021- 2022

Semester: V

Total Lectures: 30

Course Objectives: This course is intended to understand the processes of fertilization, polyspermy and activation of egg metabolism. To know the basics of animal development, specifically in sea urchin and chick. To be familiar with the processes that help in the establishment of basic plan of development.

Expected Course Outcome:

Student Learning Outcome:

CO1: Understand the basic plan of animal development.

CO2: Know the processes which occur during the course of development in invertebrates and vertebrates.

CO3: Have the basic knowledge of developmental biology.

CO4: Know the concepts associated with development of embryo.

Month	Practical from	Practical to	No. of practicals allotted	Topic to be covered	Exercise	ICT tools	Reference
October	11/10/2021	25/10/2021	03	<ol style="list-style-type: none"> 1. Preparation of fish fillet 2. Fish preservation methods 3. Fish preservation methods 	Prelab	-	Journal
November	08/11/2021	22/11/21	04	<ol style="list-style-type: none"> 4. Study of ectoparasites in fishes 5. Study of endoparasites in fishes 6. PA1 7. Study of moisture and ash content in fish 	Prelab	-	Journal
December	06/12/2021	20/12/21	03	<ol style="list-style-type: none"> 8. Estimation of proteins in fish 9. PA2 10. Estimation of lipids in fish 	Prelab	-	Journal
January	03/01/2022	15/01/2022	05	<ol style="list-style-type: none"> 11. Field trip 12. Field trip 13. Field trip 14. Field trip 15. PA3 	Prelab	-	-

Practical Plan

Name of Faculty: Ms. Shalma Mascarenhas

Paper code: ZOO-I.C-2

Program: FY BSc

Academic year: 2021 - 2022

Semester: I

Total lectures : 12

Credits: 01

Course Objectives: This course will give firm and rigorous foundation in the principles of modern molecular and cellular biology. It discusses the fundamental processes that enable cells to grow, move and communicate and will cover topics such as cell architecture, cell chemistry, cell division, functions and cell cycle. Students will also learn current molecular biological techniques that are used to study cell biology. Laboratories will focus both on exercises that help illustrate cellular phenomena, as well as on the introduction of techniques and procedures commonly utilized in modern cell and molecular biology research.

Expected Course Outcome: This course will give firm and rigorous foundation in the principles of modern molecular and cellular biology. It discusses the fundamental processes that enable cells to grow, move and communicate and will cover topics such as cell architecture, cell chemistry, cell division, functions and cell cycle. Students will also learn current molecular biological techniques that are used to study cell biology. Laboratories will focus both on exercises that help illustrate cellular phenomena, as well as on the introduction of techniques and procedures commonly utilized in modern cell and molecular biology research.

Student Learning Outcome: Upon successful completion of the course, students will be able to:

- Develop deeper understanding of what life is and how it functions at cellular level.
- Describe cellular membrane structure and function, fine structure and function of cell organelles.
- Perform a variety of molecular and cellular biology techniques.

Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments
October	16/10/2021 23/10/2021	2	Introduction to lab techniques – Pipetting, preparation of buffers and solutions, lab equipments (use and maintenance), acquaintance with general laboratory practices.
October November November	30/10/2021 13/11/2021 20/11/2021	3	Cytochemistry: localisation of proteins, carbohydrates and fats using different stains.
November	27/11/2021	1	Comparison of membrane permeability – Cellophane and chick intestine.
November	27/11/2021	1	Osmotic studies – using Human Red blood cells
December	4/12/2021 4/12/2021 11/12/2021	3	Permanent slides Mitotic stages Meiotic stages (mounting from grasshopper testes) Histology – study of different cell types (animal cells)
December	18/12/2021	1	Technique of Agarose gel electrophoresis (observation of technique)
January	8/1/2022	1	Protein study – SDS-PAGE (observation of technique)

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO-V.E-11

Program: TY BSc

Division:

Academic year: 2021 - 2022

Semester: V

Total Practicals/Labs: 12

Credits: 01

- **Course Objectives:** To study distribution of organisms, their interrelations in populations and communities and interactions between biotic and abiotic components.
- To study impact of anthropogenic activities on ecosystem and study behaviour of organisms under natural conditions.

- **Expected Course Outcome:** To study distribution of organisms, their interrelations in populations and communities and interactions between biotic and abiotic components.
- To study impact of anthropogenic activities on ecosystem and study behaviour of organisms under natural conditions.

Student Learning Outcome:

- Student will gain better understanding in ecology and ethology.
- This course also has applied value towards conservation of biodiversity and sustainable development.

Month	Practicals/Labs Scheduled Date	No. of Practicals/Labs planned	List of Experiments	Reference books

October	16/10/2021 23/10/2021	2	Determination of population density in a natural/hypothetical community by Quadrant method and calculation of Shannon-Weiner diversity index for the same community.	Arora, Mohan. P. (2004) : Ecology , Himalaya Publishing House Mathur Reena (1994) : Animal Behaviour, Rastogi and Company, Meerut-250002 India.
October November November November	30/10/2021 13/11/2021 16/11/2021 20/11/2021	4	Study of an aquatic/ mangrove ecosystem: Measurement of the area, temperature, turbidity, determination of pH , dissolved oxygen content (Wrinkler's method) and free CO ₂ .	
November	27/11/2021	1	To study the habituation to light stimulus in earthworm/ crabs/snails/spider web.	
December	4/12/2021	1	To demonstrate phototactic and geotactic responses of the animal provided earthworm/crabs.	
	11/12/2021	1	Study of Life Tables and plotting of survivorship curves of different types from the hypothetical/real data provided.	
December January	18/12/2021 8/1/2022 8/1/2022	3	Report on a visit to National park/ Biodiversity parks/ Wild life Sanctuary.	

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science(Autonomous)

Name of Faculty: Ms. Gautami Manakikar

Subject: Cell and molecular biology

Paper code: ZOO-I.C-2

Program: FY BSc

Division: -

Academic year: 2021- 2022

Semester: I

Total Lectures: 15

Course Objectives: This course is intended to provide solid understanding of concepts and principles of cell and molecular biology as it applies to animals and humans. On successful completion of the course the students will be able to understand the ultra-structure of each cell organelle and their functions. This course will also help students to perform variety of molecular and cellular biology techniques

Expected Course Outcome:

Student Learning Outcome:

CLO1: Have an understanding of cell, it's organelles and their function.

CLO2: Demonstrate deeper understanding of what 'life is and how it functions at cellular level.

CLO3: Contrast cellular membrane structure and function, fine structure and function of cell organelles.

CLO4: Perform a variety of molecular and cellular biology techniques.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	01/10/2021	28/10/2021	08	1. Introduction	Multiple Choice Question	Google meet, Powerpoint presentation, Moodle	1. Alberts B, Hopkins, Lewis J, Raff M, Robertis K, Walter P (2014): Essential Cell Biology, Fourth Edition, Garland Science Taylor & Francis Group, UK. 2. Lodish H, Berk A, Kaiser CA, Krienger M, Scott MP, Anthony, Bretscher A, Amon A. Scott MP (2013): Molecular Cell Biology, Seventh
			2. Light microscopy				
			3. Light microscopy				
			4. Electron microscopy				
			5. Histological techniques				
			6. Cell fractionation				
			7. Gel electrophoresis				
			8. Chromatography				
			9. Chemical bonds	Gobbet			
			10. Noncovalent bonds				
			11. Micro and macromolecules				
November	11/11/2021	25/11/2021	04				12. Carbohydrates
December	02/12/2021	16/12/2021	03	13. Carbohydrates	Gobbet		
			14. Lipids				
			15. Nucleic acids				

Edition, W.
H.
Freeman and
Company
New York.

*** Assessment Rubrics**

Component	Max Marks
CA1	30
CA 2	30
Practical	25
Project	-
Semester End Exam	45

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science(Autonomous)

Name of Faculty: Ms. Gautami Manakikar

Subject: SEC-Waste management techniques

Paper code: ZOO-III.SEC-1

Program: SY BSc

Division: -

Academic year: 2021- 2022

Semester: IV

Total Lectures: 15

Course Objectives:

- To familiarize students with the techniques of waste management.
- To encourage students to get hands on experience on techniques of managing waste.
- To help students understand the importance of reducing, reusing and recycling

Student Learning Outcome:

- CO1: Understand concept of types of waste, its transport and disposal.
CO2: Perform composting techniques / procedures.
CO3: Identify means of reducing waste production.
CO4: Plan and conduct research in areas of waste management.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	12/03/2022	26/03/2022	02	1.Sewage treatment 2.Medical waste	1. Poster presentation	Powerpoint presentation, Moodle	1. Singh, J & Saxena, & Bharti, A & Singh, Jaspal. (2018). The Importance of Waste Management to Environmental Sanitation: A Review. 202-207. 10.15515/abr.0976-4585.9.2.202207. 2. Da Zhu, P. U. (2008). Improving Municipal Solid Waste. Washington, D.C.: The World Bank. 3. Pleasant, B. (2012, november). how to make compost. Retrieved from mother earth news: https://www.motherearthnews.com/organicgardening/gardening-techniques/how-to-make-compostzm0z12onzsor
April	01/04/2022	29/04/2022	05	3.Bioremediation 4. Sanitary landfill 5.E-waste management 6.New Waste management rules of Govt 7.Poster presentation	2. Multiple Choice Questions		
May	06/05/2022	27/05/2022	05	8.Vermicomposting 9.Vermicomposting 10.Vermicomposting 11.Organic composting 12.Community Outreach activity	3.E-Portfolio		
June	03/06/2022	17/06/2022	03	13.Community Outreach activity 14.E-portfolio 15.E-Portfolio			

Component	Max Marks
CA1	20
CA 2	20
Practical	-
Project	-
Semester End Exam	60

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)

Name of Faculty: Ms. Filomena Pereira

Subject: Animal Diversity: Non Chordates

Paper code: ZOO-I.C-1

Program: F.Y.B.Sc.

Division: -

Academic year: 2021- 2022

Semester: I

Total Lectures: 45

Course Objectives: This course is intended to make students familiar with the different non-chordate phyla. The students will know the general and distinguishing characters of each of them and will study how the different systems evolved in their complexity. To compare and contrasts the life processes in different phyla.

Expected Course Outcome:

Student Learning Outcome:

CO1: Be familiar with identification of the non-chordates from chordates.

CO2: Identify the invertebrates and classify them upto the class level.

CO3: Understand the basis of life processes in the non- chordates.

CO4: Able to appreciate the process of evolution and understand how it progressed from simple, unicellular cells to complex, multicellular organisms.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	04/10/2021	29/10/2021	11	1. Introduction	Assignment	Google meet, Powerpoint presentation, Moodle	Verma, P.S., (2002). <i>Invertebrate Zoology</i> . S. Chand Publication, India.
				2. Non Chordate evolution and diversity			
				3. Taxonomy			
				4. Phylogeny of animals			
				5. Invertebrate cladogram			
				6. Protista			
				7. General characters of Porifera and classification			
				8. General characters of Cnidaria			
				9. Classification of Phylum Cnidaria			
				10. General characters of Platyhelminthes			
				11. Classification of Phylum Platyhelminthes			
				November			

				13. Classification of Aschelminthes	
				14. General characters of Annelida	
				15. Classification of Annelida	
				16. General characters and classification of Onychophora	MCQ
				17. General characters of Phylum Arthropoda	
				18. Classification of Phylum Arthropoda	
				19. General characters Phylum Mollusca	
				20. Classification of Phylum Mollusca	
December	01/12/2021	23/12/2021	11	21. General characters Phylum Echinodermata	SAQ
				22. Classification of Phylum Echinodermata	
				23. General characters and classification of	

			Phylum Hemichordata		
			24. Nutrition among invertebrates		
			25. Nutrition among invertebrates		
			26. Nutrition among invertebrates		
			27. Sensory organs among invertebrates		
			28. Sensory organs among invertebrates		
			29. Neural control and coordination among invertebrates		
			30. Neural control and coordination among invertebrates		
			31. Blood vascular system	OBE	
January	05/01/2022	15/01/2022	32. Blood vascular system		
			33 Exoskeleton		
			34. Endoskeleton		
			35. Locomotion		
			36. Muscular system		
			37. Excretion		
			38. Excretion		

			39. Respiration		
			40. Respiration		
			41. Reproduction		
			42. Reproduction		
			43. Development		
			44. Development		
			45. Revision		

*** Assessment Rubrics**

Component	Max Marks
CA1	30
CA 2	30
Practical	25
Project	-
Semester End Exam	45

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)

Name of Faculty: Ms. Filomena Pereira

Subject: Diversity and Biological systems of Chordates

Paper code: ZOO-II.C-3

Program: F.Y.B.Sc.

Division: -

Academic year: 2021- 2022

Semester: II

Total Practicals: 15

Course Objectives: This course is intended to make students familiar with the different Chordate phyla. To know the general and distinguishing characters of each of them. To compare and contrast the major biological systems amongst them.

Expected Course Outcome:

Student Learning Outcome:

CO1: Be familiar with identification of the non-chordates from chordates with justification.

CO2: Identify the different chordates upto the order.

CO3: Understand the functioning and mechanism of the various biological systems in the chordates.

CO4: Able to appreciate the process of evolution of chordates from non chordates and understand how it progressed from simple vertebrates to highly complex vertebrates.

Month	Practicals from	Practical to	No. of practicals allotted	Experiment to be covered	Exercise/ Assignment	ICT tools	Reference books
March	10/03/2022	31/03/2022	04	1.	Prelab	-	Verma P.S., (2021). A manual of practical Zoology <i>Chordates</i> . S. Chand Publications, India.
April	07/04/2022	28/04/2022	03	2.	Prelab	-	Verma P.S., (2021). A manual of practical Zoology <i>Chordates</i> . S. Chand Publications, India.
May	05/05/2022	26/05/2022	04	3.	Prelab	-	Verma P.S., (2021). A manual of practical Zoology <i>Chordates</i> . S. Chand Publications, India.
June	02/06/2022	16/06/2022	04	4.	Prelab	-	Verma P.S., (2021). A manual of

							practical Zoology <i>Chordates</i> . S. Chand Publications, India. Chand Publications, India.
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Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO – III.E-1

Program: SY BSc

Division: -

Academic year: 2021 - 2022

Semester: IV

Total Lectures: 15

Course Objectives:

- To familiarize students with the techniques of waste management.
- To encourage students to get hands on experience of waste management.
- To help students understand the importance of reducing reusing and recycling.

- Expected Course Outcome: To familiarize students with the techniques of waste management.
- To encourage students to get hands on experience of waste management.
- To help students understand the importance of reducing reusing and recycling.

Student Learning Outcome:

- Understand concept of waste, its transport and disposal.
- Perform composting techniques/procedures.
- Identify means of reducing waste production.
- Plan and conduct research in areas of waste management.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	11/03/22	25/03/22	1	<ul style="list-style-type: none"> Vermicomposting – Earthworms – biology, life cycle and feeding. 	MCQ, Poster presentation , E-portfolio	Google meet, PPT, CLAAP	<p>Ganguly B., Sinha A., Adhikari S. & Goswami B. (2016). <i>Biology of Animals</i> (Volume I) London: New Central Book Agency (P) Ltd.</p> <p>Jordan E.L. & Verma P. S. (2017). <i>Invertebrate Zoology</i>. New Delhi: S. Chand Publications.</p> <p>Prasad S.V., Ramesh A., Patidar C.P. (2016). <i>Soil Science</i>. New Vishal Publications.</p> <p>Manaiç Elena M (2016). Vermicomposting Efficiency and Quality of</p>
			1	<ul style="list-style-type: none"> Types of Earthworms- Morphological and ecological grouping – Epigeic, Anecic and Endogeic species 			
April	1/04/22	16/04/22	2	<ul style="list-style-type: none"> Nutrient value of Vermicompost Maintenance of composting Collection of vermicompost Marketing the products of vermiculture 			

April	18/04/22	30/04/22	1	<ul style="list-style-type: none"> • Small scale earthworm farming for home gardens. • Predator/pathogen control 		Vermicompost with Different Bedding Materials and Worm Food Sources as Substrate. <i>Research journal of Agriculture and Forestry Sciences</i> . Vol.4(1),1-3.
			1	New rules in waste management		
May	2/05/22	31/05/22	2	e poster		
			3	Vermicomposting		
June	1/06/22	17/06/22	2	Handmade paper		
			2	eportfolio		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	20
ISA 2	20
Practical	-
Project	-
Semester End Exam	60

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao- Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO- III.E-4

Program: SY BSc

Division: -

Academic year: 2021 - 2022

Semester: III

Total Practicals/Labs: 12

Credits: 01

Course Objectives:

- To be familiar with the parasite host interactions.
- To gain knowledge on diagnosis of parasite infections and also to learn about the preventive measures.

Expected Course Outcome:

Student learning outcome: Learner will be acquainted with dimensions of public health, parasitic diversity, epidemiology and community prophylaxis.

Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
October	13/10/2021 21/10/2021 28/10/2021	06	Study of Parasitic adaptations in <i>Trypanosoma gambiens</i> , <i>Entamoeba histolytica</i> , <i>Plasmodium vivax</i> , <i>Trichomonas vaginalis</i> , <i>Fasciola hepatica</i> , <i>Taenia solium</i> , <i>Ancylostoma duodena</i> , <i>Dracanculus medinensis</i> , <i>Ascaris lumbricoids</i> , <i>Wuchereria bancrofti</i> , Copepod, Barnacle, Amphipod, Isopod from permanent slides.	<ul style="list-style-type: none"> Chatterjee, K.D. (2009) Parasitology (Protozoology and Helminthology) with two hundred fourteen illustrations. CBS, 13th edition. Paniker, J.C.K. (2018) Textbook of medical parasitology. Jaypee Brothers, New Delhi.
November	11/11/2021 18/11/2021 25/11/2021			
December	2/12/2021	01	Preparation of peripheral blood smear from the perspective of detection of haemoparasites	
December	9/12/2021 13/12/2021 16/12/2021	04	Study of parasites of domestic livestock	
January	3/1/2022			
January	6/1/2022	01	Study of fish parasites	

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao-Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO- III.E-8

Program: SY BSc

Division: -

Academic year: 2021- 2022

Semester: IV

Total Lectures: 15

Course Objectives: The study aims to discover the history of life and the causes of the diversity and characteristics of organisms.

- To show the important contributions of evolutionary biology to other biological disciplines such as medicine.

Expected Course Outcome: The study will give detail knowledge about many unsolved hypothetical issues to solve it.

- The student will learn that evolution is not a speculation , but a thoroughly supported hypothesis that explains the process of evolution

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	02/03/2022	31/03/2022	05	NON- DARWINISM <ul style="list-style-type: none"> • Neutral theory of evolution • Molecular polymorphism-nucleic acids and proteins • Molecular clocks 2.2: SPECIATION <ul style="list-style-type: none"> • different concepts of speciation • Concept Of Biological Speciation(Allopatric/Sympatric) 	MCQ	Google meet, Power point presentation, CLAAP	Douglas J. Futuyma(2013) Evolution IIIrd edition; Sinaue Associates,Inc.Publishers Sunderland , Massachusetts U.S.A. E.Peter Volpe(1989) Understanding Evolution Vth edition Universal Book Stall.
April	1/04/2022	30/04/2022	03	<ul style="list-style-type: none"> • Consequence Of Speciation • Factors involved in Biological Speciation(pre and post- zygotic mechanisms) 	MCQ		S.Osawa ,T.Honjo(Eds.)(1991) Evolution of life, Springer-Verlag Tokyo .
May	2/05/2022	31/05/2022	04	<ul style="list-style-type: none"> • Hardy Weinberg's Law(H-W) • Genes And Genotype Frequencies • Factors Affecting H-W 	SAQ		Savage Jay M (1969) Evolution , Amerind Publishing Co-Pvt. Ltd. New Delhi.

June	1/06/2022	18/06/2022	03	<ul style="list-style-type: none"> • Definition and kinds of adaptations with some examples. • Pre , Post adaptation • Coadaptations and Parallel adaptations 	SAQ		
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*** Assessment Rubrics**

Component	Max Marks
ISA 1	30
ISA 2	30
Practical	25
Project	-
Semester End Exam	75

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO-III.E-8

Program: SY BSc

Division:

Academic year: 2021 - 2022

Semester: IV

Total Practicals/Labs: 12

Credits: 01

Course Objectives: The study aims to discover the history of life and the causes of the diversity and characteristics of organisms.

- To show the important contributions of evolutionary biology to other biological disciplines such as medicine.

Expected Course Outcome: The study will give detail knowledge about many unsolved hypothetical issues to solve it.

- The student will learn that evolution is not a speculation , but a thoroughly supported hypothesis that explains the process of evolution.

Student Learning Outcome:

Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
March	10/03/22	01	Study of homology and analogy from suitable specimens	
March	17/03/22	01	Serial homology	
March	24/03/22	01	Variations are basis for evolution	

March	31/03/22			
April	7/04/22	02		To demonstrate the role of Natural Selection in Fixing Favoured Adaptation and Eliminating Maladaptation.
April	21/04/22			
May	28/04/22			
May	5/05/22			
	12/05/22	04		Problems based on Population Genetics (PTC /blood group)
May	19/05/22			
	26/05/22	02		An exercise to illustrate the concepts of Genetic drift
June	1/06/22	01		Vestigial organs or Vestiges in animals and humans.

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)

Name of Faculty: Ms. Filomena Pereira

Subject: Animal Diversity: Non Chordates

Paper code: ZOO-I.C-1

Program: F.Y.B.Sc.

Division: -

Academic year: 2021- 2022

Semester: I

Total Lectures: 45

Course Objectives: This course is intended to make students familiar with the different non-chordate phyla. The students will know the general and distinguishing characters of each of them and will study how the different systems evolved in their complexity. To compare and contrasts the life processes in different phyla.

Expected Course Outcome:

Student Learning Outcome:

CO1: Be familiar with identification of the non-chordates from chordates.

CO2: Identify the invertebrates and classify them upto the class level.

CO3: Understand the basis of life processes in the non- chordates.

CO4: Able to appreciate the process of evolution and understand how it progressed from simple, unicellular cells to complex, multicellular organisms.

Month	Practical from	Practical to	No. of practicals allotted	Topic to be covered	Exercise/ Assignment	ICT tools	Reference books
October	22/10/2021	29/10/2021	02	<ol style="list-style-type: none"> 1. Introduction and Phylum Porifera 2. Phylum Cnidaria and Platyhelminthes 	Prelab	Presentation	Verma P.S., (2016). <i>A manual of practical Zoology Invertebrates</i> . S. Chand Publications, India.
November	12/11/21	26/11/21	07	<ol style="list-style-type: none"> 3. Phylum Aschelminthes and Annelida 4. Phylum Arthropoda 5. Phylum Mollusca 6. Phylum Echinodermata and Hemichordata 7. Larval forms of Arthropods 8. Larval forms of Echinoderms and Observation of permanent slides 	Prelab		Verma P.S., (2016). <i>A manual of practical Zoology Invertebrates</i> . S. Chand Publications, India.

				9. Observation of permanent slides			
December	01/12/21	17/12/21	05	10. Cockroach mouthparts 11. PA1 12. Prawn appendages 13. PA2 14. Field trip	Prelab		Verma P.S., (2016). <i>A manual of practical Zoology Invertebrates</i> . S. Chand Publications, India.
January	03/01/22	07/01/22	01	15. PA3			

Evolutionary Biology Theory Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous) Margao Goa

Name of Faculty: Ms. Mithali Halarnkar

Subject: Zoology

Paper code: ZOO-IV-E-8

Program: SY BSc

Division:

Academic year: 2021- 2022

Semester: IV

Total Lectures: 30

Course Objectives:

- ☑ The study aims to discover the history of life and the causes of the diversity and Characteristics of organisms.
- ☑ To show the important contributions of evolutionary biology to other biological disciplines such as medicine

Expected Course Outcome: Upon successful completion of the course, students will be able to:

- CO1: Understand the concepts of evolutionary processes.
- CO2: Understand mechanism of evolution.
- CO3: Able to correlate adaptations in organisms to evolutionary sequences.
- CO4: Correlate evolutionary phenomena with population genetics.

Month	Lecture	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	04/03/2022	1	MODULE 1: EVOLUTIONARY BIOLOGY:AN OVERVIEW What Is Evolution, History Of Evolutionary Biology,		Power point presentation/	Bipin Kumar(2001) Organic Evolution; Campus Books International, New

	05/03/2022	1	EVOLUTIONARY BIOLOGY overview: Pre Darwinian, Darwin's Evolutionary Theory, Evolutionary Theories After Darwin		Moodle LMS/ youtube videos	Delhi.
	11/03/2022	1	EVOLUTIONARY BIOLOGY overview: Famous contributions to evolutionary Biology: Carl Linneaus, Lamarck, Malthus			Charlotte J. Avers (1989)Process and pattern in Evolution ; New York Oxford University Press.
	12/03/2022	1	EVOLUTIONARY BIOLOGY overview: Famous contributions to evolutionary Biology: Darwin, Thomas Huxley, R. A. Fisher Haldane			Douglas J. Futuyma(2013) Evolution III rd edition; Sinaue Associates,Inc.Publi shers Sunderland , Massachusetts U.S.A.
	19/03/2022	1	EVOLUTIONARY BIOLOGY overview: Famous contributions to evolutionary Biology:, Sewall Wright, G. G Simpson , Dobzanhasky, Ernst Mayr, M. Kimura			E.Peter Volpe(1989) Understanding Evolution V th edition Universal Book Stall.
	25/03/2022	1	THE NATURAL SELECTION: The Nature of Natural Selection			S.Osawa ,T.Honjo(Eds.)(199 1) Evolution of life,Springer-Verlag Tokyo .
	26/03/2022	1	THE NATURAL SELECTION: Postulates of natural selection			
April	01/04/2022	1	THE NATURAL SELECTION: Evidences of Natural selection			
	08/04/2022	1	THE NATURAL SELECTION: Types of natural selection			
	09/04/2022	1	THE NATURAL SELECTION: Natural Selection in action(Darwin's finches, Endler's guppies examples)			
	16/04/2022	1	THE NATURAL SELECTION: Sexual Selection			
	22/04/2022	1	RANDOM PROCESS IN EVOLUTION: Mutation : types of mutation			
	23/04/2022	1	RANDOM PROCESS IN EVOLUTION: Genetic drift(bottle neck effect, founder's			

			effect)		
	29/04/2022	1	RANDOM PROCESS IN EVOLUTION: Gene flow(migration/emmigration		
	30/04/2022	1	SYNTHETIC THEORY OF EVOLUTION - Neo-Darwinis		
May	06/05/2022	1	PATTERNS OF EVOLUTION: Sequential Evolution		
	07/05/2022	1	PATTERNS OF EVOLUTION: Convergent Evolution		
	13/05/2022	1	PATTERNS OF EVOLUTION: Microevolution		
	14/05/2022	1	PATTERNS OF EVOLUTION: Macroevolution (Adaptive radiation)		
	20/05/2022	1	PATTERNS OF EVOLUTION: Megaevolution		
	21/05/2022	1	PATTERNS OF EVOLUTION: Megaevolution		
	27/05/2022	1	PATTERNS OF EVOLUTION: Gradualism Equilibrium		
	28/05/2022	1	PATTERNS OF EVOLUTION: Punctuated Equilibrium		
June	03/06/2022	1	EVOLUTION AND HUMAN HEALTH AND DISEASES: Design defects		
	04/06/2022	1	EVOLUTION AND HUMAN HEALTH AND DISEASES: Defence mechanisms -Allergy		
	10/06/2022	1	EVOLUTION AND HUMAN HEALTH AND DISEASES: Defence mechanisms - morning sickness		
	11/06/2022	1	EVOLUTION AND HUMAN HEALTH AND DISEASES: Evolution of antibiotic resistance		
	17/06/2022	1	EVOLUTION AND HUMAN HEALTH AND DISEASES: Evolution of antibiotic resistance		
					<p>Savage Jay M (1969) Evolution , Amerind Publishing Co-Pvt. Ltd. New Delhi.</p> <p>7. Veer Bala Rastogi (2004) Organic Evolution ,Eleventh revised edition; Kedarnath Ramnath Delhi.</p> <p>Pranab K. Banerjee (2011) Problems on Genetics,Molecular Genetics and Evolutionary Genetics, New Central Book Agency (P) Ltd. Delhi</p>

	18/06/2022	1	EVOLUTION AND HUMAN HEALTH AND DISEASES: Evolution of behaviour, Anxiety			
Extra lecture		1	EVOLUTION AND HUMAN HEALTH AND DISEASES: fear and depression			

*** Assessment Rubrics**

Component	Max Marks
ISA 1	
ISA 2	
Practical	
Project	
Semester End Exam	

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao-Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO- V.E-11

Program: TY BSc

Division:

Academic year: 2021 - 2022

Semester: V

Total Lectures: 45

Course Objectives: To develop a strong foundation in entomology, including understanding of the importance of insects to the human society.

- To review important areas in insect biology such as morphology, physiology, ecology, behaviour, genetics, phylogeny, ontogeny and population biology.
- To develop a sufficient background for advanced entomology.

Expected Course Outcome: The students will achieve entrepreneurial opportunities in entomology.

- They will gain knowledge on bionomically important insects and their products, insect pests of public health and veterinary importance and their management.

Student Learning Outcome:

Month	Lecture From	Lecture To	No. of lect allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	8/03/22	31/03/22	11	Class Insecta: <ul style="list-style-type: none"> • Salient features • Classification of insects up to orders – an overview Morphological studies: <ul style="list-style-type: none"> • of antenna, • wings, • legs • Mouth parts 	PPTS	Google meet/Power point presentation/CLAAP	Aitwal, A.S (1993): Agricultural pests of India and South East Asia. Kalyani publication, New Delhi. Awasthi, V.B (2007): Introduction to general and applied entomology, 2nd edition. Scientific publishers India Jodhpur.
April	1/04/22	30/04/22	11	Techniques: • Collection of insects, Preservation of insects <ul style="list-style-type: none"> • Pest of agricultural importance • Insects of medicinal importance 	MCQ, SAQ		David, B.V. and Ananthkrishnan, T.N (2006): General and applied entomology, 2nd edition Tata McGraw hill, New Delhi.
May	2/05/22	31/05/22	13	Useful insects: Honeybees (Apiculture); Mulberry silk worm (sericulture); lac insects (lac culture)	ASSIGNMENTS		
June	1/06/22	18/06/22	10	Insect pest control methods: <ul style="list-style-type: none"> • biological, chemical (attractants, pheromones and hormones), Integrated Pest Management (IPM) • Role of insects in ecosystem services 	ASSIGNMENTS		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	30
ISA 2	30
Practical	25
Project	-
Semester End Exam	75

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO-V.E-11

Program: TY BSc

Division:

Academic year: 2021 - 2022

Semester: V

Total Practicals/Labs: 12

Credits: 01

Course Objectives: To develop a strong foundation in entomology, including understanding of the importance of insects to the human society.

- To review important areas in insect biology such as morphology, physiology, ecology, behaviour, genetics, phylogeny, ontogeny and population biology.
- To develop a sufficient background for advanced entomology.

Expected Course Outcome: The students will achieve entrepreneurial opportunities in entomology.

- They will gain knowledge on bionomically important insects and their products, insect pests of public health and veterinary importance and their management.

Student Learning Outcome:

Month	Practicals/Labs Scheduled Date	No. of Practicals/Labs planned	List of Experiments	Reference books

March	11/03/22 25/03/22	02	Collection techniques of Insects – light traps, sweep net, Berlese funnel	
April	1/04/22 8/04/22	02	Identification and study of economically important insects.	
April	22/04/22 29/04/22	02	Field trips to ICAR Old Goa / Govt. of Goa agriculture department/ National Malaria Research Institute (NMRI).	
May	6/05/22 13/05/22 20/05/22	03	Study of insects of college campus dragon fly/ pests of different plants.	
May June	27/05/22 3/06/22 10/06/22	03	Study of local insect pests of agriculture.	

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao- Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO – I.C-2

Program: FY BSc

Division:

Academic year: 2021 - 2022

Semester: I

Total Lectures: 30

Course Objectives:

This course will give firm and rigorous foundation in the principles of modern molecular and cellular biology. It discusses the fundamental processes that enable cells to grow, move and communicate and will cover topics such as cell architecture, cell chemistry, cell division, functions and cell cycle. Students will also learn current molecular biological techniques that are used to study cell biology. Laboratories will focus both on exercises that help illustrate cellular phenomena, as well as on the introduction of techniques and procedures commonly utilized in modern cell and molecular biology research.

Expected Course Outcome:

This course will give firm and rigorous foundation in the principles of modern molecular and cellular biology. It discusses the fundamental processes that enable cells to grow, move and communicate and will cover topics such as cell architecture, cell chemistry, cell division, functions and cell cycle. Students will also learn current molecular biological techniques that are used to study cell biology. Laboratories will focus both on exercises that help illustrate cellular phenomena, as well as on the introduction of techniques and procedures commonly utilized in modern cell and molecular biology research.

Student Learning Outcome: Upon successful completion of the course, students will be able to:

- Develop deeper understanding of what life is and how it functions at cellular level.
- Describe cellular membrane structure and function, fine structure and function of cell organelles.
- Perform a variety of molecular and cellular biology techniques.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	6/10/2021	30/10/2021	9	<ul style="list-style-type: none"> • Lipid bilayer • Membrane proteins • Phospholipids , sphingolipids, cholesterol in cell membranes • Plasma membrane • Cell matrix • Nucleus 	Assignment	Google meet/Power point presentation/ CLAAP	<p>1. Alberts B, Hopkins, Lewis J, Raff M, Robertis K, Walter P (2014): Essential Cell Biology, Fourth Edition, Garland Science Taylor & Francis Group, UK.</p> <p>2) Lodish H, Berk A, Kaiser CA, Krieger M, Scott MP, Anthony, Bretscher A, Amon A. Scott MP (2013): Molecular Cell Biology, Seventh Edition, W. H. Freeman and Company New York.</p>
November	8/11/2021	30/11/2021	7	<ul style="list-style-type: none"> • Mitochondria • Endoplasmic reticulum • Golgi complex • Ribosomes • Microsomes • Cytoskeleton 			<p>3)Gupta PK (2003): Cell and Molecular Biology, Second Edition, Rakesh Kumar Rastogi for Rastogi Publications, Meerut, New Delhi, India.</p>
December	1/12/2021	23/12/2021	11	<ul style="list-style-type: none"> • Principle of transmembrane transport 	Test		<p>4) Bolsover SR, Shephard EA, Hugh AW, Hyams JS</p>

				<ul style="list-style-type: none"> • Transporters and their function • Ion channels • Protein transport into organelles • Vesicular transport 			(2011): Cell Biology, Third Edition, Wiley Blackwell, A John Wiley & Sons, Inc., Publications
January	3/1/2022	10/1/2022	3	<ul style="list-style-type: none"> • General principles of cell signalling 			

*** Assessment Rubrics**

Component	Max Marks
ISA 1	30
ISA 2	30
Practical	25
Project	-
Semester End Exam	45

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao-Goa

Name of Faculty: Ms. Filomena Pereira

Subject: Zoology

Paper code: ZOO- II.C-3

Program: F.Y.B.Sc.

Division: -

Academic year: 2021 - 2022

Semester: II

Total Lectures: 45

Course Objectives: To be familiar with the different Chordate phyla.

- To know the general and distinguishing characters of each of them.
- To compare and contrast the major biological systems amongst them.

Expected Course Outcome:

Student Learning Outcome: The students will be familiar with identification of the Non-chordates from Chordates with justification.

- Identify the different Chordates upto the order.
- Understand the functioning and mechanism of the various biological systems in the Chordates.
- Able to appreciate the process of evolution of Chordates from Non-chordates and understand how it progressed from simple vertebrates to highly complex Vertebrates.

Month	Lecture From	Lecture To	No. of lect allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	02/03/22	31/03/22	12	<ul style="list-style-type: none"> ▪ Introduction to the course 	Read more on the topics	Google meet/Power point	P. S. Verma., (2016) <i>Chordate Zoology.</i>

				<ul style="list-style-type: none"> ▪ General plan of Phylum Chordata ▪ Outline classification of Chordates ▪ General characters and classification of Sub Phylum Urochordata ▪ General characters and classification of Sub Phylum Cephalochordata ▪ General characters of Ostracoderms ▪ General Characters and classification of Cyclostomata ▪ General characters and classification of Pisces ▪ General characters and classification of Amphibia ▪ General characters and classification of Aves 		presentation / CLAAP	S.Chand Publications, Ramnagar New Delhi.
April	1/04/22	30/04/22	11	<ul style="list-style-type: none"> ▪ General characters and classification of Mammals ▪ Integument: Pisces, Amphibia, Reptilia, Aves, Mammalia. 	Read more on the topics		

				<ul style="list-style-type: none"> ▪ Locomotory apparatus: Pisces , Amphibia, Reptilia , Aves, Mammalia. ▪ Digestive system: Pisces , Amphibia. 		
May	05/05/22	28/05/22	12	<ul style="list-style-type: none"> ▪ Digestive system: Reptilia , Aves, Mammalia. ▪ Respiratory system: Pisces , Lungs in Amphibia, Reptilia , Aves, Mammalia. ▪ Circulatory system: Pisces, Amphibia, Reptilia Aves, Mammalia. ▪ Brain and cranial nerves: Pisces , Amphibia. 	Read more on the topics	
June	02/06/22	18/06/22	10	<ul style="list-style-type: none"> ▪ Brain and cranial nerves: Reptilia , Aves, Mammalia. ▪ Reproductive system: Pisces , Amphibia, Reptilia , Aves, Mammalia. 	Read more on the topics	

Assessment Rubrics:

Component	Max Marks
CA 1	30
CA 2	30
Practical	25
Project	-
Semester End Exam	45

Lecture Plan							
Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao-Goa							
Name of Faculty: Ms. Shalma Mascarenhas				Subject: Zoology			
Paper code: ZOO- II.C-4			Program: FY BSc			Division:	
Academic year: 2021 - 2022			Semester: II			Total Lectures: 30	
<p>Course Objectives: This course is intended to provide solid understanding of concepts and principles of genetics as it applies to animals and humans. Students will receive good foundation of chromosome structure, its aberrations and inheritance patterns of traits and disease which will help one to develop conceptual skills to address questions in genetic research.</p>							
<p>Expected Course Outcome: Describe the basic structure of genes and chromosomes.</p> <ul style="list-style-type: none"> • Relate an organism's genotype and phenotype and explain the role of genes in inheritance. • Understand the reason why a given genotype does not always result in the same phenotype • Demonstrate knowledge of genetic principles and their application in society • Construct and analyze pedigrees to determine mode of inheritance of disorders and traits. 							
Student Learning Outcome:							
Month	Lecture From	Lecture To	No. of lect	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books

			allotted				
March	3/03/22	31/03/22	10	<ul style="list-style-type: none"> • Chromosome morphology- • Heterochromatin and euchromatin • Chromosome structure and organization. • Human chromosomes and karyotype. • Numerical aberrations: Types- Aneuploidies and Euploidies, Mosaicism, Numerical aberrations in humans 	MCQ	Google meet/Power point presentation / CLAAP	<p>Gardner EJ, Simmons MJ and Snustad DP (2013): Principles of Genetics, Eighth Edition, John Wiley Publication, Singapore.</p> <p>De Robertis EDP, De Robertis EMF (2012): Cell and Molecular Biology, Eighth Edition. Wolter Kluwer Publication, Philadelphia.</p> <p>Singh BD (2014): Fundamentals of Genetics. Second Edition, Kalyani Publishers, New Delhi.</p> <p>Lewis R (2009): Human Genetics, Concepts and Applications, Seventh</p>
April	1/04/22	30/04/22	08	<ul style="list-style-type: none"> • Structural Abnormalities: Types-Deletions, inversions, Translocations, duplications. Structural aberrations in humans. • characteristics of mutations • classification of mutations (Spontaneous, Induced) • molecular basis of mutations 	SAQ		
May	2/05/22	31/05/22	08	<ul style="list-style-type: none"> • Mutagens – physical and chemical • Environmental Sex Determination – hormonal, egg size, incubation temperature. 	PPTS		

				<ul style="list-style-type: none"> • Chromosomal sex determination - XX and XO , XO and XX , ZW and ZZ , XX and XY , Diploid female and Haploid male, single gene effect. 			Edition. McGraw-Hill International Edition, New York
June	1/06/22	18/06/22	04	<ul style="list-style-type: none"> • Molecular basis of sex determination: Geneic imbalance, Sex index, Intersex and gynandomorphs, X/A Ratio. • Sex determination by Y linked genes, Dosage compensation, X-inactivation 	PPTS		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	30
ISA 2	30
Practical	25
Project	-
Semester End Exam	45

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO-II.C-04

Program: FY BSc

Division:

Academic year: 2021 - 2022

Semester: II

Total Practicals/Labs: 12

Credits: 01

Course Objectives: This course is intended to provide solid understanding of concepts and principles of genetics as it applies to animals and humans. Students will receive good foundation of chromosome structure, its aberrations and inheritance patterns of traits and disease which will help one to develop conceptual skills to address questions in genetic research.

Expected Course Outcome: Describe the basic structure of genes and chromosomes.

- Relate an organism's genotype and phenotype and explain the role of genes in inheritance.
- Understand the reason why a given genotype does not always result in the same phenotype
- Demonstrate knowledge of genetic principles and their application in society
- Construct and analyze pedigrees to determine mode of inheritance of disorders and traits.

Student Learning Outcome:

Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
March	12/03/22	01	Verification of Mendel's laws- monohybrid cross	
	19/03/22	01	Verification of Mendel's laws- Dihybrid cross	
March April	26/03/22	04	Manual karyotyping of human chromosome plates	
	9/04/22			
	16/04/22			
April	23/04/22	04	Manual karyotyping of human chromosome plates	
April	30/04/22	01	Drosophila culture technique	
May	7/05/22	01	Study of Mutants of Drosophila	
	14/05/22	02	Exercises for Multiple alleles and Multiple genes	
	21/05/22			
	28/05/22	01	Construction of pedigrees	
	4/06/22	01	Analysis and interpretation of Pedigrees	

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous) Margao Goa

Name of Faculty: Ms. Mithali Halarnkar

Subject: Zoology

Paper code: ZOO-III.E-3

Program: SY BSc

Division:

Academic year: 2021- 2022

Semester: III

Total Lectures: 45

Course Objectives:

- To study the different environmental pollutants and their toxicity.
- To know the physiological effects of toxicant exposure.

Expected Course Outcome: Upon successful completion of the course, students will be able to:

CO1: Distinguish, classify and characterize a variety of environmental pollutants based on their biological and physical properties.

CO2: Identify the main sources and types of environmental pollutants and assess their potential environmental fate.

CO3: Understand mechanisms of detoxification of various varieties of toxicants.

CO4: Know the procedures/protocols used to assess physicochemical parameters and environmental contaminants.

Student Learning Outcome:

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	04/10/2021	31/10/2021	10	Module 1 : Introduction to Toxicology - Definition and history of toxicology and toxicity		Google meet/Power	

				<p>Module 1 : Introduction to Toxicology - Disciplines of Toxicology</p> <p>Module 1 : Introduction to Toxicology - Biouptake and bioaccumulation</p> <p>Module 1 : Introduction to Toxicology - Biotransfer and biological magnification</p> <p>Module 1 : Introduction to Toxicology - Relationship to Other Sciences, Scope and importance of Toxicology</p> <p>Module 1 : Introduction to Toxicology - Define Toxicant and Toxins, their classification</p> <p>Module 1 : Introduction to Toxicology -Toxicants in Air, water</p> <p>Module 1 : Introduction to Toxicology -Toxicants in Water and Soil</p> <p>Module 1 : Introduction to Toxicology -Toxicants in Domestic</p> <p>Module 1 : Introduction to Toxicology -Toxicants in Occupational Settings</p>	MCQ	point presentation/ Moodle LMS/ youtube videos	<p>Ernst Hodgson (2004) A Text Book of Modern Toxicology ,A John Wiley and sons Inc, Publication.</p> <p>Gupta P.K.(2010) Modern Toxicology, Pharma Med Press, Hyderabad.</p> <p>Omkar(2007) Concepts of Toxicology ,Vishal Publishing Co, Jalandhar</p>
November	01/11/2021	30/11/2021	10	<p>Module 1 : Introduction to Toxicology - Synthetic drugs: Solvents</p> <p>Module 1 : Introduction to Toxicology - Therapeutic drugs, Drugs of abuse</p> <p>Module 1 : Introduction to Toxicology - Combustion products</p> <p>Module 1 : Introduction to Toxicology - Cosmetics</p> <p>Module 1 : Introduction to Toxicology - Movement and fate of Toxicants in the environment</p> <p>Module 2: Toxicity of heavy metal - Lead,</p> <p>Module 2: Toxicity of heavy metal - Cadmium</p>	Assignment		<p>Pandey K,Shukla J.P. and Trivedi S.P. (2011)Fundamentals of Toxicology, New Central Book Agency(P) Ltd.</p> <p>P.D.Sharma (2011)Environmental</p>

				Module 2: Toxicity of heavy metal - Toxicity of mercury	Biology and Toxicology (Third edition), Rastogi Publications, Meerut
				Module 2: Toxicity of heavy metal - Toxicity of Copper	
				Module 2: Toxicity of heavy metal - Zinc	
December	01/12/2021	31/12/2021	8	Module 2: Toxicity of heavy metal - Aluminium	
				Module 2: Toxicity of heavy metal - Manganese	
				Module 2: Toxicity of heavy metal - Iron	
				Module 2: Agro-Chemical Pesticides And Their Environmental Impact Mitigation - Definition and Classification	
				Module 2: Agro-Chemical Pesticides And Their Environmental Impact Mitigation - Organochlorine Insecticides	
				Module 2: Agro-Chemical Pesticides And Their Environmental Impact Mitigation – Organophosphate Insecticides, Carbamates	
				Module 2: Agro-Chemical Pesticides And Their Environmental Impact Mitigation - Pyrethroid Insecticides, Dinitrophenols	
January	01/01/2022	15/01/2022	5	Module 2: Agro-Chemical Pesticides And Their Environmental Impact Mitigation - Herbicides, Fungicide	
				Module 2: Agro-Chemical Pesticides And Their Environmental Impact Mitigation - Control of Pesticide Pollution	
				Module 2: Agro-Chemical Pesticides And Their Environmental Impact Mitigation - Integrated Pest management	
				Module 3: Toxins- History, Classes of Toxicants	
				Module 3: Toxins- Mycotoxins	
				Module 3: Toxins- Algal toxins	

Extra Lectures required	Module 3: Toxins- Microbial	SAQ		
	Module 3: Toxins- Plant toxins			
	Module 3: Toxins- Animal toxins			
	Module 3: Food Additives - general account			
	Module 3: Food Additives - Incidental or Indirect additives			
	Module 3: Food Additives - Intentional or Direct additives: Antioxidants			
	Module 3: Food Additives - Emulsifiers			
	Module 3: Food Additives - Enzymes			
	Module 3: Food Additives - Flavouring agents			
	Module 3: Food Additives - Colour			
	Module 3: Food Additives - preservatives			
	Module 3: Food Additives - Artificial sweetening agents : Saccharine			
	Module 3: Food Additives - Artificial sweetening agents : Urea derivatives			

*** Assessment Rubrics**

Component	Max Marks
ISA 1	
ISA 2	
Practical	
Project	
Semester End Exam	

Lecture Plan

Name of the college: Parvatibai Chowgule College of Art's and Science (Autonomous) Margao Goa

Name of Faculty: Ms. Mithali Halarnkar

Subject: Zoology

Paper code: ZOO-III.C-5

Program: SY BSc

Division:

Academic year: 2021 - 2022

Semester: III

Total Lectures: 45

Course Objectives: The primary goal of this course is to offer an in-depth presentation of the function of the major organs and organ systems of the human body. The course is designed to expand physiological concepts presented in prerequisite courses.

Expected Course Outcome: Upon successful completion of the course, students will be able to:

CO1: Describe and explain the normal function of the cells, tissues, organs, and organ systems of the human body.

CO2: Develop understanding of the functional relationships of anatomical structures to one another.

CO3: Know the disorders associated with the different systems.

CO4: Understand and associate malfunctions in the body to various organs and organ systems.

Student Learning Outcome:

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	04-10-2021	31-10-2021	11	Unit 1: Digestive System - Structural organization, histology and functions of Gastrointestinal tract		Google meet/Power point	<i>Singh HD(2011):Textboo</i>

				<p>Unit 1: Digestive System - Structural organization, histology and functions of Associated glands</p> <p>Unit 1: Digestive System - Mechanical digestion of food</p> <p>Unit 1: Digestive System - Chemical digestion of food</p> <p>Unit 1: Digestive System - Absorption of carbohydrate, lipids and Proteins</p> <p>Unit 1: Digestive System - Absorption of Water, minerals and vitamins</p> <p>Unit 1: Digestive System - Role of gastrointestinal hormones (1)</p> <p>Unit 1: Digestive System - Role of gastrointestinal hormones (2)</p> <p>Unit 2: Respiratory System - Histology of Trachea and Lungs</p> <p>Unit 2: Respiratory System - Mechanism of respiration</p> <p>Unit 2: Respiratory System - Pulmonary ventilation, Respiratory volumes and capacities</p>	<p>presentation / Moodle LMS/ Youtube videos</p>	<p><i>k of Human Physiology, S Chand Publishers, New Delhi.</i></p> <p><i>Widmaier, Raff, & Strang(2008), Vander's Human Physiology: The Mechanisms of Body Function, 12th edition, McGraw Hill,. ISBN 978-0-07-337810-7</i></p> <p><i>Tortara G J and Derrickson BH(2009). Principles of Anatomy and physiology, 12th Edition. John Wiley & sons, Inc.</i></p>
November	01/11/2021	30/11/2021	10	<p>Unit 2: Respiratory System - Transport of oxygen in the blood oxygen – hemoglobin & myoglobin</p> <p>Unit 2: Respiratory System - Dissociation curve and factor influencing it, carbon monoxide poisoning</p> <p>Unit 2: Respiratory System - Carbon dioxide transport in the blood</p>		

				<p>Unit 2: Respiratory System - Buffering action of blood and haemoglobin control of respiration</p> <p>Unit 3 Excretory system - Structure of kidney and its histological details</p> <p>Unit 3 Excretory system - Renal blood supply</p> <p>Unit 3 Excretory system - Mechanism urine formation and its regulation pt 1</p> <p>Unit 3 Excretory system - Mechanism urine formation and its regulation pt 2</p> <p>Unit 3 Excretory system - Regulation of acid base balance</p> <p>Unit 4: Circulatory system - An outline structure of heart, Coronary circulation</p>		<p><i>Guyton Ac and Hall JE(2011). Testbook of Medical Physiology, 12th Edition, Harcourt Asia Pvt Ltd, WB Saunders Company.</i></p> <p><i>Openstax College (2013). Anatomy and Physiology. Vol II. Mainstreet MS, Houston Texas(Ebook)</i></p> <p><i>Forciea B (2012). An eText of Human Anatomy and Physiology(Ebook).</i></p> <p><i>Wingerd B(2008). The Human Body, Essential Anatomy and Physiology.</i></p>
December	01/12/2021	31/12/2021	9	<p>Unit 4: Circulatory system - Structure of conducting and working of myocardial fibers</p> <p>Unit 4: Circulatory system - Origin and conduction of cardiac impulses functions of AV node</p> <p>Unit 4: Circulatory system - Cardiac cycle, cardiac output and its regulation</p> <p>Unit 4: Circulatory system - Cardiac cycle, cardiac output and its regulation</p> <p>Unit 4: Circulatory system - Nervous and chemical regulation of heart rate</p> <p>Unit 4: Circulatory system - Blood pressure and its regulation</p> <p>Unit 4: Circulatory system - Electrocardiogram</p> <p>Unit 4: Circulatory system - Components of blood and their</p>		

				<p>functions: structure and function of haemoglobin</p> <p>Unit 4: Circulatory system - Haemopoiesis, Haemostasis and Coagulation of blood, Disorders of blood</p> <p>Unit 5: Nervous System - Structure of neurons, resting membrane potential</p>			<i>University Readers, SanDiego CA.</i>
January	01/01/2022	15/01/2022	6	<p>Unit 5: Nervous System - Origin of action potential</p> <p>Unit 5: Nervous System - Action potential propagation across the myelinated and unmyelinated nerve fibers</p> <p>Unit 5: Nervous System - Types of synapsis, synaptic transmission and Neuromuscular junction</p> <p>Unit 5: Nervous System - Reflex action and its types – reflex arc</p> <p>Unit 5: Nervous System - Physiology of hearing and vision</p> <p>Unit 5: Nervous System - Histology of different types of muscle</p>			
Extra Lectures required				<p>Unit 5: Nervous System - Ultra structure of skeletal muscle</p> <p>Unit 5: Nervous System - Molecular and chemical basis of muscle contraction</p> <p>Unit 5: Nervous System - Characteristics of muscle twitch, motor unit, summation and tetanus</p> <p>Unit 7: Reproductive system - Histology of male reproductive system</p> <p>Unit 7: Reproductive system Histology of female reproductive system</p>			

	Unit 7: Reproductive system – Puberty		
	Unit 7: Reproductive system - Physiology of male reproductive system		
	Unit 7: Reproductive system - Physiology of female reproductive system		

*** Assessment Rubrics**

Component	Max Marks
CA 1	Assignment
	MCQ
ISA 2	OBE
	SAQ
Practical	
Project	
Semester End Exam	

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)

Name of Faculty: Ms. Filomena Pereira

Subject: Developmental Biology

Paper code: ZOO-V.C-7

Program: T.Y.B.Sc.

Division: -

Academic year: 2021- 2022

Semester: V

Total Lectures: 30

Course Objectives: This course is intended to understand the processes of fertilization, polyspermy and activation of egg metabolism. To know the basics of animal development, specifically in sea urchin and chick. To be familiar with the processes that help in the establishment of basic plan of development.

Expected Course Outcome:

Student Learning Outcome:

CO1: Understand the basic plan of animal development.

CO2: Know the processes which occur during the course of development in invertebrates and vertebrates.

CO3: Have the basic knowledge of developmental biology.

CO4: Know the concepts associated with development of embryo.

Month	Practical from	Practical to	No. of practicals allotted	Practical to be covered	Exercise given	ICT tools used	Reference
October	16/10/21	30/10/21	03	<ol style="list-style-type: none"> 1. Developmental stages of Sea urchin 2. Extra embryonic membranes in chick 3. Eye vesicle and limb buds in six days old chick embryo 	Prelab	-	Journal
November	15/11/2021	29/11/2021	08	<ol style="list-style-type: none"> 4. Study of morphogenetic movement in chick using vital stain 5. Preparation of permanent slide of 24 hours chick embryo 6. Preparation of permanent slide of 24 hours chick embryo 7. Preparation of permanent slide of 36 	Prelab		Journal

				hours chick embryo 8. Preparation of permanent slide of 48 hours chick embryo 9. Preparation of permanent slide of 72 hours chick embryo 10. PA1 11. Observation of permanent slides			
December	04/12/2021	18/12/2021	03	12. Observation of permanent slides 13. Observation of permanent slides 14. PA2	Prelab		Journal
January	03/01/2022	08/01/2022	01	15. PA3			

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao-Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO- III.E-4

Program: SY BSc

Division: -

Academic year: 2021- 2022

Semester: III

Total Lectures: 15

Course Objectives:

- To be familiar with the parasite host interactions.
- To gain knowledge on diagnosis of parasite infections and also to learn about the preventive measures.

- Expected Course Outcome: To be familiar with the parasite host interactions.
- To gain knowledge on diagnosis of parasite infections and also to learn about the preventive measures.

Student Learning Outcome: learner will be acquainted with dimensions of public health, parasitic diversity, epidemiology and community prophylaxis.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	13/10/2021	30/10/2021	1	<ul style="list-style-type: none"> Introduction and general features of Helminths Form, Function, Classification, Life cycle, Diagnosis and Preventive measure: <ul style="list-style-type: none"> Trematoda (Liver fluke – <i>Fasciola hepatica</i>) 	MCQ	Google meet, Power point presentation, CLAAP	<ul style="list-style-type: none"> Chatterjee, K.D. (2009) Parasitology (Protozoology and Helminthology) with two hundred fourteen illustrations. CBS, 13th edition.
November	8/11/2021	30/11/2021	1	Form, Function, Classification, Life cycle, Diagnosis and Preventive measure: <ul style="list-style-type: none"> Trematoda (Intestinal fluke – <i>Fasciolopsis buski</i>) Lung fluke – <i>Paragonimus westermani</i> Cestoda- (Tape worm- <i>Taenia solium</i>) 	MCQ	Power point presentation, CLAAP	<ul style="list-style-type: none"> Dey, N.C., Dey, T.K. and Sinha, D.M. (1995) Medical Parasitology. New Central Book Agency Private Limited, Calcutta. Paniker, J.C.K. (2018) Textbook of medical parasitology.

				Form, Function, Classification, Life cycle, Diagnosis and Preventive measure: <ul style="list-style-type: none"> • Hook worm- <i>Ancylostoma duodena</i> • Guinea worm - <i>Dracanculus medinensis</i> • Round worm- <i>Ascaris lumbricoids</i>, <i>Enterobias vermicularis</i> 			Jaypee Brothers, New Delhi.
December	1/12/2021	23/12/2021	6		TEST	Power point presentation, CLAAP	
January	3/1/2022	10/1/2022	1	Form, Function, Classification, Life cycle, Diagnosis and Preventive measure: <ul style="list-style-type: none"> • Round worm- <i>Wuchereria bancrofti</i> 		TEST	Power point presentation, CLAAP

* Assessment Rubrics

Component	Max Marks
ISA 1	10
ISA 2	10
Practical	25
Project	-
Semester End Exam	75 (combine)

Lecture Plan		
Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)		
Name of Faculty: Ms. Filomena Pereira	Subject: Wildlife Biology	
Paper code: ZOO-VI.C-8	Program: T.Y.B.Sc.	Division: -
Academic year: 2021- 2022	Semester: VI	Total Lectures: 30
Course Objectives: This course is designed to enable students to understand the basics of wildlife status, conservation, assessment and management.		
Expected Course Outcome:		
Student Learning Outcome: At the end of this course, students will be able to		
<ul style="list-style-type: none"> • Apply the techniques used in assessment and monitoring of wildlife. • Understand the basics of wildlife status, conservation, assessment and management. • Know about the diversity, extent, range of wildlife population dynamics. • Know the rules, regulations and factors governing wildlife 		

Month	Lecture from	Lecture to	No. of lectures allotted	Topic/ sub topic to be covered	Exercise/ Assignment	ICT tools	Reference books
March	11/03/2022	28/03/2022	06	1. Introduction to wildlife 2. Values of wildlife	Read more on the topics	Power point presentations	Verma P.S., (2021). <i>Chordate Zoology</i> . S.

				<ul style="list-style-type: none"> 3. Conservation ethics 4. Importance of conservation 5. Causes of depletion 			Chand Publications, India.
April	01/04/2022	29/04/2022	09	<ul style="list-style-type: none"> 6. World conservation strategie 7. Evaluation and management of wildlife: Habitat analyses 8. Physical parameters: Topography, Geology, Soil and water 9. Biological Parameters: food, cover, forage, browse and ground cover estimation 10. Standard evaluation procedures: remote sensing and GIS 	Read more on the topics	Power point presentations	Verma P.S., (2021). <i>Chordate Zoology</i> . S. Chand Publications, India.
May	02/05/2022	30/05/2022	09	<ul style="list-style-type: none"> 11. Population estimation: Population 	Read more on the topics	Power point presentations	Verma P.S., (2021). <i>Chordate</i>

				<p>density, natality, mortality, fertility schedules and sex ratio computation.</p> <p>12. Analysis of scat and dropping of ungulates and carnivores.</p> <p>13. Trichotaxonomy</p> <p>14. Pug marks and census method based on indirect evidences.</p> <p>15. Protected Area network (PAN): National parks and wildlife sanctuaries</p>			<p><i>Zoology</i>. S. Chand Publications, India.</p>
June	03/06/2022	17/06/2022	06	<p>16. . • Biogeographical features of important features of protected areas in India (any 3)</p> <p>17. Tiger conservation - tiger reserves in India,</p>	Read more on the topics	Power point presentations	<p>Verma P.S., (2021). <i>Chordate Zoology</i>. S. Chand Publications, India.</p>

				challenges and management of tiger reserves			
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Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO – III.E-1

Program: SY BSc

Division: -

Academic year: 2021 - 2022

Semester: III

Total Lectures: 15

Course Objectives:

- To study the endocrine organs of vertebrates.
- To understand the underlying principles of hormone functions.
- To gain an insight into the current and important issues in endocrinology.

Expected Course Outcome: Course Objectives:

- To study the endocrine organs of vertebrates.
- To understand the underlying principles of hormone functions.
- To gain an insight into the current and important issues in endocrinology.

Student Learning Outcome: Students will be familiar with all the endocrine organs and their functions in body growth, metabolism, reproduction and development.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	8/10/2021	30/10/2021	1	4	Test, MCQ	Google meet, Power point presentation, CLAAP	David, N.O. and J.A. Carr (2013) Vertebrate Endocrinology. Academic press publications 5th edition.
November	8/11/2021	30/11/2021	1	6		Power point presentation, CLAAP	Hadley, M. and Levine, J (2006) Endocrinology. Benjamin Cummings 6th edition.
December	2/12/2021	23/12/2021	1	4		Power point presentation, CLAAP	Kovacs, J.W. and S.R. Ojeda (2011) Textbook of endocrine physiology 6th edition. Oxford university press.
January	3/1/2022	10/1/2022	1	1		Power point presentation, CLAAP	Yadav, P.R. (2004) Endocrinology. Discovery Publishing House, New Delhi.

*** Assessment Rubrics**

Component	Max Marks
ISA 1	30
ISA 2	30
Practical	25
Project	
Semester End Exam	45

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science(Autonomous)

Name of Faculty: Ms. Gautami Manakikar

Subject: Animal Cell and Culture and Applications

Paper code: ZOO-IV.E-5

Program: SY BSc

Division: -

Academic year: 2021- 2022

Semester: IV

Total Lectures: 30

Course Objectives: This course is intended to provide a solid understanding of concepts and applications of animal cell culture. This course also teaches the students to learn the different techniques of culturing the specific type of cells.

Expected Course Outcome:

CLO1: Operate, calibrate, and maintain standard equipment found in an animal cellculture laboratory;

CLO2: Prepare and sterilize media and solutions used in cell culture.

CLO3: Understand concepts and applicationsof mammalian cell culture.

CLO4: Perform primary cell culture of suspension and adherent cells.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	05/03/2022	29/03/2022	08	1. Introduction to cell culture	Multiple Choice Question, Presentation, Problem Based Learning	Google meet, Powerpoint presentation, Moodle	1. Freshney I R (2007). <i>Culture of Animal Cells: A manual of Basic Techniques</i> . 5th edition, John Riley & Sons Inc Pvt Ltd.
				2. Historical background			
				3. Biology of cells in culture			
				4. Biology of cells in culture			
				5. Cell kinetics			
				6. Problems associated with cell culture			
				7. Cell environment			

2. Mathur S(2006). *Animal Cell and Tissue Culture*.

				8. Substrates
April	05/04/2022	30/04/2022	09	9. Major equipments used for cell culture
				10. Minor equipments used for cell culture
				11. Types of media
				12. Constituents of media
				13. Media supplements
				14. Media supplements
				15. Overview of cell culture applications
				16. Introduction of Cell Hybridoma Technology
				17. Steps of hybridoma technology
May	05/05/2022	31/05/2022	10	18. Steps of hybridoma technology
				19. Steps of hybridoma technology
				20. HAT selection
				21. MAB production
				22. MAB application
				23. Production of valuable substances
				24. Production of TPA F-VIII
				25. Production of TPA F-VIII
				26. Production of EPO Interferons
				27. Production of EPO Interferons
June	04/06/2022	11/06/2022	03	Production of GH vaccines
				Production of GH vaccines
				Production of GH vaccines

Agrobios India
Ltd. Jodhpur.

*** Assessment Rubrics**

Component	Max Marks
CA1	30
CA 2	30
Practical	25
Project	-
Semester End Exam	45

Aquaculture and Fisheries Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous) Margao Goa

Name of Faculty: Ms. Mithali Halarnkar

Subject: Zoology

Paper code: ZOO-IV.E-6

Program: SY BSc

Division:

Academic year: 2021- 2022

Semester: IV

Total Lectures: 30

Course Objectives:

- ☑ To improve the understanding of conservation and sustainability of living resources
- ☑ To improve the social and economic benefits derived from aquaculture and fisheries.
- ☑ To study the role of aquaculture in rural development in solving nutritional security and unemployment.
- ☑ Empowerment of fishery and entrepreneurship development

Expected Course Outcome: Upon successful completion of the course, students will be able to:

CO1: Understand conservation and sustainability of aquaculture resources.

CO2: Acquainted with various techniques of aquaculture.

CO3: Know strategies of improving the social and economic benefits derived from aquaculture and fisheries.

CO4: Initiate business enterprise in area of aquaculture.

Month	Lecture	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	04/03/2022	1	Introductory lecture		Power	Bal

	08/03/2022	1	Inland Fisheries: Riverine		point presentation/ Moodle LMS/ youtube videos	D.V.,RaoVirbhadr ,K (1984) Marine Fisheries, Tata McGraw- Hill Publishing Company Ltd.New Delhi.			
	09/03/2022	1	Inland Fisheries: Reservoir fisheries						
	15/03/2022	1	Inland Fisheries: Lakesterine fisheries						
	16/03/2022	1	Inland Fisheries: Cold water fisheries						
	22/03/2022	1	Marine Fisheries: • Estuarine fisheries:The catadromous fishes (<i>Polynemous indicus,P.tetradactylus</i>) and anadromous fishes(<i>Hilsa ilisha,Pama pama,Polynemous paradiseus</i>)				Cushing D.H. (1975) Marine Ecology and Fisheries , Cambridge University Press.		
	23/03/2022	1	Marine Fisheries: Estuarine fisheries:The catadromous fishes						
	29/03/2022	1	Marine Fisheries: Anadromous fishes(<i>Hilsa ilisha,Pamapama,Polynemous paradiseus</i>)						
	30/03/2022	1	Coastal fisheries or Inshore fisheries: Elasmobranch fishery and Teleost fishery						
April	05/04/2022	1	Coastal fisheries or Inshore fisheries: Elasmobranch fishery and Teleost fishery					Day,F. (1889) The Fauna of British India including Ceylon and Burma. Fishes. 2Vols., Taylor and Francis London.	
	06/04/2022	1	Offshore and Deep sea fisheries: Pomfrets(<i>Pampus,Stromateus</i>) <i>leutheronema Tetradactylus</i> (rava).						
	12/04/2022	1	Crustacean And Molluscan Fisheries: Prawn fisheries in Goa: Penaeid and Palaemonid groups.						
	13/04/2022	1	Crab fisheries in Goa.						
	19/04/2022	1	Edible oyster fisheries in Goa						Khanna S.S.(1984) An Introduction to Fishes, Central Book Depot Allahabad.
	20/04/2022	1	Mussel fisheries in Goa						
	26/05/2022	1	Integrated Fish Farming Systems: Principle						

			of integrated Fish farming		
	27/04/2022	1	Integrated Fish Farming Systems: Integration with animal husbandry and farming systems.		<p>Pandey K and Shukla J.P.(2015) Fish and Fisheries. Rastogi Publications Meerut-250002</p> <p>Sakhare B. Viswas (2007) Applied Fisheries. Daya Publishing House Delhi- 110035</p> <p>Santhanam R (1990) Fisheries Science, Daya Publishing House Delhi.</p> <p>Santhanam R, Ram anathan N and Jagatheesan G(1990) Coastal Aquaculture in India, CBS</p>
May	04/05/2022	1	Induced Breeding: Selection of site		
	10/05/2022	1	Induced Breeding: Design and Layout of fish farm		
	11/05/2022	1	Induced Breeding: Freshwater and brackish water		
	17/05/2022	1	Induced Breeding: pond construction; Pond maintenance		
	18/05/2022	1	Induced Breeding: Prevention of fish diseases		
	24/05/2022	1	Induced Breeding: Control of aquatic weeds, predatory and Weed fishes,		
	25/05/2022	1	Induced Breeding: Control of aquatic weeds, predatory and Weed fishes,		
	31/05/2022	1	Induced Breeding: Aquatic insect		
June	01/06/2022	1	Induced Breeding: Harvesting		
	07/06/2022	1	Fishing Methods: Marine Fishing Crafts and Gears used in Goa		
	08/06/2022	1	Fishing Methods: Marine Fishing Crafts and Gears used in Goa		
	14/06/2022	1	Fishing Methods: Inland Fishing Crafts and Gears used in Goa		
	15/06/2022	1	Fishing Methods: Inland Fishing Crafts and Gears used in Goa		

						<p>Publishers and distributors, Delhi.</p> <p>Shrivastava C.B.L.(1996) A Text Book of Fishery Science and Indian Fisheries. KitabMahal22 A,S.N.Marg, Allahabad.</p> <p>Singh B.K.(2008) Applied Fisheries and Aquaculture. Swastik Publishers and distributors, Delhi.</p>
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*** Assessment Rubrics**

Component	Max Marks
ISA 1	
ISA 2	
Practical	
Project	
Semester End Exam	

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous) Margao Goa

Name of Faculty: Ms. Mithali Halarakar

Subject: Zoology

Paper code: ZOO-IV.C-6

Program: SY BSc

Division:

Academic year: 2021- 2022

Semester: IV

Total Lectures: 30

Course Objectives:

- To understand the basic principles that govern the functioning of living systems
- To know the structure of biomolecules and the role they play in governing life processes through the pathways
- To be familiar with enzymes and their activities

Expected Course Outcome: Upon successful completion of the course, students will be able to:

CO1: Understand better the chemical basis in life.

CO2: Know the basic principles that govern the functioning of living systems

CO3: Be familiar with enzymes and their activities

CO4: Appreciate better the interactions between the biological molecules.

Month	Lecture	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	09/03/2022	1	Principles of pH, buffer		Power point presentatio	1. David, L.N. and Cox, M. Michael (2008) Lehninger
	11/03/2022	1	Thermodynamics			

	16/03/2022	1	Thermodynamics		n/ Moodle LMS/ youtube videos	principles of biochemistry. W.H. Freeman and Company, New York. 2. Delvin, T.M. (1997). Textbook of biochemistry with clinical correlations. Wiley liss. 3. Harvey, A.R. and Ferrier, D. (2011). Lippincott's Illustrated Reviews Biochemistry. Wolters Kluwer, Lippincott Williams and Wilkins. 5th Edition. 4. Pratt, W.C. and K. Cornely 2003 Essential Biochemistry Wiley Publications third edition
	23/03/2022	1	Enzymes Classification, Properties of enzyme			
	25/03/2022	1	Enzyme kinetics			
	30/03/2022	1	Michaelis Menten Equation,			
April	01/04/2022	1	enzyme inhibition			
	06/04/2022	1	Carbohydrate structure			
	08/04/2022	1	aerobic and anaerobic glycolysis			
	13/04/2022	1	aerobic and anaerobic glycolysis			
	20/04/2022	1	Citric acid cycle,			
	22//04/2022	1	Glycogenesis,			
	27/04/2022	1	Glycogenolysis			
	29/04/2022	1	Pentose phosphate pathway,			
May	04/05/2022	1	Diabetes mellitus			
	06/05/2022	1	Biosynthesis of purine			
	11/05/2022	1	Biosynthesis of pyrimidine de novo			
	13/05/2022	1	Biosynthesis of pyrimidine salvage pathway			
	18/05/2022	1	Degrdaton of purine			
	20/05/2022	1	Degrdaton of purine			
	25/05/2022	1	Degrdaton of pyrimidine			
	27/05/2022	1	Degrdaton of pyrimidine			

June	01/06/2022	1	Degradation of pyrimidine			
	03/06/2022	1	Interconversions Part 1			
	08/06/2022	1	Interconversions Part 2			
	10/06/2022	1	Interconversions Part 3			
	15/06/2022	1	Metabolism in starvation: Carbohydrate (The feed/fast cycle)			
	17/06/2022	1	Metabolism in starvation: Carbohydrate (The feed/fast cycle)			
Extra Lecture	22/06/2022	1	Metabolism in starvation: lipid (The feed/fast cycle)			
	24/06/2022	1	Metabolism in starvation: Carbohydrate, lipid, proteins (The feed/fast cycle)			

*** Assessment Rubrics**

Component	Max Marks
ISA 1	
ISA 2	
Practical	
Project	
Semester End Exam	

Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)							
Name of Faculty: Ms. Prasanna Naik Gaonkar				Subject: Zoology			
Paper code: ZOO-IV.E-7			Program/Course: SY B.Sc.		Division: A		
Academic year: 2021 - 2022			Semester: IV			Total Lectures: 15	
Course Objectives: 1. Familiarize students and make them learn about the structural features of the components of the immune system and well as their functions, and understand the mechanisms involved in immune system developmeny and responsiveness.							
Course Learning Outcome: 1.Understand the components of the immune system and their function. 2.Explain the mechanisms of immune response. 3.Know about the techniques used in detecting immunological diagnosis. 4.Perform immunoassays for disease detection.							
Month	Lectures		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
	From:	To:					
March	17/03/22	27/03/22	4	1.Introductory lecture	On completion of 4 lectures in the month of February the students will be able to:	For example: Google classroom/Power point presentation/ Moodle LMS	<ul style="list-style-type: none"> • Kindt. T., Goldsby. R., and Osborne. Barbara.(2007). <li style="padding-left: 20px;">Kuby Immunology.

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2. Overview of the immune system
3. Basic concepts in immunology
4. Components of the immune system

1. Understand the overview of the immune system, important definitions and important terms in immunology.
2. Understand the important concepts in immunology.
3. Understand and differentiate the various components of the immune system.

W.H. freeman and Company. • Rao, C.V.(2006). Immunology. Narosa Publishing House. New Delhi. • Arora, M. P. (2010). Immunology. Ane Books Pvt. Ltd. • Abbas KA, Lechtman HA (2003). Cellular and Molecular Immunology. Saunders Publication. • Sudha Gangal and Shubhangi Sontakke. (2013). Textbook of Basic and Clinical Immunology. Universities Press Private Limited.
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April	04/04/22	27/04/21	6	1. cells of immune system	<p>On Completion of 6 lectures the students will be able to :</p> <ol style="list-style-type: none"> Understand the important cells of immune system. Understand and describe the process of innate and adaptive immunity. describe the various cells of innate and adaptive immunity. 	<p>For example: Google classroom/Power point presentation/Moodle LMS</p>	<ul style="list-style-type: none"> Kindt. T., Goldsby. R., and Osborne. Barbara.(2007). Kuby Immunology. W.H. freeman and Company. Rao, C.V.(2006). Immunology. Narosa Publishing House. New Delhi. Arora, M. P. (2010). Immunology. Ane Books Pvt. Ltd. Abbas KA, Lechtman HA (2003). Cellular and Molecular Immunology. Saunders Publication. Sudha Gangal and Shubhangi Sontakke. (2013). Textbook of Basic and Clinical Immunology. Universities
				2. cells of immune system			
				3. Innate immunity			
				4. Adaptive immunity			
				5.Cells and molecules of innate immunity			
				6.Adaptive immunity- Cell mediated			

							Press Private Limited.
MAY	01/05/22	15/05/22	5	<p>1. Adaptive immunity- humoral immunity</p> <p>2.Active immunity</p> <p>3. Immune dysfunction</p> <p>4.Immune dysfunction</p> <p>5.Passive immunity</p>	<p>On completion of 5 lectures the students will be able to:1. Explain the concept of humoral immunity and its importance. 2. Describe the features and working of Active immunity. 3. Describe the process of passive immunity and its examples. 4. Explain the immune dysfunction in detail and overall discussion</p>	<p>For example: Google classroom/Power point presentation/Moodle LMS</p>	<p>• Kindt. T., Goldsby. R., and Osborne. Barbara.(2007). Kuby Immunology. W.H. Freeman and Company.</p> <p>• Rao, C.V.(2006). Immunology. Narosa Publishing House. New Delhi.</p> <p>• Arora, M. P. (2010). Immunology. Ane Books Pvt. Ltd.</p> <p>• Abbas KA, Lichtman HA (2003). Cellular and Molecular Immunology. Saunders Publication.</p> <p>• Sudha Gangal and Shubhangi Sontakke. (2013). Textbook of</p>

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		Basic and Clinical Immunology. Universities Press Private Limited.
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Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science(Autonomous)

Name of Faculty: Ms. Gautami Manakikar

Subject: SEC-Waste management techniques

Paper code: ZOO-III.SEC-1

Program: SY BSc

Division: -

Academic year: 2021- 2022

Semester: IV

Total Lectures: 15

Course Objectives:

- To familiarize students with the techniques of waste management.
- To encourage students to get hands on experience on techniques of managing waste.
- To help students understand the importance of reducing, reusing and recycling

Student Learning Outcome:

- CO1: Understand concept of types of waste, its transport and disposal.
CO2: Perform composting techniques / procedures.
CO3: Identify means of reducing waste production.
CO4: Plan and conduct research in areas of waste management.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	12/03/2022	26/03/2022	02	1.Sewage treatment 2.Medical waste	1. Poster presentation	Powerpoint presentation, Moodle	1. Singh, J & Saxena, & Bharti, A & Singh, Jaspal. (2018). The Importance of Waste Management to Environmental Sanitation: A Review. 202-207. 10.15515/abr.0976-4585.9.2.202207. 2. Da Zhu, P. U. (2008). Improving Municipal Solid Waste. Washington, D.C.: The World Bank. 3. Pleasant, B. (2012, november). how to make compost. Retrieved from mother earth news: https://www.motherearthnews.com/organicgardening/gardening-techniques/how-to-make-compostzm0z12onzsor
April	01/04/2022	29/04/2022	05	3.Bioremediation 4. Sanitary landfill 5.E-waste management 6.New Waste management rules of Govt 7.Poster presentation	2. Multiple Choice Questions		
May	06/05/2022	27/05/2022	05	8.Vermicomposting 9.Vermicomposting 10.Vermicomposting 11.Organic composting 12.Community Outreach activity	3.E-Portfolio		
June	03/06/2022	17/06/2022	03	13.Community Outreach activity 14.E-portfolio 15.E-Portfolio			

Component	Max Marks
CA1	20
CA 2	20
Practical	-
Project	-
Semester End Exam	60

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao - Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO – III.E-1

Program: SY BSc

Division: -

Academic year: 2021 - 2022

Semester: IV

Total Lectures: 15

Course Objectives:

- To familiarize students with the techniques of waste management.
- To encourage students to get hands on experience of waste management.
- To help students understand the importance of reducing reusing and recycling.

- Expected Course Outcome: To familiarize students with the techniques of waste management.
- To encourage students to get hands on experience of waste management.
- To help students understand the importance of reducing reusing and recycling.

Student Learning Outcome:

- Understand concept of waste, its transport and disposal.
- Perform composting techniques/procedures.
- Identify means of reducing waste production.
- Plan and conduct research in areas of waste management.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	11/03/22	25/03/22	1	<ul style="list-style-type: none"> Vermicomposting – Earthworms – biology, life cycle and feeding. 	MCQ, Poster presentation , E-portfolio	Google meet, PPT, CLAAP	<p>Ganguly B., Sinha A., Adhikari S. & Goswami B. (2016). <i>Biology of Animals</i> (Volume I) London: New Central Book Agency (P) Ltd.</p> <p>Jordan E.L. & Verma P. S. (2017). <i>Invertebrate Zoology</i>. New Delhi: S. Chand Publications.</p> <p>Prasad S.V., Ramesh A., Patidar C.P. (2016). <i>Soil Science</i>. New Vishal Publications.</p> <p>Manaiç Elena M (2016). Vermicomposting Efficiency and Quality of</p>
			1	<ul style="list-style-type: none"> Types of Earthworms- Morphological and ecological grouping – Epigeic, Anecic and Endogeic species 			
April	1/04/22	16/04/22	2	<ul style="list-style-type: none"> Nutrient value of Vermicompost Maintenance of composting Collection of vermicompost Marketing the products of vermiculture 			

April	18/04/22	30/04/22	1	<ul style="list-style-type: none"> • Small scale earthworm farming for home gardens. • Predator/pathogen control 		Vermicompost with Different Bedding Materials and Worm Food Sources as Substrate. <i>Research journal of Agriculture and Forestry Sciences</i> . Vol.4(1),1-3.
			1	New rules in waste management		
May	2/05/22	31/05/22	2	e poster		
			3	Vermicomposting		
June	1/06/22	17/06/22	2	Handmade paper		
			2	eportfolio		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	20
ISA 2	20
Practical	-
Project	-
Semester End Exam	60

Practical Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)

Name of Faculty: Ms. Filomena Pereira

Subject: Developmental Biology

Paper code: ZOO-V.C-7

Program: T.Y.B.Sc.

Division: -

Academic year: 2021- 2022

Semester: V

Total Lectures: 30

Course Objectives: This course is intended to understand the processes of fertilization, polyspermy and activation of egg metabolism. To know the basics of animal development, specifically in sea urchin and chick. To be familiar with the processes that help in the establishment of basic plan of development.

Expected Course Outcome:

Student Learning Outcome:

CO1: Understand the basic plan of animal development.

CO2: Know the processes which occur during the course of development in invertebrates and vertebrates.

CO3: Have the basic knowledge of developmental biology.

CO4: Know the concepts associated with development of embryo.

Month	Practical from	Practical to	No. of practicals allotted	Practical to be covered	Exercise given	ICT tools used	Reference
October	16/10/21	30/10/21	03	<ol style="list-style-type: none"> 1. Developmental stages of Sea urchin 2. Extra embryonic membranes in chick 3. Eye vesicle and limb buds in six days old chick embryo 	Prelab	-	Journal
November	15/11/2021	29/11/2021	08	<ol style="list-style-type: none"> 4. Study of morphogenetic movement in chick using vital stain 5. Preparation of permanent slide of 24 hours chick embryo 6. Preparation of permanent slide of 24 hours chick embryo 7. Preparation of permanent slide of 36 	Prelab		Journal

				hours chick embryo 8. Preparation of permanent slide of 48 hours chick embryo 9. Preparation of permanent slide of 72 hours chick embryo 10. PA1 11. Observation of permanent slides			
December	04/12/2021	18/12/2021	03	12. Observation of permanent slides 13. Observation of permanent slides 14. PA2	Prelab		Journal
January	03/01/2022	08/01/2022	01	15. PA3			

Lecture Plan							
Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)							
Name of Faculty: Ms. Filomena Pereira				Subject: Developmental Biology			
Paper code: ZOO-V.C-7			Program: T.Y.B.Sc.			Division: -	
Academic year: 2021- 2022			Semester: V			Total Lectures: 30	
<p>Course Objectives: This course is intended to understand the processes of fertilization, polyspermy and activation of egg metabolism. To know the basics of animal development, specifically in sea urchin and chick. To be familiar with the processes that help in the establishment of basic plan of development.</p>							
<p>Expected Course Outcome:</p>							
<p>Student Learning Outcome:</p> <p>CO1: Understand the basic plan of animal development.</p> <p>CO2: Know the processes which occur during the course of development in invertebrates and vertebrates.</p> <p>CO3: Have the basic knowledge of developmental biology.</p> <p>CO4: Know the concepts associated with development of embryo.</p>							
Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	05/10/2021	29/10/2021	12	1. Introduction	MCQ and SAQ		

				2. Why chick is a preferable study model	Google meet, Powerpoint presentation, Moodle	
				3. Structure of hen's egg		
				4. Cleavage in Chick		
				5. Primitive streak formation		
				6. Primitive streak formation		
				7. Gastrulation		
				8. Development upto three days of incubation		
				9. Development upto three days of incubation		
				10. Development upto three days of incubation		
				11. Extra embryonic membranes and functions		
				12. Development of yolk sac and amnion		
				13. Development of chorion and allantois		
				14. Revision		
				15. Revision		
November	10/11/2021	26/11/2021	06	16. Introduction to cell		Assignment

				division and cell cycle, Mitosis	
				17. Meiosis	
				18. Meiosis	
December	01/12/2021	17/12/2021	05	19. Structure of egg and sperm	
				20. Gamete fusion and prevention of polyspermy	
				21. Activation of egg metabolism	
				22. Fusion of genetic material	
January	05/01/2022	14/01/2022		23. Rearrangement of egg cytoplasm	
				24. Why sea urchin is a study model	
				25. Cleavage in sea urchin	
				26. Blastula and gastrulation in sea urchin	
				27. Fate maps determination in sea urchin	
				28. Embryonic stem cells	
				29. Embryonic stem cells	

			30. Revision			
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Component	Max Marks
CA1	30
CA 2	30
Practical	25
Project	-
Semester End Exam	45

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous), Margao-Goa

Name of Faculty: Ms. Shalma Mascarenhas

Subject: Zoology

Paper code: ZOO- V.E-11

Program: TY BSc

Division:

Academic year: 2021 - 2022

Semester: V

Total Lectures: 45

Course Objectives:

- To study distribution of organisms, their interrelations in populations and communities and interactions between biotic and abiotic components.
- To study impact of anthropogenic activities on ecosystem and study behaviour of organisms under natural conditions.

- Expected Course Outcome: To study distribution of organisms, their interrelations in populations and communities and interactions between biotic and abiotic components.
- To study impact of anthropogenic activities on ecosystem and study behaviour of organisms under natural conditions.

Student Learning Outcome:

- Student will gain better understanding in ecology and ethology.
- This course also has applied value towards conservation of biodiversity and sustainable development.

Month	Lecture From	Lecture To	No. of lect allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	05/10/2021	30/10/2021	12	<ul style="list-style-type: none"> • Introduction to Ecology • Ecosystem ecology • Population Ecology 	Assignment	Google meet/Power point presentation / CLAAP	1. Arora, Mohan. P. (2004) : Ecology , Himalaya Publishing House 2. Aubrey Manning and stamp Dawkins (1997) : An Introduction to Animal behaviour (fourth edition), Cambridge University Press. 3. Dash M. C. (2001) : Fundamental of Ecology , Tata Mc Graw – Hill publishing Company Limited New Delhi 4. Felicity Huntingford (1984) : The study of Animal behaviour , Chapman and Hall. 5. Hoshang S. Gundevia and Hare Govind Singh (2006) :
November	8/11/2021	30/11/2021	18	<ul style="list-style-type: none"> • Population ecology • Community ecology • Biodiversity and conservation • Introduction to ethology • Concept of Ethology 	Multiple choice questions		
December	1/12/2021	23/12/2021	12	<ul style="list-style-type: none"> • Approaches to studying behaviour • Pheromones • Hormones • Patterns of behaviour 	Assignment and SAQ		
January	3/1/2022	10/1/2021	3	<ul style="list-style-type: none"> • Communication behaviour 	SAQ		

						<p>A Text Book of Animal Behaviour, S. Chand & Company LTD. New Delhi-110055.</p> <p>6. Juneja Kavita (2002) : Ecology , Anmol Publications PVT. LTD. New Delhi-110002 (India)</p> <p>7. Mathur Reena (1994) : Animal Behaviour, Rastogi and Company, Meerut-250002 India.</p> <p>8. Rana, S. V. S.(2003) : Essentials of Ecology and Environmental Science ,Prentice-Hall of India Private Limited , New Delhi-110001</p> <p>9. Ranga, M. M.(2002) : Animal Behaviour Second Enlarged Edition , Agrobios (India)</p> <p>10. Robert A. Wallace (1938) : Animal Behaviour Its Development,</p>
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						<p>Ecology and Evolution , Goodyear Publishing Company, Inc. Santa Monica, California.</p> <p>11. Sharma P.D.(2014-15) : Ecology and Environment, Rastogi Publications. Meerut (12th revised edition) -25002.</p> <p>12. W.H. Thorpe (1979) : The Origins and rise of Ethology, Praeger Publishers</p>
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*** Assessment Rubrics**

Component	Max Marks
ISA 1	30
ISA 2	30
Practical	25
Project	-
Semester End Exam	45

Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)

Name of Faculty: Ms. Filomena Pereira

Subject: Fish Preservation and Processing

Paper code: ZOO-V.E-12

Program: T.Y.B.Sc.

Division: -

Academic year: 2021- 2022

Semester: V

Total Lectures: 30

Course Objectives: This course is intended to understand the processes of fertilization, polyspermy and activation of egg metabolism. To know the basics of animal development, specifically in sea urchin and chick. To be familiar with the processes that help in the establishment of basic plan of development.

Expected Course Outcome:

Student Learning Outcome:

CO1: Understand the basic plan of animal development.

CO2: Know the processes which occur during the course of development in invertebrates and vertebrates.

CO3: Have the basic knowledge of developmental biology.

CO4: Know the concepts associated with development of embryo.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	08/10/2021	29/10/2021	04	1. Introduction	OBE		

				2. Status of development of fishery and seafood processing industry		
				3. Status of development of fishery and seafood processing industry		
				4. Status of development of fishery and seafood processing industry		
				5. Status of development of fishery and seafood processing industry		
November	11/11/21	26/11/21	06	6. Status of development of fishery and seafood processing industry	Google meet, Powerpoint presentation, Moodle	

				7. Background and nutritional security		
				8. Role of fisheries in fishery sector		
				9. Role of TIFAC in fishery sector		
				10. IFP		
				11. INCOIS		
				12. CPUE		
December	02/12/2021	23/12/2021	06	13. MSY		
				14. Revision		
				15. Revision		
				16. Quality changes of chilled fish		
January	06/01/2022	15/01/22	13	17. Shelf life of chilled fish		
				18. Effect of hygiene during handling		
				19. Organoleptic testing		
				20. Assessment of fish quality		
				21. Quality assessment of fresh fish		
January	05/01/2022	14/01/2022		22. Quality assessment of fish products		
				23. Physical methods		

24. Assurance of fresh fish quality
25. Post harvest changes in fish
26. How does a fish loose its quality

			27. Fish as vectors of zoonotic diseases 28. Reasons for spoilage of fish 29. Methods of fish preservation 30. Methods of fish preservation		
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Assessment rubrics

Component	Max Marks
CA1	30
CA 2	30
Practical	25
Project	-
Semester End Exam	45

Lecture Plan

Name of the college: Parvatibai Chowgule College of Art's and Science (Autonomous) Margao Goa

Name of Faculty: Ms. Mithali Halarnkar

Subject: Zoology

Paper code:

Program: SY BSc

Division: A

Academic year: 2021- 2022

Semester: V

Total Lectures: 30

Course Objectives: This course will elucidate the functional aspects of the genetic material at molecular level, focusing on gene expression and gene regulation. It will also expose students to the basics of forensic science and understand diagnostic genetics.

Expected Course Outcome: Upon successful completion of the course, students will be able to:

CO1: Understand and explain the process of replication, transcription and translation

CO2: Differentiate between the gene expression in prokaryotes and eukaryotes

CO3: Understand the Branches of forensic science

CO4: know the application of molecular tools in genetic diagnosis

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
October	01/10/2021	31/10/2021	7	Module 1 - DNA replication in prokaryotes, Module 1 - DNA Replication in Eukaryotes Module 1 - Transcription: transcription Unit, mechanism of transcription in prokaryotes		Google meet, Power point presentation, Moodle LMS,	<i>J. Prahlow (2010); Forensic Pathology for Police, Death Investigators, Attorneys,</i>

				<p>Module 1 - Transcription: mechanism of transcription in eukaryotes</p> <p>Module 1 - Synthesis of rRNA and mRNA</p> <p>Module 1 - Transcription factors</p> <p>Module 1 - Translation: Genetic code</p>		You tube videos	<p><i>17 and Forensic Scientists, DOI 10.1007/978-1-59745-404-9_2, C Springer Science + Business Media, LLC (Ebook available)</i></p>
November	01/11/2021	30/11/2021	6	<p>Module 1 - Process of protein synthesis</p> <p>Module 1 - Difference between prokaryotic and eukaryotic translation</p> <p>Module 1 - Post Transcriptional Modifications and Processing of Eukaryotic RNA</p> <p>Module 1 - Post Transcriptional Modifications and Processing of Eukaryotic RNA</p> <p>Module 1 - Transcription regulation in prokaryotes - Principles of transcriptional regulation with examples from lac-operon</p> <p>Module 1 - Transcription regulation in prokaryotes - Principles of transcriptional regulation with examples from trp-operon</p>			
December	01/12/2021	31/12/2021	5	<p>Module 1 - Transcription regulation in eukaryotes: Activators, repressors</p> <p>Module 1 - Transcription regulation in eukaryotes: enhancers, silencers elements; Gene silencing</p> <p>Module 2 - Definition, overview of Disciplines of Forensic science</p> <p>Module 2 - Types of crime scenes – indoor and outdoor</p> <p>Module 2 - Securing and isolating the crime scene</p>		<p><i>Richard Saferstein (2011); Forensic</i></p>	

January	01/01/2022	15/01/2022	4	Module 2 - Crime scene search methods Module 2 - Safety measures at crime scenes Module 2 - Legal considerations at crime scenes. Module 2 - Documentation of crime scenes – photography, videography		<i>Science, II Edition, Prentice Hall publishers, Sanfrancisco</i>
Extra lectures Required			8	Module 2 - Documentation of crime scenes – sketching and recording notes. Module 2 - Forms of forensic evidences: Biological evidence Module 2 - Forms of forensic evidences: Biological evidence Module 2 - Forms of forensic evidences: Physical and trace evidence Module 2 - Forms of forensic evidences: Physical and trace evidence Module 2 - Types of forensic documents (genuine /forged), Module 2 - methods of detecting forged documents handwriting analysis Module 2 - methods of detecting forged documents Analysis of paper and inks)		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	Assignment, MCQ
ISA 2	SAQ, OBE
Practical	
Project	

Semester	
End Exam	

Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)

Name of Faculty: Ms. Prasanna Naik Gaonkar

Subject: Zoology

Paper code: ZOO-VLE-12

Program/Course: TY B.Sc.

Division: A

Academic year: 2021 - 2022

Semester: VI

Total Lectures: 30

Course Objectives:

1. To help students recognize the opportunities of enterprises in the field of life science
2. To encourage students to think independently and explore new vistas.
3. To familiarize them with the basic skills requires for a start up.

Course Learning Outcome:

1. understand concept of business Proposals
2. familiar with the methodologies and regulations required to start an enterprise
3. Identify opportunities available in life science for start-ups.
4. Generate Ideas and initiate a Business Plan.

Month	Lectures		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
	From:	To:					
march	15/02/2022	27/02/2022	06	1.Introductory lecture	Upon completion of 6 lectures in the month of April the students will be able to: 1.Understand and describe what entrepreneurship is. 2. describe the various entrepreneurial competencies required to be an entrepreneur and	Moodle (CLAAP) based. Prelab Work. Practical demonstration video, Online Journal, Practical PPT resource, Supplementary video., Google meet, Interpretation and critical analysis	1. Garg, M.C. (2015) Entrepreneurial development. Guset User. 2. Kolchinsky, P. (2004) The entrepreneurs guide to a biotech startup. 4th edition. www.evelexa.com 3. Simon, S. 2009. Start with why:
			2. Introduction to entrepreneurship				
			3.Introduction to a entrepreneur				
			4. entrepreneur Competencies				
			5. Entrepreneur Competencies				
			6. Goal setting				

					start a business venture. 3. Understand the reason why each competency is important for a startup		How great leaders inspire everyone to take action. Penguin Group (USA) Inc . 4.Welch, J. and Byrne, J.A. 2003. Straight from the gut. Business plus publishers.
April	01/03/2022	31/03/2022	15	7.Goal setting- Discussion	On completion of 15 lectures in the month of march the students will be able to: 1.understand how goal setting is done to start a new business venture. 2. What bioentrepreneurship is and how science and biotechnology are important to start a business. 3. describe the process of how to build a bioentreprise. 4. Describe the various factors important to be innovative and to be able to have their own innovation. 5. understand the different ways of raising funds , that is public and private. 6. describe and understand the	Google classroom/Power point presentation/ Moodle LMS	1. Garg, M.C. (2015) Entrepreneurial development. Guset User. 2. Kolchinsky, P. (2004) The entrepreneurs guide to a biotech startup. 4th edition. www.evelexa.com 3. Simon, S. 2009. Start with why: How great leaders inspire everyone to take action. Penguin Group (USA) Inc . 4.Welch, J. and Byrne, J.A. 2003. Straight from the gut. Business plus publishers.
				8.Bioentrepreneurship			
				9. Building a bioentreprise			
				10.Introduction to innovation			
				11. identifying buisness apportunities			
				12. Identifying buisness opportunities			
				13. Raising funds - public			
				14. Raising funds - private			
				15.Intellectual property rights- discussion forum			
				16. Intellectual Property Rights			
				17. Intellectual Property Rights			
				18.Trademark of biological resources			
				19.Trademark			
				20. Biosafety- Introduction			
				21. Implementations of biosafety			

					<p>various intellectual property rights.</p> <p>7. understand and compare the difference and importance of trademark and safety measures.</p> <p>8. describe and understand the implementations of biosafety.</p>		
May	05/04/2022	17/04/2022	09	22. Quality control in entrepreneurship	<p>On completion of 09 lectures in the month of April the students will be able to :</p> <p>1. Understand the importance of quality control in entrepreneurship.</p> <p>2. Understand the various guidelines given by WHO in regard to Bioentrepreneurship.</p> <p>3. Describe the process involved in the setting up a research organization.</p> <p>4. list down the requirements and permits for setting up a research laboratory.</p>	<p>Google classroom/Power point presentation/ Moodle LMS</p>	<p>1. Garg, M.C. (2015) Entrepreneurial development. Guset User.</p> <p>2. Kolchinsky, P. (2004) The entrepreneurs guide to a biotech startup. 4th edition. www.evelexa.com</p> <p>3. Simon, S. 2009. Start with why: How great leaders inspire everyone to take action. Penguin Group (USA) Inc .</p> <p>4. Welch, J. and Byrne, J.A. 2003. Straight from the gut. Business plus publishers.</p>
				23. Quality control in entrepreneurship			
				24. WHO guidelines			
				25. WHO guidelines			
				26. Setting up of contract research organization			
				27. Starting a research laboratory			
				28. starting a research laboratory			
				29. Permits			
				30. Permits Discussion and Revision			

Health and Nutrition (Theory) Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous) Margao Goa

Name of Faculty: Ms. Mithali Halarnkar

Subject: Zoology

Paper code: ZOO-VI-E-13

Program: SY BSc

Division:

Academic year: 2021- 2022

Semester: IV

Total Lectures: 30

Course Objectives:

- This course is an introduction to the nutrients, their functions and role in maintaining good health of humans.

Expected Course Outcome: Upon successful completion of the course, students will be able to:

CO1: Know about nutrients and their function

CO2: Read and interpret food labels.

CO3: Correlate role of lifestyle and food habits in causing diseases.

CO4: Prepare Diet Plans for different age group individuals.

Month	Lecture	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
March	11/03/2022	1	UNIT 1: Definition of health and nutrition		Power point presentati	<i>Mudambi, SR and Rajagopal, MV. (2007).</i>
	12/03/2022	1	UNIT 1: Scope of nutrition, food as a source of nutrients			

	19/03/2022	1	UNIT 1: Nutrients and energy		on/ PDF/ Moodle LMS/ youtube videos	<i>Fundamentals of Foods, Nutrition and Diet Therapy; Fifth Ed; New Age International Publishers.</i>
	25/03/2022	1	UNIT 1: Adequate, optimum and balanced diet			
	26/03/2022	1	UNIT 1: Malnutrition and health.			
	01/04/2022	1	UNIT 2: Carbohydrates, lipids, proteins - definition, classification, structure and properties.			
	08/04/2022	1	UNIT 2: Carbohydrates, lipids, proteins - definition, classification, structure and properties			
April	09/04/2022	1	UNIT 2: Significance of acid value, iodine value and saponification value of lipids			
	16/04/2022	1	UNIT 2: Essential amino acids			
	22/04/2022	1	UNIT 2: Non-essential amino acids			
	23/04/2022	1	UNIT 2: Enzymes- definition, classification, properties			
	29/04/2022	1	UNIT 2: Coenzymes, vitamins (fat soluble and water soluble), structure and properties			
	30/04/2022	1	UNIT 2: Minerals- iron, calcium			
	06/05/2022	1	UNIT 2: Minerals- phosphorus, iodine			
	07/05/2022	1	UNIT 2: Minerals- selenium and zinc and their properties			
May	13/05/2022	1	UNIT 3: Biochemical role and dietary sources of carbohydrates			
	14/05/2022	1	UNIT 3: Biochemical role and dietary sources of lipids			
	20/05/2022	1	UNIT 3: Biochemical role and dietary sources of proteins			

Srilakshmi B. (2002). Nutrition Science; New Age International (P) Ltd.

Srilakshmi B. (2007). Food Science; Fourth Ed; New Age International (P) Ltd.

Swaminathan M. (2009). Handbook of Foods and Nutrition; Fifth Ed; 1986; BAPPCO.

Bamji MS, Rao NP, and Reddy V. Text Book of Human Nutrition; Oxford & IBH

	21/05/2022	1	UNIT 3: Biochemical role and dietary sources of fat soluble vitamins-A, D, E and K		<i>Publishing Co. Pvt Ltd.</i> <i>Wardlaw GM, Hampl JS. (2007). Perspectives in Nutrition; Seventh Ed; McGraw Hill</i> <i>Lakra P, Singh MD. (2008). Textbook of Nutrition and Health; First Ed; Academic Excellence.</i>
	27/05/2022	1	UNIT 3: Biochemical role and dietary sources of water soluble vitamins – thiamin, riboflavin, niacin, pyridoxine, folate, vitamin B12 and vitamin - C		
	28/05/2022	1	UNIT 3: Biochemical role and dietary sources of Minerals – calcium, iron and iodine		
	03/06/2022	1	UNIT 3: Changes of nutrient value during cooking of cereals and pulses		
	04/06/2022	1	UNIT 3: Changes of nutrient value during cooking of vegetables.		
June	10/06/2022	1	UNIT 3: Nutrient loss - dry, moist, frying and microwave cooking		
	11/06/2022	1	UNIT 3: Nutrient loss - dry, moist, frying and microwave cooking		
	17/06/2022	1	UNIT 4: Physiological considerations, nutrient needs and dietary pattern of adults		
	18/06/2022	1	UNIT 4: Physiological considerations, nutrient needs and dietary pattern of pregnant and nursing mothers		
Extra lectures		1	UNIT 4: Physiological considerations, nutrient needs and dietary pattern of infants, pre-school		
		1	UNIT 4: Physiological considerations, nutrient needs and dietary pattern of children, adolescents		
		1	UNIT 4: Physiological considerations, nutrient needs and dietary pattern of geriatric nutrition		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	
ISA 2	
Practical	
Project	
Semester End Exam	

Lecture Plan		
Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)		
Name of Faculty: Ms. Filomena Pereira	Subject: Wildlife Biology	
Paper code: ZOO-VI.C-8	Program: T.Y.B.Sc.	Division: -
Academic year: 2021- 2022	Semester: VI	Total Lectures: 30
Course Objectives: This course is designed to enable students to understand the basics of wildlife status, conservation, assessment and management.		
Expected Course Outcome:		
<p>Student Learning Outcome: At the end of this course, students will be able to</p> <ul style="list-style-type: none"> Apply the techniques used in assessment and monitoring of wildlife. Understand the basics of wildlife status, conservation, assessment and management. Know about the diversity, extent, range of wildlife population dynamics. Know the rules, regulations and factors governing wildlife 		

Month	Lecture from	Lecture to	No. of lectures allotted	Topic/ sub topic to be covered	Exercise/ Assignment	ICT tools	Reference books
March	11/03/2022	28/03/2022	06	1. Introduction to wildlife 2. Values of wildlife	Read more on the topics	Power point presentations	Verma P.S., (2021). <i>Chordate Zoology</i> . S.

				<ul style="list-style-type: none"> 3. Conservation ethics 4. Importance of conservation 5. Causes of depletion 			Chand Publications, India.
April	01/04/2022	29/04/2022	09	<ul style="list-style-type: none"> 6. World conservation strategie 7. Evaluation and management of wildlife: Habitat analyses 8. Physical parameters: Topography, Geology, Soil and water 9. Biological Parameters: food, cover, forage, browse and ground cover estimation 10. Standard evaluation procedures: remote sensing and GIS 	Read more on the topics	Power point presentations	Verma P.S., (2021). <i>Chordate Zoology</i> . S. Chand Publications, India.
May	02/05/2022	30/05/2022	09	<ul style="list-style-type: none"> 11. Population estimation: Population 	Read more on the topics	Power point presentations	Verma P.S., (2021). <i>Chordate</i>

				<p>density, natality, mortality, fertility schedules and sex ratio computation.</p> <p>12. Analysis of scat and dropping of ungulates and carnivores.</p> <p>13. Trichotaxonomy</p> <p>14. Pug marks and census method based on indirect evidences.</p> <p>15. Protected Area network (PAN): National parks and wildlife sanctuaries</p>			<p><i>Zoology</i>. S. Chand Publications, India.</p>
June	03/06/2022	17/06/2022	06	<p>16. . • Biogeographical features of important features of protected areas in India (any 3)</p> <p>17. Tiger conservation - tiger reserves in India,</p>	Read more on the topics	Power point presentations	<p>Verma P.S., (2021). <i>Chordate Zoology</i>. S. Chand Publications, India.</p>

				challenges and management of tiger reserves			
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Semester Lecture Plan

Name of the college: Parvatibai Chowgule College of Arts and Science (Autonomous)

Name of Faculty: Ms. Prasanna Naik Gaonkar

Subject: Zoology

Paper code: ZOO-VI.C-8

Program/Course: TY B.Sc.

Division: A

Academic year: 2021 - 2022

Semester: VI

Total Lectures: 15

Course Objectives:

This course is designed to enable students to understand the basics of wildlife status, conservation, assessment and management.

Course Learning Outcome:

1. Apply the techniques used in assessment and monitoring of wildlife.
2. Understand the basics of wildlife status, conservation, assessment and management.
3. Know about the diversity, extent, range of wildlife population dynamics.
4. Know the rules, regulations and factors governing wildlife.

Month	From:	Lectures To:	No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
March	15/03/2022	25/03/2022	04	1. Introduction	On Completion of 04 lectures in march the students will be able to: 1. Describe the various techniques and processes involved in management of habitats. 2. Understand the process of setting back succession as a tool in habitat management.	Google classroom/Power point presentation/ Moodle LMS	<ul style="list-style-type: none"> ▪ Dubois, S., & Fraser, D. (2013). A Framework to Evaluate Wildlife Feeding in Research, Wildlife Management, Tourism and Recreation. <i>Animals</i>, 3(4), 978-994. doi: 10.3390/ani3040978 ▪ Miller, J., & Hobbs, R. (2007). Habitat Restoration? Do We Know What We're Doing?. <i>Restoration Ecology</i>, 15(3), 382-390. doi: 10.1111/j.1526-100x.2007.00234.x ▪ Sonant, K., & Maestro, D. (2006). <i>Baiting and Supplemental Feeding of Game Wildlife Species</i> [Ebook]. Bethesda: The Wildlife Society. Retrieved from
				2. Management of habitats			
				3. Setting back succession, grazing logging			
				4. Mechanical treatments and advancing succession process			

					3. Describe the process of mechanically treating habitats and advancing the succession process.		https://wildlife.org/wp-content/uploads/2014/05/Baiting06-1.pdf <ul style="list-style-type: none"> WallisDeVries, M., Bakker, J., & Van Wieren, S. (1998). <i>Grazing and Conservation Management</i>. Kluwer Academic Publishers
April	01/04/2022	25/04/2022	07	5. Artificial feeding grounds	On completion of 07 lectures in the month of March the students will be able to: 1.Understand the importance of artificial feeding grounds, its merits and demerits. 2. Importance of preserving the genetic diversity. 3. Describe techniques used to restore habitats. 4.How to manage wildlife in protected areas. 5. Difference between habitat carrying capacity and visitors carrying capacity. 6.Importance of ecotourism and wildlife tourism.	Google classroom/Power point presentation/ Moodle LMS	<ul style="list-style-type: none"> Dubois, S., & Fraser, D. (2013). A Framework to Evaluate Wildlife Feeding in Research, Wildlife Management, Tourism and Recreation. <i>Animals</i>, 3(4), 978-994. doi: 10.3390/ani3040978 Miller, J., & Hobbs, R. (2007). Habitat Restoration?Do We Know What We're Doing?. <i>Restoration Ecology</i>, 15(3), 382-390. doi: 10.1111/j.1526-100x.2007.00234.x Sonant, K., & Maestro, D. (2006). <i>Baiting and Supplemental Feeding of Game Wildlife Species</i>[Ebook]. Bethesda: The Wildlife Society. Retrieved from https://wildlife.org/wp-content/uploads/2014/05/Baiting06-1.pdf WallisDeVries, M., Bakker, J., & Van Wieren, S. (1998). <i>Grazing and Conservation Management</i>. Kluwer Academic Publishers
				6. Preservation of diversity			
				7. Restoration of habitats			
				8. Management planning of wildlife in protected areas			
				9; Habitat carrying capacity, visitors carrying capacity			
				10.Ecotourism / wildlife tourism,			
				11.Role of national state statutory bodies on wildlife			
May	01/05/2022	15/05/2022	04	12. Management of critical population	On completion of 04 lectures in the month of April the students will be able to:	Google classroom/Power point presentation/ Moodle LMS	<ul style="list-style-type: none"> Dubois, S., & Fraser, D. (2013). A Framework to Evaluate Wildlife Feeding in

				13. Radiotelemetry	<p>1. Describe the processes involved in the management of critical populations.</p> <p>2. understand the technique radiotelemetry as a tool for wildlife management.</p> <p>3. Understand the techniques and process of taking care of the injured and diseased animal.</p> <p>4. Describe the various diseases the wild animals are susceptible to and the importance of translocation and captive management.</p>	Google classroom/Power point presentation/ Moodle LMS	<p>Research, Wildlife Management, Tourism and Recreation. <i>Animals</i>, 3(4), 978-994. doi: 10.3390/ani3040978</p> <ul style="list-style-type: none"> ▪ Miller, J., & Hobbs, R. (2007). Habitat Restoration? Do We Know What We're Doing?. <i>Restoration Ecology</i>, 15(3), 382-390. doi: 10.1111/j.1526-100x.2007.00234.x ▪ Sonant, K., & Maestro, D. (2006). <i>Baiting and Supplemental Feeding of Game Wildlife Species</i> [Ebook]. Bethesda: The Wildlife Society. Retrieved from https://wildlife.org/wp-content/uploads/2014/05/Baiting06-1.pdf <p>WallisDeVries, M., Bakker, J., & Van Wieren, S. (1998). <i>Grazing and Conservation Management</i>. Kluwer Academic Publishers</p>
				14. care of injured and diseased animal		Google classroom/Power point presentation/ Moodle LMS	
				15. Diseases , capture and translocation, Captive management – Discussion		Google classroom/Power point presentation/ Moodle LMS	