

Part A Introduction

Program: Certificate	Class B.A. 1 SEM	Year:2022	Session:2022-2023
Subject: Economics			
Course Code	A1-ECON-1T		
Course Type (Core Course/ Elective Course)	CORE COURSE		
Course Title	Micro Economics (Paper 1)		
Credit Value	06		
Total marks	Max. Marks :60+40		Min. Passing in Marks:35
Pre -requisite	12 th pass in Any Discipline		
Course Objectives:	<p>CO-1. The main objective of this paper is to introduce the student to basic understanding of the Indian economy and measurement of various macro-economic variables.</p> <p>CO-2. Students will be able to evaluate the consequences of economic activities on institution, individual and social welfare.</p> <p>CO-3. To make awareness among the students about various economic issues in India.</p> <p>CO-4...Organizing social and economic activities such as business club, exhibitions, effective salesmanship, and business fair for development of commercial attitude among the students</p>		
Course learning outcomes:- CLO	<p>After completing this, students will be able to understand behavior and fundamentals of microeconomics. They will be able to explain consumers and producer's behavior and their optimum decisions .They will able to know about firms and Industry .markets and their decisions about optimum production. They They will be also able to explain the theory of distribution and concept of economic welfare. Learning microeconomics is an excellent way to gain an understanding of many factors that affect us in the real-world such as</p>		

	methods of buying goods, product pricing and input pricing. Ultimately learning microeconomics is key in learning about the principles of economics.	
Part B- Course Contents:		
Total No of Lectures-Tutorials – Practical (in hours per week): 3 hours		
UNIT	Topics	No of Lectures
I Introduction Of Economics	<ol style="list-style-type: none"> 1. Definition, Scope and nature of economics 2. Relation of economics with other Social Science Subjects 3. Postive and Normative Economics 4. Methods of economics analysis-Inductive and Deductive 5. Basic Concept :- Commodity Value and Price, Rational Behavior. Economics Laws Wants and choices 6. Central Problems of An Economy – Production Possibility Curve 	18 Lectures
II Consumer Behavior	<ol style="list-style-type: none"> 1. Cardinal Approach –Utility ,Marginal Utility and Total Utility 2. Law of diminishing marginal utility 3 Law of EquiMarginal Utility Consumer’s Surplus 4. Ordinal Approach – Indifference Curves Meaning characteristic and consumers equilibriums 5. Behavioural Approach –Revealed Preference Theory. 6. Law of Demand and its exceptions, Giffin goods 7. Elasticity of demand; Price Income and Cross 	18 Lectures

<p>III Production</p>	<ol style="list-style-type: none"> 1.Law of Supply and Elasticity of Supply 2.Production function 3.Law of Variable Proportions 4>Returns to Scale 5.ISO- Product Curves- Meaning and characteristics 6. producer's equilibrium 7. Economics of Scale 8. Concept of cost and Revenue- Total, Marginal & Average 	<p>18 Lectures</p>
<p>IV Market and Price Determination</p>	<ol style="list-style-type: none"> 1. Meaning, and classification of Market 2.Perfect Competition- Meaning and characteristics 3.Perfect Competition and Pure Competition 4.Determination of Price and Output under Perfect Competition 5.Determination of Price and Output under Monopoly Competition 6.Monopolistic Competition 	<p>18 Lectures</p>
<p>V Theory of Factor Pricing Madhya Pradesh</p>	<ol style="list-style-type: none"> 1. Marginal Productivity Theory 2. Theory of distribution <ol style="list-style-type: none"> a.Rent. b.Wages c.Interest d.Profit 3. Concept of Welfare Economics 	<p>18 Lectures</p>
<p>Key words: Positive Economics. Normative Economics , Inductive And Deductive Methods, Consumer Behavior, Production function, Perfect Competition, Monopoly, Monopolistic, Marginal Productivity</p>		

Part c- Learning resources

Reference Books ,Other resources

Suggested Equivalent online course:

<https://www.mcafee,ce.cc/introecon/IEA2007.pdf>

Suggested Digital platform:

. 1.<https://eep.inflibnet.ac.in/Home/Viewssubject?catid=11>

2.https://wwwswayamprabha.gov.in/index.php/channel_profile/profile/7

BA I Year: English Literature

Part A Introduction			
Program: Certificate Course	Class: BA	Ist. Sem / II Sem	Session: 2022-2023
Subject: English Literature (Theory)			
1	Course Code	AI-ELIIT	
2	Course Title	Study of Drama (Paper I, Theory)	
3	Course Type (Core Course/Elective/Generic Elective/Vocational/.....)	Core Course	
4	Pre-requisite (if any)	To study this course, a student must have had the subject English Language/ English Literature in class 12 th .	
5	Course Learning outcomes (CLO)	<p>The course will inculcate team work, communicative ability, creativity and aesthetic sense in students, enabling them to understand, in detail, drama and the theatre. Through this course, the students will acquire the knowledge of</p> <ul style="list-style-type: none"> • Different genres of drama, like comedy, tragedy, epic theatre, and commedia dell'arte • Distinctive features of Sanskrit, Greek, English, American, and Indian plays • Dramatic techniques and elements like plot, theme, character, spectacle and narrative 	
6	Credit Value	4 (Theory) + 2 (Practical)	
7	Total Marks	Max. Marks: 60+40	Min. Passing Marks: 35
Part B- Content of the Course			
Total No. of (Theory) Lectures (in hours per week): 02			
Total (Theory) Lectures: 60			
Unit	Topics	No. of Lectures	
I	<ul style="list-style-type: none"> • Classical Drama <p style="margin-left: 40px;">1.1 Sophocles: Oedipus Rex - Story</p> <p>Keywords: Sanskrit theatre, Rasa theory, Classical tragedy, Greek tragedy, Greek theatre, Trilogy, Plot structure, Oedipus Complex, Electra Complex, Epic theatre</p>	15	
II	<ul style="list-style-type: none"> • Renaissance Drama <p style="margin-left: 40px;">2.1 Christopher Marlow: Dr. Faustus</p>	18	

	<p>2.2 William Shakespeare: Tragedy in <i>The Merchant of Venice</i></p> <p>Keywords: <i>Renaissance. Characteristics of literary renaissance. Elizabethan drama. Elizabethan comedy. Morality plays. Elizabethan Tragedy. Catharsis</i></p>	
III	<ul style="list-style-type: none"> • Restoration Drama <p>3.1 John Dryden: All for Love</p> <p>Keywords: <i>Restoration drama. Restoration comedy. Comedy of manners. Heroic couplet. Restoration of monarchy. Rejection of Puritanism. Satire. Faith and Politics</i></p>	12
IV	<ul style="list-style-type: none"> • Indian Drama <p>4.1 Girish Karnad: Hayavadana</p> <p>Keywords: <i>Indian English Drama. Indian society. Morality. Modern Indian theatre. Regional drama. Gender concern. Mythical and social elements</i></p>	15

Part C-Learning Resources

Text Books, Reference Books, Other resources

Suggested Readings:

- Boulton, Marjorie. *The Anatomy of Drama*. London: Routledge and Kegan Paul Ltd., 1959.
- Charlton, H.B. *Shakespearean Comedy*. Routledge Kegan and Paul, 1966.
- Karnad, Girish. *Girish Karnad: Three Plays*. New Delhi: OUP, 2002.
- Nicoll, Allardyce. *British Drama*. Delhi: Doaba House.
- Stanivukovic, Goran, and John Cameron. *Tragedies of the English Renaissance: An Introduction (Renaissance Dramas and Dramatists)*. 1st ed., Edinburgh University Press, 2018.
- Straub, Kristina, et al. *The Routledge Anthology of Restoration and Eighteenth-Century Drama*. 1st ed., Routledge, 2017.

Suggested digital platforms weblinks:

	Section (C) : Two Long Questions (500 Words Each)	
Any remarks/ suggestions:		

Part A Introduction			
Program: Certificate Course	Class: BA	Ist. Sem / II Sem	Session: 2022-23
Subject: English Literature (Practical)			
1	Course Code	AI-ELITAP	
2	Course Title	Applied Drama (Paper 1, Practical)	
3	Course Type (Core Course/Elective/Generic Elective/Vocational/.....)	Core Course	
4	Pre-requisite (if any)	To study this course, a student must have had the subject English Language/English Literature in class 12 th .	
5	Course Learning outcomes (CLO)	<p>The course will inculcate team work, communicative ability, creativity and aesthetic sense in students, enabling them to understand, in detail, drama and the theatre. Through this course, the students will acquire the knowledge of</p> <ul style="list-style-type: none"> • Different genres of drama, like comedy, tragedy, epic theatre, and commedia dell'arte • Distinctive features of Sanskrit, Greek, English, American, and Indian plays • Dramatic techniques and elements like plot, theme, character, spectacle and narrative 	
6	Credit Value	2	
7	Total Marks	Max. Marks: 60+40	Min. Passing Marks.. 35
Part B- Content of the Course			
Total No. of (Practical) Lectures- (in hours per week): 01 Practical			
Total (Practical) Lectures: 30			
Unit	Topics	No. of Practicals /Lectures	
I	1. American Drama	10	

	<p>1.1 Arthur Miller: All My Sons</p> <p>Keywords: <i>American drama. American tragedy. Native themes. American theatre. Realism in American drama. American dream. Urban plays. Eugene O'Neill. Feminist drama</i></p>	
II	<p>2. Modern Drama</p> <p>2.1 JM Synge: Riders to the Sea</p> <p>Keywords: <i>Modern drama. Problem plays. Realism. Symbolism. Celtic literature. Tragedy. Modernism. Protest drama. Drama of the twentieth century.</i></p>	10
III	<p>3. Applied Drama : Problems and Prospects.</p> <p>3.1 Difference between comedy, tragedy and tragicomedy: Theme, plot, diction, characters, comic elements, stage and costumes.</p> <p>3.2 Dialogue, action, conflict and mood of the audience</p> <p>3.3 Rising and falling action and climax</p> <p>Keywords: <i>Catastrophe. Spectacle. Catharsis. Exposition. Antagonist. Melodrama</i></p>	10

Part C-Learning Resources

Text Books, Reference Books, Other resources

Suggested Readings:

- Ibsen, Henrik, et al. *Ibsen: 4 Major Plays. Vol. 2: Ghosts/An Enemy of the People/The Lady from the Sea/John Gabriel Borkman (Signet Classics)*. Reissue, Signet, 2001.
- Krasner, David. *A Companion to Twentieth-Century American Drama*. 1st ed., Wiley-Blackwell, 2007.
- Lopez, Jeremy. *The Routledge Anthology of Early Modern Drama*. 1st ed., Routledge, 2020.
- Miller, Arthur, and Christopher Bigsby. *All My Sons (Penguin Classics)*. New Ed, Penguin Classics, 2000.

O'Neill, Eugene, and Harold Bloom. *Long Day's Journey into Night*. 2nd ed., Yale University Press, 2002.

Watt, Stephen, and Gary Richardson. *American Drama: Colonial to Contemporary*. 1st ed., Heinle & Heinle Pub, 1994.

Williams, Tennessee. *A Streetcar Named Desire (Modern Classics (Penguin))*. 5th or later Edition, Penguin Books, 2009.

Suggestive digital platforms web links

"American Literature - Drama." *Encyclopedia Britannica*, 2019,

www.britannica.com/art/American-literature/Drama

Wikipedia contributors. "Theater in the United States." *Wikipedia*, 18 May 2021, en.wikipedia.org/wiki/Theater_in_the_United_States.

Suggested equivalent online courses:

- https://www.onlinecourses.swayam2.ac.in/ccc21_lg03/preview "MODERN EUROPEAN DRAMA - Course." SWAYAM
- <https://www.classcentral.com/course/modpo-356> Modern Drama – Free online Drama Course

Format for Syllabus of Paper (Theory + Tutorial)-Not applicable

Part A Introduction			
Program: Certificate Course	Class': BA	Ist. Sem / II Sem	Session: 2022-23
Subject: English Literature (Theory + Tutorial)			
1	Course Code		
2	Course Title		
3	Course Type (Core Course/Elective/Generic Elective/Vocational/.....)		
4	Pre-requisite (if any)		
5	Course Learning outcomes (CLO)		
6	Credit Value (T+P)		
7	Total Marks		
Part B- Content of the Course			
Total No. of Lectures-Tutorials-Practical (in hours per week): 03			
L-T-P: 90 Hours			
Unit	Topics	No. of Lectures	No of Tutorial

Part C-Learning Resources

Text Books, Reference Books, Other resources

Suggested Readings:

Suggested equivalent online courses:

Part D-Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Any remarks/ suggestions:

Note: Please include the Tutorial related information (if any) in this format.

सैद्धान्तिक प्रश्न पत्र के पाठ्यक्रम हेतु प्रारूप

(भाग-अ) परिचय			
कार्यक्रम : यूजी लेवल प्रमाण-पत्र	कक्षा : बी.ए. प्रथम सेमेस्टर	वर्ष प्रथम वर्ष	सत्र 2022-23
विषय : हिन्दी साहित्य			
1	पाठ्यक्रम का कोड	A1-HLIT-1T	
2	पाठ्यक्रम का शीर्षक	हिन्दी काव्य (प्रथम प्रश्न पत्र)	
3	पाठ्यक्रम का प्रकार	कोर कोर्स	
4	पूर्वापेक्षा (Prerequisite)	इस कोर्स का अध्ययन करने के लिए, विद्यार्थी ने किसी भी विषय से कक्षा 12वीं प्रमाण पत्र / डिप्लोमा किया हो, पात्र है।	
5	पाठ्यक्रम अध्ययन की परिलब्धियां (कोर्स लर्निंग आउटकम) (CLO)	<ol style="list-style-type: none"> 1. इस पाठ्यक्रम के अध्ययन स विद्यार्थी हिन्दी काव्य की सुदीर्घ परम्परा से परिचित होंगे। 2. प्रसिद्ध रचनाओं के अध्ययन से देश की सामाजिक सांस्कृतिक एवं राष्ट्रीय पृष्ठीमि से सुविज्ञ होंगे। 3. विद्यार्थियों के व्यक्तित्व का विकास होगा, उनकी जीवन दृष्टि का विस्तार होगा जिससे वह जीवन एवं जीवन मूल्यों को समझने में सक्षम होंगे। 4. रचनात्मक कौशल में दक्षता होगी जिससे उन्हें रोजगार की अनेक संभावनाएँ मिलेगी। 	
6	क्रेडिट मान	06	
7	कुल अंक	अधिकतम अंक 6040	न्यूनतम उत्तीर्ण अंक 35

भाग ब - पाठ्यक्रम की विषयवस्तु		
व्याख्यान की कुल संख्या - 90 (प्रति सप्ताह घंटे में 02)		
इकाई	विषय	व्याख्यान की संख्या
इकाई-1	<p>भारतीय ज्ञान परंपरा के अन्तर्गत हिन्दी साहित्य के इतिहास की पृष्ठीभूमि एवं प्रमुख कवि</p> <p>1. हिन्दी साहित्य के इतिहास की पृष्ठीभूमि -</p> <p>1.1 काल विभाजन एवं नामकरण</p> <p>1.2 आदिकाल की सामाजिक एवं सांस्कृतिक पृष्ठीभूमि</p> <p>1.3 आदिकालीन काव्य धाराएँ एवं प्रवृत्तियाँ</p> <p>1.4 आदिकालीन कवि</p> <p>2. प्रमुख कवि -</p> <p>2.1 गोरखनाथ (व्याख्या एवं समीक्षा)</p> <p>गोरखबानी सबदी - पद सं. 2, 4, 7, 8, 16 राग रामग्री पद 10, 11</p> <p>2.2 चंदबरदाई (व्याख्या एवं समीक्षा)</p> <p>पृथ्वीराज रासो -</p> <p>कनवज्जा समय - कवित 144, 145, 146</p> <p>2.3 विद्यापति (व्याख्या एवं समीक्षा)</p> <p>पदावली पद सं. 1, 49, 54, 55, 58</p>	16
इकाई-2	<p>1. भक्तिकाल एवं प्रमुख कवि</p> <p>1.1 भक्ति आंदोलन सामाजिक, सांस्कृतिक पृष्ठभूमि</p> <p>1.2 काव्य धाराएँ एवं प्रवृत्तियाँ</p> <p>1.3 प्रमुख निर्गुण एवं सगुण कवि, भक्तिकाल की प्रवृत्तियाँ</p> <p>2. प्रमुख कवि - निर्गुण मार्गी</p> <p>2.1 कबीरदास (व्याख्या एवं समीक्षा)</p> <p>साखी - गुरुदेव को अंग 1, 5, 7, 11, 13</p> <p>विरह को अंग 4, 10, 12, 20, 23</p> <p>पद</p> <ul style="list-style-type: none"> • दुलहनी गावहु मंगलचार • पंडित बाद बंदते झूठ 	18

	<ul style="list-style-type: none"> • लोका मति के भोरा रे • बोलौ भाई राम की दुहाई <p>2.2 मलिक मोहम्मद जायसी (व्याख्या एवं समीक्षा) मनसरोदक खण्ड - पदसं 1 से 3</p> <p>3. प्रमुख कवि - सगुणमार्गो</p> <p>3.1 सूरदास (व्याख्या एवं समीक्षा) पद सं. 21, 23, 25, 85</p> <p>3.2 गोस्वामी तुलसीदास (व्याख्या एवं समीक्षा) अयोध्याकाण्ड - मागी नाव न केवटु आना। कहइ तुम्हार मरमु मै जाना।। से बिदा कीन्ह करुनायतन भगति विमल बरु देइ। (102 दोहा तक)</p>	
इकाई-3	<p>1. रीतिकाल की पृष्ठीभूमि एवं प्रमुख कवि</p> <p>1.1 रीतिकाल की सामाजिक, सांस्कृतिक पृष्ठभूमि</p> <p>1.2 रीतिकालीन साहित्य के प्रमुख भेद - रीतिसिद्ध, रीतिबद्ध और रीतिमुक्त</p> <p>1.3 रीतिकाल की प्रवृत्तियाँ</p> <p>2. प्रमुख कवि</p> <p>2.1 बिहारी (व्याख्या एवं समीक्षा) छोहा कं. 1, 16, 18, 20, 21, 25, 27, 28, 37, 46</p> <p>2.2 भूषण (व्याख्या एवं समीक्षा) शिवा बावनी पद सं. 4, 25, 26 छत्रसाल दशक पद सं. 1.7</p>	16
इकाई-4	<p>1. आधुनिककाल की पृष्ठीभूमि एवं प्रमुख कवि</p> <p>1.1 आधुनिक काल की सामाजिक, सांस्कृतिक पृष्ठभूमि, पुर्नजागरण काल, हिन्दी नवजागरण काल एवं प्रवृत्तियाँ</p> <p>1.2 भारतेन्दु युगीन साहित्य एवं प्रवृत्तियाँ</p> <p>1.3 द्विवेदी युगीन साहित्य एवं प्रवृत्तियाँ</p> <p>1.4 छायावाद युगीन साहित्य एवं प्रवृत्तियाँ</p> <p>2. प्रमुख कवि</p>	20

	<p>2.1 भारतेन्दु हरिश्चन्द्र (व्याख्या एवं समीक्षा) हिन्दी भाषा-निज भाषा उन्नति अहे, सब उन्नति को मूल (10 दोहे)</p> <p>2.2 अयोध्यासिंह उपाध्याय 'हरिऔध' (व्याख्या एवं समीक्षा) काव्य - एक बूंद, मीठी बोली</p> <p>2.3 जयशंकर प्रसाद (व्याख्या एवं समीक्षा) कामायनी के श्रद्धा सर्ग से - "प्रकृति के यौवन का श्रृंगार करेंगे कभी न बासी फूल..... से खिंची आवेगी सकल समृद्धि" तक का अंश</p> <p>2.4 सूर्यकान्त त्रिपाठी 'निराला' (व्याख्या एवं समीक्षा) जागो फिर एक बाद भाग-2, वह तोड़ती पत्थर</p> <p>2.5 महादेवी वर्मा (व्याख्या एवं समीक्षा) मैं नीर भरी दुख की बदली बीन भी हूँ मैं तुम्हारी, रागिनी भी हूँ</p>	
इकाई-5	<p>1. छायावादोत्तर काव्य धाराएँ एवं प्रमुख कवि</p> <p>1.1 उत्तर छायावाद की विविध वैचारिक प्रवृत्तियाँ</p> <p>1.2 प्रगतिवाद साहित्य एवं प्रवृत्तियाँ</p> <p>1.3 प्रयोगवाद साहित्य एवं प्रवृत्तियाँ</p> <p>1.4 नई कविता, समकालीन कविता, प्रमुख प्रवृत्तियाँ</p> <p>2. प्रमुख कवि</p> <p>2.1 अज्ञेय (व्याख्या एवं समीक्षा) न्दी के द्वीप, यह दीप अकेला</p> <p>2.2 गजानन माधव 'मुक्तिबोध' (व्याख्या एवं समीक्षा) मैं तुम लोगों से दूर हूँ, भूल गलती</p> <p>2.3 नागार्जुन (व्याख्या एवं समीक्षा) टकाल और उसके बाद, बादल को घिरते देखा है</p> <p>2.4 धूमिल (व्याख्या एवं समीक्षा) रोटी और संसद, बीस साल बाद</p>	

	3. अभ्यास 3.1 काव्यपाठ (सस्वर) 3.2 सुलेखन 3.3 शुद्धवाचन	
सार बिन्दु (की वर्ड) / टैग, पुनजागरण, नवजागरण, समकालीन सांस्कृतिक पृष्ठीभूमि, काव्य प्रवृत्तियां		
भाग स - अनुशंसित अध्ययन संसाधन		
पाठ्य पुस्तकें, संदर्भ पुस्तकें, अन्य संसाधन		

Part- A Interoduction			
Program: Certificate		Class: BA I SEM	Year :2022
Session: 2022-23			
Subject:History			
1	Course Code	A-1 HIST-IT	
2	Course Title	Idea of Bharat	
3	Course Type (Core Course/Elective/Generic/ Elective/Vocational.....)	Core Course	
4	Pre-requisite (if any)	This course can be opted by any student who has passed	
5	Course Learning outcomes (CLO)	Students will acquire knowledgbiregarding the primitive life and cultural status of the people of ancient India They can gather knowledge about the society, culture, religion and political history of ancient India. They will also acquire the knowledge of changing socio&cultural scenarios of India. By studying this paper, students will get to know the golden past of India and feel proud of Course Learning outcomes (CLO) themselves.	
6	Credit Value	06	
7	Total Marks	Max. Marks: 60+40	Min. Passing Marks: 35
Patr B - Content of the Course			
Total No. of Lectures-Tutorials-Practical (in hours per week) :L-T-P :3 H/W			
Unit	Topics	No. of Lectures	
I	Concept of Bharatvarsha I. Understanding of Bharatvarsha II. Eternity of synonyms Bharat III. Indian concept of time and space IV. Indian View of History V. The Glory of Indian Literature:Ved, Vedanga, Upanishads, Epics, Jain and Buddhist Literature, Smriti, Puranas Etc.	18	

II	<p>Indian Knowledge Tradition. Art and Culture</p> <p>I. Evolution of language and Script: Brahmi, Kharoshthi, Pali, Prakrit, Sanskrit, Tugaliri etc</p> <p>II. Salient features of Indian Art & Culture</p> <p>III. Indian Educational System</p> <p>IV. The Ethics of Indian Valor</p>	18
III	<p>Dharma, Philosophy and Vasudhaiva Kutumbakam</p> <p>I. Indian Perception of Dharma and Darshan</p> <p>II. The Concept of Vasudhaiva Kutumbakam: Man, Family, Society and World</p> <p>III. Polity and Governance</p> <p>IV. The Concept of Janpada & Gram Swarajya</p>	18
IV	<p>Science Environmental and Medical Science</p> <p>I. Science and Technology in Ancient India</p> <p>II. Environmental Conservation: Indian View</p> <p>III. Health Consciousness of (Science of Life) : Ayurveda, Yoga and Naturopathy</p> <p>IV. Indian Numeral System and Mathematics</p>	18
V	<p>Indian Economic Traditions</p> <p>I. Indian Economic thoughts</p> <p>II. Concept of Land, Forest and Agriculture</p> <p>III. Industry, Inland Trade and Commerce</p> <p>IV. Maritime Trade</p>	18

Keywords/ Tags: Bharat, Language, Art Culture, Science and

Economy. Part C-Learning Resources

Text Books, Reference Books, Other resources

Suggested Readings:

1. Basham A.L.:The Wonder that was India, Rupa, Delhi 1994
2. Altekar A.S. Education in Ancient India, Nand Kishore & Bros, Varanasi 1944
3. Balbir Singh Sihag: Kautilya:The true founder of Economics, Vitasta Publishing Pvt. Ltd, Delhi, 2014
4. Dharampal:The Beautiful Tree, Other India press, Delhi 1995
5. Elliott Faith Robertson: Gender Family and Society, St. Martin press, New York, 1996
6. Arrhenius G.:Evolution for space
7. Mookerji Radha Kumud: Indian Shipping, Pub. South Asia Books, 1999
8. Thomas Maurice: Indian Antiquities, Pub. T. Maurice, 1806, London
9. Will Durant: The Story of civilization, five communicatibh, US, Jan. 1993 (11 vol.)

10. Zekuthial Ginshurg New light on our Numerais
11. Mookherjee R.K: The Fundamental Unity of India
12. पोबेरियाल (निशंक) रमेश भारतीय संस्कृतिए सभ्यता एवं परम्पराए डायमंड पब्लिकेशनए नई दिल्ली
13. टंडन किरन: भारतीय संस्कृति, ईस्टर्न बुक लिंकर्स, नई दिल्ली
14. ज्ञानी शिवदत्त: भारतीय संस्कृति, राजकमल प्रकाशन, नई दिल्ली
15. मिश्र विद्या निवास: भारतीय संस्कृति के आधार, प्रभात प्रकाशन, नई दिल्ली
16. सिंघानिया नितिन: भारतीय कला एवं संस्कृति, मेग्राहिल्स, नई दिल्ली
17. दिनकर, रामधारीसिंह: संस्कृति के चार अध्याय, लोकभारती प्रकाशन, इलाहाबाद
18. कृष्ण कुमार: प्राचीन भारत का सांस्कृतिक इतिहास, श्री सरस्वती सदन, नई दिल्ली
19. मिश्र जयशंकर: प्राचीन भारत का सामाजिक इतिहासए बिहार ग्रन्थ अकादमी, पटना
20. लूणिया बी. एन. प्राचीन भारतीय संस्कृति, लक्ष्मीनारायण अग्रवाल आगरा
21. गुप्त शिव कुमार: प्राचीन भारत का सामाजिक इतिहास, पंचशील प्रकाशन, जयपुर

Suggestive Digital Platforms web Links:

1. https://en.wikipedia.org/wiki/Culture_of_India
2. <https://xaviers.edu/main/index.php/ancient-indian-culture>
3. <https://vidyaonline.org/dl/cultddk.pdf>
4. <https://www.livescience.com/2863-indian-culture.html>
5. <https://www.india-in-your-home.com/Ancient-India-Culture.html>
6. <https://www.indianculture.gov.in/rarebooks/ancient-indian-historical-tradition>
7. <https://www.culturalindia.net/indian-history/ancient-india/index.html>

Part A Introduction			
Program: Certificate/Diploma/ Degree	Class: B.A.1 SEM	Year: 2022	Session : 2022-2023
Subject :political science			
1	Course Code	A1-POSC-1T	
2	Course Title	Political Theory -I	
3	Course Title (Core Course/Elective /Generic Elective /Vocational/.....)	Core Course	
4	Pre- requisite (if any)	To study this course, a student must have passed 12 th Student of any subject can study this course.	
5	Course Learning outcomes (CLO)	<ol style="list-style-type: none"> 1. Student will be able to understand meaning and significance of Political theory, different ideologies and approaches. 2. They will be able to explain concept of state and It's changing nature. 3. They will learn what is power and authority and How they are interwoven. These two concepts will further enhance their understanding of politics. 4. They will be able to learn different dimension Of sovereignty and its relation with state. 5. They will be able to explain liberty, equality, Justice and rights. Understanding of these key political concepts will facilitate students in real political world. 6. They will be able to explain different models of Democracy and theories of representation. 	
6	Credit Value	Theory-6	
7	Total Marks	Max. Marks; 60+40	Min. Passing Marks: 35
Part B- Content of the Course			
Total no of Lectures –Tutorials –Practical (in hours per week): 6 hours per week			
Unit	Topics	No. of Lectures	
I	Understanding political theory <ol style="list-style-type: none"> 1. Political theory: Meaning and significance 2. Approaches to study of politics. 3. Different terms – Political Science, Political philosophy, Political Theory, Political Thought and Politics. 4. Introducing Ideologies 	18	
II	Concept of state <ol style="list-style-type: none"> 1. Defining State, Element of state. 2. Theories of Origin of State. 3. Changing nature of state 	15	

III	Power, Authority and Sovereignty	15
IV	Core Political Concepts 1. Freedom 2. Equality 3. Justice 4. Rights	24
V	The Idea of Democracy	18

Part C-Learning Resources

Text Books, Reference Book, Other resources

Suggested Readings:

- 1- Acharya, A & Bhargava, R. (Ed) “Political Theory : An Introduction” , Pearson, New Delhi.
- 2- Arblaster,A, Democracy : Concept in Social Science” , Open University Press, New York, 1994.
- 3- Bhargava, R.,” What is Political Theory and Why DO WE need it?”, Oxford University Press , Oxford, 2010.
- 4- Berry, N “AN Introduction to modern Political theory”, Macmillan, London, 1981.
- 5- Held, D., models of Democracy”, Polity press, Cambridge, 1991.
- 6- Ferryely, C.A “ Introduction to contemporary Political Theory : A Reader” , London , Sage, 2004
- 7- Gauba, O.P. , An Introduction to political Theory” , Macmilan Publication, Delhi 2009
8. Heywood, A “Political Ideologies: An Introduction” Palgrave, London, 2004.
- 9- Heywood, A “Politics Palgrave Macmilan, London 2013.
- 10- Mackinnon, C. “ Issues in Political Theory” , Oxford University Press , New York, 2008
- 11- Smits, k “ Applying Political Theory”, Palgrave Macmilan , London , 2016
- 12-Vincent, a The Nature of Political Theory”, Oxford University Press, New York, 2004.

Suggestive digital platforms web links

1. <https://WWW.Jstor.org/stable/2125628?seq=1>
2. <https://politicalscience.stanford.edu/research/> political- theory
3. <https://link.springer.com/referenceworkentry/10.1007%2f978-1-4020-8265-8-1431>
4. [https:// www. Youtube.watch? v= fd TNix52weg](https://www.youtube.com/watch?v=fdTNix52weg)

Suggestive equivalent online courses:

NPTL- Introduction to political Theory by Prof. Mithlesh kumar jha. IIT gwahati

Part A Introduction			
Program :Certificate/Diploma/Degree/certificate	Class: B.A. 1 SEM	Year: 2022	Session :2022-2023
Subject :psychology			
1	Course Code	A1-PSYC-1T	
2	Course Title	Personality Development(paper 1/2)	
3	Course Title (Core Course/Elective /Generic Elective /Vocational/.....)	Core Course	
4	Pre- requisite (if any)	<p>To study this course, a student must have had the subject open for all in class/12th/certificate/diploma.</p> <p>.....</p> <p>This course can be opted as an elective by the students of following subjects: open for all/open for all</p>	
5	Course Learning outcomes (CLO)	<ol style="list-style-type: none"> 1. Students will gain knowledge of personality 2. Students will learn to implement coping strategies for better adjustment 3. Student will develop skills to enhance self esteem . 4. Students will learn the skills of SWOC, Communication. time and stress management for their life 5. Acquisition of life skills based on happiness and positive thinking 	
6	Credit Value	Four	
7	Total Marks	Max. Marks: 60+40	Min. Passing Marks: 35
Part B- Content of the Course			
Total no of Lectures –Tutorials –Practical (in hours per week): 6 hours per week			
Unit	Topics	No. of Lectures	
Unit I	Concept and approaches of Personality Nature and types of personality Determinants personality Approaches of personality-type .Trait, Psychodynamic-Freud,Neo Freudin- Erickson,Social learning-Bamdura, Humanistic-Rogers	12	
Keywords /Tags :Approaches of personality			
Unit II	Adjustment and Coping Adjustment –concept, Type of .Psychological adjustive reactions –Task Oriented and DE compensation and Recompensation under excessive stress Coping – Concept.Strategies – appraisal Focused.Problem focused constructive coping	13	
Keywords /Tags :Adjustment and coping strategies			

III	Self Concept Nature factors shaping the self Concept, Self Esteem. Self perception , self regulation and self 13 presentation	11
Keywords /Tags : Shaping the self concept		
VI	Personality measurement Personality Test-Nature and Types Personality Inventories and Projective test- nature, uses and limitation	12
Keywords /Tags : Personality test-uses and limitations		
V	Applied areas of personality development SWOC analysis, communication skills, time management, stress management, happiness and positive thinking	12
Keywords /Tags : Applied areas of personality development		
Part C-Learning Resources Text Book, Reference books, other resources		
<ol style="list-style-type: none"> 1. Cervone, D.& Lawrence P.A(2013) Personality Psychology(ed.12) New York Wiley 2. Coleman, J.C(1971) Psychology and Effective behavior, D.B. Taraporevala Sons & Co. Private Ltd. Bombay 3. Covey, S.R(2004). The 7 habits of highly effective people. Free Press 4. Dweck, C.S(2006) Mindset: The New Psychology of Success. Random house 5. Hall, C.S, Lindzey. G.& Campbell. J.B. (2007). Theories of Personality. 4th Edn. Wiley:India 6. Kundu, C.L. (1989). Personality Development. N.D: Sterling Pub 7. Larsen, R.J & Buss D.M (2013) Personality Psychology Domains of Knowledge about Human Nature (5th ed.) New York McGraw Hill 8. Mischel, W;Shoda, Y& Smith R.E(2004). Introduction to personality. John Wiley & sons 9. Peale, N.V. (2019) The power of positive thinking. Samaira Book Publishers 10. Ruch, F.L(1970) Psychology and Life 7th ed. D.B Taraporevala Sons & Co. Private Ltd. ,Bombay 11. Snyder, C.R Lopez, S.J & pedrotti, J.T 2010. Positive Psychology SAGE south asia ed. 12. Tuhovsky I(2015) Communication skills: A pratical guide to improving your social intelligence, presentation, persuasion and public speaking. Create space independent publishing Platform. 13. Weiten. W.W & Lioyd, M.A(2007) Psychology Applied to modern Life-adjustment in the 21st century Eighth ed. , Thomson Wadsworth, Indian reprint akash press, Delhi 		
Suggested Readings:		

Suggestive digital platforms web links

Psychology if stress and well being

<https://nptel.ac.in/courses/109/103/109103182>

Interpersonal Skills

<https://nptel.ac.in/courses/109/107/109107/155>

Communication Skills

<https://nptel.ac.in/courses/109/104/109104030>

Body Language

<https://nptel.ac.in/courses/109/107/109107154>**Suggestive equivalent online courses:****Part D-Assessment and Evaluation**

Suggested Cotinuous Evaluation Methods:

Maximum Marks:100

Continuous Comprehensive Evaluation (CCE): 25marks University Exam (UE) 75 marks

Internal Assessment:	Class Test	15
Continuous Comprehensive Evaluation(CCE):25	Assignment/Presentation	10
External Assessment:	Section (A): Three Very Short Questions(50Words Each)	03*03=09
University Exam Section:	Section(B): Fore Short Questions(200Words each)	04*09=36
75	Section(C): Two Long Questions(500Words Each)	02*15=30
Time:02.00 Hours		Total 75

Any remarks suggestions:

Part A Introduction			
Program :certificate/Diploma/Degree/certificate	Class:B.A.1 st SEM	Year: 2022	Session :2022-2023
Subject : Psychology			
1	Course Code	A1-PSYC-1P	
2	Course Title	Report Presentation(paper 1/2)	
3	Course Title (Core Course/Elective /Generic Elective /Vocational/.....	Core Course	
4	Pre- requisite (if any)	To study this course, a student must have had the subject open for all in class 12 th /certificate/diploma. This course can be opted as an elective by the students of following subjects: open for all/open for all	
5	Course Learning outcomes (CLO)	On completion of this course, learners will be able to: 1. Students will learn to evaluate their strength weakness, opportunities and challenges. 2. Students will develop ability to enhance their personality through applications of communication skills, time and stress management	
6	Credit Value	Two	
7	Total Marks	Max. Marks: 60+40	Min. Passing Marks: 35
Part B- Content of the Course			
Total no of Lectures –Tutorials –Practical (in hours per week): 6 hours per week			
Unit	Topics	No. of Lectures	
Unit I	Concept and approaches of Personality Nature and types of personality Determinants personality Approaches of personality-type .Trait, Psychodynamic- Freud,Neo Freudin- Erickson,Social learning-Bandura, Humanistic- Rogers	12	
Keywords /Tags :Approaches of personality			
Unit B	Analysis and report(any one) 1. SWOC/SWOT analysis 2. Communication Skills 3. Stress management 4. Time management	8 7 8 7	
Keywords /Tags :SWOC/SWOT analysis Time management techniques			

<p style="text-align: center;">Part C-Learning Resources Text Book, Reference books, other resources</p> <ol style="list-style-type: none"> 1. Freeman, F.S(1971) Theory and practice of psychological testing New Delhi, Oxford & IBH Publishing company private limited. 2. Kothurkar, V.K.& Vanarase, S.J(1986) Experimental Psychology: A systematic Introduction, Wiley Eastern Ltd. New Delhi 3. Mohsin S.(1995) Experiments in psychology, Motilal Banarsidas Patna 4. Postman, L&Egen, J.P (1949)Experimental psychology: An introduction Harper&Brothers Publishers, New York 		
<p>Suggested Readings:</p>		
<p>Suggestive digital platforms web links Newton,P & Bristoll H(2020) SWOT analysis https://free-management-e-books.com/SWOT Sharma,S.M.&Shivaramakrishana, M(2019) handbook on time management skills, Center for good governance www.CGI.gov.in handbook on time management skills Jha S.K: Malik.M (2020) communication skills www.agrimoon.com/ Communication skills Kaiwart.A(2016) Indian Techniques for management of stress www.researchgate.net/</p>		
<p>Suggestive equivalent online courses:</p>		

Part A Introduction			
Program :certificate Course	Class:B.A.1ST SEM	Year: 2022	Session :2022-2023
Subject :Sociology			
1	Course Code	A1-SOCI-1T	
2	Course Title	Indian Society and Culture (Paper- I)	
3	Course Type	Core Course	
4	Pre- requisite (if any)	Open for all B.A. 1 st Year Students.	
5	Course Learning outcomes (CLO)	<p>This paper is expected to bring familiarity among student about Indian society. It will present a comprehensive. Integrated and empirical profile of Indian society. It is supposed that the structure and presented in this paper will also enable student to gain a better understanding of their own situation and region.</p> <ol style="list-style-type: none"> 1. Get an impression about the basic composition of Indian society .its historica moorings .basic philosophical foundations of the society and the in situations. 2. The student will have extensive comprehension of Indian traditions and the opportunity to explore and express them. 3. They will also learn in detail about the three layers of Indian society :namely “Aranyal Lok (Gramya) and Nagar” 4. After reading this course the student will be able to understand and strengthen local/ regional employment venues. 	
6	Credit Value	Theory-6	
7	Total Marks	Max. Marks; 60+40	Minimum Passing Marks: 35
Part B- Content of the Course			
Total no of Lectures –Tutorials -(in hours per week): 6 hours per week			
Total Lectures: 90 Hours.			
Unit	Topics	No. of Lectures	
I	<p>1. Indian Society:</p> <p>1.1 Foundations of Indian Society: Aranyak, Lok (Gramya) &Nagar</p> <p>1.2 Historical Background: Ancient ,Medieval, Modern Period</p> <p>1.3 Varna, Ashram, Purusharth.</p> <p>1.4 Rina, Yagya , Sanskar</p> <p>1.5 Doctrine of Kanna.</p> <p>1.6Rcciprocity:Aranyak.Lok(Gramya) and nagar settlements</p> <p>2. Demographic and Cultural Scenrio.</p>	18	
Keywords /Tags : Indian society: Vurna system, Sanskar, Socialreciprocity, Aranyak Lok (Gramya)Nagar.			

II	Aranyak Society: 1.1 Tribes Historical outline 1.2 Tribal Area and Classification. 1.3 Social institutions: Family, Marriage, Kinship 1.4 Tribal Religious Beliefs and Practices 1.5 Social Issues 1.6 Tribes Constitutional Provisions.	18
Keywords /Tags : Indian Tribes, Schedule Tribes, Constitutional Provisions.		
III	Lok (Gramya) Society: 1.1 Lok (Gramya) Society: Historical Outline 1.2 Rural Life: Folk Culture, Little and Great Traditions. 1.3 Caste System: History of caste and Changing Patterns. 1.4 Social Institutions: Family, Marriage, Kinship 1.5 Religion: beliefs and Practices. 1.6 Social Issues. 1.7 Rural Development: Policies, Programs and Challenges.	
Keywords /Tags : Folk Culture, Rural Development, Caste System.		
VI	Nagar Society: 1.1 Historical outline of Town, city & Metropolis. 1.2 Indian Cities and their Development. 1.3 Changes in Urban Society 1.4 Challenges of Urban Societies, globalization. 1.5 Socio- Cultural Continuities: Aranyak, Lok and Nagar 1.6 Urban Planning Management.	18
Keywords /Tags : Town, City, Metropolitan, Urban Planning, Urban Management.		
V	Social Issues: 1.1 National Integration issues and Challenges. 1.2 Indian Family System: Values, Patterns and Issues 1.3 Issues of Children, Youth and Elderly.	18
Keywords /Tags : National Integration, Youth, Generational Conflict.		
Part C-Learning Resources		
Text books, Reference Books, Other resources		
Suggested Readings: 1. Beteille Andre (1965) Caste Class & power, California University, Berkeley 2. Ghurye G.S. (1962) Caste Class & occupation, Popular Book Depot, Bombay 3. Beteille Andre (1985) Six Essays in Comparative Sociology , Oxford University Press, New Delhi. 4. Chauhan.B.R.(2018) Indian Village, Rawat Publication, Jaypur 5. Marriott MC Kim (2017) Village India: Studies in the Little Community, Rawat Publication, Jaypur. 6. Behera MC (2019) Tribal Language Literature and Folklore, Rawat Publication, Jaypur 7. Indra Deva (2018) Society and culture in India, Rawat Publication, Jaypur 8. Muncher J. (1991) The Caste System Upside Down, Ind Gupta (ED) Social Stratification Oxford University Press, New Delhi 9. Giddens.A.(2006) Sociology (5th ed) Oxford University Press, London.		

10. Radcliffe_Brown A.R.(1976). Structure and Function in Primitive Society, Cohen and West London.
11. Goode.William.J.(1977) Principles of Sociology, McGraw Hill.America.
12. Sharma. Y.K.(2007) Indian Society :Issues & Problems,Laxmi Narayan Agarawal,Agra.
- 13.Desai, A.R.(2009) भारतीय ग्रामीण समाजशास्त्र रावल पब्लिकेशन जबलपुर।
- 14.महाजन धर्मवीर एवं कमलेश 2015 जनजातिय समाज का समाजशास्त्र विवेक प्रकाशन नई दिल्ली
15. Kosambi,D.D. (1990) Prachin Bharat ki Sanskriti or Sabhyata, Raj Kamal Pub . PVT , LTD.
16. Tiwari K.K. (2019)Madhyawarti Bharat Jan Sanakritika Bhartiya Drishtikon, Duttopanth Thengeri Sodh Sansthan Bhopal.
17. Mukhrejee, Radhakumud: (1990) Hindu Sabhayata,rajkam Prakashan Pub PVT, LTD.
18. Bashain. A.L. (1975). A Cultural History of India,New Delhi Oxford.
19. Aanbedkar B.R. Castes in India .Their Mechaism Genesis and Development India AntiQuary Vol XI VI (May 1997)
20. Single R.G. Bhartiya Samaj,Hindi granth Academy , Bhopal.
- 21.उपेती हरीसचन्द्र 1995 भारतीय जनजातियोँ राजस्थान हिन्दी ग्रन्थ अकादमी जयपुर
- 22.दीक्षित ध्रुव कुमार 2010 नगरीय समाजशास्त्र रिसर्च पब्लिकेशन जयपुर
- 23.सिंहवी एन 2015 नगरीय समाजशास्त्र गवन पब्लिकेशन जयपुर
- 24.बघेल डी एस 2019 नगरीय समाजशास्त्र, कैलाश पुस्तक सदन ,भोपाल
- 25.वोस. निर्मलकुमार 2013 भारत का ग्रामीण जीवन. एकता और विविधता, रावल पब्लिकेशन जयपुर.

Suggestive digital platforms web links

Indian Tribes:

<https://tribal.nic.in/Scholarship.aspx>

Indian Society:

<http://sdettoe.ae.in/sites/default/files/sdevideos/11%20Sem.%20-20socio%20-%20Indian%20Society%202019%20Admn%281%29.pdf>

Suggestive equivalent online courses:

IGNOU & Other centrally/state operated Universities /MOOC platforms as “SWAYAM” in India and Abroad.

Part A : Introduction		
Program: CERTIFICATE	Class : BA I SEM	Year : 2022
session :2022-2023		
Subject: Computer Application		
1.	Course Code	S1-COAP-1T
2.	Course Title	Programming in C language
3.	Course Type	Core course
4.	Pre-requisite	course is based on programming so the students must have the basic knowledge of computers and its basic operations.
5.	Course Learning Outcomes (CLO)	<p>On the completion of this course student will be able -</p> <ul style="list-style-type: none"> • To explore basics of C programming languages. • To approach the programming tasks using techniques learned and write pseudo-code. • To choose the right data representation formats based on the requirements of the problem. • To use the comparisons and limitations of the various programming constructs and choose the right one for the task in hand. • To identify tasks in which the numerical techniques learned are applicable and apply them to write programs, and hence use computers effectively to solve the task.
6.	Credit Value	4
7.	Total Marks	Max.Marks:60+40 Min. Passing Marks: 35
Part B: Content Of the Course		
Programming in C language		
Total No. of Lectures =60 (2 hours/lecture per week) : 2-0-0		
Unit	Topics	No. of Lectures
I	Programming Fundamentals Program Concept, C language: introduction, history of C, Over view of procedural programming and object oriented programming, structure of C program, Algorithms, flow Charts - Symbols, Rules for making Flow chart, Types of flowchart, techniques of problem solving : Programming Techniques Top down, Bottom up, Modular, Structured - Features, Merits & Demerits, Programming Logics- Simple Branching, Looping, Recursion, Cohesion & Coupling, Programming. Testing & Debugging & their Tools .	12
II	Programming in C including features of 'C', C tokens, Variables Expressions, Identifiers, Keywords , Data Types, Constants, Operator: arithmetic, Logical, Relational, Conditional and Bit wise Operators, Precedence and Associativity of Operators, evaluations of expressions, Type conversions in expressions, Basic input/output and library functions: Single character input/output i.e. getch(), getchar(), getche(), puts(), putchar() and putchar (), Formatted input output i.e. printf() and scanf(). Decision Making branching: if-else, switch, conditional operator	12

	<p>&goto statements If statement, If.....Else statement, Nesting of If .. .Else Statement, else if ladder, ?: operator, goto statement, Switch statement , Compound statement, Looping Introduction, while statement, do statement, for statement, Break and Continue, do while loops.</p>	
III	<p>Functions: Utility of functions, Call by value & call by reference, Categories of functions (i) Introduction (ii) User defined function and library functions, Categories of User defined functions , Return values and their types, Calling a function, Void functions, Differentiating between declaration and definition of function argument/parameters in functions , Functions with variable number of arguments, recursion , Function arguments, Return values and nesting of function, Recursion , Calling of functions, Scope and life of variables - local and global variable, Storage class - auto, extern static, register.</p> <p>Arrays : what is array, declaring initializing , accessing individual elements in an array, manipulating array elements using loops, 2D and 3D arrays. String: declaration, string functions - strcat, strcpy strcmp, strlen, strstr.</p>	12
IV	<p>Pointers: operations on pointers, Basic of pointers and operators, Accessing the address of variable, Declaring and initializing pointers, Accessing a variable through its pointer, Pointer expressions, Pointers and function, Array of pointers, Pointer and strings, Pointer to structure, Pointers within structure , preprocessor, #define, defining functions like macros, #error,#include, conditional compilation directives i.e. #if, #else, #elif and #ifdef & undef</p> <p>Structures : Structure definition, declaring and initializing Structure variables, the struct tag , period operator , accessing Structure members, Copying & Comparison of structures, the concept of structure of structure , array of structure, structure and pointer, arrow operator and nesting of structure, Unions : initialization and use of it in a program.</p>	12
V	<p>File Management: Introduction - File handling, File structure, File handling function, File types, Streams, Text, Binary, File system basics, The file pointer, Opening a file, Closing a file, Writing a character , Reading a character, Using fopen(), getc(), putc(), and fclose(), Using feof(), Working with string fputs() and fgets(), Standard streams in C, Flushing a stream Using fflush() and fwrite(), Direct access file, fseek() and random access I/O , fprintf() and fscanf(), Command line arguments</p>	12

	Part C: Learning Resources	
	<p>Suggested Digital Platforms, Web links</p> <ol style="list-style-type: none"> 1. https://beginnersbook.com/2014/01/e-pointers/ 2. https://www.programiz.com/c-programming/c-if-else-statement 3. https://javatutoring.com/control-statements-in-c/ 4. https://www.programiz.com/c-programming/c-arrays 5. https://www.tutorialspoint.com/cprogramming/c_structures.htm 6. https://beginnersbook.com/2014/01/c-functions-examples/ 7. https://www.javatpoint.com/data-types-in-c <p>Suggested Readings:</p> <ol style="list-style-type: none"> 1. The C Programming Language B.W. Kernighan & D.M. Ritchie 2. The Spirit of C : Cooper, Mullish 3. Programming in ANSI-C : E. Balagurusami, TMH Publication 4. Programming in C : Schaum Outline, McGraw-Hill 5. Let us C : Kanetkar Y 6. Pointers in C : Kanetkar Y 7. An introduction to C programming - Amit Saxena, Anamaya Publishers, New Delhi 	

**Part- A
Introduction**

Program: certificate

I Class : BA I ST

I Year: 2022 I session :2022-2023

SEM

Subject : Computer Application

1.	Course Code	S1-COAP-1P
2.	Course Title	Programming in C language (Practical)
3.	Course Type	core
4.	Pre-requisite(If any)	
5.	Course Learning Outcomes (CLO)	<p>On the completion of this course student will be able -</p> <ul style="list-style-type: none"> • To understand how computer works and will be able to understand and visualize the inner working of computer. • To understand the syntax and semantics of the C language. • To recognize how to develop and implement a program in the C language. • To recollect various programming constructs and to develop C programs. • To acquire logical thinking, Implement the algorithms and analyze their complexity.
6.	Credit Value	2
7.	Total Marks	Max. Marks: 60+40 I Min. Passing Marks: 35

**Part- B Content Of the Course
Programming in C language (Practical)**

Total No. of Labs = 30 labs each of 2 hours duration (1 lab per week)

Practical Lab will be conducted based on the theory Syllabus

List of Practical

1. Write a Program to print different data types in 'C' and their ranges.
- 2 Write an Algorithm & Flowchart to convert temperature from Celsius to Fahrenheit.
3. Write an algorithm & flowchart to find the smallest and largest number of among the three numbers.
4. Write a program to calculate simple and compound interest.
5. Write a C program to find the roots of a quadratic equation.
6. Write a C program to make a simple calculator using switch...case.
7. Write a C program to print natural numbers from 1 to n.
8. Write a C program to find the factorial of a given number.
9. Write a program in C to check a given number is even or odd using the function.

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	<p>10. Write a C program to access elements of an array using pointers.</p> <p>11. Write a C program to calculate the average of array elements.</p> <p>12. Write a C program to store information of 10 students using structures.</p> <p>13. Add two complex numbers by passing structures to a function.</p> <p>14. Write a C program to find the length of a string.</p> <p>15. Write a C program to reverse a string using recursion .</p> <p>16. Write a C Program to find largest element in an array.</p> <p>17. Write a C program to add two matrices using multi-dimensional arrays.</p> <p>18. Write a C program to store information of students using structure.</p> <p>19. Write a C program to swap two numbers using pointers.</p> <p>20. Write a C program to Print Pyramids and Patterns.</p> <p>21. Write a C program to read and write to a text file.</p>	
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	<p>Part -C</p> <p>Learning Resources</p>	
	<p>Suggested Digital Platforms, Web links</p> <ol style="list-style-type: none"> 1. http://beginnersbook.com/2014/01/c-pointers/ 2. http://www.programiz.com/c-programming/if-else-statement 3. http://javatutoring.com/control-statements-in-c/ 4. http://www.programiz.com/c-programming/arrays 5. http://www.tutorialspoint.com/c-programming/structures.htm 6. http://beginnersbook.com/2014/01/c-functions-exam/ 	

7. <http://www.javatpoint.com/data-ty12es-in-c>

Suggested Readings:

1. The C Programming Language: B.W. Kernighan & D.M. Ritchie
2. The Sprit of C: Cooper, Mullish
3. Programming in ANSI-C : E. Balagurusami, TMH Publication
4. Programming in C : Schaum Outline, McGraw-Hill
5. Let us C : Kanetkar Y
6. Pointers in C : Kanetkar Y
7. An introduction to C programming - Amit Saxena, Anamaya Publishers, New Delhi