BAGALKOT UNIVERSITY

MUDHOLROAD, JAMKHANDI-587301
DIST: BAGALKOTE

The Draft

PROGRAM /COURSE STRUCTURE AND SYLLABUS

As per the Choice Based Credit System (CBCS)
designed in accordance with
Learning Outcomes-Based Curriculum Frame work (LOCF)
Of National Education Policy (NEP)2020
for

BACHELOR OF COMPUTER APPLICATIONS (BCA)

As per NEP 2020 and adapted from RCU Belagavi

applicable from the Academic Year 2023-24

Preamble for UG Syllabus of Bagalkot University

Bagalkot University Jamkhandi has been established by the Government of Karnataka and has started functioning from the academic year 2023-24. All the degree colleges other than engineering and medical colleges in the district of Bagalkote are affiliated to this university as per the Karnataka StateUniversities Act 2000, as modified by the 26th Act of 2022. The students taking admission to any of the colleges in the district of Bagalkote, from the academic year 2023-24 will be students of Bagalkot University. The Chancellor of the university, the honourable Governor of Karnataka, has in stricter the Vice chancellor and the university to adapt, the rules and regulations of the parent university, Rani Channamma University, Belagavi for the immediate activities (Letter from the office of the Governor GS01BGU2023 dated 17/05/2023).

In this connection, Bagalkot University has adapted the undergraduate syllabus from RCU, Belagavi forall the3/4 year degree programmes such as BA, BSC, BCOM, BCA,BSW etc. The syllabus follows the NEP 2020 format and the first year syllabus is being published. The higher semester syllabi will be published in due course. The syllabus is being published as one electronic file for each degree and is self contained. Only the subject codes/ question paper codes are changed. The subject code format is described in the following.

Subject Code Format

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Ver	Uni. Code		DEGREE			SEM		DISCIPLINE			SUB.TYPE			SL.NO.IN DISC.&S. TYPE		TH/ LAB /B/I NT.
1	2	6	B	S	C	0	1	P	H	Y	D	S	C	0	1	T
1	2	6	B	A	B	0	1	H	I	S	D	S	C	0	1	T

[1] The Ver information gives the version of the syllabus. It can take values 1,2..9,a,b,…

[2-3]The University UUCMS Code

[4-6] The UG degree codes to be provided as

Sl.No	Degree Code	Degree
1	BSC	Bachelor of Science
2	BAB	Bachelor of Arts
3	BCM	Bachelor of Commerce
4	BBA	Bachelor of Business Administration
5	BCA	Bachelor of Computer Applications
6	BSW	Bachelor of Social Work

[7-8]The Semester Information is provided as

Sl. No	Semester
1	‘01
2	’02
3	03
….	

[9-11] The Discipline Information to be provided as

Sl No	Degree	Discipline Code
1	BCM-BCOM	XXX
2	BCA	XXX
3	BBA	XXX
4	BSW	XXX
5	BA	‘HIS’, GEO’, ’KAN’, ‘HIN’ etc. The detailed list is to be provided
6	BSC	‘PHY’,’ CHE’, ‘BOT’, ’ELN’ etc. The detailed List is to be Provided

[12-14]The Subject Type to be provided as

Sl. No.	TYPE	Description
1	DSC	Discipline Specific Core
2	DSE	Discipline Specific Elective
3	OEC	Open Elective Course
4	AEC	Ability Enhancement Course
5		

[15-16]The Running Serial Number is to be provided for a particular discipline and subject type01 to 99

[17] This character specifies the category of the subject namely, T=theory, L-Lab, P-Project, I-Internship, B- Bothe theory and Lab

PROGRAM OUT COMES:

By the end of the program the following outcomes will be achieved by the students:

1. **Discipline knowledge:** Acquiring knowledge on basics of Computer Science and ability to apply to design principles in the development of solutions for problems of varying complexity
2. **Problem Solving:** Improved reasoning with strong mathematical ability to Identify, formulate and analyses problems related to computer science and exhibiting a sound knowledge on data structures and algorithms .
3. **Design and Development of Solutions:** Ability to design and development of algorithm mic solutions to real world problems and acquiring minimum knowledge on statistics and optimization problems. Establishing excellent skills in applying various design strategies for solving complex problems.
4. **Programming a Computer**: Exhibiting strong skills required to program a computer for various issues and problems of day – to –day applications with thorough knowledge on programming languages of various levels.
5. **Application Systems Knowledge:** Possessinga sound knowledge on computer applications of tware and ability to design and develop app for applicative problems.
6. **Modern Tool Usage:** Identify, select and use a modern scientific and IT tool or technique for modeling, prediction, data analysis and solving problems in the area of Computer Science and making them mobile based application software.
7. **Communication:** Must have are as on ably good communication knowledge both in oral and writing.
8. **Project Management:** Practicing of existing projects and becoming independent to launch own project by identifying a gap in solutions.
9. **Ethics on Profession, Environment and Society:** Exhibiting professional ethics to maintain the integrality in a working environment and also have concern on societal impacts due to computer-based solutions for problems.

10. **Lifelong Learning:** Should become an independent learner. So, learn to learn ability.
11. **Motivation to take up Higher Studies:** Inspiration to continue educations towards advanced studies on Computer Science.

By the end of the program the students will be able to:

The Bachelor of Computer Application (BCA (Hon's)) program enables students to attain following additional attributes besides the fore-mentioned attributes, by the time of graduation:

1. Apply standard Software Engineering practices and strategies in real-times of tware project development
2. Design and develop computer programs/computer -based systems in the areas related to AI, algorithms, networking, web design, cloud computing, IoT and data analytics.
3. Acquaint with the contemporary trends in industrial / research settings and there by innovate novel solutions to existing problems
4. The ability to apply the knowledge and understanding noted above to the analysis of a given information handling problem.
5. The ability to work independently on a substantial's of tware project and as an effective team member.

PROGRAM STRUCTURE

SEMESTER-1										
Category	**Course code**	**Title of the Paper**	**Marks**			**Teaching hours /week**			**Credit**	**Duration of Exams (Hrs)**
			IA	**SEE**	**Total**	**L**	**T**	**P**		
L-1	126BCA01LANAEC01T	Kannada	40	60	100	4	0	0	3	2
	126BCA01LANAEC02T	Functional Kannada								
L-2	126BCA01LANAEC03T	English	40	60	100	4	0	0	3	2
	126BCA01LANAEC04T	Hindi								
	126BCA 01LANAEC05T	Sanskrit								
	126BCA 01LANAEC06T	Marathi								
	126BCA01LANAEC07T	Urdu								
	126BCA01LANAEC08T	Arabic								
DSC1	126BCA01XXXDSC91T	Programming in C	40	60	100	3	0	0	3	2
	126BCA01XXXDSC01L	C Programming Lab	25	25	50	0	0	4	2	3
DSC2	126BCA01XXXDSC02T	Fundamentals of Computers	40	60	100	3	0	0	3	2
	126BCA01XXXDSC02L	Information Technology Lab	25	25	50	0	0	4	2	3
DSC3	126BCA01XXXDSC03T	Mathematical Foundation*	40	60	100	4	0	0	3	2
	126BCA01XXXDSC04T	Accountancy*								
OEC1	126BCA01XXXOEC01T	C Programming Concepts	40	60	100	3	0	0	3	2
SEC1	126COM01XXXSEC01T	Digital Fluency	25	25	50	1	0	2	2	2
VBC1	126COM01XXXVBC01B	Physical Education–Yoga	25	-	25	-	-	2	1	-
VBC2	126COM01XXXVBC02T	Health & Wellness	25	-	25	-	-	2	1	-
Total Marks					**800**	**Semester Credits**			**26**	
Note: Students can select either Digital Fluency or Environmental Studies : 126COM01XXXAEC01T										

SEMESTER-2										
Category	**Course code**	**Title of the Paper**	**Marks**			**Teaching hours / week**			**Credit**	**Duration of exams (Hr s)**
			IA	**SEE**	**Total**	**L**	**T**	**P**		
L-3	126BCA02LANAEC09T	Kannada	40	60	100	4	0	0	3	2
	126BCA02LANAEC10T	Functional Kannada								
L-4	126BCA02LANAEC11T	English	40	60	100	4	0	0	3	2
	126COM02LANAEC12T	Hindi								
	126COM02LANAEC13T	Sanskrit								
	126COM02LANAEC14T	Marathi								
	126COM02LANAEC15T	Urdu								
	126COM02LANAEC16T	Arabic								
DSC4	126BCA02XXXDSC05T	Data Structures using C	40	60	100	3	0	0	3	2
	126BCA02XXXDSC05L	Data Structures Lab	25	25	50	0	0	3	2	3
DSC5	126BCA02XXXDSC06T	Object Oriented Concepts using Java	40	60	100	3	0	0	3	2
	126BCA02XXXDSC06L	JAVA Lab	25	25	50	0	0	3	2	3
DSC6	126BCA02XXXDSC07T	Discrete Mathematics	40	60	100	3	0	0	3	2
OEC2	126BCA02XXXOEC02T	Web Designing	40	60	100	3	0	0	3	2
AEC1	126COM01XXXAEC01T	Environmental Studies	20	30	50	1	0	2	2	2
VBC3	126COM02XXXVBC03B	Physical Education–Sports	25	-	25	-	-	2	1	-
VBC4	126COM02XXXVBC04B	NCC/NSS/R&R(S&G)/Cultural	25	-	25	-	-	2	1	-
Total Marks					**800**	**Sem. Credits**			**26**	
ExitoptionwithCertificateinComputerApplications(withthecompletionofcoursesequivalentoa minimum of 48credits)					**1600**	**I year Credits**			**52**	
***XXX-REPRESENTSDISCIPLINE, *LAN- REPRESENTSLANGUAGES, *COM- REPRESENTS COMMAN SUBJECTS** **Note: Students can select either Digital Fluency or Environmental Studies : 126COM01XXXAEC01T**										

FROM BCA (OEC)

SEMESTER-1										
Category	**Course code**	**Title of the Paper**	**Marks**			**Teaching hours/week**			**Credit**	**Duration of exams(Hrs)**
			IA	**SEE**	**Total**	**L**	**T**	**P**		
OEC1	126BCA01XXXOEC01T	C Programming Concepts	40	60	100	3	0	0	3	2

SEMESTER-2										
Category	**Course code**	**Title of the Paper**	**Marks**			**Teaching hours/week**			**Credit**	**Duration of exams(Hrs)**
			IA	**SEE**	**Total**	**L**	**T**	**P**		
OEC2	126BCA02XXXOEC02T	Web Designing	40	60	100	3	0	0	3	2

NOTE: Students from Other Departments / Subjects may choose one OE course from BCA department.

Concept Note, Abbreviation Explanation and Coding:

Concept Note:

1. CBCS is a mode of learning in higher education which facilitates a student to have some free domin selecting is/her own choices, across various disciplines for completing a UG/PG program.
2. A credit is a unit of study of affixed duration. For the purpose of computation of workload as per UGC norms the following is mechanism be adopted in the university: One credit (01)=One Theory Lecture (L) period of one (1) hour. One credit (01)= One Tutorial(T) period of one(1) hour.
   One credit (01)=One practical (P) period of two (2) hours.
3. Course : paper/ subject associated with AECC, DSC, DSEC, SEC, VBC, OEC, VC, IC, MIL.
4. Wherever there is a practical there will be no tutorial and vice-versa
5. Vocational course is a course that enables individual to acquire skills set that are required for a particular job.
6. Internship is a designated activity that carries some credits involving more than 25 days of working in an organization (either in same organization or outside) under the guidance of an identified mentor. Internship shall be an integral part of the curriculum.
7. OEC: For non- Computer Science students. Computer Science students have to opt for OEC from departments other than their disciplines

Abbreviation Explanations:

1. AECC: Ability Enhancement Compulsory Course.
2. DSC: Discipline Specific Core Course.
3. DSEC: Discipline Specific Elective Course.

4. SEC: Skill Enhancement Course.
5. VBC: Value Based Course.
6. OEC: Open / Generic Elective Course
7. VC: Vocational Course.
8. IC: Internship Course
9. L1: Language One
10. L2: MIL
11. L3: Language Three
12. L4: MIL
13. L= Lecture; T=Tutorial; P=Practical.
14. MIL=Modern Indian Language; English or Hindi or Telugu or Sanskrit or Urdu

Program Coding:

1. Code21: Year of Implementation
2. Code BCA: BCA Program under the faculty of Applied Science of the University
3. Code1: First Semester of the Program, (2to6 represent higher semesters)
4. Code A: AECC, (C for DSC, S for SEC, V for VBC and Of or OEC)
5. Code1: First "AECC" Course in semester, similarly in remaining semester for such other courses
6. Code LK : Language Kannada, FK for Functional Kannada, similarly

   Language English, Language Hindi, Language Sanskrit,& Language Urdu
7. Code1: Course in that semester.

BCA FIRST SEMESTER SYLLABUS

COURSE-WISESYLLABUS

Semester-I

<table>
<tr><td>Year</td><td>I</td><td colspan="2" rowspan="2">Course Code:126BCA01XXXDSC91T
Course Title: Programming in C</td><td>Credits</td><td>03</td></tr>
<tr><td>Sem.</td><td>I</td><td>Hours</td><td>40</td></tr>
<tr><td colspan="2">Course Pre-requisites, if Any</td><td colspan="4">NA</td></tr>
<tr><td colspan="2">Formative Assessment Marks: 40</td><td colspan="2">Summative Assessment Marks: 60</td><td colspan="2">Duration of ESA: 02hrs.</td></tr>
<tr><td colspan="2">Course Out comes</td><td colspan="4">At the end of the course the student should be able to:
1. Read, understand and trace the execution of programs written in C language
2. Apply programming control structures for a given problem to create C code
3. Understand derived data types and develop C code using arrays/strings
4. Understand user defined functions and data types to develop C code</td></tr>
<tr><td>Unit No.</td><td colspan="4">Course Content</td><td>Hours</td></tr>
<tr><td>Unit-I</td><td colspan="4">Introduction to C Programming: Overview of C; History and Features of C; Structure of a C Program with Examples; Creating and Executing a C Program; Compilation process in C C Programming Basic Concepts: C Character Set; C tokens- key words, identifiers, constants, and variables; Data types; Declaration & Initialization of variables; Symbolic constants. Input and output with C: Formatted I/O functions – print f and scan f, control stings and escape sequences, output specifications with print f functions; Unformatted I/O functions to read and display single Character and a string - getchar, putchar, gets and puts functions.</td><td>10</td></tr>
</table>

Unit-II	**C Operators & Expressions:** Arithmetic operators; Relational operators; Logical operators; Assignment operators; Increment & Decrement operators; Bitwise operators; Conditional operator; Special operators; Operator Precedence and Associatively; Evaluation of arithmetic expressions; Type conversion. **Control Structures:** Decision making Statements-Simple if, if_ else, nested if_ else, else_ if ladder, Switch Case, go to, break & continue statements ; Looping Statements-Entry controlled and exit controlled statements, while, do-while, for loops, Nested loops.	10
Unit-III	**Derived data types in C:** Arrays: One Dimensional arrays-Declaration, Initialization and Memory representation; Two Dimensional arrays-Declaration, Initialization and Memory representation. **Strings:** Declaring & Initializing string variables; String handling functions - strlen, strcmp, strcpy and strcat; Character handling functions-to ascii, to upper, to lower, is alpha, is numeric etc.	08
Unit-IV	**User Defined Functions:** Need for user defined functions; Format of user defined functions; Components of user defined functions-return type, name, parameter list, function body, return statement and function call; Categories of user defined functions – With and without parameters and return type. **User defined data types:** Structures - Structure Definition, Advantages of Structure, declaring structure variables, accessing structure members, Structure members initialization, comparing structure variables, Array of Structures; Unions-Union definition; difference between Structures and Unions.	12
Recommended Learning Resources		
Print Resources	1. C: The Complete Reference, By Herbert Schildt. 2. C Programming Language, By Brain W. Kernighan 3. Kernighan & Ritchie: The C Programming Language (PHI) 4. P.K.Sinha & Priti Sinha: Computer Fundamentals (BPB) 5. E. Balaguruswamy: Programming in ANSIC(TMH) 6. Kamthane: Programming with ANSI and TURBOC (Pearson Education) 7. V. Rajaraman: Programming in C(PHI–EEE) 8. S. Byron Gottfried: Programming with C (TMH) 9. Yashwant Kanitkar: Let us C 10. P.B.Kottur: Programming in C (Sapna Book House)	

<table>
<tr><td>Year</td><td>I</td><td rowspan="2">Course Code: 126BCA01XXXDSC01L
Course Title: Lab: C Programming</td><td>Credits</td><td>02</td></tr>
<tr><td>Sem.</td><td>I</td><td>Hours</td><td>40</td></tr>
<tr><td colspan="2">Course Pre-requisites, if any:</td><td colspan="3">NA</td></tr>
<tr><td colspan="2">Formative Assessment Marks: 25</td><td>Summative Assessment Marks: 25</td><td colspan="2">Duration of ESA: 02hrs.</td></tr>
<tr><td colspan="2"></td><td colspan="3"><u>Part-A:</u>
1. Program to read radius of a circle and to find area and circumference
2. Program to read three numbers and find the biggest of three
3. Program to demonstrate e library functions in math. h
4. Program to generate the factorial of a given number
5. Program to generate n fibonacii sequence
6. Program to read a number, find the sum of the digits, reverse the number and check it for palindrome
7. Program to read numbers from key board continuously till the user presses 999 and to find the sum of only positive numbers
8. Program to read percentage of marks and to display appropriate message (demonstration of switch Case statement)
9. Program to find the roots of quadratic equation (Demonstration of else-if ladder)
10. Program to read marks scored by a students and find the average of marks
11. Program to remove Duplicate Element in a single dimensional Array</td></tr>
<tr><td colspan="2"></td><td colspan="3"><u>Part-B</u>:
1. Program to Swap Two Numbers
2. Program to read a string and to find the number of alphabets, digits, vowels, consonants, spaces and special characters.
3. Program to Reverse a string without using built in function
4. Program to find the length of a string without using built in function
5. Program to demonstrate string functions.
6. Program to read, display and to find the trace of a square matrix</td></tr>
</table>

	7. Program to perform addition and subtraction of Matrices 8. Program to read, display and multiply two mxn matrices using functions 9. Program to check a number for prime by defining is prime ( ) function 10. Program to demonstrate student structure to read & display records of n students. 11. Program to demonstrate the difference between structure & union.

Note: Student has to execute a minimum of 10 programs in each part to complete the Lab course

Evaluation Scheme for Lab Examination

Assessment Criteria		Marks
Program–1from Part A	Writing the Program	03
	Execution and Formatting	07
Program-2from Part B	Writing the Program	03
	Execution and Formatting	07
Viva Voice		05
Total		**25**

Year	I	**Course Code:**126BCA01XXXDSC02T **Course Title:** Fundamentals of Computers	**Credits**	03
Sem.	I		**Hours**	40
Course Pre-requisites, if any:		NA		
Formative Assessment Marks:40		Summative Assessment Marks: 60	Duration Of ESA: 02 hrs.	
Course Outcomes		At the end of the course the student should be able to: 1. Create an awareness of computer sits classification and an atomy 2. Understand Number systems, Computer Languages and the steps for problem solving 3. Understand the fundamentals of operating stems and basic commands 4. Understand basic concepts of DBM Sand Internet		

Unit No.	Course Content	Hours
Unit-I	**Fundamentals of Computers:** Introduction to Computers - Computer Definition, Characteristics of Computers, Evolution and Generations of Computers, Basic Organization of a Digital Computer; Functions& Components of a Computer, Central Processing Unit, Microprocessor, Storage units, Input and output Devices. How CPU and memory works. Classification of Digital Computer Systems: Microcomputers, Minicomputers, Mainframes, Super computers	10
Unit-II	**Number Systems** – different types, conversion from one number system to another; Computer Codes–BCD, Gray Code, ASCII; Boolean Algebra– Boolean Operators with Truth Tables; **Computer Languages** –Machine Level, Assembly Level & High Level Languages, Translator Programs– Assembler, Interpreter and Compiler; Planning a Computer Program–Algorithm and Flow chart with Examples.	10
Unit-III	**Operating System Fundamentals:** Operating Systems: Introduction, Functions of an operating System, Classification of Operating Systems, System programs, Application programs, Utilities, The Unix	10

	Operating System, Basic Commands (cal ,date, bc, echo, who, ls, pwd, cd, mkdir, rmdir), Commands to work with file (cat, cp, rm, mv, file, wc, head ,tail)	
Unit-IV	**Introduction to Database Management Systems:** Database, DBMS, Why Database - File system vs DBMS, Database applications, Database users, Introduction to SQL, Classification of SQL-DDL, DML,DCL **Internet Basics:** Introduction, Features of Internet, Internet application, Services of Internet , Logical and physical addresses, Internet Service Providers ,Domain Name System. **Web Basics:** Introduction to web, web browsers, http /https, URL.	10
Print Resources	1. Pradeep K. Sinha and Priti Sinha: Computer Fundamentals (Sixth Edition), BPB Publication 2. David Riley and Kenny Hunt, Computational thinking for modern solver, Chapman & Hall/CRC, 3. J.Glenn Brooks hear," Computer Science: An Overview", Addision-Wesley, Twelth Edition, 4. R. G. Dromey, " How to solve it by Computer", PHI,	

<table>
<tr><td>Year</td><td>I</td><td>CourseCode:126BCA01XXXDSC02L</td><td>Credits</td><td>02</td></tr>
<tr><td>Sem.</td><td>I</td><td>Course Title: Information Technology Lab</td><td>Hours</td><td>40</td></tr>
<tr><td colspan="2">Course Pre-requisites, If any:</td><td colspan="3">NA</td></tr>
<tr><td colspan="2">Formative Assessment Marks:25</td><td colspan="2">SummativeAssessmentMarks:25</td><td>DurationofESA:02hrs.</td></tr>
<tr><td colspan="2"></td><td colspan="3">Part-A:Hardware
1. Identification of the peripherals of a computer, components in a CPU and their functions.
2. Assembling and disassembling the system hardware components of personal computer.
3. Basic Computer Hardware Troubleshooting.
5. LAN and WiFi Basics.
6. Operating System Installation – Windows OS, UNIX/LINUX, Dual Booting.
7. Installation and Uninstallation of Software – Office Tools, Utility Software (like Anti-Virus, System Maintenance tools);Application Software-Like Photo/Image Editors, Audio Recorders/Editors, Video Editors…); Freeware, Shareware, Payware and Trialware; Internet Browsers, Programming IDEs,
8. System Configuration – BIOS Settings, Registry Editor, MSConfig,Task Manager, System Maintenance, Third-party System Maintenance Tools (Similar to C-Cleaner and Jv16PowerTools)</td></tr>
<tr><td colspan="2"></td><td colspan="3">Part-B:Software
1. Activities using Word Processor Software
2. Activities using Spreadsheets Software
3. Activities using Presentation Software
4. Activities involving Multimedia Editing (Images, Video, Audio)
5. Tasks involving Internet Browsing
6. Flow charts: Installation and using of logarithms software for different arithmetic tasks like sum, average, product, difference ,quotient and remainder of given numbers, calculate area of Shapes(Square, Rectangle, Circle and Triangle),arrays and recursion.</td></tr>
<tr><td colspan="2"></td><td colspan="3">Note: Use any Open sources of tware To execute the Above assignments.</td></tr>
</table>

Reference:

1. Computational Thinking for the Modern Problem Solver, By Riley DD, Hunt K.ACRC press, 2014

2. Ferragina P, LuccioF. Computational Thinking: First Algorithms, Then Code. Springer

Web References:

http://www.flowgorithm.org/documentation/

Evaluation Scheme for Information Technology Lab Examination

Assessment Criteria		**Marks**
Activity–1from Part A	Write up on the activity/task	3
	Demonstration of the activity/task	07
Activity-2from Part B	Write up on the activity/task	3
	Demonstration of the activity/task	07
Viva Voice based on Lab Activities		05
Total		**25**

Year	I	**Course Code:**126BCA01XXXDSC03T **Course Title:** Mathematical Foundation*	**Credits**	03
Year	I		**Hours**	40
Course Pre-requisites, if any	NA			
Formative Assessment Marks: 40	Summative Assessment Marks:: 60	Duration of ESA: 02hrs.		
Course Outcomes	At the end of the course the student should be able to: 1. Study and solve problems related to connectives, predicates and quantifier sunder different situations. 2. Develop basic knowledge of matrices and to solve equation susing Cramer‟s rule. 3. Know the concept of Eigen values. 4. To develop the knowledge about derivatives and know various applications of differentiation. 5. Understand the basic concepts of Mathematical reasoning, set and functions			
Unit No.	**Course Content**			**Hours**
Unit-I	**Basic concepts of set theory:** Mathematical logic introduction statements Connectives- negation, Conjunction, disjunction statement formulas and truth tables-conditional and bi Conditional statements-tautology contradiction-equivalence off or mulas- duality law-Predicates and Quantifiers, Arguments.			10
Unit-II	**Operations on sets**: power set- Venn diagram Cartesian product-relations - functions- types of functions-composition of functions.			10
Unit-III	**Matrix algebra:** Introduction-Types of matrices-matrix operations-transpose of a matrix-determinant of matrix-inverse of a matrix-Cramer‟s rule. **Matrix:** finding rank of a matrix –normal form-echelon form Cayley Hamilton theorem-Eigen values			12
Unit-IV	**Differential calculus:** Functions and limits-Simple Differentiation of Algebraic Functions –Evaluation of First and Second Order Derivatives –Maxima and Minima			08

Recommended Learning Resources	
Print Resources	1.P.R.Vittal-BusinessMathematicsandStatistics,Margham Publications, Chennai B.S. Vatsa- Discrete Mathematics–New Age International Limited Publishers, New Delhi

Year	I	**CourseCode:**126BCA01XXXDSC04T **Course Title:** Accountancy	**Credits**	03
Sem.	I		**Hours**	40
Course Pre-requisites, if any	NA			
Formative Assessment Marks:40	Summative Assessment Marks:60		Duration of ESA: 02hrs.	
Course Outcomes	At the end of the course the student should be able to: 1. Study and understand Accounting, systems of Book, Branches of accounting advantage and limitations 2. Know the concept of accounting, financial accounting process and Journalization 3. Maintenance different account book and reconciliations 4. Preparations of different bills, and trial balance.			
Unit No.	**Course Content**			**Hours**
Unit-I	**Introduction:** History and Development of Accounting, Meaning, Objectives and functions of Accounting, Book keeping V/s Accounting, Users of accounting data, systems of book keeping and accounting ,branches of accounting, advantage and limitations of accounting			08
Unit-II	**Accounting Concepts and Convention:** Meaning, need and classification, accounting standards meaning, need and classification of Indian accounting standards. Accounting principles V/s accounting standard. Financial Accounting Process: Classification of accounting transactions and accounts, rules of debit and credit as per Double Entry System. Journalization and Ledger posting.			10
Unit-III	**Preparation of Different Subsidiary Books:** Purchase Day book Sales Day Book, Purchase Returns Day Book, Sales Returns Day Book, Cash Book. Bank Reconciliation Statement: Meaning, Causes of Difference, Advantages, Preparation of Bank Reconciliation Statements.			10
UnitIV	**Account Procedure:** Honor of the Bill, Dishonor of the Dill, Endorsement, Discounting, Renewal, Bill for collection, Retirement of the Bill, Accommodation Bills, Bill Receivable Book and Payable Book. Preparation of Trial Balance: Rectification of errors and Journal Proper. **Preparation of Final Accounts:** Meaning, need and classification, Preparation of Manufacturing, Trading, Profit and loss account and Balance –Sheet of sale-traders and partnership firms.			12

Recommended Learning Resources	
Print Resources	**Reference Books:** 1. S. Ramesh, B.S. Chandrashekar, A Text Book of Accountancy. 2. V.A.Patiland J.S. Korlahalli, Book– keeping and accounting, (R. Chandand Co.Delhi). 3. R.S. Singhal, Principles of Accountancy, (Nageen Prakash pvt .Lit. Meerut). 4. M.B. Kadkol, Book–Keeping and Accountancy,(Renuka Prakashan, Hubil) 5. Vithal, Sharma: Accounting for Management, Macmillan Publishers, Mumbai. 6. B B.S.Raman, Accountancy, (United Publishers, Mangalore). 7. Tulsian, Accounting and Financial Management– I:FinancialAccounting– Person Education

ASSESSMENT METHOD
EVALUATION SCHEME FOR INTERNAL ASSESMENT
Theory:

Assessment Criteria	**40marks**
1st Internal Assessment Test for30 marks 1 hr after 8 weeks and 2nd Internal Assessment Test for 30 marks 1 hr after 15 weeks. Average of two tests should be considered.	30
Assignment	10
Total	**40**

Assessment Criteria	**25marks**
1st Internal Assessment Test for 20 marks 1/2hr after 8 weeks and 2nd Internal Assessment Test for 20marks 1/2hr after 15 weeks. Average of two tests should be considered.	20
Assignment	05
Total	**25**

Practical:

Assessment Criteria	**25marks**
Semester End Internal Assessment Test for 20 marks 2hrs	20
Journal (Practical Record)	05
Total	**25**

Question Paper Pattern:

Bachelor of Computer Applications

Sub: Code: Maximum Marks:60

a. Answer any Six Questions from Question1

b. Answer any Three each Questions from Question 2,3,4 and 5

Q.No.1.	**Answer any Six Questions (At lest Two question from Each Unit)** **a.** **b.** **c.** **d,** **e.** **f.** **g.** **h.**	**2X6=12**
Q.No.2.	**(Should cover Entire Unit-I)** **a.** **b.** **c.** **d.**	**4X3=12**
Q.No.3.	**(Should cover Entire Unit-II)** **a.** **b.** **c.** **d.**	**4X3=12**
Q.No.4.	**(Should cover Entire Unit-III)** **a.** **b.** **c.** **d.**	**4X3=12**
Q.No.5.	**(Should cover Entire Unit-IV)** **a.** **b.** **c.** **d.**	**4X3=12**

BCA I SEMESTER OEC

NOTE: Students from Other Departments / Subjects may choose one OE course from BCA department.

OPEN-ELECTIVE SYLLABUS:

Year	I	**Course Code:**126BCA01XXXOEC01T **Course Title: C programming Concepts**	**Credits**	03
Sem.	I		**Hours**	30
Course Pre-requisites, if any		NA		
Formative Assessment Marks:40		Summative Assessment Marks:60	Duration of ESA:..32hrs.	
Course Outcomes		At the end of the course the student should be able to: 1. Read, understand and trace the execution of programs written in C language 2. Apply programming control structures for a given problem to create C code 3. Understand derived data types and develop C code using arrays/strings 4. Understand user defined functions and data types to Develop C code		
Unit-No.		**Course Content**		**Hours**
Unit-I		**Introduction to C Programming:** Overview of C; History and Features of C; Structure of a C Program with Examples; Creating and Executinga C Program; Compilation processin C. **C Programming Basic Concepts: C Character** Set; C tokens- keywords, identifiers, constants, and variables; Data type; Declaration & initialization of variables; Symbolic constants. **Input and output with C:** Formatted I/O functions - *print f* and *scan f,* control stings and escape sequences, output specifications with *print f*functions; Unformatted I/O functions to read and display single character and a string - *getchar, putchar, gets* and *puts* functions **C**		10

Unit-II	**Operators & Expressions:** Arithmetic operators; Relational operators; Logical operators; Assignment operators; Increment & Decrement operators; Bitwise operators; Conditional operator; Special operators; Operator Precedence and Associatively; Evaluation of arithmetic expressions; Type conversion. **Control Structures:** Decision making Statements - Simple if, if_ else, nested if_else, else_if ladder ,Switch Case, goto, break & continue statements; Looping Statements-Entry controlled and exit controlled	10
	statements, while, do-while, for loops, Nested loops.	
Unit-III	**Derived data types in C:** Arrays: One Dimensional arrays-Declaration, Initialization and Memory representation; Two Dimensional arrays-Declaration, Initialization and Memory representation. **Strings:** Declaring & Initializing string variables; String handling functions - strlen ,strcmp,s trcpyandstrcat; Character handling Functions - toascii, toupper, tolower,Isalpha ,is numericetc	10
Unit-IV	**User Defined Functions:** Need for user defined functions; Format of Cuser defined functions; Components of user defined functions - return type, name, parameter list, function body, return statement and function call; Categories of user defined functions-With and without parameters and return type.	10
Recommended Leaning Resources		
Print Resources	**Reference Books:** 1. C:The Complete Reference, By Herbert Schildt. 2. C Programming Language, By Brain W. Kernighan 3. Kernighan & Ritchie: The C Programming Language(PHI) 4. E. Balaguru swamy: Programming in ANSIC (TMH) 5. Kamthane: Programming with ANSI and TURBO C(PearsonEducation) 6. V.Rajaraman: Programming in C(PHI–EEE) 7. S. Byron Gott fried: Programming with C (TMH) 8. Yashwant Kanitkar: Let us C 9. P.B.Kottur: Programming in C(Sapna Book House)	

Common Syllabus for all UG Programmers

Digital Fluency (SEC)	
Course Credits: 02	Total Contact Hours 30
InternalAssessmentMarks:15	Semester End Examination Marks:35

Digital Fluency

COURSE CODE: 126COM01XXXSEC01T

Skill Enhancement Course1

Course Content

Semester:B.Com/B.Sc/BCA1stSemesterandBA/BBA/BSW2ndSemester

Course Title: **Digital Fluency**	Course Credits:2
TotalContactHours:15hoursoftheory and30hoursofpracticals	DurationofExam:1hour
FormativeAssessmentMarks:**25marks**	SummativeAssessmentMarks:**25marks**

Course Outcomes (COs):

After completing these courses satisfactorily, a student will be able to:

- To perform and get knowledge about applications, virtual learning and internet fundamentals.
- Developholisticallybylearningessentialskillssuchaseffectivecommunication, problem-solving, design thinking, and teamwork.

Course Content:

Content	Hours
Unit–1	
Introduction to Computer and Emerging Technology: An Overview of Computer, Block Diagram of Computer, Evolution and Generations of Computers, Software and its types, Operating Systems, types of operating systems, major functions of the operating systems. Introduction to emerging technologies and its applications-Artificial Intelligence, IoT, Cloud Computing, Machine learning, Big Data.	05
Unit–2	
Office Automation Tools and Google Apps: **Office automation tools:** MS-Word, MS-Excel and MS-Power point,creatinganemail-ID,workingwithe-mail,addressingwithccandbcc, **Working with Google Apps**: Google forms: Creating and analysis of response, Google Docs – creating Google Docs and posting, Google Sheets-Creating and Editing, Google Drive-uploading and sharing of files And folders, working with Google Meet.	05

Unit–3	
E-learning-commerce and Security Aspects: **E-learning-**Introduction to e-learning platforms such as Swayamand MOOC. **E-Commence:** Basic Web Commerce Concept, **E- payment methods: E- c**ash Payment System, Credit Payment System, Types of Electronic Payment Systems: Credit Card •Debit Card • Smart Card •E- Money •Electronic Fund Transfer (EFT). **CyberSecurity:** ThreatsandPrevention, Virusesanditstypes, Antivirus, HTTP vs. HTTPS, Firewall, Cookies, Hackers and Crackers.	05
➢ **Laboratory Activities(Perform the following assignments):** • Identifying the configuration and version of a computer system (PC), laptop, and a mobile phone. • Observing files on Scooting • Finding the background and foreground processes on Task manager. • Translating Kannada word into English in Google embedded with AI. • Use Google assistant on any android Smartphone to dictate commands and to launch apps • Downloading your e-adhar. • Creating resume in Word processor. • Creating PowerPoint presentation or your college introduction and apply transitions and animations. • Create your mark sheet in Microsoft Excel. • Simple computation using spreadsheet. • Create an email-ID and sending and forwarding. • Attaching files and downloading files in email. • Creating a Google form and send it to end users. • Scheduling a virtual meet and invite peoples to join the Google meet. • Creating a hotspot from a mobile phone, and allowing others to use the hotspot. • Sign in and create account- learning platforms such as Swayamand MOOC. • Creating an account in the railway reservation website, IRCTC, and finding trains from Belagavi to Bangalore. • Demo of online order placing for book using lip kart/amazon, etc. • Install any antivirus appinyourmobileandscan. • Demonstrate unsecured (HTTP) and secured (HTTPS) websites. **Textbooks** **:** 1. Fundamentals of computers-V.Rajaraman-Prentice-Hall of India. 2. Computer Fundamentals-P.K.Sinha Publisher:BPBPublications.	30

Reference Links:

- Digital101CourseofferedbyFutureSkill
-
- Prime Platform
  https://learn.futureskillsprime.in/
- Operating
  Systems:https://ftms.edu.my/v2/wpcontent/uploads/2019/02/csca0101_ch06.p
  df
- NineDotsinGoogle.com
- GmailCreatinglinks:
  https://clubrunner.blob.core.windows.net/00000000961/en-ca/files/homepage/how-to-create-a-gmail-account/HowtoCreateaGmailAccount.pdf
- GoogleForms:https://pdst.ie/sites/default/files/Google%20Drive_1.pdf
- GoogleMeet:https://edvance.hawaii.hawaii.edu/wp-content/uploads/Google-Meet-Tutorial-Getting-Started-and-Recording-a-Lecture.pdf
- Swayam:https://www.aicte-india.org/bureaus/swayam
- Security Aspects-https://ncert.nic.in/textbook/pdf/lecs112.pdf
- E-Commence:http://www.aagasc.edu.in/cs/msccs/ECommerce%20Unit%201.pdf

``````````````E-payment
Methods: http://www.dspmuranchi.ac.in/pdf/Blog/e%20business%20UnitIII,%20%202020.pdf
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BBA1.6–PhysicalEducation-Yoga/Health and Wellness(SEC)	
Course Credits 02	Total Contact Hours 30
InternalAssessmentMarks:15	Semester End Examination Marks:35

Common Syllabus for all UG Programmers

Course Code: 126COM01XXXVBC01B

Semester-I
Skill Enhancement Courses (SEC-1)
Title of the Course:
PHYSICAL EDUCATION and YOGA
(BA/BSc/BCom/BBA/BCA& all other UG Courses)

Course Code	Theory /Practical	Credits	No. Of Teaching Hours/Week	Total No. Of Teaching Hours	Duration of Exam in hrs	Internal Assessment Marks	Semester End Exam Marks	Total Marks
PEP-SEC1-1 **Sub TotalA**	PhysicalEducation and Yoga	**1**	**2**	**28**	**-**	**25**	**-**	**25**
PET+PEP-SEC1-2 **SubtotalB**	Health andWellness	**1**	**2**	**14+14**	**-**	**25**	**-**	**25**

Content of Practical Course	`28Hrs
Unit1:-Physical Education ● General &Specificwarmupexercises ● RecreationGamesandFitness ● Any1Major Game and one minor game (A student canchooseany1majorgamebasedontheavailability of facilities in the college, if not any two minor games.) **Unit2:-Yoga** ● ShitalikarnaVyayama ● Suryanamaskara(Compulsory) ● BasicSetofYogaAsanas ● BasicSetofPranayama&Meditation	**28**

Formative Assessment	
K2Assessmenttype	**WeightageinMarks**
Practical's	InternalAssessment-25
Total	25Marks

Pedagogy-Thecourseshallbetaughtthrough Lecture, Practical's, Interactive, Sessions, Materials, Assignments, Seminars, Intramural & Extramural.

References:

1. Russell, R.P.(1994).HealthandFitnessThroughPhysicalEducation.USA:Human Kinetics.
2. Uppal, A.K.(1992).PhysicalFitness.NewDelhi:FriendsPublication.
3. Nagendra, H.R. &Nagarathna, R. (2002).SamagraYogaChikitse. Bengaluru: SwamiVivekanandaYogaPrakasana.
4. Kumar, Ajith.(1984)YogaPravesha.Bengaluru:RashtrothannaPrakashana.
5. D.MJyoti,YogaandPhysicalActivities(2015)lulu.com3101,Hillsborough,NC2 7609,UnitedStates

CourseCode: 126COM01XXXVBC02T

Semester-I
Skill Enhancement Courses (SEC-2)
Title of the Course:
HEALTHANDWELLNESS
(BA/BSc/BCom/BBA/BCA&allotherUGCourses)

Content of Course(1+0+1)	**14+14 Hrs**
Unit1:-Introduction 1. Meaning, Definition and dimensions of Health and Wellness. 2. Factors affecting FitnessandWellness 3. RoleofFitnessinmaintainingHealthandWellness 4. Importance of Health Education and Wellness **Unit2:-Methods to Maintain Health and Wellness** 1. Role of Physical Activities and Recreational Games for Health and Wellness 2. Role of YogaasanasandMeditationinmaintaining HealthandWellness 3NutritionforHealth&Wellness **Unit3:-Anxiety,StressandAging** 1. Meaning of Anxiety, Stress and Aging 2. Types and Causes of Stress 3. Stress relief through Exercise and Yoga	**28**

Formative Assessment	
Assessment type	**WeightageinMarks**
TheoryandPractical	Internal Assessment 25Marks
Total	25Marks

Pedagogy-Thecourse shallbetaughtthroughLecture,Practicals, Interactive ,Sessions, Materials,Assignments,Seminars,Intramural&Extramura

References

1. AAPHERD "Health related Physical Fitness Test Manual."1980Published byAssociationdriveRestonVirginia
2. Bucher.C.A(1979)foundationofPhysicalEducation(5th edition MissouriCVMosbyCo.)
3. Puri.k.ChandraS.S(2005)"HealthandPhysicalEducation"New Delhi:SurjeetPublication
4. ThomasDFaheyandothers.Fitandwell:6thEditionNewYork:McGrawHill Publishers, 2005
5. DixitSuresh(2006)SwasthyaShikshasportsPublicationsDelhi.
6. UppalAK&GautamGP(2008)HealthandPhysicalEducation.FriendsPublicationNewDelhi
7. Pinto John and Roshan Kumar(2021)"Introductionto PhysicalEducation",LouisPublication.Mangalor
8. ShantiKY(1987)"TheScienceofYogicBreathier"(Pranayama)DBBombay
9. ZieglerEF(2007)"AnIntroductiontoSportsandPhysicalEducation"PhilosophyDelh
10. PintoJohnandRamachandraK(2021)KannadaVersion "DahikaSikshanadaParichaya"Louispublications.Mangalore

BCA LANGUAGE– I &II SUBJECTS

COURSE CODE:126BCA01LANAEC01T

ಕನ್ನಡ ಪಠ್ಯಕ್ರಮ

ಮೊದಲ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಬಿ.ಎ/ಬಿ.ಸಿ.ಎ. (Ability Enhancement Compulsory Course)

Language–1

(ವಾರಕ್ಕೆ 4ಗಂಟೆಗಳ ಪಾಠ. 3 ಕ್ರೆಡಿಟ್‌ಗಳ ಪತ್ರಿಕೆ. ಒಟ್ಟು ಅಂಕಗಳು–100. ಥಿಯರಿ ಪರೀಕ್ಷೆಗೆ–60 ಅಂಕಗಳು. ಆಂತರಿಕ ಗುಣಾಂಕಗಳಿಗೆ–40 ಅಂಕಗಳು. ಸೆಮಿಸ್ಟರ್ ಅಂತ್ಯಕ್ಕೆ 2 ಗಂಟೆಗಳ ಪರೀಕ್ಷೆ. ಆಂತರಿಕ ಗುಣಾಂಕಗಳ ಕುರಿತು ನೀಡಿದ ನಿರಂತರ ಮೌಲ್ಯಮಾಪನ ಪದ್ಧತಿಯನ್ನು ಮೇಲೆ ತಿಳಿಸಿರುವಂತೆ ನಡೆಸುವುದು.)

ಘಟಕ –1 : ಕನ್ನಡ ನಾಡು – ನುಡಿ ಪ್ರಜ್ಞೆ

1. ಅಖಂಡ ಕರ್ನಾಟಕ – ಕುವೆಂಪು
2. ಲಿಪಿಲತೆ– ಡಿ. ಎಸ್. ಕರ್ಕಿ
3. ಕನ್ನಡ : ಈ ಶತಮಾನದಹೊಸಸವಾಲುಗಳು– ಕೆ. ವಿ. ನಾರಾಯಣ
4. ಪ್ರಾಚೀನ ಕನ್ನಡಸಾಹಿತ್ಯದಲ್ಲಿ ಕನ್ನಡ– ಕರ್ನಾಟಕ– ಟಿ. ವೆಂಕಟಾಚಲಶಾಸ್ತ್ರೀ

ಘಟಕ–2 : ಅಂತಃಕರಣ

1. ರೇಲ್ವೆನಿಲ್ದಾಣದಲ್ಲಿ – ಕೆ. ಎಸ್. ನರಸಿಂಹಸ್ವಾಮಿ
2. ಅವ್ವ – ಪಿ. ಲಂಕೇಶ
3. ಅಂಗುಲಿಮಾಲ (ಬುದ್ಧ ಅಂಗುಲಿಮಾಲರಸಂವಾದದ ಆಯ್ದಭಾಗ) – ಪ್ರಭುಶಂಕರ
4. ಒಂದುಸೈಕಲ್‌ಸಾಕು– ಕೆ. ಸತ್ಯನಾರಾಯಣ

ಘಟಕ–3 :ಸೌಂದರ್ಯ

1. ಶ್ರಾವಣ ಬಂತು– ದ. ರಾ. ಬೇಂದ್ರೆ
2. ಜಗವೆ ಕೂಡಲಸಂಗಮ– ಕಾವ್ಯಾನಂದ
3. ನಾವುಹುಡುಗಿಯರೇಹೀಗೆ – ಪ್ರತಿಭಾನಂದಕುಮಾರ

ಘಟಕ–4 :ಸಂಕೀರ್ಣ

1. ರಂಗೋಲಿ – ನಿಸ್ಸಾರ್ ಅಹಮ್ಮದ್ (ಕವಿತೆ)
2. ಬುದ್ಧಿವಂತಮಗ– ಟಿ. ಎಸ್. ರಾಜಪ್ಪ (ಸಂ.) (ಜನಪದ ಕಥೆ)

ಬಾಗಲಕೋಟ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ರಾಜ್ಯ ಸಾರ್ವಜನಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ)
ಮುಧೋಳ ರಸ್ತೆ, ಜಮಖಂಡಿ–587301 ಬಾಗಲಕೋಟೆ ಜಿಲ್ಲೆ

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Tel No: (08353)295123, 295124

ಶಾಸ್ತ್ರೀಯ ಕನ್ನಡ ಭಾಷಾ ಅಧ್ಯಯನ ವಿಭಾಗ

ಕನ್ನಡ ಪಠ್ಯಕ್ರಮ

ಮೊದಲ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎಸ್ಸಿ

(Ability Enhancement Compulsory Course)

Language-1

ಕನ್ನಡ ಭಾಷಾ ವಿಷಯದ ಪಠ್ಯಕ್ರಮ ಹಾಗೂ ಆಂತರಿಕ ಮತ್ತು ಥಿಯರಿ ಪರೀಕ್ಷಾ ವಿಧಾನವು ಮೊದಲ ವರ್ಷಕ್ಕಾಗಿ ಅಂದರೆ 2021–22ನೇ ಸಾಲಿನ ಮೊದಲ ಮತ್ತು ಎರಡನೆಯ ಸೆಮಿಸ್ಟರ್ ಕನ್ನಡ ಭಾಷಾ ವಿಷಯದ ಪಠ್ಯಕ್ರಮ ಹಾಗೂ ಪರೀಕ್ಷಾ ವಿಧಾನವು ಈ ಮುಂದಿನಂತಿರುತ್ತದೆ.

1. ಆಂತರಿಕ ಅಂಕಗಳ ಮಾದರಿ ಮತ್ತು ನೀಡುವ ವಿಧಾನ : ಸಮಗ್ರ ಮತ್ತು ನಿರಂತರ ಮೌಲ್ಯಮಾಪನ ಮಾದರಿಯನ್ನು ಅನುಸರಿಸಬೇಕಾಗಿರುತ್ತದೆ. ರಚನಾತ್ಮಕ ಮೌಲ್ಯಮಾಪನ (**Formative Assessment**) ಅಂತಿಮ ಹಂತದಲ್ಲಿ ಸಂಚಿತ ಮೌಲ್ಯಮಾಪನ (**Summative Assessment**) ಕ್ರಮದಂತೆ ಆಂತರಿಕ ಅಂಕಗಳನ್ನು ನಿರಂತರ ಮೌಲ್ಯಮಾಪನದ ವರದಿ ಮತ್ತು ಸಂಚಿತ ಮೌಲ್ಯಮಾಪನದ ವರದಿಯ ಆಧಾರದ ಮೇಲೆ ನೀಡುವುದು.

i. ಪತ್ರಿಕೆ ಒಟ್ಟು 100 ಅಂಕಗಳು
ii. ಘಟಕ 1ರ (**Component 1- C1**) ನಿರಂತರ ಮೌಲ್ಯಮಾಪನಕ್ಕೆ 20 ಆಂತರಿಕ ಅಂಕಗಳು (ಸೆಮಿಸ್ಟರ್‌ನ ಮೊದಲೆರಡು ತಿಂಗಳು)
iii. ಘಟಕ 2ರ (**Component 2- C2**) ನಿರಂತರ ಮೌಲ್ಯಮಾಪನಕ್ಕೆ 20 ಆಂತರಿಕ ಅಂಕಗಳು (ಸೆಮಿಸ್ಟರ್‌ನ ನಂತರದೆರಡು ತಿಂಗಳು)
iv. ಸೆಮಿಸ್ಟರ್ ಅಂತ್ಯದ ಪರೀಕ್ಷೆಗೆ 60 ಅಂಕಗಳು.

2. **Evaluation process of IA marks shall be as follows:**

a) The first component (C1) of assessment is for 20% marks. This shall be based on test, assignment, seminar, case study, field work, project work etc. This assessment and score process should be completed after completing 50% of syllabus of the course/s and within 45 working days of semester program.
b) The second component (C2) of assessment is for 20% marks. This shall be based on test, assignment, seminar, case study, field work, internship / industrial practicum / project work etc. This assessment and score process should be based on completion of remaining 50 percent of syllabus of the courses of the semester.
c) During the 17th – 19th week of the semester, a semester end examination shall be conducted by the University for each course. This forms the third and final component of assessment (C3) and the maximum marks for the final component will be 60%.
d) In case of a student who has failed to attend the C1 or C2 on a scheduled date, it shall be deemed that the student has dropped the test. However, in case of a student who could not take the test on scheduled date due to genuine reasons, such a candidate may appeal to the Program Coordinator / Principal. The Program Coordinator / Principal in consultation with the concerned teacher shall decide about the genuineness of the case and decide to conduct special test to such candidate on the date fixed by the concerned teacher but before commencement of the concerned

semester end examinations.

e) For assignments, tests, case study analysis etc., of C1 and C2, the students should bring their own answer scripts (A4 size), graph sheets etc., required for such tests/assignments and these be stamped by the concerned department using their department seal at the time of conducting tests / assignment / work etc.

f) The outline for continuous assessment activities for Component-1 (C1) and Component -2 (C2) of a course shall be as under

Activities	C1	C2	Total Marks
Session Test	10% marks	10% marks	20%
Seminars/Presentations/Activity	10% marks		10%
Case study /Assignment / Field work / Project work etc.		10% marks	10%
Total	20% marks	20% marks	40%

Conduct of Seminar, Case study / Assignment, etc. can be either in C1 or in C2 component at the convenience of the concerned teacher.

Semester & Course	Course	Course Outcome
1st Semester Language-1	ಕನ್ನಡ	ಬಿ.ಎಸ್ಸಿ. ಕನ್ನಡ ಪಠ್ಯಕ್ರಮವು ಕನ್ನಡ ನಾಡು–ನುಡಿ ಪ್ರಜ್ಞೆ, ಭೂಮಿ, ವೈಜ್ಞಾನಿಕ ಮನೋಧರ್ಮ ಮತ್ತು ಸಂಕೀರ್ಣಗಳೆಂಬ ನಾಲ್ಕು ಥೀಮ್‌ಗಳನ್ನು ಭೂಮಿಕೆಯನ್ನಾಗಿಟ್ಟುಕೊಂಡು ವಿನ್ಯಾಸಗೊಳಿಸಲಾಗಿದೆ. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಸಾಮರ್ಥ್ಯ ಸಂವರ್ಧನೆಗೆ ಅಗತ್ಯವಿರುವ ಭಾಷಿಕ, ಬೌದ್ಧಿಕ, ಶೈಕ್ಷಣಿಕ, ವ್ಯವಹಾರಿಕ, ನೈತಿಕ ಮತ್ತು ಸಾಂಸ್ಕೃತಿಕ ಕಾಳಜಿಗಳನ್ನು ಗಮನದಲ್ಲಿಟ್ಟುಕೊಂಡು ಮಾನವೀಕರಣ ಪ್ರಕ್ರಿಯೆಯ ಉಪಕ್ರಮವಾಗಿ ಚರ್ಚೆಗೆ ಚೌಕಟ್ಟನ್ನು ಕಲ್ಪಿಸಿಕೊಡಲಾಗಿದೆ. ಅಧ್ಯಾಪಕರುಗಳು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿಸಲು ವಿಭಿನ್ನ ಬೋಧನೋಪಕರಣಗಳನ್ನು ಹಾಗೂ ಜ್ಞಾನದ ಇತರ ಸಾಮಗ್ರಿಗಳನ್ನು ಬಳಸಿಕೊಳ್ಳಲು ಔಚಿತ್ಯವಾದ ವಾತಾವರಣವನ್ನು ಸೃಷ್ಟಿಸಲಾಗಿದೆ.

Model Question Paper

Max Marks: 60 Max **Time: 2 hrs**

1. ಪ್ರತಿ ಘಟಕದಿಂದ ಒಂದರಂತೆ ನಾಲ್ಕನ್ನು ಕೇಳಿ ಮೂರಕ್ಕೆ ಉತ್ತರಿಸಲು ಹೇಳುವುದು. 10X3=30
2. ಪ್ರತಿ ಘಟಕದಿಂದ ಒಂದರಂತೆ ನಾಲ್ಕನ್ನು ಕೇಳಿ ಮೂರಕ್ಕೆ ಉತ್ತರಿಸಲು ಹೇಳುವುದು. 5X3=15
3. ಎಲ್ಲ ಘಟಕಗಳಿಂದ ಒಟ್ಟು ಏಳು ಪ್ರಶ್ನೆಗಳನ್ನು ಕೇಳಿ (ಲಘು ಪ್ರಶ್ನೆ ಅಥವಾ ಟಿಪ್ಪಣಿ ಅಥವಾ ಸಂದರ್ಭದ ಸ್ವಾರಸ್ಯ ಅಥವಾ ಕಾವ್ಯದ ಅರ್ಥವ್ಯಾಖ್ಯಾನ, ಸಾರಾಂಶ) ಐದಕ್ಕೆ ಉತ್ತರಿಸಲು ಹೇಳುವುದು. 3X5=15

FUNCTIONALKANNADA

COURSECODE:126BCA01LANAEC02T

ಎಲ್ಲಾ ಸ್ನಾತಕ ಪದವಿಗಳಿಗೆ ಕನ್ನಡೇತರರಿಗೆ ಕನ್ನಡ ವಿಷಯ

(Ability Enhancement Compulsory Course)

Language-1

(ವಾರಕ್ಕೆ 4ಗಂಟೆಗಳ ಪಾಠ. 3 ಕ್ರೆಡಿಟ್‌ಗಳ ಪತ್ರಿಕೆ. ಒಟ್ಟು ಅಂಕಗಳು–100. ಥಿಯರಿ ಪರೀಕ್ಷೆಗೆ–60 ಅಂಕಗಳು. ಆಂತರಿಕ ಗುಣಾಂಕಗಳಿಗೆ–40 ಅಂಕಗಳು. ಸೆಮಿಸ್ಟರ್ ಅಂತ್ಯಕ್ಕೆ 2 ಗಂಟೆಗಳ ಪರೀಕ್ಷೆ. ಆಂತರಿಕ ಗುಣಾಂಕಗಳ ಕುರಿತು ನೀಡಿದ ನಿರಂತರ ಮೌಲ್ಯಮಾಪನ ಪದ್ಧತಿಯನ್ನು ಮೇಲೆ ತಿಳಿಸಿರುವಂತೆ ನಡೆಸುವುದು.)

ಮೊದಲನೆಯ ಸೆಮಿಸ್ಟರ್

ಭಾಗ–1

1. ಕನ್ನಡ ಅಕ್ಷರ ಮಾಲೆ
2. ಕಾಗುಣಿತ ಮಾಲೆ
3. ಒತ್ತಕ್ಷರಗಳು
4. ಅಂಕಿಗಳು
5. ನಾಮಪದ ಹಾಗೂ ಸರ್ವನಾಮಗಳು
6. ಕ್ರಿಯಾಪದಗಳು
7. ಕೆಲ ದಿನ ಬಳಕೆಯ ದಿನಸಿ ಪದಾರ್ಥಗಳು
8. ಮನೆಯ ಕೈಬಳಕೆಯ ಕೆಲ ವಸ್ತುಗಳು
9. ಸಂಬಂಧವಾಚಕ ಪದಗಳು
10. ಮಾನವ ಹಾಗೂ ಪ್ರಾಣಿ–ಪಕ್ಷಿಗಳ ಶಾರೀರಿಕ ವಾಚಕ ಪದಗಳು
11. ತಿಂಡಿ–ತಿನಿಸು ಆಹಾರ ಪದಾರ್ಥಗಳು
12. ಪಶು, ಪಕ್ಷಿ ಹಾಗೂ ವೃಕ್ಷವಾಚಕ ಪದಗಳು

ಭಾಗ–2

1. ಕರ್ನಾಟಕದ ಭೌಗೋಳಿಕ ಲಕ್ಷಣ
2. ಕರ್ನಾಟಕದ ಜಿಲ್ಲೆಗಳು
3. ಪ್ರವಾಸಿ ತಾಣಗಳು
4. ವನ್ಯ ಸಂಪತ್ತು
5. ಐತಿಹಾಸಿಕ ತಾಣಗಳು
6. ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು
7. ಬೆಳೆಗಳು
8. ಕನ್ನಡದ ಪ್ರಸಿದ್ಧ ಕವಿಗಳು ಹಾಗೂ ಅವರ ಕೃತಿಗಳು
9. ಪ್ರಸಿದ್ಧ ಕಲಾವಿದರು
10. ಕರ್ನಾಟಕದ ಪ್ರಸಿದ್ಧ ಅರಸು ಮನೆತನಗಳು

ಸೂಚನೆ : ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಸ್ತ್ರೀಯ ಕನ್ನಡ ಭಾಷಾ ಅಧ್ಯಯನ ಸಂಸ್ಥೆಯ ಅಭ್ಯಾಸ ಮಂಡಳಿಯು ಡಾ. ವಿ. ಎಸ್. ಮಾಳಿ ಹಾಗೂ ಡಾ. ಬಿ. ಎಂ. ಪಾಟೀಲ ಅವರು ಸಿದ್ಧಪಡಿಸಿರುವ E-bookನ್ನು ಇದರೊಟ್ಟಿಗೆ ಲಗತ್ತಿಸಿದೆ. ಅಧ್ಯಾಪಕರುಗಳು E-bookನ್ನು ಅಥವಾ ಸ್ವತಂತ್ರ ಅಧ್ಯಯನ ಸಾಮಗ್ರಿಗಳನ್ನು ಬಳಸಿಕೊಂಡು ಪಠ್ಯಬೋಧನೆಯನ್ನು ಮಾಡಲು ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಡಲಾಗಿದೆ.

Semester I-English

Bachelor of Science (Basic/Hons) Programme/ Bachelor of Home Science Programme/ Degree in Fashion and Apparel Design/InteriorDesignandDecoration/BachelorofScienceinClinicalNutrition(Basic/Hons.)withClinicalNutrition/ Bachelor of Computer Applications (Basic/Hons.) with Computer Applications .
(BothSubjectswithpractical/Onesubjectwithoutpracticalandonesubjectwithpractical)

Year	2021	**CourseCode:126BCA01LANAEC03T** **CourseTitle: English**	**Credits**	3
Sem.	I		**Hours**	4
CoursePre-requisites,ifany		NA		
FormativeAssessmentMarks:40		SummativeAssessmentMarks: 60		
Course Outcomes		Attheendofthecoursethestudentshouldbeable to: 1. AcquiretheLSRW(Listening,Speaking,Reading,andWriting)skills. 2. Learntoappreciateliterarytexts. 3. Obtaintheknowledgeofliterarydevicesand genres. 4. Acquiretheskillsofcreativitytoexpressone's experiences. 5. Knowhowtousedigitallearningtools. 6. Beawareoftheirsocial responsibilities. 7. Developcriticalthinkingskills. 8. Developgendersensitivity 9. Increasereadingspeed,analyticalskillsanddeveloppresentationskills. 10. Becomeemployablewithrequisiteprofessionalskills,ethicsandvalues		
UnitNo.		**Course Content**	**SuggestedPedagogy**	**60 Hours**
UnitI		1. WatertheElixir oflife–C.V.Raman 2. SpokenEnglishandBrokenEnglish-G.B. Shaw 3. TigerintheTunnel-RuskinBond	Lectures Tutorial s GroupDiscussion	15hrs

UnitII	1. Vachana820(SpeakingofShiva)byA.K.Ramanujan 2. ToIndiaMyNativeLand–HenryDerozio 3. TheRoadnotTakenbyRobertFrost	Lectures Tutorial s GroupDiscussion	9hrs
UnitIII	IntroducingOneself,Introducingothers,Requests,Offeringhelp, Congratulating,Enquiries,SeekingpermissionGivinginstructions to do a	Lectures Tutorial s	16hrs

	task,	Group Discussion Role Play	
UnitIV	1. Wordclass(Nouns,Adjectives,Verbs,andAdverbs) 2. UseofArticles 3. UseofPrepositions(Place,Time,Position) 4. AskingYes/NoQuestions, 5. AskingWhQuestions 6. UsingIndirectQuestionsforPoliteEnglish 7. AskingTagQuestions:foraffirmation 8. AskingNegativeQuestions:forConfirmation.	Lectures Tutorial s GroupDiscussion	20hrs
RecommendedLearning Resources			
Print Resources	1. VijayFNagannawarandS.B.Biradared.NewHorizon,TextbookprescribedforB.A.and BSWProgramme under CBCS, Rani Channamma University, Belagavi, 2021. 2. VijayFNagannawarandS.B.BiradaredEnglishStars,TextbookprescribedforBComand BBAProgramme under CBCS, Rani Channamma University, Belagavi, 2021. 3. Dr.S.B.BiradarandProf.VijayFNagannawared.EnglishGems,TextbookprescribedforB. Sc.and BCAProgramme under CBCS, Rani Channamma University, Belagavi, 2021. 4. QuirkRandolph,SidneyGreenbaum,GeoffreyLeech&JanSvartvik.AComprehensiveGrammar of theEnglish Language General Grammar. Longman. 5. Herring,Peter.CompleteEnglishGrammarRules.CreatespaceIndependentPub,California,2016. 6. JainCharul,PradyumnasinhRaj&YunusKarbharj.EnglishSkillsforAcademicPurposes. MacmillanEducation. London, 2017		
Digital Resources	http://orelt.col.org/module/unit/4-grammar-improving-composition-skillshttps://www.academia.edu/26724441/A_Concise_Grammar_for_English_Language_Teachers.https://www.efluniversity.ac.in/EnglishPro.php https://www.britishcouncil.in/.		

QuestionPaperPattern

I.	10objectivequestions5 fromUnitIand5fromUnitII	10x01=10
II.	01essaytypequestion outof2fromUnitI	01x10=10
III.	01essaytypequestion outof2fromUnitII	01x10=10
IV.	02questionsoutof4:fromUnitIII	02x05=10
V.	04LanguageActivityout of6:fromUnit IV	04x05=20
Total		**60**

CourseCode:126BCA01LANAEC04T

Hindi

Syllabus of B.B.A./B.C.A./B.S.W./C.C.J. Ability Enhancement compulsory Course

AECC

Title of the Subject/Discipline : A1 साहित्यिकविधा : कहानीसंकलन+व्याकरण				
Year	1	Course Code : AECC-1HINDI (B.B.A./B.C.A./B.S.W./C.C.J.)	Credits	3
Sem.	1	Course Title/Discipline : Collection of Short stories+Grammer Text : स्वर्णकहानियाँ (कहानीसंकलन) लोकभारतीप्रकाशन, प्रयागराज-211001	Hours	4
Formative Assessment Marks :40 Summative Assessment Marks :60 Duration of ESA :64 hrs.				
Learning Outcomes	1. कहानीकेपठनपाठनमेंरुचिउत्पन्नहोगी। 2. आधुनिकहिंदीकहानीकेविकासक्रमसेपरिचितहोंगे। 3. भाषायीशुद्धताकेप्रतिरुचिनिर्माणहोगी। 4. 5. भाषाकेप्रयोगमेंसक्षमहोंगे			

Unit No.	Course Content	Suggested Pedagogy	Hours L/P/L
Unit I	स्वर्णकहानियाँ (कहानीसंकलन) कीकहानियाँक्र. 1,2,3	1. कक्षाव्याख्यान 2. संवादएवंबहस 3. सामूहिकचर्चा 4.रचनात्मकअभिव्यक्ति	16
Unit II	स्वर्णकहानियाँ (कहानीसंकलन) कीकहानियाँक्र. 4,5,6		16
Unit III	स्वर्णकहानियाँ (कहानीसंकलन) कीकहानियाँक्र. 7,8,9		16
Unit IV	शब्दभेद- संज्ञा, सर्वनाम, विशेषण		16

Recommended Leaning Resources	
Print Resources	1. स्वर्णकहानियाँ (कहानीसंकलन), लोकभारतीप्रकाशन, प्रयागराज-211001 2. हिंदीव्याकरणरचना :संपादकगो. म. दाभोलकर, डॉ. अशोककामत, गुरुकुलप्रतिष्ठान, पुणे 3. शिक्षार्थीहिंदीव्याकरण :संपादकडॉ. नागाप्पा, राजपालअॅण्डसन्स, दिल्ली
Digital Resources	https://hi.wikipedia.org/wiki/हिन्दी_कहानी https://www.youtube.com/watch?v=5u1nVmLUyhE https://www.youtube.com/watch?v=wkh9gzrYhcI

Ability Enhancement Compulsory
Language Courses Semester - I
BA/BSW/BSc/BCOM./BBA/BCA/CC
J2021-22andonwards

CourseCode:126BCA01LANAEC05T

Title: Sanskrit

Semester	AbilityEnhancementcompulsorycourse(L+T)	Marks	Credits
I	a. IntroductiontoClassicalSanskritPoetry b. SelectedPortionofaSanskritPoeticcomposition- **ValmikiRamayana,BalakandaSarga-I**	45	3
	a. SimpleSanskritSentenceformation b. Swarasandhi c. ComprehensioninSanskrit	15	
	ContinuousEvaluation:Attendance,Assignment,InternalTest,Creative Writing,Conversation inSanskrit	40	
	Total	100	3

SchemeofExamination

1.Essaytypequestions	(1of2)	1x10=10
2.Shortnotes	(2of4)	2x5=10
3.TranslationandexplanationofShlokas	(3of5)	3x4=12
4.Referencetocontext	(2of4)	2x4=08
5.Grammar(ShouldbeansweredinSanskritonly)		
a)SimpleSanskritSentenceformation	(5of8)	5x1=05
b)IdentifyingLinga,Vibhakti&Vachana	(5of8)	5x1=05
6.ComprehensioninSanskrit		5x2=10

Booksforstudy&Reference:

1. ValmikiRamayana:-Vid.RanganathaSharma(¨sÁgÀvÀzÀ±ÀÐ£À¥ÀæPÁ±À£À)
2. ValmikiRamayana:-GeethaPress,Gorakpur.
3. HistoryofClassicalSanskritLiteraturebyM.Krishnamachariar.
4. BhashaShastraMattuSamskrutaSahityaCharitre(kannada)editedby Dr.K.Krishnamurthy,VidwanRanganathaSharmaandvidwanH.K.Siddagangaiah.
5. HistoryofClassicalSanskritLiterature-S.Rangachar
6. SamskrutaSahityaSameekshe(Kannada)Dr.M.ShivakumaraSwamy
7. HigherSanskritGrammar-M.R.Kale.
8. SubhodhaSamskruthaVyakarana–D.N.Shanbhag.

CourseCode:126BCA01LANAEC06T

Syllabus of B.A. Ability Enhancement Compulsory Course (AECC)

Title of the Subject/ Discipline : **MARATHI**				
Year	1	Course Code : **AECC-1, L-2 : MARATHI (B.A.)**	Credits	3
Sem.	I	Course Title : Discipline : **वाङ्मयप्रकार : कथा + व्यावहारिक मराठी** **(Wangmayaprakar : Katha + Vyavaharik Marathi)** **Text-** *'तिची कथा'* - संपा. मंगला आठलेकर, राजहंस प्रकाशन, पुणे *(निवडक कथा - अंतःकरणाचे रत्नदीप (विभावरी शिरूरकर), जानकी देसाईचे प्रश्न (विजया राजाध्यक्ष), एक पाऊल पुढे! (सानिया), आता कुठं जायील टोळभैरू? (गौरी देशपांडे), शल्य (उर्मिला पवार)*	Total Hours	64
Formative Assessment Marks : 40		Summative Assessment Marks : 60	Duration of ESA: 4 Hrs.	

Learning Outcomes	1. To understand the basics of short story, one of the popular literary form. 2. To perceive the literary merit, beauty and creative use of stories writing. 3. To develop the interest in reading literary books 4. To understand the importance and utility of Marathi languages & writing skills 5. To get linguistic competence and communication skills in various capacity 6. To develop skills in preparing materials for media including newspaper, radio and television.

Unit No.	Course Content/ अभ्यासघटक	Suggested Pedagogy अध्यापनशास्त्र	Hours U/P/L
I	मराठी कथा : स्वरूप व वाटचाल	1.Lecture Method 2. Assignment 3. Individual and group presentation 4. Virtual mode 5.PPT Presentation 6.Class Seminar 7.Writing short stories 8.Visit to Print Media & Publicity Centre	12
II	*'तिची कथा'* मधील घटनाप्रसंग आणि व्यक्तिरेखा		13
III	*'तिची कथा'* ची वाङ्मयीन वैशिष्ट्ये		13
IV	मराठी भाषा आणि पत्रव्यवहाराचे स्वरूप		13
V	जाहिरात मसुदालेखन आणि विपणन		13

Recommended Learning Resources

Print Resources	1. मराठी साहित्य : प्रेरणा आणि स्वरूप - डॉ. हातकणंगलेकर/गो. म. पवार, पॉप्युलर प्रकाशन, मुंबई 2. मराठी कथा : मूल्य आणि ऱ्हास - जी. के. ऐनापुरे, ललित पब्लिकेशन, मुंबई 3. कथा : रूप आणि आस्वाद - पंडित टापरे, निहारा प्रकाशन, पुणे 4. उपयोजित मराठी - प्रभाकर जोशी, प्रशांत पब्लिकेशन, जळगाव 5. मराठी भाषिक कौशल्ये विकास - संपा. डॉ. पृथ्वीराज तौर, अथर्व पब्लिकेशन्स, धुळे
Digital Resources	http://vishwakosh.marathi.gov.in http://marathivishwakosh.org http://marathi.pratilipi.com http//:mr.vikaspedia.in http://www.maayboli.com http://esahity.com

Syllabusof B.C.A

AbilityEnhancementCompulsoryCourse(AECC)

Titleofthesubject/discipline: URDU

Year	I	**CourseCode:126BCA01LANAEC07T**	Credit	30
Sem.	I	CorseCode:**126BCA01LANAEC07T** **Urdu**	Total Hours	64
FormativeAssessmentMarks:40	SummativeAssessmentMarks:60	DurationofESA:4Hrs.		
Outcomes:	1. BriefKnowledgeaboutUrduLanguage 2. BriefKnowledgeaboutUrduLiterature 3. DevelopmentofUrduReading&WritingSkills			

Syllabus of B.A. Ability Enhancement Compulsory Course (A

Title of the Subject/ Discipline : **MARATHI**

Year	1	Course Code : **AECC-1, L-2 : MARATHI (B.A.)**	Cred
Sem.	I	Course Title : Discipline : **वाङ्मयप्रकार : कथा + व्यावहारिक मराठी** **(Wangmayaprakar : Katha + Vyavaharik Marathi)** **Text-** *'तिची कथा'* - संपा. मंगला आठलेकर, राजहंस प्रकाशन, पुणे *(निवडक कथा - अंतःकरणाचे रत्नदीप (विभावरी शिरूरकर), जानकी देसाईचे प्रश्न (विजया राजाध्यक्ष), एक पाऊल पुढे! (सानिया), आता कुठं जायील तोलंभट्टा? (गौरी देशपांडे), शल्य (उर्मिला पवार)*	Total Hour

Formative Assessment Marks : 40	Summative Assessment Marks : 60	Duration of ESA:

Learning Outcomes

1. To understand the basics of short story, one of the popular literary
2. To perceive the literary merit, beauty and creative use of stories w
3. To develop the interest in reading literary books
4. To understand the importance and utility of Marathi languages & skills
5. To get linguistic competence and communication skills in various
6. To develop skills in preparing materials for media including newsp radio and television.

Unit No.	Course Content/ अभ्यासघटक	Suggested Pedagogy अध्यापनशास्त्र
I	मराठी कथा : स्वरूप व वाटचाल	1.Lecture Method 2. Assignment 3. Individual and group presentation 4. Virtual mode 5.PPT Presentation 6.Class Seminar 7.Writing short stories 8.Visit to Print Media & Publicity Centre
II	*'तिची कथा'* मधील घटनाप्रसंग आणि व्यक्तिरेखा	
III	*'तिची कथा'* ची वाङ्मयीन वैशिष्ट्ये	
IV	मराठी भाषा आणि पत्रव्यवहाराचे स्वरूप	
V	जाहिरात मसुदालेखन आणि विपणन	

Recommended Learning Resources

Print Resources	1. मराठी साहित्य : प्रेरणा आणि स्वरूप - डॉ. हातकणंगलेकर/गो. म. पवार, पॉप्युलर प्रक मुंबई 2. मराठी कथा : मूल्य आणि ऱ्हास - जी. के. ऐनापुरे, ललित पब्लिकेशन, मुंबई 3. कथा : रूप आणि आस्वाद - पंडित तापरे, निहारा प्रकाशन, पुणे 4. उपयोजित मराठी - प्रभाकर जोशी, प्रशांत पब्लिकेशन, जळगाव 5. मराठी भाषिक कौशल्ये विकास - संपा. डॉ. पृथ्वीराज तौर, अथर्व पब्लिकेशन्स, धुळे
Digital Resources	http://vishwakosh.marathi.gov.in http://marathivishwakosh.org http://marathi.pratilipi.com http//:mr.vikaspedia.in http://www.maayboli.com http://esahity.com

UnitNo.	CourseContent	Suggested Pedagogy	HoursL/P/L
UnitI	Waqt(Akhlakiyat)Main nayaisakyonkiya MaulanaMuhammadAli JoharDirectorkaKutta UrduZuban	i) Lecturemethod, ii) Assignments, iii) IndividualandGroupPresentations andactivities iv) VirtualMode v) Power PointPresentation	21
UnitII	AsarUskoZaraNahihuta HurJamalaunkoYadAatiHaiSamneyUn kyTadap		21
UnitIII	Masjid QurtabaBanjara namaSarayeFani ODeshseaneywalebata		21
UnitIV	Hontaunkebhiunke AbkeBichade MainGautamNahihun		21
UnitV	JadeedIlam-E-Science (Firsttwolessonsonly) (Page No.5 to75)		21
RecommendedLearningResources			
PrintResources	1. Anwar-e-Adab, (Vol1 Part–1), Dr.SyedAleemullaHusaini,Dr.AbdurrahimA.Mulla 2. JadeedIlam-e-Science ByWazaratHussain,EducationalBookHouse,Aligarh		
DigitalResources	1. http://www.urdubazar.com 2. http://www.rekhta.org 3. http://kitabghar.com		

SyllabusofB.B.A./B.C.A/B.S.W.CCJEtc.

AbilityEnhancementCompulsoryCourse(AECC)

Year	I	**Title of the subject/Discipline: ARABIC**	Credit	30
Sem.	I	CorseCode:**126BCA01LANAEC08T(B.B.A./B.C.A/B.S.W)** CorseTitle:Discipline:**القصيرةالقصة(AlQissaAlQaseera)** :Text:وَ كنء،باي عجانوذ الدبفذحاَ	Total Hours	64

FormativeAssessmentMarks:40	SummativeAssessmentMarks:60	DurationofESA:4Hrs

LearningOutcomes	1. BriefKnowledgeaboutArabicLanguage 2. BriefKnowledgeaboutArabicLiterature 3. DevelopmentofArabicReading&WritingSkills 4. CommunicationinArabicLanguage 5. DevelopmentofTranslationSkills

UnitNo.	**CourseContent**	**Suggested Pedagogy**	**Hours U/P/L**
UnitI	هش،لبباألعذ،هذ خانف شا ،أوصبفان بطوأدر انهى،انطجع غهثاألدة،ايشأح خبدعخ	i) Lecturemethod, ii) Assignments, iii) IndividualandGroupPresentations andactivities iv) VirtualMode v) Power PointPresentation	12
UnitII	عسحانم بيخ،عسحانضذى		30
UnitIII	أنطبئش،انكزبت،أ شسدحانع ذ،انعهى،أ شسدحانصجبح		30
UnitIV	انعصشانجبهه)انفصماألولوانضب)		30
UnitV	ض بئش،ان جزذأوانخجش،اعباإلشبسح،انزعش فوانزك ش		30

RecommendedLearningResources	
PrintResources	1- فذحاألدبنسدذانسيا ك را بي 2-انقرآانكرى 3-يخراراخاألدبنسذا تذرا 4-ذار خاألدبانعرت نألضرارأد ذدط انس اخ 5-ان ذاناضخ)انجسءاألول(نعانجارووبصطفأي
DigitalResources	1. http://www.almaany.com 2. http://naseemalsham.com 3. http://m.marefa.org

BCAIINDSEMESTER

SYLLABUS

Semester II

Year	I	**CourseCode:**126BCA02XXXDSC05T	**Credits**	03
Sem.	II	**CourseTitle:**DataStructuresusingC	**Hours**	40
CoursePre-requisites,if any		KnowledgeofProgramming		
Formative Assessment Marks:40		SummativeAssessmentMarks:60	Duration of ESA: 02 hrs.	
Course Outcoms		Attheendofthecoursethestudentshouldbeableto: 1. Understandtheclassificationofdatastructuresanddynamicmemoryallocation 2. Understandthedifferencebetweeniterationandrecursionandapplyrecursivedefinitionforproblemsolving 3. Understandandevaluatetheapplicationsofstacksandqueues 4. Understandandevaluatetheapplicationsoflinkedlistsandtree		
UnitNo.		**CourseContent**		**Hours**
UnitI		**Introduction to data structures:** Definition;Typesof data structures - Primitive & Non - primitive, Linear and Non - linear; Operationson data structures. Dynamic memory all ocation: Static & Dynamic memory all ocation; Memory all ocation and de – allocation functions-malloc, call oc, reallocand free. **PointersinC:** Understanding pointers-Declaring and initializing pointers, accessing address and value of variables using pointers; Pointers and Arrays; Pointer Arithmetic; Advantages and Disadvantagesofusingpointers;		08
UnitII		**Recursion:** Definition; Types of recursions; RecursionTechnique Examples - GCD, Binomial coefficient nCr, Towers of Hanoi; Comparison betweeniterativeandrecursivefunctions.**Sortingand Searching:** Arrays asabstract data types, Representation of linear arrays inmemory,Traversinglineararrays;Insertinganddeleting elements; Sorting – Selection sort, Bubblesort, Quicksort, Selectionsort, Insertionsort; Searching-Sequential Search,Binarysearch;Iterative AndRecursivesearching		10

UnitIII	**Stacks:** BasicConcepts–DefinitionandRepresentation of stacks; Operations on stacks – Push, Pop; Applications of stacks; Infix, postfix and prefixnotations; Conversion from infixtopostfixusingstack; Evaluation of postfixexpressionusingstack; Application of stack in function calls. **Queues:** Basic Concepts– Definition and Representation of queues; Types of queues,- Simplequeues,Circular queues, Doubleended queues, Priority queues; Operations on Simple queues;	10
UnitIV	**Linkedlist:** Basic Concepts–Definition and Representation of linked list, Types of linked lists - Singly linked list, Doubly linked list, Circular linked listDoubly Circular Linked list; Representation of Linkedlistin Memory; Operationson Singlylinkedlists– Traversing, Searching, Insertion, Deletion; **Trees:** Definition;Treeterminologies–node, rootnode, parent node, ancestors of a node, siblings, terminal &non-terminal nodes, degree of a node, level, edge, path,depth; **Binary tree:** Type of binary trees - strict binary tree, completebinarytree,binarysearchtreeandheaptree; Arrayrepresentationofbinarytree. Traversalofbinarytree;preorder,inorderandpostorder traversal.	12
RecommendedLearningResources		
PrintResources	1. Ellis Horowitz and SartajSahni: Fundamentals of DataStructures 2. Tanenbaum:DatastructuresusingC(PearsonEducation) 3. Kamathane: Introduction to Data structures (PearsonEducation) 4. Y.Kanitkar:DataStructuresUsingC(BPB) 5. Kottur:DataStructureUsingC 6. PadmaReddy:DataStructureUsingC	

Year	I	**CourseCode:**126BCA02XXXDSC05L **CourseTitle:**Lab:DataStructures	**Credits**	02
Sem.	II		**Hours**	40
Course Pre-requisites,ifany:		KnowledgeofProgramming		
FormativeAssessment Marks:25		SummativeAssessmentMarks:25	DurationofESA:02hrs.	
		PartA: 1. ProgramtofindGCDusingrecursivefunction 2. Programtogeneratebinomialcoefficientusingrecursive function. 3. Program to generate n Fibonacci numbers usingrecursivefunction. 4. ProgramtoimplementTowersofHanoiusingrecursion. 5. Programtoimplementdynamicarray,findsmallestand large stelement of the array. 6. Programtoreadthenamesofcitiesandarrangethemalphabe tically. 7. Programtosortthegivenlistusingselectionsor ttechnique. 8. Programtosortthegivenlistusingbubblesorttechnique. 9. Programtosortthegivenlistusinginsertionsor ttechnique.		
		PartB: 1. Programtosortthegivenlistusingquicksorttechnique. 2. Programtosortthegivenlistusingmergesorttechnique. 3. Programtosearchanelementusinglinearsearchtechnique. 4. Programtosearchanelementusingbinarysearchtechnique. 5. ProgramtoimplementStack. 6. Programtoconvertaninfixexpressiontopostfix. 7. Programtoimplementsimplequeue. 8. Programtoimplementlinearlinkedlist. 9. Programtodisplayin-ordertraversalofabinarytree.		

Year	I	**CourseCode**126BCA02XXXDSC06T	**Credits**	03
Sem.	II	**CourseTitle:**Object Oriented Programming with JAVA	**Hours**	40
CoursePre-requisites,ifany		Knowledge of Programming		
FormativeAssessment Marks:30		SummativeAssessmentMarks:70	Duration\ofESA: 03hrs.	
CourseOutcomes		Attheendofthecoursethestudentshouldbeableto: 1. UnderstandthefeaturesofJavaandthearchitectureofJVM 2. Write, compile, and execute Java programs that may includebasicdatatypesandcontrolflowconstructsandhowtypecastingisdone 3. Identify classes, objects, members of a class and relationships amongthemneededforaspecificproblemanddemonstratethe concepts of polymorphismandinheritance 4. The students will be able to demonstrate programs based oninterfacesandthreadsandexplainthebenefitsofJAVA‟sExceptionalhandlingmechanismcomparedtootherProgrammingLanguage 5. Write, compile, execute Java programs that include GUIs andeventdrivenprogrammingandalsoprogramsbased onfiles		
UnitNo.		**CourseContent**		**Hours**
UnitI		**Introduction to Java:** OOPs concepts, Basics of Java programming, Data types, Variables, Operators, Control structures including selection,Looping,Arrays in java. **Objects and Classes:** Basics of objects and classes in java, Methods and objects, Instance of operator,Visibility modifiers, Method Overloading , Constructors, Static Members, Inbuilt classes like String, Character, String Buffer,this reference.		12
UnitII		**Inheritance and Polymorphism:** Inheritance in java, Superandsubclass,Typesofinheritance,Overriding, Polymorphism, Dynamic binding, Abstract class, Interface in java, Packages in java-defining and importing user defined packages.		08
UnitIII		**Event and GUI programming:** Event handling in java, Event types,Mouse and key events,GUI Basics, Panels, Frames, Layout Managers: Flow Layout,		10

	Border Layout,Grid Layout,GUI components like Buttons, Check Boxes, Radio Buttons, Labels, TextFields, Text Areas, Combo Boxes, Lists, Windows, Menus.	
UnitIV	**Multithreading in java:** Thread life cycle and methods, Runnable interface, Thread priorities, Exception handling mechanism with try catch-finally, Introduction to JavaBeans. **I/O programming:** Java Input Output: Java IO package, File, Byte/ Character Stream, Filereader/writer	10
RecommendedLearningResources		
Print Resources	**ReferenceBooks:** 1. Java,ByEBalagurusamy–APrimer,FourthEdition,TataMcGraw Hill Education Private Limited. 2. CoreJavaVolumeI–Fundamentals,ByCayS.Horstmann, Prentice Hall 3. ObjectOrientedProgrammingwithJava:Somashekara,M.T., Guru,D.S.,Manjunatha,K.S 4. Java2-TheCompleteReference–McGrawHill publication. 5. Java-TheCompleteReference,7th Edition,ByHerbertSchildt– McGraw Hill publication.	

<table>
<tr><td>Year</td><td>I</td><td rowspan="2">CourseCode:126BCA02XXXDSC06L
CourseTitle:Lab:JAVA</td><td>Credits</td><td>02</td></tr>
<tr><td>Sem.</td><td>II</td><td>Hours</td><td>40</td></tr>
<tr><td colspan="2">CoursePre-requisites, ifany:</td><td colspan="3">KnowledgeofProgramming</td></tr>
<tr><td colspan="2">Formative Assessment Marks:25</td><td>SummativeAssessmentMarks:25</td><td colspan="2">DurationofESA:02hrs.</td></tr>
<tr><td colspan="2"></td><td colspan="3"><u>PracticeLabs</u>
1. Programtoprintthefollowingtriangleofnumbers 1
12
123
1234
12345
2. Programtosimplejavaapplication,toprintthemessage, “Welcome to java”
3. Programtodisplaythemonthofayear.Monthsoftheyear should be held in an array.
4. Programtofindtheareaofrectangle.
5. Programtodemonstrateadivisionbyzeroexception
6. ProgramtocreateauserdefinedexceptionsayPayOutof Bounds .</td></tr>
<tr><td colspan="2"></td><td colspan="3"><u>PartA</u>:ProgrammingLab–JavaFundamentals–OOPSin JAVA
1. Program to assign two integer values to X and Y.Using the ”if‟ statement the output of the program should display a message whether X is greater than Y.
2. Programtolistthefactorialofthenumbers1to10.Tocalculate thefactorialvalue,usewhileloop.(Hint:Factof4 =4*3*2*1)
3. Program to find the area and circumference of the circle by accepting the radius from the user.
4. Programtoaddtwointegersandtwofloatnumbers.Whenno arguments are supplied, give a default value to calculate the sum.Use function overloading.
5. Program to perform mathematical operations. Create a class called AddSub with methods to add and subtract.Create another class called MulDiv that extends from AddSub class</td></tr>
</table>

	tousethememberdataofthesuperclass.MulDivshouldhave methodstomultiplyanddivideAmainfunctionshouldaccess the methods and perform the mathematicaloperations. 6. Programwithclassvariablethatisavailableforallinstancesof aclass.Usestaticvariabledeclaration.Observethechangesthat occuring the object‟s member variable values. 7. Program to create a student class with following attributes; Enrollment No: Name, Mark of sub1, Mark of sub2, mark of sub3,TotalMarks.Totalofthethreemarksmustbecalculated only when the student passes in all three subjects.The passingmark foreach subject is 50. Ifa candidatefailsin any one of the subjects his total mark must be declared as zero. Using this condition write a constructor for this class. Write separate functions for accepting and displaying student details. In the main method create an array of three student objects and display the details. 8. Writeaprogramtodemonstratemultipleinheritanceanduse of Implementing Interfaces 9. Illustratecreationofthreadby a) Extending Thread class. b) Implementing RunnableInterfaces 10. Createapackage"BCA‟inyourcurrentworkingdirectory. a. Create a class student in the above package with the following attributes: Name, age, gender. Include appropriate constructor and a method for displaying the details. b. Importabovepackageandaccessthemembervariablesand function contained in a package.
	PARTB:ExceptionHandling&GUIProgramming 1. ProgramtocatchNegativeArraySizeException.Thisexception is caused when the array size is initialized to negative values. 2. Program to demonstrate exceptionhandlingwith try,catch and finally. 3. Programwhichcreateanddisplaysamessageonthewindow 4. Programtodrawseveralshapesinthecreatedwindow 5. Programtocreatea4×4gridandfillsitinwith15buttons,each 1. Labeledwithitsindex.

	6. Program which creates a frame with two buttons father and mother. When we click the father button the name of the father, his age and designation must appear. When we click mother button similar details of mother also appear. 7. Create a frame which displays your personal details with respect to a button click 8. Program to create a window with Text Fields and Buttons. The"ADD" button adds the two integers and display the result.The"CLEAR"button shall clear all the text fields. 9. Program to create a window, when we press M or m, the window displays “goodmorning”, A or a,the window displays “GoodAfternoon”,Eore,the window displays “goodmorning”,Norn,the window displays “goodmorning” 10. Demonstrate the various mouse handling events using suitable example. 11. Programtocreatemenubarandpull-downmenus.

Note:Studenthastoexecuteaminimumof10programsineachparttocompletethe Lab course

EvaluationSchemeforDataStructuresandJavaLabExamination

AssessmentCriteria		Marks
Program–1fromPart A	WritingtheProgram	03
	ExecutionandFormatting	07
Program-2fromPart B	WritingtheProgram	03
	ExecutionandFormatting	07
VivaVoice		05
Total		**25**

Year	I	**CourseCode:**126BCA02XXXDSC07T	**Credits**	04
Sem.	II	**CourseTitle:**DiscreteMathematics	**Hours**	40
CoursePre-requisites,if any		NA		
Formative Assessment Marks:40		SummativeAssessmentMarks:60	Duration ofESA:02hrs.	
CourseOutcomes		1. Attheendofthecoursethestudentshouldbeableto: 2. Tounderstandthebasicconceptsof Mathematicalreasoning,set and functions. 3. Tounderstandvariouscountingtechniquesandprincipleof inclusion and exclusions. 4. Understandtheconceptsofvarioustypesofrelations,partialor deringand 5. Equivalencerelations. 6. Applytheconceptsofgeneratingfunctionstosolvethe recurrencerelations. 7. Familiarizethefundamentalconceptsofgraphtheoryand shortest path algorithm		

UnitNo.	CourseContent	Hours
UnitI	**TheFoundations:**Logicandproofs:PropositionalLogic, Applications of Propositional Logic, Propositional Equivalences,Predicates and Quantifiers,Nested Quantifiers, Rules of Inference, Introduction to Proofs,ProofMethodsandStrategy.**BasicStructures:** Sets, Functions, Sequences,Sums, and Matrices: Sets ,set operations ,Functions ,Sequences and Summations , matrices.	10
UnitII	**Counting:** Basics of counting, Pigeon hole principle, Permutation and combination, Binomial Coefficient and Combination, Generating Permutation andCombination. **Advanced Counting Techniques:** Applications of Recurrence Relations, Solving Linear Recurrence, Relations, Divide and Conquer Algorithms and Recurrence Relations, Generating functions, Inclusion-Exclusion, Applications of Inclusion - exclusion.	10
UnitIII	**InductionandRecursion:**MathematicalInduction, Strong Induction and Well- Ordering, Recursive Definitions and Structural Induction, Recursive	12

	Algorithms,ProgramCorrections. **Relation:**Propertiesofrelation,Compositionofrelation, Closer operation on relation, Equivalencerelation and partition.Operationonrelation, Representingrelation.	
UnitIV	**Graphs**: Graphs and Graph models, Graph Terminologyand Special Types of Graphs, Representing Graphsand Graph Isomorphism, Connectivity, Euler and Hamilton Paths, Shortest-Path Problems, Planar Graphs, Graph Coloring..	08
RecommendedLearningResources		
PrintResources	**ReferenceBooks:** 1. DiscreteMathematicsandItsApplications,KennethH.Rosen: Seventh Edition, 2012. 2. DiscreteMathematicalStructure,BernardKolman,RobertC, Busby, Sharon Ross, 2003. 3. GraphTheorywithApplicationstoEnggandComp.Sci: Narsingh Deo-PHI1986. 4. DiscreteandCombinatorialMathematicsRalphP.Grimaldi, B.V.Ramatta,Pearson, Education,5Edition. 5. DiscreteMathematicalStructures,TrembleyandManobar.	

Theory:

AssessmentCriteria	**40marks**
1st Internal Assessment Test for30 marks 1 hr after 8 weeks and 2ndInternalAssessmentTestfor30marks1hrafter15weeks.Average of two tests should be considered.	30
Assignment	10
Total	**40**

QuestionPaperPattern:

BachelorofComputerApplications

Sub: Code: MaximumMarks:60

a. Answer any Six Questions from Question1 b.Answerany Three each Questions from Question 2,3,4and5

Q.No.1.	**AnsweranySixQuestions(AtlestTwoquestionfrom Each Unit)** **a.** **b.** **c.** **d,** **e.** **f.** **g.** **h.**	**2X6=12**
Q.No.2.	**(ShouldcoverEntireUnit-I) a.** **b.** **c.** **d.**	**4X3=12**
Q.No.3.	**(ShouldcoverEntireUnit-II) a.** **b.** **c.** **d.**	**4X3=12**
Q.No.4.	**(ShouldcoverEntireUnit-III) a.** **b.** **c.** **d.**	**4X3=12**
Q.No.5.	**(ShouldcoverEntireUnit-IV)** **a.** **b.** **c.** **d.**	**4X3=12**

BCA II nd SEMESTEROEC

NOTE:StudentsfromOtherDepartments/SubjectsmaychooseoneOEcoursefrom BCA department

Year	I	**CourseCode:**126BCA02XXXOEC02T **CourseTitle:WebDesigning**	**Credits**	03
Sem.	II		**Hours**	30
CoursePre-requisites, ifany		NA		
FormativeAssessment Marks:40		SummativeAssessmentMarks:60	DurationofESA:..02hrs.	
CourseOutcomes		Attheendofthecoursethestudentshouldbeableto: 1. UnderstandtheHistoryofInternetandwebDesigningtools 2. UnderstandMarkupLanguagesandstylesheet 3. ImplementScripting 4. Appreciatewebsitecreation		
UnitNo.		**CourseContent**	**Hours**	
UnitI		Histroy of Internet, The World Wide Web, Web Browser,Web Server, URL, Working of Web, Web Page, TypesofWebPages,WebContent,Websites,HomePages,BuildingWebsite,Websitebuildingtools;Web graphicsdesign,basictipsforgraphicsdesign,toweb programming: what is web programming?, web Programming languages.	10	
UnitII		Introduction to XHTML-Basic Syntax, Standard structure, Basic text markup, Images, Hypertext, Links, Lists, Tables, Forms-<form>, <input>, <label>, <select>, <textarea> tags and action buttons (submit and reset).CSS-Introduction, Levels of style sheets,Select or forms, Property value forms, Font properties, List properties, Color, Alignment of text,The box model,Background images, The and tags.	10	
UnitIII		Java Script: Object orientation and Java Script; General syntactic characteristics; Primitives, operations, and expressions; Screen out put and key board input; Control statements; Object creation and modification; Arrays; Functions; Constructor; Pattern matching using regular expressions;Error sin scripts;Examples.	10	
UnitIV		Introductionto XML, Syntax of XML , XMLdocument structure,DisplayingrawXMLdocuments,Displaying XML documents with CSS ,XSL T Style sheets and Displaying XML documents with XSLT.	10	

	WebDesign:Conceptsofeffectivewebdesign,Web design issues including Browser, Bandwidth and Cache,Displayresolution,LookandFeeloftheWebsite, Page Lay outand linking,User centric design,Sitemap, Planningandpublishingwebsite,Designingeffective navigation	
RecommendedLeaningResources		
Print Resources	**ReferenceBooks:** 1. RobertW.Sebestra,"ProgrammingtheWorldWideWeb",7th Edition /4th edition Addison Wesley Publication,2013. 2. DevelopingWebApplications,RalphMoseleyandM.T.Savaliya ,Wiley-India 3. WebTechnologies,BlackBook,dreamtechPress 4. HTML5,BlackBook,dreamtechPress 5. WebDesign,JoelSklar,CengageLearning 6. DevelopingWebApplicationsinPHPandAJAX,Harwani, McGraw Hill 7. InternetandWorldWideWebHowtoprogram,P.J.Deitel&H. M.Deitel,Pearson	

ASSESSMENTMETHODS

EvaluationSchemeforInternal Assessment:

Practical

AssessmentCriteria	**25marks**
1st InternalAssessmentTestfor20marks1/2hrafter8weeksand 2nd Internal Assessment Test for 20marks1/2hr after15weeks. Averageoftwotestsshouldbeconsidered.	20
Assignment	05
Total	**25**

AssessmentCriteria	**25marks**
SemesterEndInternalAssessmentTestfor20marks2hrs	20
Journal(PracticalRecord)	05
Total	**25**

CommonSyllabusforallUG Programmes

COURSECODE-126COM01XXXAEC01T

EnvironmentStudies(AECC)	
CourseeCredits 02	TotalContactHours 30
InternalAssessmentMarks:15	SemesterEndExaminationMarks:35

CommonSyllabusforall UGProgrammes

ENVIRONMENTALSTUDIES

ABILITY ENHANCEMENT COMPULSORY COURSE(AECC)

NumberofTheory Credits	Number of lecture hours+field work
2	**45**

ContentofENVIRONMENTALSTUDIES–AECC		45 Hours
Unit1	**Introduction to Environmental Studies:** Multidisciplinarynatureofenvironmentalstudies.Scopeandimportance; Concept of sustainability and sustainable development. **Ecosystems:** What is an ecosystem? Structure and functionof ecosystem; Energy flowin an ecosystem: foodchains, foodwebs and ecological succession. Case studies of the followingecosystems: a) Forestecosystem b) Grasslandecosystem **c)** Desertecosystem Aquaticecosystems(ponds,streams,lakes,rivers,oceans,estuaries) **NaturalResources:RenewableandNon-RenewableResources** Land resources and land-use change; Land degradation, soilerosionanddesertification. Deforestation: Causes and impacts due to mining, dambuilding on environment, forests, biodiversityandtribal populations. Water:Use and over-exploitationofsurfaceandgroundwater, floods, droughts, conflicts over water (International &Inter-state). Energyresources:Renewableandnon-renewableenergysources, use of alternate energy sources, growing energy needs, case studies.	**15**
Unit2	**BiodiversityandConservation:** Levels of biological diversity: Genetic,speciesandecosystemdiversity;Biogeographiczonesof India; Biodiversitypatternsandglobalbiodiversityhotspots. Indiaasamega-biodiversitynation;Endangeredandendemicspeciesof India. Threatstobiodiversity:Habitatloss,poachingofwildlife,man-wildlifeconflicts,biologicalinvasions;Conservationof	**12**

	biodiversity: In-situ and Ex-situ conservation of biodiversity.Ecosystem and biodiversity services: Ecological, economic,social,ethical,aestheticandInformationalvalue. **EnvironmentalPollution:**Types, causes, effects and controls; Air,water,soilandnoisepollution. Nuclearhazardsandhumanhealthrisks. Solidwastemanagement,Control measuresofurbanandindustrialwaste. Pollutioncasestudies.	
Unit3	**EnvironmentalPoliciesandPractices:** Climate change, global warming, ozone layer depletion, acid rain and impactsonhumancommunitiesandagriculture. EnvironmentLaws:EnvironmentProtectionAct;Air(Prevention&Control of Pollution) Act; Water (PreventionandControlofPollution) Act; Wildlife(Protection) Act; ForestConservationAct.Internationalagreements:MontrealandKyotoprotocolsandConventiononBiologicalDiversity(CBD). Naturereserves,tribalpopulationsandrights,andhumanwild lifeconflicts in Indian context. **HumanCommunitiesandtheEnvironment** Humanpopulationgrowth:Impactsonenvironment,human health and welfare. Resettlementandrehabilitationofprojectaffectedpersons;case studies. Disastermanagement:Floods,Earthquake,Cyclonesand Landslides. Environmentalmovements:Chipko,Silentvalley,Bishnoisof Rajasthan. Environmentalethics:RoleofIndianandotherreligionsand cultures inenvironmental conservation. Environmentalcommunicationandpublicawareness,case studies (e.g., CNGvehicles in Delhi). Fieldwork(5hours)	**18**

Reference

Bharucha, E. (2015). *Textbook of Environmental*

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Gadgil,M.,&Guha,R.(1993).*ThisFissuredLand:AnEcologicalHistoryofIndia*. Univ.ofCaliforniaPress.

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Groom,MarthaJ.,GaryK.Meffe,andCarlRonaldCarroll.(2006).*PrinciplesofConservationBiology* .Sunderland:SinauerAssociates.

Nandini,N.,SunithaN.,&SucharitaTandon.(2019).*Atextbookon EnvironmentalStudies(AECC)*.SapnaBookHouse,Bengaluru.

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Pepper,I.L,Gerba,C.P.&Brusseau,M.L.(2011).Env*ironmentalandPollutionScience*.Academic Press.

RajitSenguptaandKiranPandey.(2021).*StateofIndia'sEnvironment2021:InFigures*.Centre Science andEnvironment.

Singh,J.S.,Singh,S.P.andGupta,S.R.(2014).*Ecology,EnvironmentalScience andConservation*.S.ChandPublishing,New Delhi.

Sodhi,N.S.,Gibson,L.&Raven,P.H.(Eds).(2013).Conser*vationBiology:Voicesfromthe Tropics*.JohnWiley&Sons.

Wilson,E.O.(2006).*TheCreation:AnappealtosavelifeonEarth*.NewYork:Norton.

WorldCommissiononEnvironmentandDevelopment.(1987).*OurCommonFuture*.Oxford UniversityPress.

COURSECODE-126COM02XXXVBC03B

Semester-II
SkillEnhancementCourses(SEC-I1)
TitleoftheCourse:
PHYSICALEDUCATION&SPORTS
(BA/BSc/BCom/BBA/BCA&allotherUGCourses)

CourseCode	Practical	Credits	No. OfTeaching Hours/Week	TotalNo. OfTeachingHours	Durationof Examinhrs	InternalAssessment Marks	SemesterEndExamMarks	Total Marks
PEP-SEC2-1	Physical EducationandSports	**1**	**2**	**28**	**-**	**25**	**-**	**25**
Total		**1**	**2**	**28**	**-**	**25**	**-**	**25**

ContentofPracticalCourse	**`28Hrs**
Unit1:-PhysicalEducation&Sports ● Conditioningexercises ● Aerobics&Calisthenics ● OneMajorGameandOneIndigenousGame(BasicSkills) ● OneTrack/FieldEvent ● IntramuralCompetitions	**28**

FormativeAssessment	
Assessmenttype	**WeightageinMarks**
Practicals	Internal AssessmentMarks-25
Total	25Marks

Pedagogy: The course shall be taught through Lecture, Practicals, Interactive,Sessions,Materials,Assignments,Seminars,Intramural&Extramural

.

References:

1. Muller,J.P.(2000).Health,ExerciseandFitness.Delhi:Sports.
2. IAAFManual
3. Vanaik.A(2005)PlayFieldManual,FriendsPublicationNewDelhi
4. M.J Vishwanath, (2002) Track and Field Marking and AthleticsOfficiati
5. SteveOldenburg(2015)CompleteConditioningfor Volleyball, HumanKinestics.

Note:SkillsofSportsandGames(GameSpecificbooks)maybereferred

BCALANGUAGE–I&IISUBJECTS

COURSECODE-126BCA02LANAEC09T

KANNADA

Note:

ToBeApploadedShortly

FUNCTIONALKANNADA

COURSECODE:126BBA02LANAEC10T

ಎಲ್ಲಾ ಸ್ನಾತಕ ಪದವಿಗಳಿಗೆ ಕನ್ನಡೇತರರಿಗೆ ಕನ್ನಡ ವಿಷಯ

(Ability Enhancement Compulsory Course)

Language-1

(ವಾರಕ್ಕೆ 4ಗಂಟೆಗಳ ಪಾಠ. 3 ಕ್ರೆಡಿಟ್‌ಗಳ ಪತ್ರಿಕೆ. ಒಟ್ಟು ಅಂಕಗಳು–100. ಥಿಯರಿ ಪರೀಕ್ಷೆಗೆ–60 ಅಂಕಗಳು. ಆಂತರಿಕ ಗುಣಾಂಕಗಳಿಗೆ–40 ಅಂಕಗಳು. ಸೆಮಿಸ್ಟರ್ ಅಂತ್ಯಕ್ಕೆ 2 ಗಂಟೆಗಳ ಪರೀಕ್ಷೆ. ಆಂತರಿಕ ಗುಣಾಂಕಗಳ ಕುರಿತು ನೀಡಿದ ನಿರಂತರ ಮೌಲ್ಯಮಾಪನ ಪದ್ಧತಿಯನ್ನು ಮೇಲೆ ತಿಳಿಸಿರುವಂತೆ ನಡೆಸುವುದು.)

ಎರಡನೆಯ ಸೆಮಿಸ್ಟರ್

ಭಾಗ–1

1. ವಾಕ್ಯಗಳು
2. ವಾಕ್ಯ ಪ್ರಕಾರಗಳು
3. ಎರಡು ಸರಳ ಕಥೆಗಳು
4. ಎರಡು ಸರಳ ಕವಿತೆಗಳು
5. ಎರಡು ಚಲನ ಚಿತ್ರ ಗೀತೆಗಳು
6. ಪತ್ರಿಕಾ ಭಂಷಣಯಂ ಎರಡು ಮಾದರಿಗಳು
7. ಸಂಭಂಷಂಣಯಂ ಮೂರು ವಿಧಾನಗಳು
8. ಗಾದೆಯ ಮಾತುಗಳು
9. ಕನ್ನಡದ ಪ್ರಾದೇಶಿಕ ಭಂಷಣಗಂಳು

ಭಾಗ–2

1. ಕನ್ನಡ ಭಾಷೆ
2. ಸಂಸ್ಕೃತಿ
3. ಸಾಹಿತ್ಯ
4. ಜನಪದ ಸಾಹಿತ್ಯ
5. ಜ್ಞಾನಪೀಠ ಪುರಸ್ಕೃತ ಕನ್ನಡ ಸಾಹಿತಿಗಳು
6. ಕರ್ನಾಟಕದ ವಿಶ್ವಪರಂಪರೆಯ ತಾಣಗಳು
7. ಕರ್ನಾಟಕದ ಅದ್ಭುತಗಳು
8. ಕರ್ನಾಟಕದ ನದಿಗಳು
9. ಕರ್ನಾಟಕದ ಮಹಾನಗರಗಳು

ಸೂಚನೆ : ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಸ್ತ್ರೀಯ ಕನ್ನಡ ಭಾಷಾ ಅಧ್ಯಯನ ಸಂಸ್ಥೆಯ ಅಭ್ಯಾಸ ಮಂಡಳಿಯು ಡಾ. ವಿ. ಎಸ್. ಮಾಳಿ ಹಾಗೂ ಡಾ. ಬಿ. ಎಂ. ಪಾಟೀಲ ಅವರು ಸಿದ್ಧಪಡಿಸಿರುವ E-bookನ್ನು ಇದರೊಟ್ಟಿಗೆ ಲಗತ್ತಿಸಿದೆ. ಅಧ್ಯಾಪಕರುಗಳು E-bookನ್ನು ಅಥವಾ ಸ್ವತಂತ್ರ ಅಧ್ಯಯನ ಸಾಮಗ್ರಿಗಳನ್ನು ಬಳಸಿಕೊಂಡು ಪಠ್ಯಬೋಧನೆಯನ್ನು ಮಾಡಲು ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಡಲಾಗಿದೆ.

ENGLISH

Bachelor of Science (Basic/Hons) Programme/ Bachelor of Home Science Programme/ Degree in Fashion and Apparel Design/InteriorDesignandDecoration/BachelorofScienceinClinicalNutrition(Basic/Hons.)withClinicalNutrition/ Bachelor of Computer Applications (Basic/Hons.) with Computer Applications .
(BothSubjectswithpractical/Onesubjectwithoutpracticalandonesubjectwithpractical)

Year	2021	**COURSECODE:126BBA02LANAEC11T**	**Credits**	3
Sem.	II	**CourseTitle:GenericEnglish–II**	**Hours**	4
CoursePre-requisites,ifany		NA		
FormativeAssessmentMarks:40		SummativeAssessmentMarks: 60		
Course Outcomes		Attheendofthecoursethestudent shouldbeableto: 1. AcquiretheLSRW(Listening,Speaking,Reading,andWriting)skills. 2. Learntoappreciateliterarytexts. 3. Obtaintheknowledgeofliterarydevicesand genres. 4. Acquiretheskillsofcreativitytoexpressone'sexperiences. 5. Knowhowtousedigitallearningtools. 6. Beawareoftheirsocialresponsibilities. 7. Developcriticalthinkingskills. 8. Developgendersensitivity 9. Increasereadingspeed,analyticalskillsanddeveloppresentationskills. 10. Becomeemployablewithrequisiteprofessionalskills,ethicsandvalues		
UnitNo.		**Course Content**	**Suggested Pedagogy**	**60 Hours**
UnitI		1Zero BudgetNaturalFarmingbyShibu 2. MilkaSingh:TheFlyingSikh–SoniaSanwalka 3. OnSayingPlease-A. G. Gardinar	Lectures Tutorials GroupDiscussion	15hrs

UnitII	1. APrayerforMyDaughter–W.B.Yeats 2. StillIRise-MayaAngelou 3. HowdidyouDie?-EdmundVanceCooke	Lectures Tutorial s GroupDiscussion	9hrs
UnitIII	1. ReadingpassagetogiveaTitle 2. ReadingforVocabularybuilding–synonyms,homonyms, homophones,suffixes,prefixes,collocations,oftenconfused words.	Lectures Tutorial s GroupDiscussion	16hrs

	3. ReadingpassagesonSpecificfieldsforVocabularybuilding. 4. Barriersforeffectivelistening1hrChapter 5. TypesofListening 6. Techniquestoimprovelisteningskills. 7. ListeningActivities-listeningtopre-recordedaudios&movies	RolePlay	
UnitIV	1. ReportedSpeech 2. Dialoguewriting 3. VerbalCommunicationandNon-verbalcommunication 4. Summarizing 5. SpeechWriting 6. EssayWriting 7. TranslationKannadaintoEnglishandEnglishintoKannada 8. Short Paragraphs based on themes with a message on nation, freedom fighters, and achievers. 15 short paragraphs with 5 – 6 sentences as model paragraphs. (a) Paragraph Translations from KannadatoEnglish(b)ParagraphTranslationsfromEnglishtoKannada	Lectures Tutorial s GroupDiscussion	20hrs
RecommendedLearning Resources			

Print Resources	1. VijayFNagannawarandS.B.Biradared.NewHorizon,TextbookprescribedforB.A.and BSWProgramme under CBCS, Rani Channamma University, Belagavi, 2021. 2. VijayFNagannawarandS.B.BiradaredEnglishStars,TextbookprescribedforBComand BBAProgramme under CBCS, Rani Channamma University, Belagavi, 2021. 3. Dr.S.B.BiradarandProf.VijayFNagannawared.EnglishGems,TextbookprescribedforB.Sc.and BCAProgramme under CBCS, Rani Channamma University, Belagavi, 2021. 4. QuirkRandolph,SidneyGreenbaum,GeoffreyLeech&JanSvartvik.AComprehensiveGrammar of theEnglish Language General Grammar. Longman. 5. Herring,Peter.CompleteEnglishGrammarRules.CreatespaceIndependentPub,California,2016. 6. JainCharul,PradyumnasinhRaj&YunusKarbharj.EnglishSkillsforAcademicPurposes. MacmillanEducation. London, 2017 7. GeoffreyLeechandSvartik.CommunicativeGrammarofEnglish,Pearson 8. GeoffreyLeech.EnglishGrammarforToday,Palgrave 9. PrasadP.TheFunctionalAspectsofCommunicativeSkills. 10. LeenaSen.CommunicationSkills,PrincetonHall5.VandanaSingh.TheWrittenWord,OUP

Digital Resources	http://orelt.col.org/module/unit/4-grammar-improving-composition-skillshttps://www.academia.edu/26724441/A_Concise_Grammar_for_English_Language_Teachers.https://www.efluniversity.ac.in/EnglishPro.php https://www.britishcouncil.in/

QuestionPaperPattern

I.	10objectivequestions5 fromUnitland 5fromUnitII	10x01=10
II.	1essaytypequestionout of2fromUnitI	01x10=10
III.	01essaytypequestionout of2fromUnitII	01x10=10
IV.	02questionsoutof4:fromUnitIII	02x05=10
V.	04LanguageActivityout of6:fromUnit IV	04x05=20
Total		**60**

Hindi

SyllabusofB.B.A./B.C.A./B.S.W./C.C.J.AbilityEnhancementcompulsoryCourse AECC
COURSECODE-126COM02LANAEC12T

Hindi

Syllabus of B.B.A./B.C.A./B.S.W./C.C.J. Ability Enhancement compulsory Course

AECC

Title of the Subject/Discipline : A2साहित्यिकविधा : गद्यसंकलन+प्रयोजनमूलकहिंदी				
Year	1	Course Code : AECC-2-HINDI (B.B.A./B.C.A./B.S.W./C.C.J.)	Credits	3
Sem.	2	Course Title/Discipline : Collection of Prose+Functional Hindi Text : गद्यचयन (गद्यसंकलन) भूमिकाप्रकाशन, दिल्ली-110051	Hours	4
Formative Assessment Marks :40 Summative Assessment Marks :60 Duration of ESA :64 hrs.				
Learning Outcomes	1. हिंदीगद्यकीविभिन्नविधाओंसेपरिचितहोंगे। 2. हिंदीकेगद्यकारोंसेपरिचितहोंगे। 3. भाषायीशुद्धताकेप्रतिरुचिनिर्माणहोगी। 4. लेखनकौशलप्राप्तकरसकेंगे। 5. हिंदीभाषाकामहत्त्वतथाविविधरुपजानसकेंगे।			

Unit No.	Course Content	Suggested Pedagogy	Hours L/P/L
Unit I	गद्यचयन (गद्यसंकलन) केपाठक्र.1,2,3	1. कक्षाव्याख्यान 2. सामूहिकचर्चा 3. संवादएवंबहस 4.रचनात्मकअभिव्यक्ति	16
Unit II	गद्यचयन (गद्यसंकलन) केपाठक्र.4,5,6		16
Unit III	गद्यचयन (गद्यसंकलन) केपाठक्र.7,8		16
Unit IV	हिंदीभाषाकेविविधरुप		16

Recommended Leaning Resources	
Print Resources	1. गद्यचयन (गद्यसंकलन), भूमिकाप्रकाशन, दिल्ली-110051 2. प्रयोजनमूलकहिंदी :डॉ. रामप्रकाश, डॉ. दिनेशगुप्त, राधाकृष्णप्रकाशन, नईदिल्ली-110002
Digital Resources	https://www.mpboardsolutions.com/mp-board-class-10th-special-hindi-gadya-ki-vividh-vidhaye/ https://youtu.be/CeC1o4YWKW8 https://www.youtube.com/watch?v=jF8nZwh_Hp8 https://www.youtube.com/watch?v=UA2l7xMeFvE

Ability Enhancement Compulsory Language Courses IISemester-
BA/BSW/BSc/BCOM./BBA/BCA/CCJ

2021-22andonwards

COURSECODE-126COM02LANAEC13T

Title:SanskritProseLiterature,Grammarand Translation

Semester	AbilityEnhancementcompulsorycourse(L+T)	Marks	Credits
II	a. IntroductiontoSamskrutaGadyaKavya b. SelectedPortionofaSanskritProsecomposition- **VethalaPanchavimshathi(Selectedstories)**	45	3
	a. Correctionoferrors b. TigantaPrakaranam–LatLakara,LangLakara,LotLakara, VidhilingLakara,LrutLakara. c. TranslationfromSanskrittoKannada/English	15	
	ContinuousEvaluation:Attendance,Assignment,InternalTest,CreativeWriting,ConversationinSanskrit	40	
	Total	100	3

SchemeofExamination

1.Essaytypequestions	(1of2)	1x10=10
2.Shortnotes	(2of4)	2x5=10
3.TranslationofProse	(1of2)	1x8=08
4.Referencetocontext	(3of5)	3x4=12
5.Grammar(shouldbeansweredinSanskritonly)		
a)Correctionoferrors	(5of8)	5x1=05
b)IdentificationofLakara,Purusha&Vachana	(5of8)	5x1=05
7.TranslationfromKannada/EnglishtoSanskrit		1x10=10

Booksforstudy&Reference:

1. VethalaPanchavimshathi:PublishedbyChowkambaVidyabhavan.
2. HistoryofSanskritLiteraturebyM.R.Kale.
3. SamkrutaSahityadaItihasa(Kannada)S.RamachandraShastri-Prasaranga,BangaloreUniversityPublications.
4. BhashaShastraMattuSamskrutaSahityaCharitre(kannada)editedbyDr.K.Krishnamurthy,VidwanRanganathaSharmaandvidwanH.K.Siddagangaiah.
5. HistoryofSanskritLiterature-S.Rangachar
6. HistoryofClassicalSanskritLiterature-M.Krishnamachariyar
7. SamskrutaSahityaSameekshe(Kannada)Dr.M.ShivakumaraSwamy
8. HigherSanskritGrammar-M.R.Kale.

MARATHI

COURSECODE-126COM02LANAEC14T

Title of the Subject/ Discipline : MARATHI

Year	1	Course Code : **AECC-2, L-2 : MARATHI (B.A.)**	Credits	3
Sem.	II	Course Title : **Discipline : वाङ्मयप्रकार : आत्मचरित्र + पत्रकारिता** **Wangmayaprakar) : Atmacharitra+ Patrakarita)** **Text - '*स्त्री स्पंदने*'** - संपा. डॉ. स्नेहल तावरे, डॉ. शोभा पाटील, डॉ. सरिता देशमुख, स्नेहवर्धन प्रकाशन, पुणे *(निवडक स्त्री आत्मकथने - रमिश (साधना आमटे), बाकाची शाळा (नसीमा हुरजूक), अपवाद (उर्मिला पवार), माझी मी (पद्मश्री गायकवाड), मास्तरांची सावली (कृष्णाबाई सुर्वे*)	Total Hours	64

Formative Assessment Marks : 40	Summative Assessment Marks : 60	Duration of ESA: 4 Hrs.

Learning Outcomes

1. To get basic knowledge of autobiography
2. To understand aspects of autobiography
3. To get to learn about what an individual has been through and more often than not.
4. To inspire someone else with life story
5. Try to understand who I am and who I can be by examining how I respond to different situations and peoples.
6. To get to motivate, to entertain and to persuades

Unit No.	Course Content/ अभ्यासघटक	Suggested Pedagogy अध्यापनशास्त्र	Hours U/P/L
I	मराठीतील आत्मचरित्रे : स्वरूप आणि वाटचाल	1.Lecture Method 2. Assignment 3. Individual and group presentation 4. Virtual mode 5.PPT Presentation 6.Class Seminar 7.Study tour 8.Visit to Print Media	12
II	'स्त्री स्पंदने' मधील जीवनदर्शन		13
III	'स्त्री स्पंदने' चे वाङ्मयीन वैशिष्ट्ये		13
IV	मराठी भाषा आणि प्रसारमाध्यम		13
V	बातमीलेखनाचे स्वरूप आणि बातमीदाराचे कार्य		13

Recommended Learning Resources

Print Resources	1. चरित्र आणि आत्मचरित्र - सदा कऱ्हाडे, लोकवाङ्मय गृह, मुंबई 2. मराठी वाङ्मयाचा अभिनव इतिहास - ग. ना. जोगळेकर, स्नेहवर्धन प्रकाशन, पुणे 3. चरित्र - आत्मचरित्र - अ. म. जोशी, स्नेहवर्धन प्रकाशन, पुणे 4. प्रदक्षिणा, खंड पहिला आणि दुसरा - कॉन्टिनेंटल प्रकाशन, पुणे 5. उपयोजित भाषाविज्ञान आणि प्रसारमाध्यमे - डॉ. प्रकाश कुंभार, अक्षरदालन, कोल्हापूर 6. पत्रकारिता मार्गदर्शन - एस. के. कुलकर्णी, पुणे विद्यार्थी गृह प्रकाशन, पुणे 7. उपयोजित मराठी - डॉ. संजय लाडगे, दिलीपराज प्रकाशन, पुणे
Digital Resources	http://vishwakosh.marathi.gov.in http://marathivishwakosh.org http://marathi.pratilipi.com http://mr.vikaspedia.in http://www.maayboli.com http://esahity.com www.bbc.com

URDU

COURSECODE-126COM02LANAEC15T

AbilityEnhancementCompulsoryCourse(AECC)

		Titleofthesubject/discipline:URDU		
Year	I		Credit	30
Sem.	II	CorseCode:**AECC-2–Urdu** CorseTitle:Discipline:کہانیاں مختصر اور صحافت(Sahafat aurmukhtasar kahaniyan) **Text:JadeedIlam-e-Science-WazaratHussain** **Published*By*EducationalBookHouse,Aligarh**	Total Hours	64

FormativeAssessmentMarks:40	SummativeAssessmentMarks:60	DurationofESA:4Hrs.

Outcomes:	1. KnowUrduFictionandFictionwriters. 2. GetopportunitytolearnandwriteUrduGhazals. 3. LearnaboutfamousUrduelegiesandelegywriters 4. GetknowledgeaboutUrduQasidanigari(ode)andtheirwriters.

UnitNo.	**CourseContent**	**Suggested Pedagogy**	**Hours L/P/L**
UnitI	HatimkiSakhawat Bhola AchhiKitaab SardikiGarmaGarmi AdabKyaHai	i) Lecturemethod, ii) Assignments, iii) Individual andGroup Presentationsand activities iv) VirtualMode v) Power PointPresent ation	22
UnitII	Aankhaunmerahamai nMirDariya Hai NaKisikiAnkhkanoorhun		20
UnitIII	Khake HindSamp MujhsePahlisiMuhabbat		20
UnitIV	Dawat-e-Inqlab HazaratHoorki ShahadatKhatir saylihazhai		20
UnitV	Jadeed Ilam-E-Science(Lessons3,4& 5only) (PageNo.76to130)		20

RecommendedLearningResources

PrintResources	1. Anwar-e-Adab,(Vol1Part–1), Dr.SyedAleemullaHusaini,Dr.AbdurrahimA.Mulla 2. JadeedIlam-e-Science ByWazaratHussain,EducationalBookHouse,Aligarh
DigitalResources	1. http://www.urdubazar.com 2. http://www.rekhta.org 3. http://kitabghar.com

SyllabusofB.B.A./B.C.A/B.S.WEtc.

AbilityEnhancementCompulsoryCourse(AECC)

Year	I	**Titleofthesubject/Discipline:ARABIC**	Credit	30
Sem.	II	CorseCode:**126COM02LANAEC16T(B.B.A./B.C.A/B.S.W.ETC.)** CorseTitle:Discipline:**المعاصرالشعر(AshsherulMuasir)** يخراراخاألدبنس ذا تذرا ،يجهصاشاعدانعهبو،د Text:ذرأتاد	Total Hours	64

FormativeAssessmentMarks:40	SummativeAssessmentMarks:60	DurationofESA:4Hrs

LearningOutcomes	1. BriefKnowledgeaboutArabicLanguage 2. BriefKnowledgeaboutArabicLiterature 3. DevelopmentofArabicReading&WritingSkills 4. CommunicationinArabicLanguage 5. DevelopmentofTranslationSkills

UnitNo.	CourseContent	Suggested Pedagogy	Hours U/P/L
UnitI	جضاءعئخع ئخض هـ هـ إ ،اغإذوانك هـ تان إصخ،األلعذوافرع هـ ت،انص فك اإخ هـ ص،األلخالقان"زيبيخ،انعإيهخ االيئخ	i) Lecturemethod, ii) Assignments, iii) Individualan dGroupPresentations andactivities iv) VirtualMode v) Power PointPresentation	32
UnitII	عسحانذجشاد،عسحانج عخ"		30
UnitIII	ذانكشإفخ،انضإدخ،انزخان"كز جخ،االعزبر ش وانانذ، انجى،انم"ش		30
UnitIV	انعصشانجإهه "انفصمانضإنش(وانشائع)		30
UnitV	انززكش ش،انزشكتانزنصإف"،ودذحوج "عوا انج"هخانفعهخ		30

RecommendedLearningResources

PrintResources	1-فذحاألدبندذانسياكرا ي 2-يخراراخاألدبنس ذا تذرا 3-انقرآنك 4-ذارىخاألدبانعرتنألضرارأد ذدطإخ 5-انذانناضخ)انجسءاألول(نعهانجاروويصطفأي
DigitalResources	1. http://www.almaany.com 2. http://naseemalsham.com 3. http://m.marefa.org