

SCHEME & SYLLABUS

B.A. (Honours/ Honours with Research)

in Humanities

Four Year Under-Graduate (FYUG) Programme as per NEP
Choice Based Credit System Semester Scheme with Multiple Entry and Exit Options in the
Undergraduate and Post-graduate Degree Programmes

Programme Code: UG

(Academic Session 2026-27 onwards)

(Choice Based Credit System)



University Institute of Humanities
Sant Baba Bhag Singh University
2026

ABOUT THE DEPARTMENT

Sant Baba Bhag Singh University is an institution of excellence, recognized for the academic caliber and versatility of its educational programme worldwide. The Department of Humanities with its excellent faculty in Economics, Languages, History, Political Science and Music contributes to this excellence. Department of Humanities is created to pursue teaching and research in Punjabi Language and Literature, English Language and Literature, History and other subjects. SBBSUIH regards knowledge of Humanities and Arts as the core value. Inspired by the vision and values, this department offers a wide range of courses to the students of Humanities and Arts, runs the vibrant M. Phil & Ph.D. programs in Punjabi, English, History and Economics. Our purpose is to contribute for expanding the frontiers of knowledge in Humanities and Arts.

SALIENT FEATURES OF THE DEPARTMENT

- ❖ At SBBS University the focus of Department is on conducting innovative teaching, fundamental multidisciplinary research in humanities.
- ❖ Research oriented curriculum designed to enable students to acquire all the skills needed to collect and analyze the data.
- ❖ The Institute drawing upon its strength of highly qualified well-trained faculty, state of art, infrastructure and innovative teaching methodology.
- ❖ An Elective subject develops student's ability in understanding different forms of literary theory.
- ❖ Humanities teaches us the basic ethics of human values and psychology with reference to all the aspects of the relevant area /subjects.
- ❖ With the latest research prevalent in the specific field, the institute is furnished with various specialized language labs and area for practicing of performing arts.

B.A. (Honours/ Honours with Research) in Punjabi

B.A. (Honours/ Honours with Research) in Punjabi is a pathway for the stream of Arts, Commerce, Medical and Non-Medical students of 10+2 to gain the expertise for the professions like- Teaching, Counsellor and consultant, Journalism, Accounts. The program is designed as an undergraduate course in liberal arts, to develop the ability for Subject Matter Experts, Historian, Content Writer and Language Expert etc. They can also pursue master's program (MA) in Punjabi, English and History after graduation.

VISION

The Department of Humanities, with the expansion of global knowledge of human concerns, helps in developing critical thinking and aesthetic aptitude through higher education and research.

MISSION

To prepare students as graduates for their successful career and to develop all aspects of their personality to make them good human beings. To provide students with an understanding of human behavior that will support their ability to adjust in multi-cultural society.

ELIGIBILITY CRITERIA

10+2 or its equivalent examination in any stream conducted by a recognized Board/ University/Council

DURATION

4 Years

CAREER PATHWAYS

The program is designed to meet the growing requirement of qualified professionals in field of Teaching, Banking, Research and Learning. BA graduates are hired both by Government and private organizations. They can also take up their career as Politicians and Social Workers. On the basis of Arts they are able to join their Post-Graduation Courses further.

- Government Jobs
Prepare students for various government jobs such as Civil Services, banking sector etc. Many government Banks, Business Houses, Consultancies, Educational Institutes are hiring BA students.
- Private Jobs: Multiple pathways designed according to the level of the students to prepare them for different job profiles as per needs of industrial and media sector.
- Higher Studies: This pathway prepares students for Higher Studies and helps in their research also.
- Entrepreneurship: To set up new ventures. They can open up their own Teaching & Learning Institute

National Higher Education Qualifications Framework (NHEQF)

The National Education Policy (NEP) 2020 emphasizes the importance of higher education in promoting human and societal well-being, sustainable livelihoods, and economic development. It proposes the formulation of expected learning outcomes for all higher education programs, a National Higher Education Qualifications Framework (NHEQF) to integrate vocational education, and facilitative norms for issues like credit transfer and equivalence.

The NHEQF levels represent a series of sequential stages expressed in terms of a range of learning outcomes against which typical qualifications are positioned/located. NHEQF level 4.5 represents learning outcomes appropriate to the first year (first two semesters) of the undergraduate programme of study, while Level 8 represents learning outcomes appropriate to the doctoral-level programme of study.

Higher education qualifications at different levels on the NHEQF

NHEQF level	Examples of higher education qualifications located within each level
Level 4.5	Undergraduate Certificate. Programme duration: First year (first two semesters) of the undergraduate programme, followed by an exit 4-credit skills-enhancement course(s).
Level 5	Undergraduate Diploma. Programme duration: First two years (first four semesters) of the undergraduate programme, followed by an exit 4-credit skillsenhancement course(s) lasting two months.
Level 5.5	Bachelor's Degree. Programme duration: First three years (Six semesters) of the four-year undergraduate programme.
Level 6	Bachelor's Degree (Honours/ Honours with Research). Programme duration: Four years (eight semesters). Level 6 Post-Graduate Diploma. Programme duration: One year (two semesters) for those who exit after successful completion of the first year (two semesters) of the 2-year master's programme.
Level 6.5	Master's degree. (e.g. M.A., M.Com., M.Sc., etc.) Programme duration: Two years (four semesters) after obtaining a 3- year Bachelor's degree (e.g. B.A., B.Sc., B.Com. etc.).
Level 6.5	Master's degree. (e.g. M.A., M.Com., M.Sc., etc.) Programme duration: One year (two semesters) after obtaining a 4 -year Bachelor's degree (Honours/ Honours with Research) (e.g. B.A., B.Sc., B.Com. etc.).
Level 7	Master's degree.(e.g. M.E./M.Tech. etc.) Programme duration: Two years (four semesters) after obtaining a 4-year Bachelor's degree. (e.g. B.E./B.Tech. etc.)
Level 8	Doctoral Degree

PROGRAMME EDUCATIONAL OBJECTIVE (PEO)

PEO1: The Student will be capable of ethical responsibility and work for the betterment of the society.

PEO2: Student will learn to engage with texts and works of art by learning and practicing methods of close reading, careful analysis and critical thinking.

PEO3: Student will develop their abilities in different forms of communication, formulating optimistic opinions and applying concepts to a real-world context.

PEO4: Student will develop a sensibility and understanding to be proactive as a responsible global citizen.

PROGRAMME OUTCOMES (PO)

PO1: To comprehend human behavior that will support their ability to participate as informed members of the society, and will be able to develop an empathetic outlook towards others and their surroundings.

PO2: To function effectively in teams and individually to accomplish a common goal.

PO3: To understand professional, ethical, legal, security and social issues and responsibilities.

PO4: To develop a multidisciplinary approach that will help them to build their social analytical skills and in pursuing multitasking courses and profession.

PO 5: Students will be able to understand specialised areas and explain major concepts in the languages/ social sciences and its applications.

PO6: Critical thinking as an attribute enables a student to identify, formulate and analyze a complex variety of problems in humanities.

PO7: Student will be able to demonstrate the ability to read, understand, and critically review the concepts and information.

PO8: Students will be able to motivate and communicate the knowledge in oral and written form accurately using an appropriate communication style.

PROGRAMME SPECIFIC OUTCOMES (PSO)

PSO1: Specify the level, criterion, or standard for the knowledge, skill, ability, or disposition that the student must demonstrate

PSO2: Students with this course can go for higher education towards development studies that are restructured.

PSO3: Provide a fundamental knowledge to develop an aesthetic appreciation for fine arts.

PSO4: Students will develop thinking ability to consider different concerns from a global perspective.

Salient Features of the Four Years Multidisciplinary Undergraduate Programmes with Multiple Entry and Exit Options (Four-Year Choice Based Credit System Semester Scheme)

1. The Undergraduate (UG) degree programmes of either 3 or 4-year duration, shall be structured in a semester mode with multiple exit options with the followings with multiple entry and exit points and re-entry options, with appropriate certifications such as:
 - a) Certification (UG Certificate) at the completion of first year (1 year = 2 semesters)
 - b) Diploma (UG Diploma) at the completion of second year (2 years = 4 semesters)
 - c) Bachelor's Degree at the completion of third year (3 years = 6 semesters)
2. The candidate who completes the four years Undergraduate Program, either in one stretch or through multiple exits and reentries (within the stipulated maximum period of seven years) would get a Bachelor's degree with Honours or Research. For example:
 - a) Bachelor's Degree (Honours) at the completion of fourth year (4 years = 8 semesters)
 - b) Bachelor's Degree (Honours with Research) at the completion of fourth year (4 years = 8 semesters)
3. The four years undergraduate Honours degree holders with a research component and a suitable grade are eligible to enter the
 - Ph.D. (Doctoral) Programme in a relevant discipline or
 - Two Semester Master's Degree programme with project/research work
4. Candidates who wish to enter the master's/doctoral programme in a discipline other than the major discipline studied at the undergraduate programmes, have to take additional courses in the new discipline to meet the requirement or to make up the gap between the requirement and the courses already studied.
5. There may be parallel five years integrated master's degree programmes with exit options at the completion of third and fourth years, with the undergraduate degree and undergraduate degree with honours in a discipline, respectively.
6. There may also be an integrated doctoral programme with an exit option at the end of the first year with the Master's degree.
7. The students who exit with Certification, Diploma and Basic Bachelor Degree shall be eligible to re-enter the programme at the exit level to complete the programme or to complete the next level.
8. The areas of specialization which the students are required to choose are either two disciplines/ subjects or a discipline called 'major course'. Students gain deep disciplinary knowledge through theory and practical experiences in their area of specialization (major). Students should secure the prescribed number of credits (about 50% of total credits) through core courses in the major discipline.
9. The areas of additional discipline which the students are required to choose are called 'minor course'. Students gain a reasonable understanding of the area of additional study (minor) that they choose.
10. The students may study two disciplines at the same level or breadth up to the sixth semester and choose one of them for study in the fourth year to obtain the Honours

degree in that discipline. A student who wishes to get dual honours degrees may repeat the fourth year of the program in the second discipline.

11. The students may choose one discipline and vocational subject or Teacher Education for their study in the undergraduate program. This will enable them to get an Honours degree either in the discipline or in the vocational subject/ Teacher Education or both, in the discipline and in the vocational subject/ Teacher Education.
12. Students shall be given options to choose courses from a basket of courses being offering.

ABOUT THE CHOICE BASED CREDIT SYSTEM (CBCS)

The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill-based courses. The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. The basic idea is to look into the needs of the students so as to keep up-to-date with development of higher education in India and abroad. CBCS aims to redefine the curriculum keeping pace with the liberalization and globalization in education. CBCS allows students an easy mode of mobility to various educational institutions spread across the world along with the facility of transfer of credits earned by students.

1. Curriculum Structure: BA degree programme will have a curriculum with Syllabi consisting of following type of courses:

I. Ability Enhancement Courses (AEC): The Ability Enhancement Courses (AEC) may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC). AECC courses are the courses based upon the content that leads to Knowledge enhancement; these are mandatory for all disciplines.

SEC courses are value-based and/or skill-based and are aimed at providing hands-on-training, competencies, skills, etc.

A. Ability Enhancement Compulsory Courses (AECC): Environmental Science, English Communication/MIL Communication.

B. Skill Enhancement Courses (SEC): These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge.

II. Core Courses (CR): A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course. These courses are employability enhancement courses relevant to the chosen program of study. Program core comprises of Theory, Practical, Project, Seminar etc. Project work is considered as a special course

involving application of knowledge in solving/ analyzing/exploring a real-life situation/ difficult problem.

III. Elective Courses: Elective course is generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill. Accordingly, elective course may be categorizing as:

A. Discipline Specific Elective (DSE) Course: Elective courses may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective.

B. Project (I): An elective course designed to acquire special/advanced knowledge, such as supplement study/support study to a project work, and a candidate studies such a course on his own with an advisory support by a teacher/faculty member is called dissertation/project.

2. NOMENCLATURE USED:

A. Graduate Core Courses

- i. Core Course (CR)
- ii. Theory Subject (T)
- iii. Practical (P)

B. Ability Enhancement Courses (AEC):

- i. Ability Enhancement Compulsory Courses (AECC)
- ii. Skill Enhancement Courses (SEC).

C. Elective Courses (EL)

- i. Discipline Specific Elective (DSE)

COURSE SCHEME

B.A. First Semester								
Sr. No	Course Type	Course Category	Course Code	Course Name	Teaching Scheme			
					Contact Hours	Credits	Total Contact Hours	Total Credits
					(L:T:P)	(L:T:P)		
1	Major- 1	DSC		Major Core Course-1	4:1:0	4:1:0	5	5
2	Major- 2	DSC		Major Core Course-2	4:1:0	4:1:0	5	5
3	Major- 3	DSC		Major Core Course-3	4:1:0	4:1:0	5	5
4	Minor-1				4:0:0	4:0:0	4	4
5	MDC*	MDC-I		Multi-Disciplinary Course-I	3:0:0	3:0:0	3	3
6	VAC	VAC-I		Value Added Course-I (EVS100 : Environment Education)	4:0:0	4:0:0	4	4
7	AEC/ JK/ Life Skills-1	AEC-I		Ability Enhancement Course-I	2:0:0	2:0:0	2	2
8	PT	PT	PT161	NSO	0:0:2	0:0:0	2	NC
			PT163	NCC	0:0:2	0:0:0	2	NC
			PT165	NSS	0:0:2	0:0:0	2	NC

Major Core Course (Theory)

S. No.	Course Category	Course Code	Course Name				
1	DSC	HIS161	Indian Knowledge System: History of India from the Earliest Times up to C 300	4:1:0	4:1:0	5	5
2	DSC	PLS161	Indian Knowledge System: Introduction to Political theory	4:1:0	4:1:0	5	5
3	DSC	PED167	Physical Education-I (Theory)	3:1:0	3:1:0	4	4
4	DSC	ENG161	Literary and Philosophical Traditions of Indian Knowledge Systems –I	4:1:0	4:1:0	5	5
5		PBI161	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ-I	4:1:0	4:1:0	5	5
6	DSC	MUC161	Music Vocal -I (Theory)	2:1:0	2:1:0	3	3
7	DSC	ECO161	Indian Knowledge System through Micro Economics	4:1:0	4:1:0	5	5
8	DSC	MAT161	Mathematics-I (Calculus)	4:1:0	4:1:0	5	5
9	DSC	GEO161	Geomorphology	3:1:0	3:1:0	4	4

Major Core Course (Practical)

1	DSC	PED169	Physical Education-I (Practical)	0:0:2	0:0:1	2	1
2	DSC	MUC163	Music Vocal-I (Practical)	0:0:4	0:0:2	4	2
3	DSC	GEO163	Cartography–I (Practical)	0:0:2	0:0:1	2	1

Minor Course (Theory)

S. No.	Course Category	Course Code	Course Name				
1	DSC	HIS163	History of India from the Earliest Times up to C 300	4:0:0	4:0:0	4	4
2	DSC	PLS163	Principles of Political science	4:0:0	4:0:0	4	4
3	DSC	PED171	Fundamental of Physical Education-I (Theory)	3:0:0	3:0:0	3	3
4	DSC	ENG163	Indian Epics, Mysticism, and Philosophy through the Ages-I	4:0:0	4:0:0	4	4
5	DSC	PBI163	ਸ਼ਾਹਿਤ ਸਿਧਾਂਤ	4:0:0	4:0:0	4	4
6	DSC	MUC165	Indian music vocal-i (theory)	2:0:0	2:0:0	2	2
7	DSC	ECO163	Micro economics	4:0:0	4:0:0	4	4
	DSC	GEO165	Physical Geography-I	3:0:0	3:0:0	3	3

Minor Course (Practical)

1	DSC	PED173	Fundamental of Physical Education-I (Practical)	0:0:2	0:0:1	2	1
2	DSC	MUC167	Indian Music Vocal-I (Practical)	0:0:4	0:0:2	4	2
3	DSC	GEO167	Physical Geography-I (Practical)	0:0:2	0:0:1	2	1

Minimum Contact Hours Required: 30

Minimum Credit Required: 28

MDC* : should not be studied at secondary level

B.A. Second Semester								
Sr. No.	Course Type	Course Category	Course Code	Course Name	Teaching Scheme			
					Contact Hours	Credits	Total Contact Hours	Total Credits Hours
					(L:T:P)	(L:T:P)		
1	Major-4 (IKS-2)	DSC	PBI162	ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ-II	4:1:0	4:1:0	5	5
2	Major-5	DSC		Major Core Course-II	4:1:0	4:1:0	5	5
3	Major-6	DSC		Major Core Course-II	4:1:0	4:1:0	5	5
	Minor-2				4:0:0	4:0:0	4	4
4	MDC	MDC-2		Multi-Disciplinary Course-II	3:0:0	3:0:0	3	3
	SEC	SEC-1		Skill Enhancement Course-I	3:0:0	3:0:0	3	3
5	VAC/ JK/ Life Skills/ Mulya Parvah	VAC-2		Value Added Course-II (JKM001- Universal Human Values and Professional Ethics)	2:0:0	2:0:0	2	2
6	AEC	AEC-2		Ability Enhancement Course-II	2:0:0	2:0:0	2	2
7	PT	PT	PT102	NSO	0:0:2	0:0:0	2	NC
			PT104	NCC	0:0:2	0:0:0	2	NC
			PT106	NSS	0:0:2	0:0:0	2	NC

Major Core Course (Theory)

S. No.	Course Category	Course Code	Course Name				
1	DSC	HIS162	History of Medieval India A.D. 1000-1450	4:1:0	4:1:0	5	5
2	DSC	PLS162	Political Science-II(Political Theory: Concepts and Debates)	4:1:0	4:1:0	5	5
3	DSC	PED168	Physical Education-II(Theory)	3:1:0	3:1:0	4	4
4	DSC	ENG162	Indian Aesthetics and Literary Traditions -II	4:1:0	4:1:0	5	5
5	DSC	PBI162	ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ-II	4:1:0	4:1:0	5	5
6	DSC	MUC162	Music Vocal -II (Theory)	2:1:0	2:1:0	3	3
7	DSC	ECO162	Indian Knowledge System through Macro Economics	4:1:0	4:1:0	5	5
8	DSC	MAT162	Mathematics-II (Ordinary Differential Equations)	4:1:0	4:1:0	5	5
9	DSC	GEO162	Fundamentals of Climatology and Oceanography	3:1:0	3:1:0	4	4

Major Core Course (Practical)

1	DSC	PED170	Physical Education-II (Practical)	0:0:2	0:0:1	2	1
2	DSC	MUC164	Music Vocal-II (Practical)	0:0:4	0:0:2	4	2
3	DSC	GEO164	Cartography-II (Practical)	0:0:2	0:0:1	2	1

Minor Course (Theory)

S. No.	Course Category	Course Code	Course Name				
1	DSC	HIS164	Medieval India A.D. 1000-1450	4:0:0	4:0:0	4	4
2	DSC	PLS164	Political Theories and ideologies	4:0:0	4:0:0	4	4
3	DSC	PED172	Fundamental of Physical Education -II (Theory)	3:0:0	3:0:0	3	3
4	DSC	ENG164	Exploring Indian Knowledge Systems Through Classical Literature-II	4:0:0	4:0:0	4	4
5	DSC	PBI164	ਸ਼ਾਹਿਤ ਸਿਧਾਂਤ	4:0:0	4:0:0	4	4
6	DSC	MUC166	Indian Music Vocal-II (Theory)	2:0:0	2:0:0	2	2
7	DSC	ECO164	Macro Economics	4:0:0	4:0:0	4	4
8	DSC	GEO166	Physical Geography-II (Theory)	3:0:0	3:0:0	3	3

Minor Course (Practical)

1	DSC	PED174	Fundamental of Physical Education-II (Practical)	0:0:2	0:0:1	2	1
2	DSC	MUC168	Music Vocal-II (Practical)	0:0:4	0:0:2	4	2
3	DSC	GEO168	Cartography-II (Practical)	0:0:2	0:0:1	2	1

Minimum Contact Hours Required: 31
Minimum Credit Required: 29

Semester –I

IKS-I ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ-I (MAJOR)

Course Code	PBI161
Course Title	ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ-I
Type of Course	Theory
L T P	4:1:0
Credits	5
Course Prerequisite	N.A
Course Objectives	1. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਗਿਆਨ ਦੀ ਸਾਹਿਤ ਪ੍ਰੰਪਰਾ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਦੇ ਵੱਖ-ਵੱਖ ਸਕੂਲਾਂ ਨੂੰ ਸਮਝਣਯੋਗ ਹੋ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਭਾਰਤੀ ਕਾਵਿ ਸਿਧਾਂਤਾਂ ਰਾਹੀਂ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ।

ਭਾਗ-ੳ

ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ: ਮੁੱਢਲੇ ਸੰਕਲਪ

ਕਾਵਿ ਸ਼ਾਸਤਰ: ਪਰਿਭਾਸ਼ਾ, ਮਹੱਤਵ ਅਤੇ ਇਤਿਹਾਸਕ ਪਿਛੋਕੜ

ਕਾਵਿ ਦੀ ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਪ੍ਰਯੋਜਨ

ਭਾਗ-ਅ

ਰਸ ਸੰਕਲਪ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਰਸ ਸੂਤਰ

ਸਥਾਈ ਭਾਵ, ਵਿਭਾਵ, ਅਨੁਭਾਵ ਅਤੇ ਸੰਚਾਰੀ ਭਾਵ

ਰਸਾਂ ਦੀਆਂ ਕਿਸਮਾਂ ਅਤੇ ਉਨ੍ਹਾਂ ਦਾ ਸਰੂਪ

ਭਾਗ-ੲ

ਅਲੰਕਾਰ ਸੰਪਰਦਾਇ

ਅਲੰਕਾਰ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਮਹੱਤਵ

ਅਲੰਕਾਰ ਸੰਪਰਦਾਇ ਦਾ ਵਰਗੀਕਰਨ

ਭਾਗ-ਸ

ਰੀਤੀ ਸੰਪਰਦਾਇ:

ਰੀਤੀਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਮਹੱਤਵ

ਰੀਤੀ ਸਿਧਾਂਤ: ਲੱਛਣ, ਸਰੂਪ ਅਤੇ ਆਧਾਰ

ਪਾਠ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	ਭਾਰਤੀ ਕਾਵਿ	(2010) ਮਦਾਨ ਪਬਲੀਕੇਸ਼ਨ ਪਟਿਆਲਾ

	ਸ਼ਾਸਤਰ	
ਜੱਗੀ, ਗੁਰਸ਼ਰਨ ਕੌਰ	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ	(2008) ਆਰਸੀ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ
ਸ਼ਾਸਤਰੀ, ਰਜਿੰਦਰ ਸਿੰਘ (ਟ੍ਰਾਂਸ.)	ਕਾਵਿ-ਪ੍ਰਕਾਸ਼	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ

Indian Knowledge System: History of India from the Earliest Times up to C 300

Course Code	HIS161
Course Title	Indian Knowledge System: History of India from the Earliest Times up to C 300
Type of Course	Theory (Core Course)
L T P	4 1 0
Credits	5
Course Pre-requisite	Nil
Course Objectives (CO)	1. Building upon a prior basic knowledge of the history of ancient India, this course introduces the student to the major currents in the study of that history. 2. It focuses on the political processes that underlay the structures of the state and society but also takes the student into the details of social and cultural history.
Course Outcomes	The students are able to understand historical interpretation. 1. Developed historical research skills like Critical Thinking, Verbal Literacy 2. Now the students are able to communicate historical knowledge in written and oral forms (Critical Thinking, Verbal Literacy). 3. They introduced with important historical places of Ancient India on map.

UNIT-I

Major Sources of Ancient

History: Literary Sources, Archaeological findings, Coins, Inscriptions and travel accounts.

UNIT-II

The Indus Civilization: Origin and extent; Town-

planning; Social and Economic Life, Religion; Causes of disintegration.

Vedic Age: Political and Economic Life, Social and Religious Life.

UNIT-III

Republics and Kingdoms 600-321 B.C.E.: Mahajanpadas, the rise of Magadha.

Jainism and Buddhism: Spread and Decline.

UNIT-IV

The Age of the Mauryas: Establishment of the Mauryan Empire; Central and Provincial Administration; Revenue; Judicial and local administration; Ashoka's Dhamma.

Map: (a) Map on important historical places: Taxila, Indraprastha, Kannauj, Patliputra, Ujjain, Bodhgaya, Varanasi, Sopara, Ajanta, Ellora, Sanchi, Tanjor, Kanchipuram, Lothal, Nalanda, Hastinapur, Kalibangan, Harrappa, Kalinga, Arikamedu, Shravanbelgola.

Text Books and References:

S.No.	Author(S)	Year	Title	Publisher
1	A.C.Arora&S.L.Sikri,	2009	Bharati Itihas Da Prachin Kal (Punjabi & Hindi)	Kalyani Publishers, Ludhiana
2	Romila, Thapar	2002	<i>The Penguin History of Early India from the Origins to AD 1300</i>	Penguin Books

POLITICAL SCIENCE SEMESTER IST

COURSE CODE	IKS-PLS-161
COURSE TITLE	IKS-Political science: Introduction to Political theory
TYPE OF COURSE	POLITICAL THEORY
L.P.T	4:1:0
CREDIT	5
COURSE OBJECTIVES	The course is introductory in nature and shall help students to understand the basic concepts in Political Theory. The conceptual understanding will smoothen their path towards the more advanced theoretical debates in Political Theory and Political Philosophy. Furthermore, the Field-work/Internship offers an opportunity to understand the working and nature of political institutions and processes.
LEARNING OUTCOME	1. To introduce students to basic conceptual categories 2. To make them familiar with the advanced theoretical debate in Political Theory & Political Philosophy 3. To relate concepts to daily political practice 4. To bridge gap between theory and practice of Political Science 5. To enhance skill and job potential of students.

UNIT-I

Political Science: Meaning, Nature and Scope,

What is Politics: Can Politics be a Science

Relationship of Political Science with History, Economics, Sociology and Law

Introduction to Indian Knowledge Systems in Political Science

UNIT- 2

Approaches of political science Traditional: Philosophical and Historical

Modern Approaches of political sciences: Behaviorism and Post behaviorism

Republics in Ancient India ,Rise of Ancient Republics

UNIT-III

Political Theory: Meaning, Nature, Features and Relevance.

State: Nature and Elements of state

State: Theories of its Origin: Divine origin theory, Evolutionary theory and social contract theory.

Introduction to Ancient Indian Polity, Forms and Types of Government

UNIT-IV

Perspectives on State: Liberal, Marxist and Gandhian

Welfare State Characteristics and Functions of Welfare State.

Development State: nature and Feature.

Sovereignty: nature and Features, Characteristic and Types of Sovereignty,

Theories of Sovereignty: Monistic and Pluralistic

Arthashastra and the State, State and King Law and Justice

SUGGESTED READINGS:

- Bhargava, R. (2008) 'What is Political Theory', in Bhargava, R and Acharya, A. (eds.) Political Theory: An Introduction. New Delhi: Pearson.
- .Hoveyda Abbas, Ranajay Kumar **Political theory** Pearson Publications
- Longman, Shorten, A. (2008) 'Nation and State', in McKinnon, C. (ed.) Issues in Political Theory, New York: Oxford University Press, pp. 33-55.
- O.P.Gauba (2002), An Introduction to Political Theory, New Delhi, Macmillan..
- Andrew Heywood (2002), Political Theory, New Delhi, Palgrave.
- Chambers, C. (2008) 'Gender', in McKinnon, C. (ed.) Issues in Political Theory. New York: Oxford University Press, pp. 241-288.
- Brighouse, H. (2008) 'Citizenship', in McKinnon, C. (ed.) Issues in Political Theory. New York: Oxford University Press, pp. 241-259.
- J.C.Johari, Principles of Political Science Sterling Publishers, New Delhi.
- A.C.Kapoor Principles of Political Science S. Chand & Company, New Delhi.
- S.P. Verma Political Theory Geetanjali Publishing House, New Delhi
- ❖ Andrew Hacker, Political Theory: Philosophy, Ideology & Science, Surjeet Publication (Indian Edition), 2006.
- ❖ David Beetham, The Legitimation of Power: Issues in Political Theory, Macmillan, 1991.

Literary and Philosophical Traditions of Indian Knowledge Systems -I

Course Code	ENG 161
Course Title	Literary and Philosophical Traditions of Indian Knowledge Systems -I
Type of Course	Theory
L T P	4 1 0
Credits	5
Course pre-requisite	NA
Course Objectives	The students will be able to: 1. To introduce students to the fundamental concepts and scope of Indian Knowledge Systems (IKS) 2. To familiarize students with key aesthetic theories and literary principles in Indian traditions 3. To develop critical understanding of diverse literary genres across major Indian languages 4. To analyze the relationship between literature, philosophy, and cultural practices in Indian contexts 5. To enhance appreciation for the continuity and evolution of Indian literary traditions 6. To develop comparative perspectives on regional literary traditions within the broader Indian framework
Course Outcome	Upon the completion of the course, students will be able to: 1. Demonstrate comprehensive understanding of Indian Knowledge Systems and their literary applications 2. Analyze classical Indian aesthetic theories and their implementation in literary texts 3. Critically examine diverse literary forms including epic poetry, devotional literature, and philosophical treatises 4. Evaluate the role of different Indian languages in preserving and transmitting cultural knowledge 5. Compare and contrast literary traditions across different regions and time periods 6. Apply theoretical frameworks from Indian aesthetics to analyze literary texts

UNIT I

Foundations of Indian Knowledge Systems and Literary Heritage:

- Overview of Indian Knowledge Systems (IKS): Historical development, epistemological frameworks, and cultural continuity
- Transmission methods: Oral traditions (śruti) and written traditions (smṛti)
- Introduction to Indian poetics
- Regional Literary Ecosystems: Understanding the multilingual literary landscape of India
- Periodization and Historical Context: Ancient, medieval, and early modern phases

UNIT II

Epic and Heroic Literature:

- *Mahābhārata* – "Bhagavad Gītā" (Chapter 2, verses 1-25) [Trans. Barbara Stoler Miller (Bantam Classics)]
- *Rāmāyaṇa* – "Sītā's Trial by Fire" (Yuddha Kāṇḍa, selected verses) [Trans. Sheldon Pollock (NYU Press)]

- *Cilappatikāram* – "Kaṇṇaki's Curse" (Canto 25, excerpts) [Trans. R. Parthasarathy (Penguin Classics)]

UNIT III

Devotional and Mystical Literature:

- *Bhagavata Purāṇa* – "Krishna's Childhood" (Book 10, Chapter 8, selected verses) [Trans. Bibek Debroy (Penguin)]
- *Tēvāram* – Appar's hymns (selected verses from Tirumurai) [Trans. Indira Viswanathan Peterson (Princeton)]
- *Gītāgovinda* by Jayadeva – "Rādhā's Lament" (Canto III, selected verses) [Trans. Lee Siegel (Dover Publications)]

UNIT IV

Philosophical and Didactic Literature:

- *Upaniṣads* – Īśāvāsya Upaniṣad (verses 1-8) [Trans. Patrick Olivelle (Oxford World's Classics)]
- *Nītiśataka* by Bhartṛhari – Selected verses on ethics and governance [Trans. Barbara Stoler Miller (Motilal Banarsidass)]

Recommended Books:

Sr No	Author(s)	Title	Publisher
1.	G. N. Devy	Indian Literary Criticism: Theory and Interpretation	Orient BlackSwan
2.	Bandyopadhyaya, N.C	Development of Hindu Polity and Political Theories	Munshiram Manoharlal Publishers Pvt Ltd
3	Basham, A.L	The Wonder that was India	Sidgwick & Jackson
4	Bhardwaj R., Kala C	Tribes of India: Realities and Representations	Vitasta Publishing Private Limited; First Edition
5	Buddha Prakash	India and the World	Vishveshvaranand Vedic Research Institute
6	Chandra, S	History of Medieval India: Part 1	Har-Anand Publications Pvt Ltd.
7	Chandra, S	History of Medieval India: Part 2	Har-Anand Publications Pvt Ltd.
8	Chandra, S	India's Struggle for Independence	Penguin Random House India

9	Wendy Doniger O'Flaherty	Textual Sources for the Study of Hinduism	University of Chicago Press
10	S. Jha	History of Indian Literature (3 volumes)	Motilal Banarsidass Publishers
11	Kapila Vatsyayan	The Square and the Circle of Indian Arts	Abhinav Publications
12	A.K. Ramanujan	The Interior Landscape: Classical Tamil Love Poetry	Oxford University Press
13	Sheldon Pollock	The Language of the Gods in the World of Men	University of California Press
14	Vasudha Narayanan	The Vernacular Veda: Revelation, Recitation, and Ritual	University of South Carolina Press
15	David Shulman	More Than Real: A History of the Imagination in South India	Harvard University Press

PHYSICAL EDUCATION-I (THEORY)

Course Code	PED167
Course Title	Physical Education-I (Theory)
Type of Course	Theory
L T P	3:1:0
Course Objectives	1. Gain knowledge about Body Types. 2. Understand the development of Physical Education in India. 3. They will be able to understand about Olympic Games, Commonwealth Games & Asian Games.
Course Outcomes	After the completion of the course, students will be able to: 1. Understand the various theories of Physical Education. 2. Explain the aims and objectives of Physical Education. 3. Understand the Biological principles.

UNIT-I

Definition of the terms: Education, Physical Education, Physical Training and Coaching.

Aims and objectives of Physical Education, Relationship of Education and Physical Education.

UNIT-II

Biological Principles: Growth and Development, Age and sex differences

Effects of heredity and environment on growth and development.

Chronological age, physiological age, Anatomical age and Mental age.

Body types.

UNIT-III

Development of Physical Education and Sports in India. Pre–Independence, Post Independence

Sports Schemes in India, N.S.N.I.S., Sports Authority of India, Punjab Sports Department,

Punjab State Sports Council.

UNIT-IV

Olympic Games: Ancient Olympics, Modern Olympics. Commonwealth Games and Asian Games.

Text-Books:

S. No.	Author(S)	Year	Title	Publisher
1	R.D. Kansal	2015	Physical Education and Sports	Kalyani Publishers Ludhiana

Reference Books:

S. No.	Author(S)	Year	Title	Publisher
1	Reverse, R.S	1978	Foundations of Physical Education Houghton Mifflin Co. Boston	Louis C.V. Mosby. C.
2	Bucher, C.S.	1968	Foundations of Physical Education	New York, Harper & Row
3	Singh Kanwaljeet and Singh Inderjeet	2000	Sports Sociology	Friends Publication, New Delhi, 2000.
4	Eraz Ahmad Khan	1996	History of Physical Education	Scientific Book Co., Patna-4, Latest Ed.
5	Singh Ajmer and Gill Jagtar	2004	Essentials of Physical Education and Olympic Movement	Kalyani Publishers, Ludhiana, 2004

MUSIC VOCAL -I (THEORY)

Course Code	MUC161
Course Title	Music Vocal-I (Theory)
Type of course	Theory
L T P	2: 1:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	1. The students will be able to develop right understanding for music. 2. The students will be able to realize the significance of music.
Course Outcomes	The students will be able to understand the need, content and process and basic guidelines of music.

UNIT-I

Definationof: Sangeet, Swar, That,Naad, Lai, Taal, Murki, Khatka, Rag

UNIT-II

Contribution of Guru Nanak Dev ji to Indian Music

UNIT-III

Historical development of Tanpura and Harmonium

Historical development of Gurmatsangeet.

UNIT-IV

Life sketch and contribution of: Bade Gulam Ali Khan, Tansen, FayazKhan

Historical development of Modern period.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Dr.Arun Mishra	BhartiaKanthSangeet	AvamVadyaSangeetKanishka Publishers, New Delhi
2	Pt. Debu	On Indian Music	Howdery Roshan Press
3	Dr. Davinder Kaur	SangeetRoop	AP Publishers, Jalandhar
4	Prof. S. D. Dhawan	SangeetSikhiya	AP Publishers, Jalandhar
5	Hathras	SangeetVisharad	AP Publishers, Jalandhar

Indian Knowledge System through Micro Economics

Course Code	ECO161
Course Title	Indian Knowledge System through Micro Economics
Type of Course	Major /Theory
LTP	4:1:0
Credits	5
Course Pre-requisite	NA
Course Objective	1. The course is designed to provide a sound training in micro economic theory. Mathematical tools are used to facilitate understanding of the basic concepts. 2. This course looks at the behaviour of the consumer and the producer and covers the behaviour of a competitive firm.
Course Outcomes	1. Upon completion of Microeconomics, students should be able to: Analyse about Traditional and Modern Definitions of economics. 2. Perform supply and demand analysis to analyse the impact of economic events on Markets, 3. Analyse the behaviour of consumers in terms of the demand for products, Evaluate the nature and scope of economics. 4. To grasp knowledge regarding role of supply and demand.

SECTION-A

Indian Knowledge System: Pre-independence Indian Economic thought Kautilya's Arthashastra: The economic functions of the state, Taxation and pricing policy, The land system.

Indian Economic thought towards independence : Gandhian economics: Methodological issues, Consumption behaviour: the limitation of wants, Swadeshi; Trusteeship and industrial relations; Charity, leisure and the sanctity of work

Subject matter of Economics : Meaning & Demand Analysis: Meaning and Scope of Economics; Definition of Economics (Adam Smith, Marshall and Robbins). Theory of Demand and Consumer Behaviour: Utility Analysis and Indifference Curve Analysis; Consumer's Surplus and its measurement; Elasticity of Demand and its measurement.

SECTION-B

Theory of Production & Revenue: Concept and types of Production Function, Laws of Returns to Scale and Law of Variable Proportions; Cost Concepts and Cost Curves in the Short and the Long Periods. **Concepts of Revenue:** Marginal Revenue, Average Revenue and Total Revenue and their Mutual Relationship. Average and Marginal Revenue Curves under Different Market Forms.

SECTION-C

Market Equilibrium: Price and Output Determination of the Firm and Industry under Perfect Competition, Monopoly and Monopolistic Competition in the short and long run.

SECTION-D

Theory of Distribution: Functional versus Personal Distribution, Marginal Productivity Theory of distribution. Rent: Ricardian and Modern theories of rent. Wages: Demand for Labour and Supply of Labour, Subsistence Theory, Causes of Wage Differentials, Nominal and Real wages. Interest: Classical and Loanable Funds. Theory of Interest; Profit: Risk and Uncertainty Theories

Text and Reference books

S.NO.	Author(S)	Title	Publisher
1.	R.G.Lipsey	Introduction to Positive Economics	ELBS, London
2.	Stonier & Hague	A Text Book of Economics Theory	ELBS, London
3.	N.C.Ray	Microeconomic Theory	Macmillan, Delhi
4	Koutsoyiannis	Modern Microeconomics	Macmillan Press, London
5	Varian, H	Microeconomic Analysis	W.W. Norton, New York
6.	Kautilya & Shamasastri, R. (1967)	Kautilya's Arthashastra	: Mysore Publishing and Printing House
7	Dasgupta, A.K. (1996)	Gandhi's Economic Thought. (n.p.):	: Taylor & Francis.

Mathematics-I

Course Code	MAT161
Course Title	Mathematics-I (Calculus)
Type of course	DSC
L T P	40 0
Course Objective (CO)	The main goal of this course is to deliver the basics of sequences and series; differential and integral calculus, for real as well as multivariate functions.
Course Outcomes(CO)	At the end of the course, the students will be: 1. Equipped with the basics of differential calculus 2. Acquainted with the fundamentals of integral calculus 3. Conversant with the essentials of the infinite sequence and series 4. Up-to-date with the concepts of polar co-ordinates and multivariate functions 5. Able write proofs, particularly for Unit I and Unit III, rather than applying formulas only.

UNIT-I

Differential Calculus: Precise definition of limit, continuity, one-sided limit, limits involving infinity, asymptotes of graphs, tangents and the derivative at a point, the derivative of a function, extreme values of functions, mean value theorem, monotone functions and the first derivative test, test for concavity, tracing of curves.

UNIT-II

Infinite sequences and Series: Sequences, infinite series, the integral test, comparison test, the root and ratio test, Gauss test, alternating series, absolute and conditional convergence, power series, Taylor and Maclaurin series, Power series, convergence of Taylor series.

UNIT-III

Polar Coordinates: Polar Coordinates, graphing in Polar coordinates, areas and lengths in Polar coordinates.

UNIT-IV

Multivariable Functions: Limits and continuity for functions of several variables, partial derivatives, the chain rule, directional derivatives, gradient vectors, tangent planes, extreme values and saddle points.

Text Books and References:

S. No.	Name	Author(S)	Publisher
1	Integral Calculus	S.Narayan	S.Chand and Company Ltd.
2	Calculus (3 rd ed.)	M.J.Strauss, G.L.Bradley and K.J.Smith	Pearson Education, 2007
3	Calculus (7 th ed.)	H.Anton, I.Bivens and S. Davis	John Wiley and Sons, 2002
4	Introduction to Calculus and Analysis (Volumes I & II)	R.Courant and F. John	Springer-Verlag, Inc., 1989
5.	Foundations of Analysis, American	J.L. Taylor	Mathematical Society, 2012
6.	Calculus, (12 ^{ed} .)	G. B. Thomas, M. D. Weir and J. R. Hass, Thomas	Pearson Education, 2014

Geomorphology

Course Code	GEO161
Course Title	Geomorphology
Type of Course	Theory
L T P	4 0 0
Credits	4
Course Objectives (CO)	The objective of this paper is to introduce the basic concepts in the physical geography, essentially geomorphology to the students of geography in a brief but adequate manner.
Course Outcomes	Student will be able to: 1. Acquire an understanding and appreciation for the role that geography can play in community engagement. 2. Have a understanding of physical geographic processes, the global distribution of landforms and ecosystems and the role of the physical environment on human populations.

UNIT-I

Geography: Definition, place of physical geography within the discipline of geography, division of physical geography–geomorphology, climatology, oceanography.

Theories of the Origin of the Earth: Kant, Laplace and Jeans & Jeffreys.

Interior of the Earth: Constitution, structure and composition, continental drift (with special reference to Wegener's theory and Plate Tectonics).

Discuss the **cosmological ideas from ancient Indian texts** (e.g., *Surya Siddhanta*, *Rigveda*) regarding the origin of the Earth and universe.

UNIT-II

Movements of the Earth: Orogenic, epeirogenic movements Landforms resulting from forces of compression and tension: folding and faulting Earthquakes and Volcanoes (causes, types and distribution)

Role of sacred landscapes and mythological geography (Himalayas, Ganga basin, Vindhyas, etc.)

UNIT-III

Rocks: Their origin, classification and characteristics.

Major Landforms: Mountains, plateaus and plains in the world.

Geomorphic Agents: Geomorphic processes (weathering and erosion).

UNIT-IV

Geomorphological Landscapes: Fluvial, glacial, aeolian, coastal, Karst.

Applied Geomorphology: Applications to transport and land use.

Indigenous knowledge of managing fluvial and coastal environments (e.g., step wells in Gujarat, traditional riverbank farming systems in Eastern India).

Books Recommended:-

1. Chawla, I.N.: Bhautik Bhugol (in Punjabi), Bharat Prakashan, Jalandhar.
2. Dayal, P.: A Text Book of Geomorphology, Rajesh Publications New Delhi, 2007.
3. Dury, G.H.: The Face of the Earth Penguin, Middlesex, England, 1977.
4. Gass, I.G.: Understanding the Earth, The Artemrs Press, Sussex, 1973.
5. Holmes Arthur: Principles of Physical Geology, Thomas Nelson & Sons, Ltd., New York, Latest Edition, 1993.
6. Kale, V. and Gupta A.: Elements of Geomorphology, Oxford University Press, Calcutta, 2001.
7. Kaur Dhian: The Earth, Edited by R.C. Chandna, Kalyani Publishers, Ludhiana, Delhi,
8. 2000.
9. Kaur,S., Teja, G.S. and Singh, R. (2023).Fundamentals of Geomorphology. SLMPublication, Patiala.
10. Kaur, S., Teja, G.S. and Singh, R. (2023). Bhu-Vigyan De Bunyadi Tatt. SLMPublication, Patiala.
11. Nizamuddin: An Introduction to Physical Geography, Concept, New Delhi, 2002.
12. Mamoria, C.P. and Niati, J.L.: Bhautik Bhugol Ke Tatwa (in Hindi)Agra, 1976.
13. Monkhouse, F.J.: Principles of Physical Geography, Orient Longman, New Delhi, Latest
14. Edition, 1975.
15. R.N. Tikha: Physical Geography, New Academic Publishing Co., Jalandhar.
16. Singh, Pritam & Bhatia S., Bhautik Bhugol De Adhaar, Punjabi University Publication,
17. Patiala.
18. Singh, Savinder : Physical Geography, Pravalika Publications, Allahabad, 2015.
19. Sparks, B.W.: Geomorphology, Longman, London, 1986.
20. Strahler, A.N. & Strahler A.H.: Modern Physical Geography, John Wiley, New York,
21. 1992.
22. Thornbury, W.D.: Principles of Geomorphology, Second Edition, Wiley Eastern Ltd.,
23. New Delhi, 1993.
24. Singh Malkiat : Principles of Physical Geography, Rasmeet Parkashan, Jalandhar, 2005, Reprint 2015.

MUSIC (VOCAL)-I (PRACTICAL)

Course Code	MUC163
Course Title	Music Vocal-I(Practical)
Type of course	Practical
L T P	0:0:4
Credits	2
Course prerequisite	NA
Course Objectives (CO)	The students will be able to understand the need, content and process and basic guidelines of music. The students will be able to develop right understanding for music. The students will be able to realize the significance of music.

List of Practical

- I. Bageshri, Darbari Kanada, Dhanyasi, Kafi
- II. Talas: ektal, rupak, talwara
- III. One shabad
- IV. One folk song
- V. One Gazal
- VI. One tarana of any ragas
- VII. Sing with tanpura
- VIII. Knowledge of one vilamvatkiyal

Text and Reference books:

S. No.	Author(S)	Title	Publisher
1	Devinderkaur	Sangeetroop	AvamVadyaSangeetKanishka Publishers, New Delhi
2	Shanti goverdhan	Sangeetdarpan	Howdery Roshan Press

PHYSICAL EDUCATION-I (PRACTICAL)

Course Code	PED169
Course Title	Physical Education-I (Practical)
Type of Course	Practical
L T P	0 :0:2
Credits	0:0:1
Course pre-requisite	NA

- I. Practical (External) Marks: 40
- II. Division of Marks: Athletics (12) + Games (12) +Ground Markings (3+3),
- III. Practical Note Book (5), Viva–Voce (5)
- IV. Athletics Performance ————— 100M, Shot–put for Boys
- V. 100M, Shot–put for Girls
- VI. Games (Boys & Girls) ——— Fundamentals, Rules, Performance
- VII. Volleyball
- VIII. Cricket

CARTOGRAPHY–I(Practical)

Course Code	GEO163
Course Title	CARTOGRAPHY–I(Practical)
Type of Course	Theory
L T P	1 0 0
Credits	1
Course Requisites	10+2
Course Objectives (CO)	1. To introduce the concept of maps and relevance of maps in Geography. 2. To explain the elements of Map (Scale and Orientation) and steps in Map making. 3. To introduce relief representation.
Course Outcomes	CO1: Students will learn about the history of cartography. CO2: Students will learn about the geometry of earth and the types of scales. CO3: Students will understand the methods of relief representation.

UNIT I

History of cartography and types of maps.

Geometry of the earth (Latitudes and Longitudes International Date Line, Time Zones)

UNIT II

Scales: Types of scales, Construction of Plain scale. Diagonal scale, Comparative scales and Time scales

UNIT III

Methods of showing relief: Hachure's, Hill-shading, Contours and Layers tints. Directions: Plotting of course, True north, Magnetic north, finding true north with the pole star, a watch and a rod.

UNIT IV

Chain and Tape survey: Triangulation, sketch and open traverse.

Recommended Books:-

Essential Readings:

1. Khullar, D.R.: Essentials of Practical Geography, New Academic Publishing Co., Mai Hiran Gate, Jalandhar, 2016.
2. Singh, Gopal: Mapwork and Practical Geography, Vikas Publishing House, Pvt. Ltd., New Delhi, 1995.
3. Singh L.R. & Singh, Raghunandan: Mapwork and Practical Geography, Central Book Depot, Allahabad, 1993.
4. Phyllis Dink: Mapwork, Atma Ram & Sons, 1991.

Further Readings:

1. Mishra, R.P. & Ramesh, A.: Fundamental of Cartography, Concept Publishing Co., New Delhi, 1989.
2. Monkhouse, F.J. & Wilkinson, H.R.: Maps and Diagrams, Methuen & Co., London, Third Edition, 1976.
3. Robinson, A.H. & Randall, D. Sale: Elements of Cartography, John Wiley & Sons, New York, (Sixth Edition), 1995.

MINORS

1st Semester

History of India from the Earliest Times up to C 300

Course Code	HIS163
Course Title	History of India from the Earliest Times up to C 300
Type of Course	Theory (Core Course)
L T P	4 0 0
Credits	4
Course Pre-requisite	Nil
Course Objectives (CO)	3. Building upon a prior basic knowledge of the history of ancient India, this course introduces the student to the major currents in the study of that history. 4. It focusses on the political processes that underlay the structures of the state and society but also takes the student into the details of social and cultural history.
Course Outcomes	The students are able to understand historical interpretation. 4. Developed historical research skills like Critical Thinking, Verbal Literacy 5. Now the students are able to communicate historical knowledge in written and oral forms (Critical Thinking, Verbal Literacy). 6. They introduced with important historical places of Ancient India on map.

UNIT-I

Major Sources of Ancient

History: Literary Sources, Archaeological findings, Coins, Inscriptions and travel accounts.

UNIT-II

The Indus Civilization: Origin and extent; Town-

planning; Social and Economic Life, Religion; Causes of disintegration.

UNIT-III

Vedic Age: Political and Economic Life, Social and Religious Life.

The rise of Magadha as a powerful State

UNIT-IV

Jainism and Buddhism: Spread and Decline.

Central and Provincial Administration under Mauryas ; Ashoka's Dhamma.

Map: (a) Map on important historical places: Taxila, Indraprastha, Kannauj, Patliputra, Ujjain, Bodhgaya, Varanasi, Sopara, Ajanta, Ellora, Sanchi, Tanjor, Kanchipuram, Lothal, Nalanda, Hastinapur, Kalibangan, Harrappa, Kalinga, Arikamedu, Shravanbelgola.

Text Books and References:

S.No.	Author(S)	Year	Title	Publisher
1	A.C.Arora&S.L.Sikri,	2009	BharatiItihasDaPrachin Kal (Punjabi&Hindi)	KalyaniPublishers,Ludhia na
2	Romila, Thapar	2002	<i>The Penguin History of Early India from the Origins to AD 1300</i>	Penguin Books

Fundamental of Physical Education-I (Theory))

Course Code	PED171
Course Title	Fundamental of Physical Education-I (Theory)
Type of Course	Theory
L T P	3:0:0
Course Objectives	4. Gain knowledge about Body Types. 5. Understand the development of Physical Education in India. 6. They will be able to understand about Olympic Games, Commonwealth Games & Asian Games.
Course Outcomes	After the completion of the course, students will be able to: 4. Understand the various theories of Physical Education. 5. Explain the aims and objectives of Physical Education. 6. Understand the Biological principles.

UNIT-I

Definition of the terms: Education, Physical Education, Physical Training and Coaching.

Aims and objectives of Physical Education, Relationship of Education and Physical Education.

UNIT-II

Biological Principles: Growth and Development, Age and sex differences

Effects of heredity and environment on growth and development.

Chronological age, physiological age, Anatomical age and Mental age.

Body types.

UNIT-III

Development of Physical Education and Sports in India. Pre-Independence, Post Independence

Sports Schemes in India, N.S.N.I.S., Sports Authority of India, Punjab Sports Department,

Punjab State Sports Council.

UNIT-IV

Olympic Games: Ancient Olympics, Modern Olympics. Commonwealth Games and Asian Games.

Text-Books:

S. No.	Author(S)	Year	Title	Publisher
1	R.D. Kansal	2015	Physical Education and Sports	Kalyani Publishers Ludhiana

Reference Books:

S. No.	Author(S)	Year	Title	Publisher
1	Reverse, R.S	1978	Foundations of Physical Education Houghton Mifflin Co. Boston	Louis C.V. Mosby. C.
2	Bucher, C.S.	1968	Foundations of Physical Education	New York, Harper & Row
3	Singh Kanwaljeet and Singh Inderjeet	2000	Sports Sociology	Friends Publication, New Delhi, 2000.
4	Eraz Ahmad Khan	1996	History of Physical Education	Scientific Book Co., Patna-4, Latest Ed.
5	Singh Ajmer and Gill Jagtar	2004	Essentials of Physical Education and Olympic Movement	Kalyani Publishers, Ludhiana, 2004

Indian Epics, Mysticism, and Philosophy through the Ages-I I

Course Code	ENG163
Course Title	Indian Epics, Mysticism, and Philosophy through the Ages-I
Type of Course	Theory
L T P	4 0 0
Credits	4
Course pre-requisite	NA
Course Objectives	The students will be able to: 7. To introduce students to the fundamental concepts and scope of Indian Knowledge Systems (IKS) 8. To familiarize students with key aesthetic theories and literary principles in Indian traditions 9. To develop critical understanding of diverse literary genres across major Indian languages 10. To analyze the relationship between literature, philosophy, and cultural practices in Indian contexts 11. To enhance appreciation for the continuity and evolution of Indian literary traditions 12. To develop comparative perspectives on regional literary traditions within the broader Indian framework
Course Outcome	Upon the completion of the course, students will be able to: 7. Demonstrate comprehensive understanding of Indian Knowledge Systems and their literary applications 8. Analyze classical Indian aesthetic theories and their implementation in literary texts 9. Critically examine diverse literary forms including epic poetry, devotional literature, and philosophical treatises 10. Evaluate the role of different Indian languages in preserving and transmitting cultural knowledge 11. Compare and contrast literary traditions across different regions and time periods 12. Apply theoretical frameworks from Indian aesthetics to analyze literary texts

UNIT I

Foundations of Indian Knowledge Systems and Literary Heritage:

- Overview of Indian Knowledge Systems (IKS): Historical development, epistemological frameworks, and cultural continuity
- Transmission methods: Oral traditions (śruti) and written traditions (smṛti)
- Introduction to Indian poetic

UNIT II

Epic and Heroic Literature:

- *Mahābhārata* – "Bhagavad Gītā" (Chapter 2, verses 1-25) [Trans. Barbara Stoler Miller (Bantam Classics)]
- *Rāmāyaṇa* – "Sītā's Trial by Fire" (Yuddha Kāṇḍa, selected verses) [Trans. Sheldon Pollock (NYU Press)]

UNIT III

Devotional and Mystical Literature:

- *Bhagavata Purāṇa* – "Krishna's Childhood" (Book 10, Chapter 8, selected verses) [Trans. Bibek Debroy (Penguin)]
- *Tēvāram* – Appar's hymns (selected verses from Tirumurai) [Trans. Indira Viswanathan Peterson (Princeton)]

UNIT IV

Philosophical and Didactic Literature:

- *Upaniṣads* – Īśāvāsya Upaniṣad (verses 1-8) [Trans. Patrick Olivelle (Oxford World's Classics)]
- *Nītiśataka* by Bhartṛhari – Selected verses on ethics and governance [Trans. Barbara Stoler Miller (Motilal Banarsidass)]

Recommended Books:

Sr No	Author(s)	Title	Publisher
1.	G. N. Devy	Indian Literary Criticism: Theory and Interpretation	Orient BlackSwan
2.	Bandyopadhyaya, N.C	Development of Hindu Polity and Political Theories	Munshiram Manoharlal Publishers Pvt Ltd
3	Basham, A.L	The Wonder that was India	Sidgwick & Jackson
4	Bhardwaj R., Kala C	Tribes of India: Realities and Representations	Vitasta Publishing Private Limited; First Edition
5	Buddha Prakash	India and the World	Vishveshvaranand Vedic Research Institute
6	Chandra, S	History of Medieval India: Part 1	Har-Anand Publications Pvt Ltd.
7	Chandra, S	History of Medieval India: Part 2	Har-Anand Publications Pvt Ltd.
8	Chandra, S	India's Struggle for Independence	Penguin Random House India
9	Wendy Doniger O'Flaherty	Textual Sources for the Study of Hinduism	University of Chicago Press
10	S. Jha	History of Indian Literature (3 volumes)	Motilal Banarsidass Publishers
11	Kapila Vatsyayan	The Square and the Circle of Indian Arts	Abhinav Publications
12	A.K. Ramanujan	The Interior Landscape: Classical Tamil Love Poetry	Oxford University Press
13	Sheldon Pollock	The Language of the Gods in the World of Men	University of California Press
14	Vasudha Narayanan	The Vernacular Veda: Revelation, Recitation, and Ritual	University of South Carolina Press
15	David Shulman	More Than Real: A History of the Imagination in South India	Harvard University Press

ਸਾਹਿਤ ਸਿਧਾਂਤ-I

Course Code	PBI163
Course Title	ਸਾਹਿਤ ਸਿਧਾਂਤ-I
Type of Course	Theory
L T P	4:0:0
Credits	4
Course Objectives	1. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਗਿਆਨ ਦੀ ਸਾਹਿਤ ਪ੍ਰੰਪਰਾ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਦੇ ਵੱਖ-ਵੱਖ ਸਕੂਲਾਂ ਨੂੰ ਸਮਝਣਯੋਗ ਹੋ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਭਾਰਤੀ ਕਾਵਿ ਸਿਧਾਂਤਾਂ ਰਾਹੀਂ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ।

ਭਾਗ-ੳ

ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ: ਮੁੱਢਲੇ ਸੰਕਲਪ

ਕਾਵਿ ਸ਼ਾਸਤਰ: ਪਰਿਭਾਸ਼ਾ, ਮਹੱਤਵ ਅਤੇ ਇਤਿਹਾਸਕ ਪਿਛੋਕੜ

ਕਾਵਿ ਦੀ ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਪ੍ਰਯੋਜਨ

ਭਾਗ-ਅ

ਰਸ ਸੰਕਲਪ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਰਸ ਸੂਤਰ

ਸਥਾਈ ਭਾਵ, ਵਿਭਾਵ, ਅਨੁਭਾਵ ਅਤੇ ਸੰਚਾਰੀ ਭਾਵ

ਰਸਾਂ ਦੀਆਂ ਕਿਸਮਾਂ ਅਤੇ ਉਨ੍ਹਾਂ ਦਾ ਸਰੂਪ

ਭਾਗ-ੲ

ਅਲੰਕਾਰ ਸੰਪਰਦਾਇ

ਅਲੰਕਾਰ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਮਹੱਤਵ

ਅਲੰਕਾਰ ਸੰਪਰਦਾਇ ਦਾ ਵਰਗੀਕਰਨ

ਭਾਗ-ਸ

ਰੀਤੀ ਸੰਪਰਦਾਇ:

ਰੀਤੀ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਮਹੱਤਵ

ਰੀਤੀ ਸਿਧਾਂਤ: ਲੱਛਣ, ਸਰੂਪ ਅਤੇ ਆਧਾਰ

ਪਾਠ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਫੁਸਤਕ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ	(2010) ਮਦਾਨ ਪਬਲੀਕੇਸ਼ਨ ਪਟਿਆਲਾ
ਜੱਗੀ, ਗੁਰਸ਼ਰਨ ਕੌਰ	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ	(2008) ਆਰਸੀ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ
ਸ਼ਾਸਤਰੀ, ਰਜਿੰਦਰ ਸਿੰਘ (ਟ੍ਰਾਂਸ.)	ਕਾਵਿ-ਪ੍ਰਕਾਸ਼	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ

INDIAN MUSIC Vocal -I (THEORY)

Course Code	MUC165
Course Title	Indian Music Vocal-I (Theory)
Type of course	Theory
L T P	2:0:0
Credits	2
Course prerequisite	NA
Course Objectives (CO)	1. The students will be able to develop right understanding for music. 2. The students will be able to realize the significance of music.
Course Outcomes	The students will be able to understand the need, content and process and basic guidelines of music.

UNIT-I

Definationof: Sangeet, Swar, That,Naad, Lai, Taal, Murki, Khatka, Rag

UNIT-II

Contribution of Guru Nanak Dev ji to Indian Music

UNIT-III

Historical development of Tanpura and Harmonium

Historical development of Gurmatsangeet.

UNIT-IV

Life sketch and contribution of: Bade Gulam Ali Khan, Tansen, FayazKhan

Historical development of Modern period.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Dr.Arun Mishra	BhartiaKanthSangeet	AvamVadyaSangeetKanishka Publishers, New Delhi
2	Pt. Debu	On Indian Music	Howdery Roshan Press
3	Dr. Davinder Kaur	SangeetRoop	AP Publishers, Jalandhar
4	Prof. S. D. Dhawan	SangeetSikhiya	AP Publishers, Jalandhar
5	Hathras	SangeetVisharad	AP Publishers, Jalandhar

Micro Economics

Course Code	ECO163
Course Title	Micro Economics
Type of Course	Minor /Theory
LTP	4:0:0
Credits	4
Course Pre-requisite	NA
Course Objective	1. The course is designed to provide a sound training in micro economic theory. Mathematical tools are used to facilitate understanding of the basic concepts. 2. This course looks at the behaviour of the consumer and the producer and covers the behaviour of a competitive firm.
Course Outcomes	1. Upon completion of Microeconomics, students should be able to: Analyse about Traditional and Modern Definitions of economics. 2. Perform supply and demand analysis to analyse the impact of economic events on Markets, 3. Analyse the behaviour of consumers in terms of the demand for products, Evaluate the nature and scope of economics. 4. To grasp knowledge regarding role of supply and demand.

UNIT-I

Exploring the subject matter of Economics. Why Study Economics? Meaning, Nature, Scope and Method of Economics; The Economic Problem: Scarcity, Choice and Opportunity Cost; The question of what to produce, how to produce and how to distribute output. Theory of Demand and Elasticity of Demand: Concept, Types Measurement, Determinants and Importance.

UNIT-II

Theory of consumer behaviour: Cardinal Utility Analysis. Ordinal Utility Analysis: Indifference Curve Analysis; Properties of Indifference Curves; Budget Constraint, Consumer's Optimum Choice; Consumption and Income/Price Changes; Price, Income and Substitution Effects. Consumer's Surplus and its Measurement.

UNIT-III

Theory of Production: Production function, Law of variable proportions, Iso-quants and Iso-cost Lines, Returns to Scale, Producers Equilibrium and Expansion Path, Economies and Diseconomies of Scale. Cost Analysis: Concepts of Cost, Cost in Short Run and Long Run (Traditional Theory).

UNIT-IV

Law of Supply: Concept, Determinants and Importance, Measurement of Elasticity of Supply, Market Equilibrium; Excess Demand, Excess Supply and Changes in Equilibrium Revenue: Concept of Revenue, Total, Average and Marginal Revenue, Relationship between Marginal Revenue, Average Revenue and Elasticity of Demand. Break-even Analysis and its uses.

Text and Reference books

S.NO.	Author(S)	Title	Publisher
1.	R.G.Lipsey	Introduction to Positive Economics	ELBS, London
2.	Stonier & Hague	A Text Book of Economics Theory	ELBS, London
3.	N.C.Ray	Microeconomic Theory	Macmillan, Delhi
4	Koutsoyiannis	Modern Microeconomics	Macmillan Press, London
5	Varian, H	Microeconomic Analysis	W.W. Norton, New York
6.	Kautilya. & Shamastry, R. (1967)	Kautilya's Arthashastra	: Mysore Publishing and Printing House
7	Dasgupta, A.K. (1996)	Gandhi's Economic Thought. (n.p.):	: Taylor & Francis.

Physical Geography-I

Course Code	GEO165
Course Title	Physical Geography-I
Type of Course	Theory
L T P	4 0 0
Credits	4
Course Objectives (CO)	To provide a foundational understanding of Earth's physical features and the processes shaping them, with a focus on structural, dynamic, and applied aspects of geomorphology.
Course Outcomes	Student will be able to: CO1: Understand the basic structure and dynamic processes of the Earth, including movements, landform development, and the role of geomorphic agents in shaping the physical landscape. CO2: Apply foundational geomorphological concepts to interpret major landforms and understand their relevance in practical fields like transport, land use, and environmental planning.

UNIT-I

Introduction to Physical Geography & Earth's Origin

- Meaning and scope of Physical Geography
- Branches: Geomorphology, Climatology, Oceanography
- Origin of the Earth: Theories by Kant, Laplace, and Jeans & Jeffreys
- Structure and composition of the Earth
- Continental Drift and Plate Tectonics (Wegener's theory)

UNIT-II

Earth Movements and Structural Features

- Earth movements: Orogenic and Epeirogenic
- Landforms from folding and faulting
- Earthquakes and volcanoes: causes, types, and global distribution

UNIT-III

Rocks and Major Landforms

- Rocks: origin, types, and basic features
- Major landforms: mountains, plateaus, plains (global perspective)
- Weathering and erosion as geomorphic processes

UNIT-IV

Geomorphic Landscapes and Applications

- Landscape formation: Fluvial, Glacial, Aeolian, Coastal, Karst
- Relevance of geomorphology in land use and transport planning

Books Recommended:-

1. Chawla, I.N.: Bhautik Bhugol (in Punjabi), Bharat Prakashan, Jalandhar.
2. Dayal, P.: A Text Book of Geomorphology, Rajesh Publications New Delhi, 2007.
3. Dury, G.H.: The Face of the Earth Penguin, Middlesex, England, 1977.
4. Gass, I.G.: Understanding the Earth, The Artemrs Press, Sussex, 1973.
5. Holmes Arthur: Principles of Physical Geology, Thomas Nelson & Sons, Ltd., New York, Latest Edition, 1993.
6. Kale, V. and Gupta A.: Elements of Geomorphology, Oxford University Press, Calcutta, 2001.
7. Kaur Dhian: The Earth, Edited by R.C. Chandna, Kalyani Publishers, Ludhiana, Delhi,
8. 2000.
9. Kaur,S., Teja, G.S. and Singh, R. (2023).Fundamentals of Geomorphology. SLMPublication, Patiala.
10. Kaur, S., Teja, G.S. and Singh, R. (2023). Bhu-Vigyan De Bunyadi Tatt. SLMPublication, Patiala.
11. Nizamuddin: An Introduction to Physical Geography, Concept, New Delhi, 2002.
12. Mamoria, C.P. and Niati, J.L.: Bhautik Bhugol Ke Tatwa (in Hindi)Agra, 1976.
13. Monkhouse, F.J.: Principles of Physical Geography, Orient Longman, New Delhi, Latest
14. Edition, 1975.
15. R.N. Tikha: Physical Geography, New Academic Publishing Co., Jalandhar.
16. Singh, Pritam & Bhatia S., Bhautik Bhugol De Adhaar, Punjabi University Publication,
17. Patiala.
18. Singh, Savinder : Physical Geography, Pravalika Publications, Allahabad, 2015.
19. Sparks, B.W.: Geomorphology, Longman, London, 1986.
20. Strahler, A.N. & Strahler A.H.: Modern Physical Geography, John Wiley, New York,
21. 1992.
22. Thornbury, W.D.: Principles of Geomorphology, Second Edition, Wiley Eastern Ltd.,
23. New Delhi, 1993.
24. Singh Malkiat : Principles of Physical Geography, Rasmeet Parkashan, Jalandhar, 2005, Reprint 2015.

Fundamental of Physical Education-I (Practical)

Course Code	PED173
Course Title	Fundamental of Physical Education-I (Practical)
Type of Course	Practical
L T P	0 :0:2
Credits	0:0:1
Course pre-requisite	NA

- I. Practical (External) Marks: 40
- II. Division of Marks: Athletics (12) + Games (12) +Ground Markings (3+3),
- III. Practical Note Book (5), Viva–Voce (5)
- IV. Athletics Performance ————— 100M, Shot–put for Boys
- V. 100M, Shot–put for Girls
- VI. Games (Boys & Girls) ——— Fundamentals, Rules, Performance
- VII. Volleyball
- VIII. Cricket

Fundamental of Physical Education-I (Practical)

Course Code	PED173
Course Title	Fundamental of Physical Education-I (Practical)
Type of Course	Practical
L T P	0 :0:2
Credits	0:0:1
Course pre-requisite	NA

- IX. Practical (External) Marks: 40
- X. Division of Marks: Athletics (12) + Games (12) +Ground Markings (3+3),
- XI. Practical Note Book (5), Viva–Voce (5)
- XII. Athletics Performance ————— 100M, Shot–put for Boys
- XIII. 100M, Shot–put for Girls
- XIV. Games (Boys & Girls) ——— Fundamentals, Rules, Performance
- XV. Volleyball
- XVI. Cricket

CARTOGRAPHY–I(Practical)

Course Code	GEO167
Course Title	CARTOGRAPHY–I(Practical)
Type of Course	Theory
L T P	1 0 0
Credits	1
Course Requisites	10+2
Course Objectives (CO)	1. To introduce the concept of maps and relevance of maps in Geography. 2. To explain the elements of Map (Scale and Orientation) and steps in Map making. 3. To introduce relief representation.
Course Outcomes	CO1: Students will learn about the history of cartography. CO2: Students will learn about the geometry of earth and the types of scales. CO3: Students will understand the methods of relief representation.

UNIT I

History of cartography and types of maps.

Geometry of the earth (Latitudes and Longitudes International Date Line, Time Zones)

UNIT II

Scales: Types of scales, Construction of Plain scale. Diagonal scale, Comparative scales and Time scales

UNIT III

Methods of showing relief: Hachure's, Hill-shading, Contours and Layers tints. Directions: Plotting of course, True north, Magnetic north, finding true north with the pole star, a watch and a rod.

UNIT IV

Chain and Tape survey: Triangulation, sketch and open traverse.

Recommended Books:-

Essential Readings:

5. Khullar, D.R.: Essentials of Practical Geography, New Academic Publishing Co., Mai Hiran Gate, Jalandhar, 2016.
6. Singh, Gopal: Mapwork and Practical Geography, Vikas Publishing House, Pvt. Ltd., New Delhi, 1995.
7. Singh L.R. & Singh, Raghunandan: Mapwork and Practical Geography, Central Book Depot, Allahabad, 1993.
8. Phyllis Dink: Mapwork, Atma Ram & Sons, 1991.

Further Readings:

4. Mishra, R.P. & Ramesh, A.: Fundamental of Cartography, Concept Publishing Co., New Delhi, 1989.
5. Monkhouse, F.J. & Wilkinson, H.R.: Maps and Diagrams, Methuen & Co., London, Third Edition, 1976.
6. Robinson, A.H. & Randall, D. Sale: Elements of Cartography, John Wiley & Sons, New York, (Sixth Edition), 1995.

SEMESTER II

ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ-II (MAJOR)

Course Code	PBI162
Course Title	ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ-II
Type of Course	Theory
L T P	4:1:0
Credits	5
Course Prerequisite	N.A
Course Objectives	1. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਗਿਆਨ ਦੀ ਸਾਹਿਤ ਪ੍ਰੰਪਰਾ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਦੇ ਵੱਖ-ਵੱਖ ਸਕੂਲਾਂ ਨੂੰ ਸਮਝਣਯੋਗ ਹੋ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਭਾਰਤੀ ਕਾਵਿ ਸਿਧਾਂਤਾਂ ਰਾਹੀਂ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ।

ਭਾਗ-ੳ

ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ: ਵਿਕਾਸ ਅਤੇ ਪੜਾਅ
ਕਾਵਿ ਦੇ ਲੱਛਣ ਅਤੇ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ
ਕਾਵਿ ਦੇ ਤੱਤ

ਭਾਗ-ਅ

ਧੁਨੀ ਸੰਕਲਪ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਕਿਸਮਾਂ
ਸ਼ਬਦ, ਅਰਥ ਅਤੇ ਸ਼ਬਦਾਰਥ
ਸ਼ਬਦ ਸ਼ਕਤੀਆਂ: ਅਭਿਧਾ, ਲਕਸ਼ਣਾ ਅਤੇ ਵਿਅੰਜਨਾ

ਭਾਗ-ੲ

ਵਕਰੋਕਤੀ ਸੰਪਰਦਾਇ
ਵਕਰੋਕਤੀ ਸਿਧਾਂਤ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਮਹੱਤਵ
ਵਕਰੋਕਤੀ ਸੰਪਰਦਾਇ: ਸਰੂਪ ਅਤੇ ਭੇਦ

ਭਾਗ-ਸ

ਔਚਿਤਯ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਸੰਕਲਪ ਅਤੇ ਸਰੂਪ
ਔਚਿਤਯ ਸਿਧਾਂਤ: ਵਿਆਖਿਆ, ਲੱਛਣ ਅਤੇ ਭੇਦ
ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਦੀ ਵਰਤਮਾਨ ਸਮੇਂ ਵਿੱਚ ਪ੍ਰਸੰਗਿਕਤਾ।

ਪਾਠ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ	(2010) ਮਦਾਨ ਪਬਲੀਕੇਸ਼ਨ ਪਟਿਆਲਾ
ਜੱਗੀ, ਗੁਰਸ਼ਰਨ ਕੌਰ	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ	(2008) ਆਰਸੀ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ
ਸ਼ਾਸਤਰੀ, ਰਜਿੰਦਰ ਸਿੰਘ (ਟ੍ਰਾਂਸ.)	ਕਾਵਿ-ਪ੍ਰਕਾਸ਼	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ

History of Medieval India A.D. 1000-1450

CourseCode	HIS162
CourseTitle	History of Medieval India A.D. 1000-1450
Typeofcourse	Theory
LT P	4:1:0
Credits	5
Course Objectives(CO)	After the completion of the course, students will be able to: 1. Explain various issues of medieval History 2. Understand the basic features and characteristics of medieval History 3. Analyse development of Indian culture, arts and drama.
Course Outcomes	The students are able to understand the following things such as: 1. explain the various issues of medieval History 2. The students knew how ancient period turned into the phase of medieval history of India 3. Understood the basic features and characteristics of medieval History 4. They are able to analyse development of Indian culture and arts. 5. They introduced with important historical places of Medieval India on map.

Unit I

Foundation, Expansion & consolidation of the Delhi Sultanate. Causes of the success of the Turks:

Foundation and consolidation of the Delhi Sultanate: Aibek, Iltutmish, Razia, Balban.

Unit II

Khalji Dynasty: Establishment of Khalji Dynasty under Jalaludin Khalji; Agrarian reforms under Alauddin Khalji; mechanism of his market regulations and their impact.

Unit-III

Political and religious orientation of Muhammad bin Tughluq; implementation and consequences of his projects

Unit IV

Administrative reforms Under Tughluqs: Administrative Reforms of Firuz Shah Tughluq.

Map: - Important Historical Places: Lahore, Delhi, Agra, Mathura, Fatehpur Sikri, Chittor,

Jaipur, Bengal, Multan, Jaunpur, Badayun, Lucknow, Daultabad.

Text Books and References:

S. No	Author(S)	Title	Publisher
1	L.P.Sharma	Advanced Study of Medieval India	Sterling Publishers Pvt.Ltd.New Delhi
2	J.L.Mehta	History of Medieval India	Konark Publisher Pvt.Ltd.New Delhi
3	R.S.Chaurasia	Medieval History of India.	Kings Books, New Delhi.

Political Theory-Concepts and Debates

COURSE CODE	IKS-PLS-162
COURSE TITLE	IKS-Political Theory-Concepts and Debates
TYPE OF COURSE	POLITICAL THEORY
L.P.T	4:1:0
CREDIT	5
COURSE OBJECTIVES	This course is divided into two sections. Section A helps the student familiarize with the basic normative concepts of political theory. Each concept is related to a crucial political issue that requires analysis with the aid of our conceptual understanding. This exercise is designed to encourage critical and reflective analysis and interpretation of social practices through the relevant conceptual toolkit. Section B introduces the students to the important debates in the subject. These debates prompt us to consider that there is no settled way of understanding concepts and that in the light of new insights and challenges, besides newer ways of perceiving and interpreting the world around us, we inaugurate new modes of political debates.
LEARNING OUTCOME	● To introduce students to basic conceptual categories ● To make them familiar with the advanced theoretical debate in Political Theory & Currents trends ● To bridge gap between theory and practice of Political Science in contemporary world

Unit-I

Power, Authority, Legitimacy: Meaning and Characteristics,

Political Culture: Meaning, Characteristics and Types,

Political Socialization: Meaning, Characteristics and Agencies.

Understanding the concept of Indian Knowledge Systems

Unit-II

Human Rights: meaning, Nature and Characteristics.

Theory of Natural Rights: Nature and Features

Theory of Legal Rights: Nature and Features

Rights and Obligations Important Issue:

Historical perspective on the development of Indian political thought

Unit-III

Liberty: Meaning, Types & its Safeguards,

Equality: Meaning, Types, Formal Equality:

Justice: Meaning and its various Dimensions. a) Procedural Justice b) Distributive Justice c) Global Justice

Popular Assemblies: Samiti, Sabha, and Vidhata

Unit-IV

Democracy: Meaning, types and Features.

Determinants of the Success of Democracy,

Theories of Democracy: Elite and Marxian.

Internal Administration, Foreign Policy and Defense

Arthashastra and the State, State and King, Law and Justice

SUGGESTED READINGS'.

- Hoveyda Abbas, Ranajay Kumar*Political theory* Pearson Publications
- O.P.Gauba (2002), An Introduction to Political Theory, New Delhi, Macmillan..
- Andrew Heywood (2002), Political Theory, New Delhi, Palgrave.
- .J.C.Johari, Principles of Political Science Sterling Publishers, New Delhi.
- A.C.Kapur "Principles of Political Science" S. Chand & Company, New Delhi.
- S.P. Verma Political Theory Geetanjali Publishing House, New Delhi
- ❖ Andrew Hacker, Political Theory: Philosophy, Ideology & Science, Surjeet Publication (Indian Edition), 2006.
- ❖ David Beetham, The Legitimation of Power: Issues in Political Theory, Macmillan, 1991.
- ❖ Chousalkar, Ashok S. Revisiting the Political Thought of Ancient India. Sage Publications, 2018.
- ❖ Moore, Matthew J. Buddhism and Political Theory. Oxford University Press, 2016.
- ❖ "Indian Political Thought: Themes and Thinkers" by Bidyut Chakrabarty and Rajendra Kumar Pandey This book provides a comprehensive overview of Indian political thought, covering both ancient and modern thinkers. It explores key themes and concepts within Indian political philosophy.

Indian Aesthetics and Literary Traditions -II

Course Code	ENG 162
Course Title	Indian Aesthetics and Literary Traditions -II
Type of Course	Theory
L T P	4 1 0
Credits	5
Course Objectives	The students will be able to: 1. To introduce students to foundational concepts of Indian Knowledge Systems (IKS) 2. To examine classical Indian literary traditions through Sanskrit, Tamil, and Prakrit texts 3. To analyze literary texts using Indian aesthetic frameworks (Rasa, Dhvani, Alaṅkāra) 4. To develop comparative understanding of poetry, prose, and drama across Indian languages
Course Outcome	Upon the completion of the course, students will be able to: 1. Explain key concepts of IKS and their literary applications 2. Analyze classical Indian texts using Rasa theory and Dhvani 3. Compare literary styles and themes across Sanskrit, Tamil, and Prakrit traditions 4. Interpret philosophical and cultural narratives in selected texts 5. Evaluate the significance of Indian literary heritage in contemporary contexts

UNIT I

Introduction to Indian Knowledge Systems and Literary Traditions:

- Overview of Indian Knowledge Systems (IKS): Definition and scope of IKS; Interconnection between literature, philosophy, and culture.
- Oral and written traditions
- Key Concepts in Indian Aesthetics: Rasa theory (Bharata's Nāṭyaśāstra), Dhvani (suggestion) and Alaṅkāra (figures of speech)
- Introduction to Major Indian Languages and Their Literary Contributions:
 - Sanskrit: The language of classical literature
 - Tamil: Sangam and Bhakti traditions
 - Prakrit: The voice of folk and Jain-Buddhist narratives

UNIT II

Poetry:

- Kalidasa – *Meghadūta* (Opening 10 verses) [Trans. Chandra Rajan (Penguin Classics)]
- *Kuruntokai* (Poem 40, anonymous) [Love Stands Alone: Selections from Tamil Sangam Poetry, trans. A.K. Ramanujan (Penguin)]
- *Gāhā Sattasāi* (Verse 99, attributed to Hāla) [trans. Peter Khoroche]

UNIT III

Prose:

- *Pañcatantra* – “The Monkey and the Crocodile” (from Mitra-bheda) [trans. Chandra Rajan (Penguin or Oxford World's Classics)]
- *Tirukkural* – Selected couplets (Chapters: 1–4) [trans. P.S. Sundaram (Penguin Classics)]
- *Vaddarādhane* – “Story of Nami” [Trans. R. Narasimhacharya]

UNIT IV

Drama:

- *Mṛcchakaṭika* by Śūdraka – Act I [Trans. M.R. Kale]
- *Terukkuttu* script excerpt – Draupadi's Vow scene (Panchali Sabatham) [*Performing Draupadi: Gender and Performance in Tamil Terukkuttu*, by S. Ramanujan and S. Babu]
- *Abhijñānaśākuntalam* (Kalidasa) – Prakrit dialogues from Act IV [Trans. Arthur Ryder or Barbara Stoler Miller (*Shakuntala and Other Writings*)]

Recommended Books:

Sr No	Author(s)	Title	Publisher
1.	G. N. Devy	Indian Literary Criticism: Theory and Interpretation	Orient BlackSwan
2.	Bandyopadhyaya, N.C	Development of Hindu Polity and Political Theories	Munshiram Manoharlal Publishers Pvt Ltd
3	Basham, A.L	The Wonder that was India	Sidgwick & Jackson
4	Bhardwaj R., Kala C	Tribes of India: Realities and Representations	Vitasta Publishing Private Limited; First Edition
5	Buddha Prakash	India and the World	Vishveshvaranand Vedic Research Institute
6	Chandra, S	History of Medieval India: Part 1	Har-Anand Publications Pvt Ltd.
7	Chandra, S	History of Medieval India: Part 2	Har-Anand Publications Pvt Ltd.
8	Chandra, S	India's Struggle for Independence	Penguin Random House India
9	Wendy Doniger O'Flaherty	Textual Sources for the Study of Hinduism	University of Chicago Press
10	S. Jha	History of Indian Literature (3 volumes)	Motilal Banarsidass Publishers

MUSIC VOCAL –II (THEORY)

Course Code	MUC162
Course Title	Music Vocal-II (Theory)
Type of course	Theory
L T P	2:1:0
Credits	3
Course prerequisite	NA
Course Objectives (CO)	1. The students will be able to develop right understanding for music. 2. The students will be able to realize the significance of music.
Course Outcomes	The students will be able to understand the need, content and process and basic guidelines of music.

UNIT-I

Origin and development of GurmatSangeet.

Defination of following: swar, spatak, kan, saurti, vadi

UNIT-II

Essey on following: folk music of panjab.

Importance of Gharana System.

UNIT-III

Talas: ektal, rupak, talwara.

UNIT-IV

Life-sketches and contribution: Begum Akhtar, OnkarNath Thakur, Pt. Ravi Shankar.

Describe the time theory of Indian Music.

Text and Reference Books:

EWS. No.	Author(S)	Title	Publisher
1	Dr.s.d Sharma	Sangeetusha	AvamVadyaSangeetKanishka Publishers, New Delhi
2	Pt. Bhatkhande	Indian Music	Howdery Roshan Press

Indian Knowledge System through Macro Economics

Course Code	ECO162
Course Title	Indian Knowledge System through Macro Economics
Type of Course	Major/Theory
LTP	4:1:0
Credits	5
Course Pre-requisite	NA
Course Objective	1. The main aim of this course is to cover the main paradigms involved in the determination of real income, employment and unemployment, the price level and inflation in an open mixed economy. 2. the conduct of macroeconomic policy. Open economy will be dealt in Macroeconomics-II Course
Course Outcomes	1. This course enables students to understand and comment upon real economic issues like national income accounting, inflation, money supply, unemployment, GDP, determination of factor prices and their interlinkages. 2. The learning will help them in critical thinking of various theoretical strands of macro-economic issues.

SECTION-A

Indian Knowledge System:Development of banking and credit system,The primitive beginnings - barter system,Journey From barter to coinage

Macro Economics: Meaning, Scope and importance of macro-economics, Difference between micro and macro-economics.

National Income: Concepts of National Income GDP, GNP, NDP and NNP at market prices and factor cost; Measurement of National Income: Product, Income and Expenditure methods; Difficulties in the calculation of national income.

SECTION-B

Circular flow of Income and Expenditure: Importance of circular flow. Circular flow in two, three and four-sector economy.

Macro-Economic Theory: Classical Theory of Income and Employment; Say's Law of market; Implications of Say's Law; Keynesian Theory of Employment, Principle of Effective Demand - Determinants of effective demand, Importance of effective demand.

SECTION-C

Consumption Function: Average and Marginal Propensity to Consume; Factors affecting consumption; Keynes' Psychological Law of Consumption.

Investment Function: Meaning and types; Determinants of Investment-Marginal Efficiency of Capital & Rate of Interest; Factors affecting investment decisions.

SECTION-D

Inflation: Concept, Types, Causes and Effects. Theories of Inflation: Demand pull and Cost-push; Control of Inflation.

Trade Cycles: Meaning and Phases.

Text and Reference books

S.No.	Author(S)	Title	Publisher
1.	Dernburg, T.F. & McDouga	MacroEconomic	McGrawHill, New York
2.	Vaish, M.C	MacroEconomic Theory	OUP, New Delhi
3.	Ackley, Gardner	MacroEconomic Theory	McMillan, New York
4.	Ahuja, H.L	Macroeconomics Theory and Policy	S.Chand Pub. New Delhi
5	Ackley, G	Macroeconomics: Theory and Policy	Macmillan, New York
6	Jha, R	Contemporary Macroeconomic Theory and Policy	Wiley Eastern Ltd., New Delhi.

Ordinary Differential Equations

Course Code	MAT162
Course Title	Mathematics-II (Ordinary Differential Equations)
Type of course	DSC
L T P	4 1 0
Credits	5
Course prerequisite	Student must have the knowledge of Basic Mathematics
Course Objective (CO)	The main objective is to exhibit the techniques for obtaining solutions to ordinary differential equations, the basic ideas and the theory behind those techniques.
Course Outcomes(CO)	At the end of the course, the students will be: 1. Able to exhibit the techniques for obtaining solutions to ordinary differentialequations 2. Aware of the basic ideas and the theory behind the techniques for solving the ODEs. 3. able to combine the abstractconceptswithexamplesinorder tointensifytheunderstandingofthesubject

Unit-I

Origin of Differential Equations, Basic definitions, Family of solutions, Geometric interpretation, Isoclines, Initialandboundaryvalue problem.BasicExistenceTheorem(Statement).

Unit-II

EquationsofOrderOne,Separationofvariables,ExactEquations,LinearEquations,Integratingfactor s,Bernoulli'sequation,Elementary applications.

Unit-III

Generallinearequations:Generalsolutions,Linearindependenceofsolutions,differentialoperators .Linearequationswithconstantcoefficients:Auxiliaryequation.

Unit-IV

Non-homogeneousequations:Methodofundeterminedcoefficients,Variationofparametermethod,NonlinearEquations.

Text Books and References:

S. No.	Name	Author(S)	Publisher
1	Elementary differential equations (7 th ed.)	Earl D. Rainville and P. E. Benediet	Macmillian,PublishingCompany,1989
2	DifferentialEquations (3 rd ed.)	S. L.Ross	JohnWileyand Sons,India2004
3	Anintroductiontoordinarydifferentialequations	E.A.Coddington	Prentice- Hall

Fundamentals of Climatology and Oceanography

Course Code	GEO162
Course Title	Fundamentals of Climatology and Oceanography
Type of Course	Theory
L T P	4 0 0
Credits	4
Course Objectives (CO)	• The objective of this paper is to acquaint the students with the elements and attributes of climatology and oceanography as climate plays a very vital role in human life and oceans are storehouses of resources.
Course Outcomes	Student will be able to: CO1: Acquire an understanding and appreciation for the role that geography can play in community engagement. CO2: Understanding of physical geographic processes, the global distribution of landforms and ecosystems and the role of the physical environment on human populations.

UNIT-I

Definition of Climatology: Climate and Weather.Climate: Elements and controls.

Physical structure of the atmosphere and attributes of different layers, Physical and Chemical composition of the atmosphere: Dust particles, vapor particles, active gases, inert gases.

Insolation and Temperature: Horizontal distribution of insolation, factors affecting temperature of a place, vertical and horizontal and annual, seasonal and diurnal distribution of temperature

Traditional **Ritu (season) classification** in Indian calendars and its parallels to modern seasonal understanding.

UNIT-II

Atmospheric Pressure and Winds Distribution: Atmospheric disturbances (Tropical cyclones, temperate cyclones and anticyclones).

Atmospheric Moisture: Forms of condensation – Cloud, dew, fog and frost. Precipitation forms and types. World patterns of precipitation: Spatial and seasonal.

Climatic Classifications and their Bases: Elementary discussion of Koppen's classification of climates and climatic types.

Role of Climate in Human Life: Atmospheric pollution and global warming – general causes, consequences and measure of control.

ancient Indian knowledge of **monsoons and wind systems** used in maritime navigation (e.g., by Tamil and Gujarati traders).

UNIT-III

Oceanography: Definition, topography of the ocean basins; continental shelf, continental slope, deep sea plain and oceanic deep.

Features: Trench, trough, oceanic ridge, guyots, seamount. Factors controlling the world patterns of distribution of temperature and salinity in the ocean waters.

UNIT-IV

Movements of Oceanic Waters: Waves and currents. Surface currents of the oceans. Marine Flora, Fauna and Deposits, Corals. Ocean as storehouse of resources for the future.

Sustainable practices in Indian coastal regions (e.g., **mangrove protection** by tribal communities).

Books Recommended:

1. Bhutani, Smita: Our Atmosphere, Edited by R.C. Chandna, Kalyani Publishers, Ludhiana, Delhi, 2002.
2. Critchfield, H.J.: General Climatology, Prentice Hall of India, Private Ltd., New Delhi, 1983.
3. Gross, Grant, M.: Oceanography: A View of the Earth, Prentice Hall, New Jersey, 1995.
4. Lal, D.S.: Climatology, Sharda Pustak Bhawan, Allahabad, 2011.
5. Mathew, J.R.: Climatology, McGraw Hill, New Latest Edition.
6. Monkhouse, F.J.: The Principles of Physical Geography, University of London Press, London Latest Edition, 1975.
7. Pattersen, S.: Introduction to Meteorology, McGraw Hill Book Co., London, Latest Edition.
8. Stringer, E.T.: Foundations of Climatology. Subject Publications, Delhi, 1982.
9. Trewartha, G.T.: An Introduction to Climate, McGraw Hill Book Co., New Delhi, International Student Edition, 1980.
10. Khan, N.: An Introduction to Physical Geography. Concept New Delhi, 2002.
11. King, C.A.M.: Beaches and Coasts, E. Arnold, London, 1959.
12. King, C.A.M.: Oceanography, E. Arnold, London, Latest Edition.
13. Sharma, R.C. & M. Vatel: Oceanography for Geographers, Chetyna, Allahabad 1970.
14. Shepar, F.P. : Submarine Geology, Harper & Sons, New York, 1948.
15. Sverdrup, H.U. et.al. : The Oceans. Prentice Hall, New Jersey, U.S.A. 1959.
16. Singh, Savinder: Physical Geography, Pravalika Publications, Allahabad, 2015.

MUSIC VOCAL-II (PRACTICAL)

Course Code	MUC164
Course Title	Music Vocal-II (Practical)
Type of course	Practical
L T P	0:0:4
Credits	2
Course prerequisite	NA
Course Objectives (CO)	1. The students will be able to understand the need, content and process and basic guidelines of music. 2. The students will be able to develop right understanding for music. 3. The students will be able to realize the significance of music.

List of Practical

- I. Ragas: khamaj, bhimpalsi, chanderkouse
- II. Talas: depchadi, rupak, talwara
- III. One shabad
- IV. One folk song
- V. One Gazal
- VI. One tarana of any ragas
- VII. Sing with tanpura
- VIII. Knowledge of one vilamvatkiyal

Text and References:

S. No.	Author(S)	Title	Publisher
1	Devinderkaur	Sangeetroop	AvamVadyaSangeetKanishka Publishers New Delhi
2	Shanti goverdhan	Sangeetdarpan	Howdery Roshan Press

CARTOGRAPHY–II

Course Code	GEO164
Course Title	CARTOGRAPHY–II
Type of Course	Practical
L T P	0 0 1
Credits	1
Course Objectives (CO)	1. To introduce the concept of maps and relevance of maps in Geography 2. To explain the elements of Map (Scale and Orientation) and steps in Map making
Course Outcomes	CO1: Students will learn about the enlargement and reduction of maps. CO2: Students will learn about the weather maps.

UNIT I

Brief History of Cartography

Elements of Map Design

UNIT II

Enlargement and reduction: Graphic methods--square and triangle;

Introduction to concept of Global Positioning System (GPS).

UNIT III

Weather maps: General introduction to the study of weather maps,

The scheme of weather symbols employed in Indian daily weather maps;

Weather in India: Summer season, Winter season.

UNIT IV

Forecasting of weather through the study of weather maps and recent advances in weather forecasting.

Recommended Books:-

Essential Readings:

1. Khullar, D.R.: Essentials of Practical Geography, New Academic Publishing Co., Mai Hiran Gate, Jalandhar, 2016.
2. Singh, Gopal: Mapwork and Practical Geography, Vikas Publishing House, Pvt. Ltd., New Delhi, 1995.
3. Singh L.R. & Singh, Raghunandan: Mapwork and Practical Geography, Central Book Depot, Allahabad, 1993.
4. Phyllis Dink: Mapwork, Atma Ram & Sons, 1991.

Further Readings:

1. Mishra, R.P. & Ramesh, A.: Fundamental of Cartography, Concept Publishing Co., New Delhi, 1989.
2. Monkhouse, F.J. & Wilkinson, H.R.: Maps and Diagrams, Methuen & Co., London, Third Edition, 1976.
3. Robinson, A.H. & Randall, D. Sale: Elements of Cartography, John Wiley & Sons, New York, (Sixth Edition), 1995.

MINORS

Medieval India A.D. 1000-1450

CourseCode	HIS164
CourseTitle	Medieval India A.D. 1000-1450
Typeofcourse	Theory
LT P	4:0:0
Credits	4
Course Objectives(CO)	After the completion of the course, students will be able to: 4. Explain various issues of medieval History 5. Understand the basic features and characteristics of medieval History 6. Analyse development of Indian culture, arts and drama.
Course Outcomes	The students are able to understand the following things such as: 6. explain the various issues of medieval History 7. The students knew how ancient period turned into the phase of medieval history of India 8. Understood the basic features and characteristics of medieval History 9. They are able to analyse development of Indian culture and arts. 10. They introduced with important historical places of Medieval India on map.

Unit I

Foundation, Expansion & consolidation of the Delhi Sultanate. Causes of the success of the Turks: **Unit**

II

Foundation and consolidation of the Delhi Sultanate: Aibek, Iltutmish, Razia, Balban.

Agrarian reforms under Alauddin Khalji; mechanism of his market regulations and their impact.

Unit-III

Political and religious orientation of Muhammad bin Tughluq; implementation and consequences of his projects

Unit IV

Administrative reforms Under Tughluqs: Administrative Reforms of Firuz Shah Tughluq.

Map: - Important Historical Places: Lahore, Delhi, Agra, Mathura, Fatehpur Sikri, Chittor, Jaipur, Bengal, Multan, Jaunpur, Badayun, Lucknow, Daultabad.s

Text Books and References:

S. No	Author(S)	Title	Publisher
1	L.P.Sharma	Advanced Study of Medieval India	Sterling Publishers Pvt.Ltd.New Delhi
2	J.L.Mehta	History of Medieval India	Konark Publisher Pvt.Ltd.New Delhi
3	R.S.Chaurasia	Medieval History of India.	Kings Books, New Delhi.

Violence in South Asia

COURSE CODE	PLS-164
COURSE TITLE	Violence in South Asia
TYPE OF COURSE	Minor
L.P.T	4:0:0
CREDIT	4
COURSE OBJECTIVES	This paper attempts to examine the different forms of violence in South Asia. It also seeks to analyse the infiltration of violence at the societal level and affords a comparative regional analysis of its historical, cultural and geopolitical origins in South Asia. It sheds light on issues of different forms of violence ranging from lynching and mob justice, hate speech, caste violence, gender-based violence and the plight of the religious minorities in South Asia. Ethnic insurgency, religion-inspired extremism, and ideology-driven hostility are examples of violent acts that have emerged as challenges to the states; on the other hand, South Asian states have responded with violence in the form of civil war and through violations of human rights disregarding international norms, to name a couple
LEARNING OUTCOME	The curriculum is designed to achieve following outcomes: a. To acquire a balanced, multi-disciplinary understanding of this major cultural, political, economic, and demographic region of the world. b. Realize the unique geo-strategic issues of the region; c. To understand contemporary history that shaped the South Asia region, with a special focus on the role of colonialism, and the effects of partition. d. Understand the ethno-religious makeup of the region, and recognize when ethno-religious cleavages can become politically salient. e. Familiarize themselves with the various ongoing conflicts in the region, and different forms of violence based on caste, gender, ethnic etc.

Unit-I

1. Religion and Violence: The Case of India, Pakistan and Bangladesh
2. Ethnicity and Violence: The case of Pakistan and Sri Lanka and Afghanistan
3. Caste and violence: The Case of India

Unit-II

1. Patriarchy and Violence
2. Sex Trafficking
3. Child Labour and Child Abuse

Unit III

3.1.Gendered violence: rape, misogyny and feminist discourse

UNIT-IV

4.1.Outsourced violence: mobs, insurgents and private armies

Suggested Readings

1. Ayesha Siddiqi, *Pakistan's Arms Procurement and Military Build-up, 1979-99: In search of a policy*, Palgrave, 2001.
2. Jalal Ayesha, *Democracy and Authoritarianism in South Asia: A Comparative and Historical Perspective*, Cambridge: Cambridge University Press, 1995.
3. Ahmar Moonis, *Internal and External Dynamics of South Asian Security*, Fazeelsons, Karachi, 2001.
4. Ahmar Moonis, *The Challenge of Confidence-Building in South Asia*, Har-Anand Publications, New Delhi, 2001.
5. Bajpai, Kanti, P.R Chari, Pervaiz Iqbal Cheema, Stephen P Cohen and Sumit Ganguly, *Brasstacks and Beyond: Perception and Management of Crisis in South Asia*, Manohar, New Delhi, 1995.
6. Banerji Dipankar, *Confidence Building Measures in South Asia*, Regional Centre for Strategic Studies (RCSS), Colombo, 1999.
7. Bidwai Praful and Vanaik Achin, *New Nukes: India, Pakistan and Global Nuclear Disarmament*, Interlink Books, New York, 2000.
8. Cohen, Stephen Philip, *The Structural Dimensions of Conflict in South Asia*, Regional Centre for Strategic Studies (RCSS), Colombo, 1997.
9. Cohen, Stephen Philip, *India: Emerging Power*, Brookings Institution Press, Washington D.C, 2001.

Exploring Indian Knowledge Systems Through Classical Literature-II

Course Code	ENG 164
Course Title	Exploring Indian Knowledge Systems Through Classical Literature-II
Type of Course	Theory
L T P	4 0 0
Credits	4
Course pre-requisite	NA
Course Objectives	The students will be able to: 5. To introduce students to foundational concepts of Indian Knowledge Systems (IKS) 6. To examine classical Indian literary traditions through Sanskrit, Tamil, and Prakrit texts 7. To analyze literary texts using Indian aesthetic frameworks (Rasa, Dhvani, Alaṅkāra) 8. To develop comparative understanding of poetry, prose, and drama across Indian languages
Course Outcome	Upon the completion of the course, students will be able to: 6. Explain key concepts of IKS and their literary applications 7. Analyze classical Indian texts using Rasa theory and Dhvani 8. Compare literary styles and themes across Sanskrit, Tamil, and Prakrit traditions 9. Interpret philosophical and cultural narratives in selected texts 10. Evaluate the significance of Indian literary heritage in contemporary contexts

UNIT I

Introduction to Indian Knowledge Systems and Literary Traditions:

- Overview of Indian Knowledge Systems (IKS): Definition and scope of IKS; Interconnection between literature, philosophy, and culture.
- Oral and written traditions
- Key Concepts in Indian Aesthetics: Rasa theory (Bharata's Nāṭyaśāstra), Dhvani (suggestion) and Alaṅkāra (figures of speech)

UNIT II

Poetry:

- Kalidasa – *Meghadūta* (Opening 10 verses) [Trans. Chandra Rajan (Penguin Classics)]
- *Kuruntokai* (Poem 40, anonymous) [Love Stands Alone: Selections from Tamil Sangam Poetry, trans. A.K. Ramanujan (Penguin)]

UNIT III

Prose:

- *Pañcatantra* – “The Monkey and the Crocodile” (from Mitra-bheda) [trans. Chandra Rajan (Penguin or Oxford World's Classics)]
- *Tirukkural* – Selected couplets (Chapters: 1–4) [trans. P.S. Sundaram (Penguin Classics)]

UNIT IV

Drama:

- *Mṛcchakaṭika* by Śūdraka – Act I [Trans. M.R. Kale]
- *Terukkuttu* script excerpt – Draupadi's Vow scene (Panchali Sabatham) [*Performing Draupadi: Gender and Performance in Tamil Terukkuttu*, by S. Ramanujan and S. Babu]

Recommended Books:

Sr No	Author(s)	Title	Publisher
1.	G. N. Devy	Indian Literary Criticism: Theory and Interpretation	Orient BlackSwan
2.	Bandyopadhyaya, N.C	Development of Hindu Polity and Political Theories	Munshiram Manoharlal Publishers Pvt Ltd
3	Basham, A.L	The Wonder that was India	Sidgwick & Jackson
4	Bhardwaj R., Kala C	Tribes of India: Realities and Representations	Vitasta Publishing Private Limited; First Edition
5	Buddha Prakash	India and the World	Vishveshvaranand Vedic Research Institute
6	Chandra, S	History of Medieval India: Part 1	Har-Anand Publications Pvt Ltd.
7	Chandra, S	History of Medieval India: Part 2	Har-Anand Publications Pvt Ltd.
8	Chandra, S	India's Struggle for Independence	Penguin Random House India
9	Wendy Doniger O'Flaherty	Textual Sources for the Study of Hinduism	University of Chicago Press
10	S. Jha	History of Indian Literature (3 volumes)	Motilal Banarsidass Publishers

ਸਾਹਿਤ ਸਿਧਾਂਤ-II (MAJOR)

Course Code	PBI164
Course Title	ਸਾਹਿਤ ਸਿਧਾਂਤ-II
Type of Course	Theory
L T P	4:0:0
Credits	4
Course Objectives	1. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਗਿਆਨ ਦੀ ਸਾਹਿਤ ਪ੍ਰੰਪਰਾ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਜਾਣਕਾਰੀ ਹੋ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਦੇ ਵੱਖ-ਵੱਖ ਸਕੂਲਾਂ ਨੂੰ ਸਮਝਣਯੋਗ ਹੋ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਭਾਰਤੀ ਕਾਵਿ ਸਿਧਾਂਤਾਂ ਰਾਹੀਂ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ।

ਭਾਗ-ੳ

ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ: ਵਿਕਾਸ ਅਤੇ ਪੜਾਅ
ਕਾਵਿ ਦੇ ਲੱਛਣ ਅਤੇ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ
ਕਾਵਿ ਦੇ ਤੱਤ

ਭਾਗ-ਅ

ਧੁਨੀ ਸੰਕਲਪ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਕਿਸਮਾਂ
ਸ਼ਬਦ, ਅਰਥ ਅਤੇ ਸ਼ਬਦਾਰਥ
ਸ਼ਬਦ ਸ਼ਕਤੀਆਂ: ਅਭਿਧਾ, ਲਕਸ਼ਣਾ ਅਤੇ ਵਿਅੰਜਨਾ

ਭਾਗ-ੲ

ਵਕਰੋਕਤੀ ਸੰਪਰਦਾਇ
ਵਕਰੋਕਤੀ ਸਿਧਾਂਤ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਮਹੱਤਵ
ਵਕਰੋਕਤੀ ਸੰਪਰਦਾਇ: ਸਰੂਪ ਅਤੇ ਭੇਦ

ਭਾਗ-ਸ

ਔਚਿਤਯ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਸੰਕਲਪ ਅਤੇ ਸਰੂਪ
ਔਚਿਤਯ ਸਿਧਾਂਤ: ਵਿਆਖਿਆ, ਲੱਛਣ ਅਤੇ ਭੇਦ
ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਦੀ ਵਰਤਮਾਨ ਸਮੇਂ ਵਿੱਚ ਪ੍ਰਸੰਗਿਕਤਾ।

ਪਾਠ ਅਤੇ ਹਵਾਲਾ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਪੁਸਤਕ	ਪਬਲਿਸ਼ਰ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ	(2010) ਮਦਾਨ ਪਬਲੀਕੇਸ਼ਨ ਪਟਿਆਲਾ
ਜੱਗੀ, ਗੁਰਸ਼ਰਨ ਕੌਰ	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ	(2008) ਆਰਸੀ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ
ਸ਼ਾਸਤਰੀ, ਰਜਿੰਦਰ ਸਿੰਘ (ਟ੍ਰਾਂਸ.)	ਕਾਵਿ-ਪ੍ਰਕਾਸ਼	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ

INDIAN MUSIC Vocal-II (THEORY)

Course Code	MUC166
Course Title	Indian Music Vocal-II (Theory)
Type of course	Theory
L T P	2:0:0
Credits	2
Course prerequisite	NA
Course Objectives (CO)	1. The students will be able to develop right understanding for music. 2. The students will be able to realize the significance of music.
Course Outcomes	The students will be able to understand the need, content and process and basic guidelines of music.

UNIT-I

Origin and development of GurmatSangeet.

Defination of following: swar, spatak, kan, saurti, vadi

UNIT-II

Essey on following: folk music of panjab.

Importance of Gharana System.

UNIT-III

Talas: ektal, rupak, talwara.

UNIT-IV

Life-sketches and contribution: Begum Akhtar, OnkarNath Thakur, Pt. Ravi Shankar.

Describe the time theory of Indian Music.

Text and Reference Books:

EWS. No.	Author(S)	Title	Publisher
1	Dr.S.D. Sharma	Sangeetusha	AvamVadyaSangeetKanishka Publishers, New Delhi
2	Pt. Bhatkhande	Indian Music	Howdery Roshan Press

Physical Geography-II

Course Code	GEO166
Course Title	Physical Geography-II
Type of Course	Theory
L T P	4 0 0
Credits	4
Course Objectives (CO)	• The objective of this paper is to acquaint the students with the elements and attributes of climatology and oceanography as climate plays a very vital role in human life and oceans are storehouses of resources.
Course Outcomes	Student will be able to: CO1: Acquire an understanding and appreciation for the role that geography can play in community engagement. CO2: Understanding of physical geographic processes, the global distribution of landforms and ecosystems and the role of the physical environment on human populations.

UNIT-I

Atmosphere and Temperature

- Climatology: Meaning of climate and weather; Elements and controls of climate
- Atmospheric layers and composition (dust, vapour, gases)
- Insolation and temperature: Distribution (vertical, horizontal, daily, seasonal)

UNIT-II

Pressure, Moisture and Climate

- Air pressure and wind systems; Weather disturbances: Cyclones and anticyclones
- Atmospheric moisture: Condensation forms and precipitation types
- Global rainfall patterns (spatial & seasonal)

UNIT-III

Ocean Basics and Physical Features

- Oceanography: Scope and major oceanic landforms – shelf, slope, plain, deeps
- Oceanic features: Trenches, ridges, seamounts, guyots
- Factors influencing ocean temperature and salinity patterns

UNIT-IV

Oceanic motions: Waves, tides, and currents (major surface currents)

Marine life and deposits; Coral formations

Books Recommended:

17. Bhutani, Smita: Our Atmosphere, Edited by R.C. Chandna, Kalyani Publishers, Ludhiana, Delhi, 2002.

18. Critchfield, H.J.: General Climatology, Prentice Hall of India, Private Ltd., New Delhi, 1983.
19. Gross, Grant, M.: Oceanography: A View of the Earth, Prentice Hall, New Jersey, 1995.
20. Lal, D.S.: Climatology, Sharda Pustak Bhawan, Allahabad, 2011.
21. Mathew, J.R.: Climatology, McGraw Hill, New Latest Edition.
22. Monkhouse, F.J.: The Principles of Physical Geography, University of London Press, London Latest Edition, 1975.
23. Pattersen, S.: Introduction to Meteorology, McGraw Hill Book Co., London, Latest Edition.
24. Stringer, E.T.: Foundations of Climatology. Subject Publications, Delhi, 1982.
25. Trewartha, G.T.: An Introduction to Climate, McGraw Hill Book Co., New Delhi, International Student Edition, 1980.
26. Khan, N.: An Introduction to Physical Geography. Concept New Delhi, 2002.
27. King, C.A.M.: Beaches and Coasts, E. Arnold, London, 1959.
28. King, C.A.M.: Oceanography, E. Arnold, London, Latest Edition.
29. Sharma, R.C. & M. Vatel: Oceanography for Geographers, Chetyna, Allahabad 1970.
30. Shepar, F.P. : Submarine Geology, Harper & Sons, New York, 1948.
31. Sverdrup, H.U. et.al. : The Oceans. Prentice Hall, New Jersey, U.S.A. 1959.

Singh, Savinder: Physical Geography, Pravalika Publications, Allahabad, 2015.

INDIAN MUSIC VOCAL-II (PRACTICAL)

Course Code	MUC168
Course Title	Indian Music Vocal-II (Practical)
Type of course	Practical
L T P	0:0:4
Credits	2
Course prerequisite	NA
Course Objectives (CO)	4. The students will be able to understand the need, content and process and basic guidelines of music. 5. The students will be able to develop right understanding for music. 6. The students will be able to realize the significance of music.

List of Practical

- IX. Ragas: khamaj, bhimpalsi, chanderkouse
- X. Talas: depchadi, rupak, talwara
- XI. One shabad
- XII. One folk song
- XIII. One Gazal
- XIV. One tarana of any ragas
- XV. Sing with tanpura
- XVI. Knowledge of one vilamvatkiyal

Text and References:

S. No.	Author(S)	Title	Publisher
1	Devinderkaur	Sangeetroop	AvamVadyaSangeetKanishka Publishers New Delhi
2	Shanti goverdhan	Sangeetdarpan	Howdery Roshan Press

CARTOGRAPHY–II

Course Code	GEO164
Course Title	CARTOGRAPHY–II
Type of Course	Practical
L T P	0 0 1
Credits	1
Course Requisites	10+2
Course Objectives (CO)	1. To introduce the concept of maps and relevance of maps in Geography 2. To explain the elements of Map (Scale and Orientation) and steps in Map making
Course Outcomes	CO1: Students will learn about the enlargement and reduction of maps. CO2: Students will learn about the weather maps.

UNIT I

Brief History of Cartography

Elements of Map Design

UNIT II

Enlargement and reduction: Graphic methods--square and triangle;

Introduction to concept of Global Positioning System (GPS).

UNIT III

Weather maps: General introduction to the study of weather maps,

The scheme of weather symbols employed in Indian daily weather maps;

Weather in India: Summer season, Winter season.

UNIT IV

Forecasting of weather through the study of weather maps and recent advances in weather forecasting.

Recommended Books:-

Essential Readings:

5. Khullar, D.R.: Essentials of Practical Geography, New Academic Publishing Co., Mai Hiran Gate, Jalandhar, 2016.
6. Singh, Gopal: Mapwork and Practical Geography, Vikas Publishing House, Pvt. Ltd., New Delhi, 1995.
7. Singh L.R. & Singh, Raghunandan: Mapwork and Practical Geography, Central Book Depot, Allahabad, 1993.
8. Phyllis Dink: Mapwork, Atma Ram & Sons, 1991.

Further Readings:

4. Mishra, R.P. & Ramesh, A.: Fundamental of Cartography, Concept Publishing Co., New Delhi, 1989.
5. Monkhouse, F.J. & Wilkinson, H.R.: Maps and Diagrams, Methuen & Co., London, Third Edition, 1976.
6. Robinson, A.H. & Randall, D. Sale: Elements of Cartography, John Wiley & Sons, New York, (Sixth Edition), 1995.