

SCHEME & SYLLABUS

B.A. (Honours/ Honours with Research)

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

Program Code: UG044
(Academic Session 2024-25 onwards)



(Choice Based Credit System)

University Institute of Humanities
Sant Baba Bhag Singh University
2024

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 references 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.

BA (Bachelor of Arts)

BA 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

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 categorized 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

Program Code: UG044

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/Minor	DSE-I		Major Core Course-I	4:0:0	4:0:0	4	4
2	Major/Minor	DSE-II		Major Core Course-I	4:0:0	4:0:0	4	4
3	Major/Minor	DSE-III		Major Core Course-I	4:0:0	4:0:0	4	4
4	MDC	MDC-I		Multi-Disciplinary Course-I	3:0:0	3:0:0	3	3
5	VAC	VAC-I		Value Added Course-I	3:0:0	3:0:0	3	3
6	AEC	AEC-I		Ability Enhancement Course-I	2:0:0	2:0:0	2	2
7	PT	PT	PT101	NSO	0:0:2	0:0:0	2	NC
			PT103	NCC	0:0:2	0:0:0	2	NC
			PT105	NSS	0:0:2	0:0:0	2	NC

Major/Minor Core Course (Theory)

S. No.	Course Category	Course Code	Course Name	Contact Hours	Credits	Total Contact Hours	Total Credits
1	DSE	HIS161	History-I (History Of Ancient India upto 1000 A.D.)	4:0:0	4:0:0	4	4
2	DSE	PLS161	Political Science-I (Introduction to Political Theory)	4:0:0	4:0:0	4	4
3	DSE	PED161	Physical Education-I (Theory)	3:0:0	3:0:0	3	3
4	DSE	ENG161	Elective English-I (Language and Literature-I)	4:0:0	4:0:0	4	4
5	DSE	PBI161	Elective Punjabi-I (ਪੰਜਾਬੀ ਸਾਹਿਤ ਅਤੇ ਭਾਸ਼ਾ-I)	4:0:0	4:0:0	4	4
6	DSE	MUC161	Music Vocal -I (Theory)	2:0:0	2:0:0	2	2
7	DSE	ECO161	Economics-I (Micro Economics)	4:0:0	4:0:0	4	4
8	DSE	MAT161	Mathematics-I (Calculus)	4:0:0	4:0:0	4	4
9	DSE	GEO161	Geography-I (Physical Geography)	3:0:0	3:0:0	3	3

Major/Minor Core Course (Practical)

1	DSE	PED163	Physical Education-I (Practical)	0:0:2	0:0:1	2	1
2	DSE	MUC163	Music Vocal-I (Practical)	0:0:4	0:0:2	4	2
3	DSE	GEO163	Geography-I(Practical)	0:0:2	0:0:1	2	1

Minimum Contact Hours Required: 22
Minimum Credit Required: 20

Program Code: UG044

B.A. Second 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/Minor	DSE-IV		Major Core Course-II	4:0:0	4:0:0	4	4
2	Major/Minor	DSE-V		Major Core Course-II	4:0:0	4:0:0	4	4
3	Major/Minor	DSE-VI		Major Core Course-II	4:0:0	4:0:0	4	4
4	MDC	MDC-I		Skill Enhancement Course-I	3:0:0	3:0:0	3	3
5	VAC	VAC-II		Value Added Course-II	3:0:0	3:0:0	3	3
6	AEC	AEC-II		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/Minor Core Course (Theory)

S. No.	Course Category	Course Code	Course Name	Contact Hours	Total Contact Hours	Total Credits	
1	DSE	HIS162	History-II (History of Medieval India 1000-1707 A.D.)	4:0:0	4:0:0	4	4
2	DSE	PLS162	Political Science-II (Political Theory:Concepts and Debates)	4:0:0	4:0:0	4	4
3	DSE	PED162	Physical Education-II(Theory)	3:0:0	3:0:0	3	3
4	DSE	ENG162	Elective English-II (Language and Literature-II)	4:0:0	4:0:0	4	4
5	DSE	PBI162	Elective Punjabi-II (ਪੰਜਾਬੀ ਸਾਹਿਤ ਅਤੇ ਭਾਸ਼ਾ-I)	4:0:0	4:0:0	4	4
6	DSE	MUC162	Music Vocal -II (Theory)	2:0:0	2:0:0	2	2
7	DSE	ECO162	Economics-II (Macro Economics)	4:0:0	4:0:0	4	4
8	DSE	MAT162	Mathematics-II (Ordinary Differential Equations)	4:0:0	4:0:0	4	4
9	DSE	GEO162	Geography-II (Climatology & Oceanography)	3:0:0	3:0:0	3	3

Major/Minor Core Course (Practical)

1	DSE	PED164	Physical Education-II (Practical)	0:0:2	0:0:1	2	1
2	DSE	MUC164	Music Vocal-II (Practical)	0:0:4	0:0:2	4	2
3	DSE	GEO164	Geography-II(Practical)	0:0:2	0:0:1	2	1

Minimum Contact Hours Required: 22

Minimum Credit Required: 20



FIRST SEMESTER

Program Code: UG044

History -I

HISTORY OF ANCIENT INDIA UPTO 1000 A.D.

Course Code	HIS161
Course Title	History- I (History Of Ancient India Upto 1000 A.D.)
Type of course	Theory
L T P	4: 0:0
Course Objectives (CO)	<ol style="list-style-type: none">1. The students will understand historical interpretation.2. The students will develop historical research skills (Critical Thinking, Verbal Literacy).3. The students will be able to communicate historical knowledge in written and oral forms (Critical Thinking, Verbal Literacy).
Course Outcomes	<p>The students are able to understand historical interpretation.</p> <ol style="list-style-type: none">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 History: Literary Sources, Archaeological findings, Coins, Inscriptions and travel accounts.

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-II

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

Jainism and Buddhism: Life and teachings of Mahavir Jain; Life and teachings of Gautam Buddha.

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

UNIT-III

The Kushanas: Kanishka and his achievements.

The Gupta Age: Establishment of the Gupta Empire; social, economic cultural and scientific developments under Guptas.

The Rise of Southern Kingdoms: Administration under Pallavas; Rashtrakutas; Chalukayas.

UNIT-IV

The Age of the Vardhanas: Administration under Harsha Vardhana; origin of Rajputs; South Indian States: Administration under Cholas; Taxation and trade under Pandayas.

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, Shravenbelgola.

(b) Mauryan Kingdom under Ashoka. Text and

Reference Books:

1. Arora A.C. & Sikri, S.L., Bharati Itihas Da PrachinKal, Kalyani Publishers, Ludhiana, 2009
2. Chattopadhyaya, B.D. "Political Processes and Structures of Polity in Early Medieval India",
3. Presidential Address: Ancient India Section, Proceedings Indian History Congress, 44th session, Burdwan, 1983, pp 25-64.

4. Habib, Irfan, The Indus Civilization, Tulika Books, New Delhi, 2002
5. Habib, Irfan and Vijay Singh Thakur, The Vedic Age, Tulika Books, New Delhi, 2007.
6. Habib, Irfan and Vivekanand Jha, Mauryan India, Tulika Books, New Delhi, 2007.
7. Jha, D.N., Ancient India – In Historical Outline, Manohar, New Delhi, 1998.
8. Kosambi, D.D. To the Study of Indian History, Popular Parkashan, Bombay, 1956.
9. Sharma, Ram Sharan. India's Ancient Past, Oxford University Press, New Delhi, 2004
10. Sharma, Ram Sharan, Aspects of Political Ideas and Institutions in Ancient India, Motilal Banarsidass, Delhi, 2005.



Political Science-II

Course Code	PLS161
Course Title	Political Science-II (Introduction to Political Theory)
Course Type	Political Theory
L.P.T	4:0:0
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	<ol style="list-style-type: none">1. To introduce students to basic conceptual categories2. To make them familiar with the advanced theoretical debate in Political Theory & Political Philosophy3. To relate concepts to daily political practice4. To bridge gap between theory and practice of Political Science5. To enhance skill and job potential of students.

UNIT-I

Political Science: Meaning, Nature and Scope,

Relationship of Political Science with History, Economics Sociology.

Approaches of political science Traditional: Philosophical and Historical

Modern Approaches of political sciences: Behaviourism and Post Behaviourism

UNIT-II

What is Political Theory? Why do we need it?

State: Nature and Elements of state

State: Theories of its Origin:

Divine origin theory, Evolutionary theory and social contract theory.

UNIT-III

Perspectives on State: Liberal, Marxist and Gandhian

Welfare State Concept and Functions of Welfare State.

Laissez fair concept by Adam Smith

UNIT-IV

Sovereignty: Meaning ,Definition, Characteristic and Types of Sovereignty,

Theories of Sovereignty: Monistic and Pluralistic,

SUGGESTED READINGS'

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

PHYSICAL EDUCATION-I (THEORY)

Course Code	PED161
Course Title	Physical Education-I (Theory)
Type of Course	Theory
L T P	3:0:0
Course Objectives	<ol style="list-style-type: none"> 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: <ol style="list-style-type: none"> 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

ENGLISH (ELECTIVE)-I

CourseCode	ENG161
CourseTitle	Elective English-I (Language and Literature-I)
Typeofcourse	Theory
LTP	4:0:0
Credits	4
Courseprerequisite	NA
Course Objectives(CO)	<ol style="list-style-type: none"> 1. Studentswilldemonstratefamiliarity withmajorpoets,worksandgenres. 2. Studentswilldemonstratetheabilitytoread,write,andthinkcritically. 3. Studentswillusetranscriptionconventionsappropriatelywhentranscribingwords.

UNIT-I

The Doll's House by Henrik Ibsen—Completext

UNIT-II

Spots ofTime:PoemsatserialNo.1-3,5,7-12,14,19-20

UNIT-III

LiteraryTerms:Ballad,Character,Comedy,Conceit, Epic,Irony,Plot,Paradox

UNIT-IV

TranscriptionofWords:comb,crèche,dose,gauge,ghost,castle,gross,mauve,sure,sample,wolf,wool, arch,off,of,door,stair,what,cough,clerk,tooth,yak,yawn,sing,tongue.

Texts&RecommendedBooks:

S.No.	Author(S)	Year	Title	Publisher
1	G.B.Shaw	2001	The Doll's House	Penguin/ Classics Edn.
2	M.H.Abrams	2008	Glossary of LiteraryTerms	Wadsworth CENGAGE Learning Publishers
3	J.D.O'Connor.	2008	Better Pronunciation ofEnglish	Wadsworth CENGAGE Learning Publishers

Elective Punjabi-I

Course Code	PBI161
Course Title	Elective Punjabi-I (ਪੰਜਾਬੀ ਸਾਹਿਤ ਅਤੇ ਭਾਸ਼ਾ-I)
Type of Course	Theory
L T P	4 0 0
Course Objectives(CO)	ਵਿਦਿਆਰਥੀ ਨੂੰ: 1. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵੀਆਂ ਦੀ ਜੀਵਨੀ ਅਤੇ ਰਚਨਾਵਾਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਣਾ। 2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੀ ਵਿਸ਼ੇਸ਼ਤਾ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ। 3. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਨਾਵਲ ਸਾਹਿਤ ਵਿਧਾ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਕਰਨਾ। 4. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਬਾਰੇ ਜਾਗਰੂਕ ਕਰਨਾ। 5. ਵਿਦਿਆਰਥੀ ਅਰਥ ਆਧਾਰਿਤ ਸ਼ਬਦ ਵੰਨਗੀਆਂ ਨੂੰ ਸਮਝ ਕੇ ਸ਼ਬਦਾਂ ਦਾ ਸਹੀ ਇਸਤੇਮਾਲ ਕਰਨ ਲਈ ਯੋਗ ਬਣਾਉਣਾ।
Course Outcomes (CO)	ਵਿਦਿਆਰਥੀ: 1. ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਅਤੇ ਕਵੀਆਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ। 2. ਵਿਦਿਆਰਥੀ ਨਾਵਲ ਦੇ ਖੇਤਰ ਅਤੇ ਨਾਵਲ ਦੇ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਪ੍ਰਤੀ ਜਾਗਰੂਕ ਹੋ ਜਾਣਗੇ। 3. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਦੇ ਨਿਯਮਾਂ ਅਤੇ ਵੱਖ ਵੱਖ ਸੰਕਲਪਾਂ ਪ੍ਰਤੀ ਸੁਚੇਤ ਹੋ ਜਾਣਗੇ। 4. ਵਿਦਿਆਰਥੀ ਅਰਥ ਆਧਾਰਿਤ ਵੰਨਗੀਆਂ ਨੂੰ ਸਮਝਦੇ ਹੋਏ ਆਪਣੇ ਅਕਾਦਮਿਕ ਖੇਤਰ ਵਿੱਚ ਇਹਨਾਂ ਦੀ ਸਹੀ ਵਰਤੋਂ ਕਰਨਾ ਸਿੱਖ ਜਾਣਗੇ।

ਭਾਗ -ਪਹਿਲਾ

ਸੁਖਨ ਦੇ ਸੂਰਜ (ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ:1901-1995), (ਡਾ.ਬਲਜੀਤ ਕੌਰ ਅਤੇ ਟੀ.ਡੀ.ਜੋਸ਼ੀ), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।

ਕਵੀ: ਭਾਈ ਵੀਰ ਸਿੰਘ, ਪ੍ਰੋ. ਮੋਹਨ ਸਿੰਘ, ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ, ਬਾਵਾ ਬਲਵੰਤ, ਸ਼ਿਵ ਕੁਮਾਰ, ਜਗਤਾਰ, ਪਾਸ਼, ਸੁਰਜੀਤ ਪਾਤਰ (ਪਾਠ ਕ੍ਰਮ ਦਾ ਹਿੱਸਾ ਹਨ:ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ/ ਵਿਸ਼ਾ ਵਸਤੂ/ ਸਾਰ)

ਭਾਗ -ਦੂਸਰਾ

ਪਿੰਜਰ (ਨਾਵਲ) ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ

ਲੇਖਕ ਦਾ ਜੀਵਨ ਤੇ ਰਚਨਾ/ ਨਾਵਲ ਦਾ ਸਾਰ/ ਵਿਸ਼ਾ -ਵਸਤੂ/ ਪਾਤਰ-ਉਸਾਰੀ।

ਭਾਗ -ਤੀਸਰਾ

ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਸੰਪਰਦਾਵਾਂ

(ਧੁਨੀ ਸੰਪਰਦਾ, ਰਸ ਸੰਪਰਦਾ, ਅਲੰਕਾਰ ਸੰਪਰਦਾ)

ਭਾਗ -ਚੌਥਾ

ਅਰਥ ਆਧਾਰਿਤ ਸ਼ਬਦ ਵੰਨਗੀਆਂ: ਬਹੁਅਰਥਕ, ਸਮਾਨਾਰਥਕ, ਵਿਰੋਧਾਰਥਕ

ਅਰਥ ਪਰਿਵਰਤਨ ਦੀਆਂ ਦਿਸ਼ਾਵਾਂ

ਸੰਬੰਧਿਤ ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪ੍ਰਕਾਸ਼ਕ
ਡਾ.ਬਲਜੀਤ ਕੌਰ ਅਤੇ ਟੀ.ਡੀ.ਜੋਸ਼ੀ		ਸੁਖਨ ਦੇ ਸੂਰਜ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ:1901-1995	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ	1950,2009	ਪਿੰਜਰ	ਤਾਰਾ ਪ੍ਰੈੱਸ, ਨਵੀਂ ਦਿੱਲੀ

ਸਹਾਇਕ-ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪ੍ਰਕਾਸ਼ਕ
ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ	1963	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ	ਪੰਜਾਬੀ ਸਾਹਿਤ ਅਕਾਦਮੀ,
ਡਾ.ਪ੍ਰੋਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ ਧਾਲੀਵਾਲ	2000	ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ	
ਡਾ.ਰੰਜੂ ਬਾਲਾ	2017	ਅਰਥ ਵਿਗਿਆਨ	ਆਰਸੀ ਪਬਲਿਸ਼ਰਜ਼



MUSIC VOCAL -I (THEORY)

Course Code	MUC161
Course Title	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

Defination of: 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 Gurmat sangeet.

UNIT-IV

Life sketch and contribution of: Bade Gulam Ali Khan, Tansen, Fayaz Khan
Historical development of Modern period.

Text and Reference Books:

S. No.	Author(S)	Title	Publisher
1	Dr. Arun Mishra	BhartiaKanth Sangeet	AvamVadya Sangeet Kanishka Publishers, New Delhi
2	Pt. Debu	On Indian Music	Howdery Roshan Press
3	Dr. Davinder Kaur	Sangeet Roop	AP Publishers, Jalandhar
4	Prof. S. D. Dhawan	Sangeet Sikhiya	AP Publishers, Jalandhar
5	Hathras	Sangeet Visharad	AP Publishers, Jalandhar

ECONOMICS-I

Course Code	ECO161
Course Title	Economics-I (Micro Economics)
Type of Course	Theory
LTP	4:0:0
Credits	4
Course pre-requisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. Understand the nature and scope of economics. 2. Understand the role of supply and demand. 3. To be able to use supply and demand functions in economic conditions and policies. 4. Understand the basic theories behind consumer behavior and producer behavior. 5. To be able to perform simple analysis of market for production inputs.
Course Outcomes	<p>Upon completion of Micro economics, students should be able to:</p> <ol style="list-style-type: none"> 1. 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, 4. Evaluate the nature and scope of economics. 5. To grasp knowledge regarding role of supply and demand.

UNIT-I

Introduction: Definition, Meaning, Nature and Scope of Economics. basic concepts,

Consumer Behavior: Utility Analysis. Theory of Demand Law of Demand and its Exceptions, Elasticity of Demand and its measurement, Indifference curve analysis, Consumer Surplus and its measurement.

UNIT-II

Theory of Production and Costs: Concept, Law of Variable Proportions and Laws of Returns to Scale, Cost Concepts and Cost Curves in Short and Long periods (Traditional Theory of Costs).

Market Forms and Revenue: Behavior of Average Revenue and Marginal Revenue under Perfect Competition and Imperfect Competition. Relationship between Average Revenue, Marginal Revenue and Elasticity of Demand.

UNIT-III

Price and Output Determination: Price and Output Determination of the Firm and Industry under Perfect Competition, Monopoly and Monopolistic Competition in Short and Long run, Concept of Discriminating Monopoly.

UNIT-IV

Distribution: Marginal Productivity and Modern Theories of Wage Determination, Ricardian and Modern Theories of Rent. Classical and Loanable Funds Theory of Interest, Risk and Uncertainty Theories of Profit.

Text and reference Books:

S.NO.	Author(S)	Title	Publisher
1.	R.G. Lipsey	Introduction to Positive Economics	EL BS, London
2.	Stonier & Hague	A Text Book of Economics Theory	ELBS, London

Program Code: UG044

3.	N.C. Ray	Microeconomic Theory	Macmillan, Delhi
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Mathematics-I

Course Code	MAT161
Course Title	Mathematics-I (Calculus)
Type of course	DSC
L T P	4 0 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: <ol style="list-style-type: none"> 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 chainrule, 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

Program Code: UG044

Geography-I

Course Code	GEO161
Course Title	Geography-I (Physical Geography)
Type of Course	Theory
L T P	3 0 0
Credits	3
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–A

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).

UNIT–B

Movements of the Earth: Orogenic, epirogenic movements

Landforms resulting from forces of compression and tension: folding and faulting

Earthquakes and Volcanoes (causes, types and distribution)

UNIT–C

Rocks: Their origin, classification and characteristics.

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

Geomorphic Agents: Geomorphic processes (weathering and erosion).

UNIT–D

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

Applied Geomorphology: Applications to transport and landuse.

RECOMMENDED BOOKS

Sr. no.	Name	Author(s)	Publisher
1	BhautikBhugol (in Punjabi)	Chawla, I.N.	Bharat Prakashan, Jalandhar.
2	A Text Book of Geomorphology	Dayal, P	Rajesh Publications New Delhi, 2007
3	The Face of the Earth	Dury, G.H.	Middlesex, England, 1977.

Program Code: UG044

	Penguin		
4	Understanding the Earth	Gass, I.G.:	The Artemrs Press, Sussex, 1973
5	Principles of Physical Geology,	Holmes Arthur	Thomas Nelson & Sons, Ltd., New York, Latest Edition, 1993.
6	Principles of Physical Geography,	Principles of Physical Geography	RasmeetParkashan, Jalandhar, 2005, Reprint 2015.



PHYSICAL EDUCATION-I (PRACTICAL)

Course Code	PED163
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



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	Sangeet roop	Avam Vadya Sangeet Kanishka Publishers, New Delhi
2	Shanti goverdhan	Sangeet darpan	Howdery Roshan Press

Program Code: UG044

GEOGRAPHY (PRACTICAL)

Course Code	GEO163
Course Title	GEOGRAPHY (PRACTICAL)
Type of Course	Practical
L T P	0:0:2
Credits	1
Course Prerequisite	10+2
Course Objectives	<ol style="list-style-type: none">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	<ol style="list-style-type: none">1. Students will learn about the history of cartography.2. Students will learn about the geometry of earth and the types of scales.3. 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:

S. No.	Author's	Year	Title	Publisher
1	Mishra, R.P. and Ramesh, A.	1989	<i>Fundamentals of Cartography,</i>	Concept Publishing Co., New Delhi
2	Singh, L.R. and	1993	<i>Map work and Practical Geography,</i>	Singh Raghunandan Central Book Depot, Allahabad
3	Khullar, D.R.	2015	<i>Essentials of Practical Geography</i>	New Academic, Publishing Co., Jalandhar,





SECOND SEMESTER

History-II
HISTORY OF MEDIEVAL INDIA 1000-1707 A.D.

Course Code	HIS162
Course Title	History- II (History of Medieval India 1000-1707 A.D.)
Type of course	Theory
L T P	4:0:0
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

Establishment of Turkish Rule under Muizuddin of Ghor; Consolidation under Iltutmish and Balban. The Khaljis: Administration; agrarian and market reforms of Alauddin Khalji. The Tughlaqs: Muhammad Bin Tughlaq's administrative experiments and its impacts, Feroz Shah Tughluq's administrative and economic reforms.

UNIT II

The Vijaynagar Kingdom: Establishment and Administration, Formation of Mughal Empire: Political condition of India on the eve of Babur's invasions; conquest and causes of his success. The Afghans: Establishment of Afghan power under Sher Shah Suri; administrative reforms.

UNIT III

The Mughal Empire: Central and provincial administration; Land revenue system.

The Mughal Empire: Mansabdari system; Jagirdari System. Debates on the decline of the Mughal Empire.

UNIT IV

The establishment of Maratha Power: Conquest of Shivaji, Maratha administration, Land Revenue System, Chauth and Sardeshmukhi; Map: - Important Historical Places: Lahore, Delhi, Agra, Mathura, Fatehpur Sikri, Chittor, Jaipur, Udaipur, Panipat, Lucknow, Ahmednagar, Poona, Surat, Golkunda, Bijapur, Daultabad.

Text and reference books:

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 Science-II

COURSE CODE	PLS162
COURSE TITLE	Political Science-II (Political Theory-Concepts and Debates)
COURSE TYPE	DSE
L.P.T	4:0:0
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	<ol style="list-style-type: none"> 1. To introduce students to basic conceptual categories 2. To make them familiar with the advanced theoretical debate in Political Theory & Currents trends 3. 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.

Unit-II

Natural Rights, Moral and Legal Rights, Three Generations of Rights
 Rights and Obligations Important Issue: Right of the girl child

Unit-III

Liberty: Meaning, Types & its Safeguards,
 Equality: Meaning, Types, Formal Equality: Equality of opportunity ,Political equality Egalitarianism:
 Background inequalities and differential treatment.
 Justice: Meaning and its various Dimensions. a) Procedural Justice b) Distributive Justice c) Global
 Justice Important Issue: Capital punishment

Unit-IV

Social Change: Meaning, Characteristics and Factors,
 Democracy: Meaning, types, Necessary conditions for the Success of Democracy,
 Theories of Democracy: Elite and Marxian.

SUGGESTED READINGS'

1. **Hoveyda Abbas, Ranajay Kumar** *Political theory* Pearson Publications
2. O.P.Gauba (2002), *An Introduction to Political Theory*, New Delhi, Macmillan..
3. Andrew Heywood (2002), *Political Theory*, New Delhi, Palgrave.
4. J.C.Johari, *Principles of Political Science* Sterling Publishers, New Delhi.
5. A.C.Kapu r *Principles of Political Science* S. Chand & Company, New Delhi.
6. S.P. Verma *Political Theory* Geetanjali Publishing House, New Delhi

7. Andrew Hacker, Political Theory: Philosophy, Ideology & Science, Surjeet Publication (Indian Edition), 2006.
8. David Beetham, The Legitimation of Power: Issues in Political Theory, Macmillan, 1991.



PHYSICAL EDUCATION-II (THEORY)

Course Code	PED162
Course Title	Physical Education-II (Theory)
Type of Course	Theory
L T P	3:0:0
Course Objectives	<ol style="list-style-type: none"> 1. Gain knowledge about Personal Hygiene. 2. Understand the first aid. 3. They will be able to understand about Pollution. 4. Understand the Communicable Disease.
Course Outcomes	After the completion of the course, students will be able to: <ol style="list-style-type: none"> 1. Understand the various system of human body. 2. Explain the Nutrition. 3. Understand the Health Education.

UNIT-I

Cell: Structure and Functions, Skeletal System: Types of bones, names of the various bones of the body, Various types of Joints.

Muscular System: Various types of muscles, structure of skeletal muscles.

Digestive system: It's organs and mechanism of digestion.

UNIT-II

Nutrition: Elements of balanced diet, Functional Diet/Food

Meaning and scope of health education. Hygiene problems of educational institutions and their remedial measures.

Personal hygiene; Care of eyes, teeth, ears, skin, hair and nail.

UNIT-III

Air and water pollution and its remedial measures.

First aid in case of snake bite, drowning, electric shock, burns, fracture, dislocation, sprain and strain.

UNIT-IV

Effects of Alcohol and smoking on health, Doping in sports.

Communicable Diseases: Mode of transmission, prevention and control of tuberculosis, hepatitis (A & B), Rabies and HIV/AIDS.

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	Kang G.S. and Deol N.S	2008	An Introduction to Health and Physical Education	21 st Century, Patiala,
2	Kang G.S	2000	Anatomy, Physiology and Health Education	Publication Bureau, Punjabi University, Patiala,
3	John Raynor	1983	Anatomy and Physiology	New York, Harper & Row
4	Parror, J.W	1983	Anatomy and Physiology for Physical Education Teachers	Lend; Edward Arnold Healthful Living McGraw Hill.
5	Dhillon G.K	1998	Health Education	Punjab Text Book

ELECTIVE ENGLISH (ELECTIVE)-II

Course Code	ENG162
Course Title	Elective English-II (Language and Literature-II)
Type of course	Theory
L T P	4:0:0
Credits	4
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. Students will demonstrate familiarity with major authors, works, genres 2. Students will demonstrate the ability to read, write, and think critically 3. Students will use transcription conventions appropriately when transcribing words

UNIT-I

Untouchable by Mulkh Raj Anand—Detailed analysis of the complete Text

UNIT-II

The School for Scandal—Complete Text

UNIT-III

Literary Terms: Burlesque, Elegy, Hyperbole, Metaphor, Poetic Justice, Point of view, Dramatic Monologue and Tragicomedy

UNIT-IV

Transcription of Words: garage, data, menu, hello, cadet, exit, rebel (n), rebel (v), conduct(n), conduct (v), consume, idiot, depot, madam, handsome, petrol, perfect (adj.), perfect (v), vehicle, healthy, wealthy, police, sandwich, career, talent

Texts & Recommended Books:

S.No.	Author(S)	Year	Title	Publisher
1	Mulkh Raj Anand	1935	Untouchable	Penguin Books India
2	Sheridan	1991	The School for Scandal	Dover Publications
3	Abrams, M.H.	2008	Glossary of Literary Terms	Wadsworth CENGAGE Learning Publishers

Elective Punjabi-II

Course Code	PBI162
Course Title	Elective Punjabi-II (ਪੰਜਾਬੀ ਸਾਹਿਤ ਅਤੇ ਭਾਸ਼ਾ-II)
Type of Course	Theory
L T P	4 0 0
Credits	4
Course Pre-requisite	N.A
Course Objectives(CO)	ਵਿਦਿਆਰਥੀ ਨੂੰ: <ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਇਤਿਹਾਸ ਤੋਂ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ। 2. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਸਾਹਿਤ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਪ੍ਰਤੀ ਜਾਗਰੂਕ ਕੀਤਾ ਜਾਵੇਗਾ। 3. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਇਕਾਂਗੀਆਂ ਦਾ ਅਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨ ਦਾ ਹੁਨਰ ਉਤਪੰਨ ਹੋਵੇਗਾ। 4. ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਫ਼ਤਰੀ ਅਤੇ ਘਰੇਲੂ ਮਸਲਿਆਂ ਸੰਬੰਧੀ ਚਿੱਠੀ-ਪੱਤਰ ਦੀ ਰਚਨਾ ਕਰਨ ਦੀ ਵਿਧੀ ਦੱਸੀ ਜਾਵੇਗੀ। 5. ਵਿਦਿਆਰਥੀ ਨੂੰ ਕੋਸ਼ਕਾਰੀ ਦੇ ਨਿਯਮਾਂ ਅਤੇ ਵੱਖ-ਵੱਖ ਕੋਸ਼ਾਂ ਦੀ ਵਰਤੋਂ ਕਰਨ ਦਾ ਅਧਿਐਨ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।
Course Outcomes (CO)	ਵਿਦਿਆਰਥੀ: <ol style="list-style-type: none"> 1. ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਇਤਿਹਾਸ ਅਤੇ ਸਾਹਿਤ ਆਲੋਚਨਾ ਤੋਂ ਪੂਰੀ ਤਰ੍ਹਾਂ ਜਾਗਰੂਕ ਹੋ ਜਾਵੇਗਾ। 2. ਵਿਦਿਆਰਥੀ ਇਕਾਂਗੀ ਦੇ ਸਰੂਪ ਅਤੇ ਤੱਤਾਂ ਪ੍ਰਤੀ ਸੁਚੇਤ ਹੁੰਦਾ ਹੋਇਆ, ਇਕਾਂਗੀ ਦਾ ਆਲੋਚਨਾਤਮਕ ਅਧਿਐਨ ਕਰਨਾ ਸਿੱਖ ਜਾਵੇਗਾ। 3. ਵਿਦਿਆਰਥੀ ਚਿੱਠੀ-ਪੱਤਰ ਲਿਖਣ ਦੀ ਸਹੀ ਤਕਨੀਕ ਅਤੇ ਵਰਤੋਂ ਪ੍ਰਤੀ ਸੁਚੇਤ ਹੋ ਜਾਵੇਗਾ। 4. ਵਿਦਿਆਰਥੀ ਨੂੰ ਕੋਸ਼ਾ ਦੀ ਵਰਤੋਂ ਅਤੇ ਤਿਆਰੀ ਪ੍ਰਤੀ ਸਿਧਾਂਤਕ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਹੋ ਚੁੱਕੀ ਹੋਵੇਗੀ।

ਭਾਗ ਪਹਿਲਾ

ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1901-1995), ਸੰਪਾਦਕ ਡਾ. ਜਸਵਿੰਦਰ ਸਿੰਘ ਤੇ ਡਾ.ਮਾਨ ਸਿੰਘ ਢੀਡਸਾ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ

- ੳ) ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ
- ਅ) ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਗਲਪ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ
- ੲ) ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਨਾਟਕ ਅਤੇ ਇਕਾਂਗੀ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ
- ਸ) ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਵਾਰਤਕ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ
- ਹ) ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਆਲੋਚਨਾ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ

ਭਾਗ ਦੂਸਰਾ

ਮੰਚ ਘਰ (ਸੰਪਾ. ਕੁਲਦੀਪ ਸਿੰਘ ਧੀਰ ਅਤੇ ਹਿਰਦੇਜੀਤ ਸਿੰਘ ਭੋਗਲ), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।

(ਵਿਸ਼ਾ ਵਸਤੂ/ ਸਾਰ/ ਪਾਤਰ ਉਸਾਰੀ)

ਭਾਗ ਤੀਸਰਾ

- ੳ) ਦਫ਼ਤਰੀ ਅਤੇ ਘਰੇਲੂ ਚਿੱਠੀ -ਪੱਤਰ
ਅ) ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ: ਪਰਿਭਾਸ਼ਾ, ਪਛਾਣ, ਵਰਤੋਂ ਦੇ ਨਿਯਮ

ਭਾਗ -ਚੌਥਾ

ਕੋਸ਼ਕਾਰੀ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ
ਕੋਸ਼ਕਾਰੀ ਦੀ ਪਰਿਭਾਸ਼ਾ, ਵਰਗੀਕਰਣ, ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ ਦਾ ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ, ਕੋਸ਼ਵਿਗਿਆਨ ਨਾਲੋਂ ਭਿੰਨਤਾ

ਸੰਬੰਧਿਤ ਪੁਸਤਕਾਂ

ਲੇਖਕ/ਸੰਪਾਦਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪ੍ਰਕਾਸ਼ਕ
ਡਾ. ਜਸਵਿੰਦਰ ਸਿੰਘ ਤੇ ਡਾ.ਮਾਨ ਸਿੰਘ ਢੀਡਸਾ		ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1901-1995)	ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਕੁਲਦੀਪ ਸਿੰਘ ਧੀਰ ਅਤੇ ਹਿਰਦੇਜੀਤ ਸਿੰਘ ਭੋਗਲ		ਮੰਚ ਘਰ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ

ਸਹਾਇਕ-ਪੁਸਤਕਾਂ

ਲੇਖਕ	ਸਾਲ	ਸਿਰਲੇਖ	ਪ੍ਰਕਾਸ਼ਕ
ਜੋਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ	2000	ਕੋਸ਼ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਹਰਕੀਰਤ ਸਿੰਘ	1998	ਕੋਸ਼ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ	ਪੰਜਾਬ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜ੍ਹ

MUSIC VOCAL –II (THEORY)

Course Code	MUC162
Course Title	Music Vocal-II (Theory)
Type of course	Theory
L T P	2:0:0
Credits	2
Course prerequisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 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 Gurmat Sangeet.

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, Onkar Nath 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	Sangeet usha	AvamVadya Sangeet Kanishka Publishers, New Delhi
2	Pt. bhatkhande	Indian Music	Howdery Roshan Press

ECONOMICS-II

Course Code	ECO162
Course Title	Economics-II (Macro Economics)
Type of Course	Theory
LTP	4: 0:0
Credits	4
Course pre-requisite	NA
Course Objectives (CO)	<ol style="list-style-type: none"> 1. Understand the principles of macroeconomics. 2. It deals with aggregates i.e., consumers as a whole, producers as a whole. 3. To enable the student teachers to Understand the basic theories of determination of income, consumption, investment, employment, money and interest, inflation, Monetary and Fiscal policies, and business cycles. 4. To be able to perform simple analysis of market for production inputs.
Course Outcomes	<p>Upon completion of Macroeconomics, students should be able to:</p> <ol style="list-style-type: none"> 1. Explain what the principles of macroeconomics. 2. Relates factors determine national income such as consumption, saving and investment. 3. Explains definition, analysis of market for production inputs causes and effects of inflation. 4. Analysis of market for production inputs.

UNIT-I

Introduction: Nature, Meaning and Scope of Macro-Economics.

Consumption Function: Average and Marginal Propensity to Consume, Keynes' Psychological Law of Consumption.

Investment Function: Types of Investment, Investment Demand Schedule and Factors Affecting Investment Decisions, Marginal Efficiency of Capital, Static and Dynamic Multiplier.

UNIT-II

Determination of Income and Employment: Classical and Keynesian Theories of Income, Output And Employment, Say's Law of Markets. Principle of Effective Demand.

UNIT-III

Money and Banking: Money: Definition, Functions and Role Quantity Theory of Money: Fisher's Equation and Cambridge Equation, Keynesian Liquidity Preference Theory.

Banking: Major Functions of Commercial Banks and Process of Credit Creation.

UNIT-IV

Inflation and Macro-Economic Policies: Cost-push and Demand-pull Theories of Inflation, Measures to Control Inflation. Monetary and Fiscal Policies for Stabilization.

Trade Cycle: Meaning and Phases.

Text and reference Books:

S.No.	Author(S)	Title	Publisher
1.	Dernburg, T.F. & McDouga	Macro Economic	McGraw Hill, New York
2.	Vaish, M.C	Macro Economic Theory	OUP, New Delhi
3.	Ackley, Gardner	Macro Economic Theory	McMillan, New York
4.	Ahuja, H. L	Macroeconomics Theory and Policy	S. Chand Pub. New Delhi

Ordinary Differential Equations

Course Code	MAT162
Course Title	Mathematics-II (Ordinary Differential Equations)
Type of course	DSC
L T P	4 0 0
Credits	4
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: <ol style="list-style-type: none"> 1. Able to exhibit the techniques for obtaining solutions to ordinary differential equations 2. Aware of the basic ideas and the theory behind the techniques for solving the ODEs. 3. able to combine the abstract concepts with examples in order to intensify the understanding of the subject

Unit-I

Origin of Differential Equations, Basic definitions, Family of solutions, Geometric interpretation, Isoclines, Initial and boundary value problem. Basic Existence Theorem (Statement).

Unit-II

Equations of Order One, Separation of variables, Exact Equations, Linear Equations, Integrating factors, Bernoulli's equation, Elementary applications.

Unit-III

General linear equations: General solutions, Linear independence of solutions, differential operators. Linear equations with constant coefficients: Auxiliary equation.

Unit-IV

Non-homogeneous equations: Method of undetermined coefficients, Variation of parameter method, Nonlinear Equations.

Text Books and References:

S. No.	Name	Author(S)	Publisher
1	Elementary differential equations (7 th ed.)	Earl D. Rainville and P. E. Benedict	Macmillan, Publishing Company, 1989
2	Differential Equations (3 rd ed.)	S. L. Ross	John Wiley and Sons, India 2004
3	An introduction to ordinary differential equations	E. A. Coddington	Prentice- Hall

GEOGRAPHY- II

Climatology & Oceanography

Course Code	GEO162
Course Title	Geography- II (Climatology & Oceanography)
Type of Course	Theory
L T P	4 0 0
Credits	4
Course Prerequisites	Nil
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: Acquire an understanding and appreciation for the role that geography can play in community engagement. 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

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, vapour 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

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.

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.

Program Code: UG044

RECOMMENDED BOOKS			
Sr. no.	Name	Author(s)	Publisher
1	Our Atmosphere	Bhutani, Smita	Edited by R.C. Chandna, K P, Ludhiana, Delhi, 2002.
2	General Climatology	Critchfield, H.J	Prentice Hall of India, Private Ltd., New Delhi, 1983.
3	Physical Geography,	Singh, Savinder	Pravalika Publications, Allahabad, 2015.
4	Climatology,	Lal, D.S	Sharda Pustak Bhawan, Allahabad, 2011.
5	An Introduction to Physical Geography	Khan, N.:	Concept New Delhi, 2002.
6	Oceanography: A View of the Earth	Gross, Grant, M	Prentice Hall, New Jersey, 1995



PHYSICAL EDUCATION-II (PRACTICAL)

Course Code	PED164
Course Title	Physical Education-II (Practical)
Type of Course	(Practical)
L T P	0:0:2
Credits	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, Long Jump for Boys
- V. 100M, Long Jump for Girls
- VI. Games (Boys &Girls) ——— Fundamentals, Rules, Performance
- VII. Handball and Kho-Kho
- VIII. Kho-Kho



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)	<ol style="list-style-type: none"> 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	Sangeet roop	AvamVadya Sangeet Kanishka Publishers New Delhi
2	Shanti goverdhan	Sangeet darpan	Howdery Roshan Press

Program Code: UG044

GEOGRAPHY (PRACTICAL)

Course Code	GEO164
Course Title	GEOGRAPHY (PRACTICAL)
Type of Course	Practical
L T P	0:0:2
Credits	1
Course Prerequisite	10+2
Course Objectives	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:

S. No.	Author's	Year	Title	Publisher
1	Mishra, R.P. and Ramesh, A.	1989	<i>Fundamentals of Cartography,</i>	Concept Publishing Co., New Delhi
2	Singh, L.R. and Singh Raghunandan	1993	<i>Map work and Practical Geography,</i>	Central Book Depot, Allahabad
3	Khullar, D.R.	2015	<i>Essentials of Practical Geography</i>	New Academic, Publishing Co., Jalandhar,