

GURU KASHI UNIVERSITY

**GURU KASHI UNIVERSITY**



**Bachelor of Arts**

**Session: 2022-23**

**Department of Arts**

**PROGRAM LEARNING OUTCOMES**

After successful completion of the program, the students will be able to:

- Apply the knowledge of different prescribed subjects in creating team feeling by getting employment and social support.
- Examine the social, political, cultural, ecological, economic and religious problems in the light of the study of concerned contents of the programme.
- Develop critical thinking to carry out investigation about various socio-economic-political-cultural-environmental issues objectively while bridging the gap between theory and practice.
- Apply economic theories of the course contents to real life issues in fields of economics as well as contemporary social issues along with formulation and analysis of policy.
- Develop understanding of environment and creating awareness to save environment along with development that may not greatly affect our environment.
- Encourage the application of knowledge by concentrating on project work and by providing an opportunity to engage in the projects and presenting a relevant report.

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University College of Basic Sciences & Languages (Code:6)

**Programme Structure**

<b>Semester-I</b>						
<b>Course Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
BAT101	English	Core	4	0	0	4
BAT102	Punjabi	Generic Elective	4	0	0	4
BAT103	Punjab History & Culture					
BAT104	Fundamental of Computer -I	Technical Skill	0	0	4	2
BAT105	Environment Education	Ability Enhancement	1	0	0	1
BAT106	Personality Development	Skill Based	2	0	0	2
BAT199		MOOC	-	-	-	-
<b>Select Any three in groups below (I, II, III, IV)</b>						
<b>Group-I (Any one of the following)</b>						
BAT107	English Literature	Group-I	3	0	0	3
BAT108	Punjabi Literature					
BAT109	Hindi Literature					
<b>Group -II (Any one of the following)</b>						
BAT110	Economics	Group-II	3	0	0	3
BAT111	Sociology					
BAT112	Political Science					
<b>Group-III (Any one of the following)</b>						
BAT113	History	Group-III	3	0	0	3
BAT114	Religion					
BAT115	Mathematics					
<b>Group-IV (Any one of the following)</b>						
BAT116	Physical Education	Group-IV	2	0	2	3
BAT117	Fashion Designing					
BAT118	Home Science					
BAT119	Music					
<b>Total</b>			20	0	0	22

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<b>Semester-II</b>						
<b>Course Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
BAT201	English	Core	4	0	0	4
BAT202	Punjabi	Generic Elective	4	0	0	4
BAT203	Punjab History & Culture					
BAT204	Fundamental of Computer -II	Technical Skill	0	0	4	2
BAT205	Translation	Ability Enhancement	1	0	0	1
BAT206	Ethics and Value	VAC	2	0	0	2
<b>Select Any three in groups below</b>						
<b>Group-V (Any one of the following)</b>						
BAT207	English Literature	Group-V	3	0	0	3
BAT208	Punjabi Literature					
BAT209	Hindi Literature					
<b>Group -VI (Any one of the following)</b>						
BAT210	Economics	Group-VI	3	0	0	3
BAT211	Sociology					
BAT212	Political Science					
<b>Group -VII (Any one of the following)</b>						
BAT213	History	Group-VII	3	0	0	3
BAT214	Religion					
BAT215	Mathematics					
<b>Group -VIII (Any one of the following)</b>						
BAT216	Physical Education	Group-VIII	2	0	2	3
BAT217	Fashion Designing					
BAT218	Home Science					
BAT219	Music					
Total			20	0	0	22

<b>Semester-III</b>
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<b>Course Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
BAT301	English	Core	4	0	0	4
BAT302	Punjabi	Generic Elective	4	0	0	4
BAT303	Punjab History & Culture					
BAT304	Archives and Museums	Technical Skill	0	0	4	2
BAT305	Listening and Speaking Skills	Ability Enhancement	1	0	0	1
BAT399		MOOC	-	-	-	0
<b>Select Any three in groups below</b>						
<b>Group-IX (Any one of the following)</b>						
BAT306	English Literature	Group-IX	3	0	0	3
BAT307	Punjabi Literature					
BAT308	Hindi Literature					
<b>Group -X (Any one of the following)</b>						
BAT309	Economics	Group-X	3	0	0	3
BAT310	Sociology					
BAT311	Political Science					
<b>Group -XI (Any one of the following)</b>						
BAT312	History	Group-XI	3	0	0	3
BAT313	Religion					
BAT314	Mathematics					
<b>Group -XII (Any one of the following)</b>						
BAT315	Physical Education	Group-XII	2	0	2	3
BAT316	Fashion Designing					
BAT317	Home Science					
BAT318	Music					
<b>Total</b>			<b>18</b>	<b>0</b>	<b>0</b>	<b>22</b>

**Semester-IV**

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<b>Course Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
BAT401	English	Core	4	0	0	4
BAT402	Punjabi	Generic Elective	4	0	0	4
BAT403	Punjab History & Culture					
BAT404	Creative Writing	Technical Skill	0	0	4	2
BAT405	Reading and Writing Skills	Ability Enhancement	1	0	0	1
BAT437	Science and Technology during colonial period	Value Added Course	2	0	0	2
<b>Select Any three in groups below</b>						
<b>Group-XIII (Any one of the following)</b>						
BAT406	English Literature	Group-XIII	3	0	0	3
BAT407	Punjabi Literature					
BAT408	Hindi Literature					
<b>Group -XIV(Any one of the following)</b>						
BAT409	Economics	Group-XIV	3	0	0	3
BAT410	Sociology					
BAT411	Political Science					
<b>Group -XV (Any one of the following)</b>						
BAT412	History	Group-XV	3	0	0	3
BAT413	Religion					
BAT414	Mathematics					
<b>Group -XVI (Any one of the following)</b>						
BAT415	Physical Education	Group-XVI	2	0	2	3
BAT416	Fashion Designing					
BAT417	Home Science					
BAT418	Music					
Total			18	0	0	22

**Semester-V**

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<b>Course Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
BAT501	English	Core	4	0	0	4
BAT502	Punjabi	Generic Elective	4	0	0	4
BAT503	Punjab History & Culture					
BAT504	Script Writing	Technical Skill	0	0	4	2
BAT505	Basics of Research	Research Based	3	0	0	3
BAT599		MOOC	-	-	-	2
<b>Select Any three in groups below</b>						
<b>Group-XVII (Any one of the following)</b>						
BAT506	English Literature	Group-XVII	3	0	0	3
BAT507	Punjabi Literature					
BAT508	Hindi Literature					
<b>Group -XVIII(Any one of the following)</b>						
BAT509	Economics	Group-XVIII	3	0	0	3
BAT510	Sociology					
BAT511	Political Science					
<b>Group -XIX (Any one of the following)</b>						
BAT512	History	Group-XIX	3	0	0	3
BAT513	Religion					
BAT514	Mathematics					
<b>Group -XX (Any one of the following)</b>						
BAT515	Physical Education	Group-XX	2	0	2	3
BAT516	Fashion Designing					
BAT517	Home Science					
BAT518	Music					
<b>Total</b>			<b>20</b>	<b>0</b>	<b>0</b>	<b>24</b>

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<b>Semester-VI</b>						
<b>Course</b>	<b>Course Title</b>	<b>Course Type</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
BAT642	English	Core	4	0	0	4
BAT643	Punjabi	Genric Elective	4	0	0	4
BAT644	Punjab History & Culture	Genric Elective	4	0	0	4
BAT645	Script Writing-II	Technical Skill	2	0	0	2
BAT646	Introduction to Human Rights & Duties	VAC	2	-	-	2
<b>Select Any three in groups below</b>						
<b>Group-XVII (Any one of the following)</b>						
BAT647	English Literature	Group-XVII	3	0	0	3
BAT648	Punjabi Literature					
BAT649	Hindi Literature					
<b>Group -XVIII(Any one of the following)</b>						
BAT650	Economics	Group-XVIII	3	0	0	3
BAT651	Sociology					
BAT652	Political Science					
<b>Group -XIX (Any one of the following)</b>						
BAT653	History	Group-XIX	3	0	0	3
BAT654	Religion					
BAT655	Mathematics					
<b>Group -XX (Any one of the following)</b>						
BAT656	Physical Education	Group-XX	2	0	2	3
BAT657	Fashion Designing					
BAT658	Home Science					
BAT659	Music					
Total						21

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**Evaluation Criteria for Theory Courses**

A. Continuous Assessment: [25 Marks]

- i. C1 (10 Marks)
- ii. C2 (10 Marks)
- iii. C3 (5 Marks)

For each CA conduct surprise test, quiz, term paper, assignments, etc.

B. Attendance (5 marks)

C. Mid Semester Test-1: (30 Marks)

D. Mid Semester Test-2: (20 Marks)

E. End-Term Exam: (20 Marks)

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## Semester-I

**Course Title: English**

**Course Code: BAT101**

L	T	P	Cr
4	0	0	4

**Total Hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Synthesise four basic skills of language –reading, writing, listening and speaking.
2. Communicate and converse in English in real life situations.
3. Internalize the grammar and appropriate vocabulary of English language.
4. Inculcate writing skill to apply at diverse levels of composition.

## Course Content

### UNIT-I

**14 hours**

- 1 Prose Parables (Orient Blackswan, 2013)-The following stories from the above volume are prescribed:
  - The Kabuliwallah: Rabindranath Tagore
  - The Eyes Are Not Here: Ruskin Bond
  - The Death of A Hero: Jai Nimbkar
  - The Voice of God: Premchand
  - The Portrait of a Lady: Khushwant Singh

### UNIT-II

**15 hours**

- 2 The Poetic Palette (Orient Blackswan, 2013) The following poems from this anthology are prescribed:
  - The Villain: W.H. Davies
  - Dont's: D.H Lawrence
  - The Tyger: William Blake
  - What Do Animals Dream: Yahia Lababidi
  - Magic Of Love: Helen Farries
  - The Charge of the Light Brigade: Lord Tennyson

### UNIT-III

**17 hours**

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- 3 Texts Prescribed for Grammar Oxford Practice Grammar by John Eastwood (Exercises 01 to 25)

### UNIT-IV

14 hours

#### 4. Writing skills

- o Email
- o Applications: Official
- o Report writing for media
- o Consulting Dictionaries

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

#### Suggested Readings

- Best, Wilfred D. *The Student's Companion*, The Pearson Education, 1983.
- Eastwood, John. *Oxford Practice Grammar*, OUP, 2004.

**Course Title:** ਪੰਜਾਬੀ

L	T	P	Cr.
4	0	0	4

**Course Code:** BAT102

**Total Hours:** 60

**Course Outcomes: On successful completion of this course, the students will be able to**

1. AwDuinkpMjwbliiekWgldybwryjwxkwrlpRdwnkrnw[
2. inbMDrcnwqypYrHwrcnwbwryjwxkwrlidyxw[
3. pMjwbIBwSwdlivAwkrnbwryjwxkwrlidyxw[
4. in`jlic`Tlp`qrbwryjwxkwrlidyxw[

#### Course Content

ਭਾਗ-ੳ

15 ਹੋਰਸ

1. ਇਕਾਂਗੀਯਾਤਰਾ, ਡਾ. ਸਤੀਸ਼ਕੁਮਾਰਵਰਮਾਅਤੇਡਾ. ਰਘਵੀਰਸਿੰਘ (ਸੰਪਾਦਕ); ਪਬਲੀਕੇਸ਼ਨਬਿਊਰੋ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।

ਭਾਗ-ਅ  
ਹੋਰਸ

15

2. ਨਿੱਜੀਚਿੱਠੀਪੱਤਰ।
3. ਇਸ਼ਤਿਹਾਰਲੇਖਣਅਤੇਸੱਦਾਪੱਤਰਲੇਖਣ
4. ਸੰਖੇਪਨਿਬੰਧਰਚਨਾ (250-300 ਸ਼ਬਦਾਂਵਿਚ)

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ਭਾਗ-ੳ

15 ਹੋਰਸ

5. ਭਾਸ਼ਾ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ, ਮਾਤਭਾਸ਼ਾ ਦਾ ਮਹੱਤਵ

ਭਾਗ-ਸ

15 ਹੋਰਸ

6. ਪੰਜਾਬ ਦੀਆਂ ਉਪਭਾਸ਼ਾਵਾਂ (ਮਾਝੀ, ਮਲਵਈ, ਦੁਆਬੀ ਅਤੇ ਪੁਆਧੀ)

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion

### pusqksUcl:

- fw. sqISkumwrvrmwAqyfw. rGvIrisMG (sMpwdk); iekWgIXwqrw, pblIkySnibaUro, pMjwbIXUnIvrstI, pitAwlw[
- joigMdrisMGpuAwr, bldyvisMGcImw, suKivMdrisMGsMGwAqyvvdAgnIhoqrI, pMjwbIBwSwdwivAwkrn (Bwg-pihlw), pMjwbIBwSwAkwdmI, jIMDr[
- ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਜਨਮ ਤੇ ਵਿਕਾਸ, ਪ੍ਰੇਮ ਪ੍ਰਕਾਸ਼, ਮੈਦਾਨ ਪਬਲਿਕੇਸ਼ਨ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ।

**Course Title: Punjab History & Culture**

**Course Code: BAT103**

L	T	P	Cr.
4	0	0	4

**Total Hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Punjab history is bone of Indian history. So it is too much important.
2. The Punjab region of India and Pakistan has a historical and cultural link to Indo-Aryan peoples as well as partially to various indigenous communities.
3. As a result of several invasions from central Asia and the Middle East, Many ethnic groups and religions make up the cultural heritage of the Punjab.
4. Develop understand the glory of Indian history in age of Harappan Civilization.

### Course Content

#### UNIT-I

**14 hours**

1. Physical features of the Punjab & their impact on history.
2. Sources of the Ancient History of Punjab.

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### UNIT-II

**15 hours**

3. Harappan Civilization: important places, script, town planning.
4. Rig Vedic Civilization: original home of the Aryans; their social, political economic and religious life.

### UNIT-III

**17 hours**

5. Later Vedic Civilization: Political, Social and Religious life.
6. Teachings and impact of Jainism.

### UNIT-IV

**14 hours**

7. Buddhism
8. Alexander's Invasions and its impact.

**Course Title: Fundamentals of Computer-I**

**Course Code: BAT104**

L	T	P	Cr.
0	0	4	2

**Total Hours: 30**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Classify binary, hexadecimal and octal number system and their arithmetic operations.
2. Analyze the concept of computer devices and recognition of the basic terms used in computer programming.
3. Identify and learn the details of the components of a personal computer system.
4. Demonstrate the functions of computer programming languages.

### Course Content

#### UNIT-I

**10 hours**

**Computer Fundamentals:** Block diagram of a computer, characteristics of computers and generations of computers.

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**Number System:** Bit, byte, binary, decimal, hexadecimal, and octal systems, conversion from one system to the other, representation of characters, integers and fractions.

### UNIT-II

**8 hours**

**Binary Arithmetic:** Addition, subtraction and multiplication.

**Computer Codes:** weighted and non-weighted code, BCD, EBCDIC, ASCII, Unicode.

### UNIT-III

**8 hours**

**Input Devices:** Keyboard, Mouse, Joy tick, Track Ball, Touch Screen, Light Pen, Digitizer, Scanners, Speech Recognition Devices, Optical Recognition devices – OMR, OBR, OCR

**Output Devices:** Monitors, Printer and its Types.

### UNIT-IV

**4 hours**

**Memories:** Units of Memory, Main Memories - RAM, ROM and Secondary Storage Devices - Hard Disk, Compact Disk, DVD.

**Introduction to Computer Terms like** Hardware, Software

**Transaction Mode:** Video based Teaching, Collaborative Teaching, Cooperative Teaching; Case based Teaching, Power point Presentation.

### Suggested Readings

- Sinha P.K. and Sinha P. (2002). *Foundations of Computing*, First Edition, BPB. Sanders D.H. (1988). *Computers Today*, Fourth Edition, McGraw Hill.
- Rajaraman V. (1996). *Fundamentals of Computers*, Second Edition, Prentice Hall of India, New Delhi.
- Jain Satish (1999). *Information Technology*, Paperback Edition, BPB.

**Course Title: Environment Education**

**Course Code: BAT105**

L	T	P	Cr.
1	0	0	1

**Total Hours: 15**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Measure environmental variables and interpret results
2. Evaluate local, regional and global environmental topics related to resource use and management
3. Propose solutions to environmental problems related to resource use and management
4. Interpret the results of scientific studies of environmental problems

**Course Content**

**UNIT-I**

**12 hours**

**The Multidisciplinary nature of environmental studies**

Definition, scope and importance, Need for public awareness.

**Natural Resources**

Renewable and non-renewable resources:

- a) Forest resources: Use and over-exploitation, deforestation, Timber extraction, mining, dams and their effects on forests and tribal people.
- b) Water resources: Use and over-Utilization of surface and ground water, floods, drought, conflicts and water, dams-benefits and problems.
- c) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
- d) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources. Case studies.
- e) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.

**UNIT -II**

**10 hours**

**Ecosystem**

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids

**UNIT -III**

**11 hours**

**Environmental Pollution**

Definition

- Causes, effects and control measures of: -
  - a. Air pollution
  - b. Water pollution
  - c. Soil pollution
  - d. Noise pollution
- Role of an individual in prevention of pollution.
- Disaster management: floods, earthquake, cyclone and landslides.

#### **UNIT-IV**

**12 hours**

#### **Social Issues and Environment**

- From Unsustainable to Sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents.
- Environment Protection Act.
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act

#### **Human Population and Environment**

- Population growth, variation among nations
- Effects of Population explosion on Environment
- Environment and human health
- Suggestions to control population growth.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

#### **Suggested Readings**

- Aggarwal, K. C. 2001. Environment Biology. Nidi Publ. Ltd. Bikaner.
- Jadhav, H & Bhosale, V.M. 1995. Environment Protection and Laws, Himalaya Pub House, Delhi 284p.
- Rao M. N. & Datta A.K. 1987. Waste Water Treatment. Oxford & IBH Publ. Co. Pvt. Ltd. 45p.
- Cunningham, W.P. Principle of Environment Science.
- Joseph. Essentials of Environment Science.
- Rao, C.S. Environment Pollution Control Engineering.
- Kaushik, A. Perspectives in Environmental Studies.
- Meenakshi. Elements of Environment Science & Engineering.

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- Duggal, Elements of Environment Engineering.

**Course Title: Personality Development**

**Course Code: BAT106**

L	T	P	Cr
2	0	0	2

**Total Hours: 15**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Introspect & develop a planned approach towards his career & life in general.
2. Have clarity on his career exploration process and to match his skills and interests with a chosen career path. .
3. Develop thinking ability and polish his expression in work Place.
4. To prepare for the stress Management, Time management and its techniques.

**UNIT-I**

**3 hours**

Personality development, steps, aims and its benefits.  
SWOT meaning and types.

**UNIT-II**

**4 hours**

**Workplace Etiquette:** Etiquette in the modern workplace. Workplace etiquette  
Culture sensitivity, Gender sensitivity, Importance of Grooming Etiquette in  
interaction

**UNIT-III**

**4 hours**

Motivation, Introspection, Self-Assessment, Self-Appraisal and Self-  
development, Introvert, Extrovert & Ambivert person, Effective Communication  
& Its key aspects.

**UNIT-IV**

**4hours**

**Stress Management:** Introduction, Causes, stress management techniques,  
Time management: Importance of time management, Techniques of time  
management, Time management styles.

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

**Suggested Readings**

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- Sabina Pillai and Agna Fernandez: *Soft Skills and Employability Skills*. Cambridge University Press, 2018.
- Kadam , J.R. and V.G. Patil.. *Communication Skills and Personality Development*, Scientific Publishers, 2018

**Course Title: English literature**

**Course Code: BAT107**

L	T	P	Cr
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Construct four basic skills of language –reading, writing, speaking and listening.
2. Explain English literature and its various genres.
3. Demonstrate the knowledge of Prose and the literary terms pertaining to it.
4. Grasp the individual sounds/symbols of English language and Phonemic Transcription.

### Course Content

#### UNIT-I

**11 hours**

1. What is Literature?
2. Various Genres of Literature
3. Literature and History

#### UNIT-II

**13 hours**

1. Prose
2. The Types of Prose

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- (i) Narrative
- (ii) Epic
- (iii) Dramatic
- (iv) Informative
- (v) Contemplative
- (vi) Satire
- (vii) Allegory
- (viii) Parable
- (ix) Oxymoron
- (x) Biography and Autobiography
- (xi) Irony
- (xii) Fable
- (xiii) Lyric
- (xiv) Paradox

**UNIT-III**

**11 hours**

**Language Items**

**(a) To Define**

Vowel

Consonant

**(b) To List**

Phonemic Transcription of some given words (One or two syllable)

**UNIT-IV**

**10 hours**

**Prescribed Text**

***A Selection of English Prose*** compiled and edited by University of Kashmir, Dept. of English, Orient Longman 1999.

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

**Suggested Readings**

- Abrams, M.H. *A Glossary of Literary Terms*, Cengage Learning India, 2015.
- *Twentieth Century Reader's Guide to Literacy Terms*, OUP, 1997.

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**Course Title:** *coxvINpMjwbl*

**Course Code:** **BAT108**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Outcomes: On successful completion of this course, the students will be able to**

- i. AwDuinkpMjwblkivqwdybwryjwxkwrlpRdwnkrnw[
- ii. pMjwblswihqbwryjwxkwrlDyxw[
- iii. pMjwblkwivSwsqrnwlsMbMDqsMklpWbwryjwxkwrlDyxw[
- iv. pRo.mohnisMGbwryjwxkwrlDyxw[

**Course Content**

<b>ਭਾਗ-ੳ</b>	<b>10 hours</b>
1. ਅਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦਾ ਇਤਿਹਾਸ।	
<b>ਭਾਗ-ਅ</b>	<b>15 hours</b>
2. ਸਾਵੇਖੱਤਰ, ਪ੍ਰੋ.ਮੋਹਨਸਿੰਘ।	
<b>ਭਾਗ-ੲ</b>	<b>10 hours</b>
3. ਪੰਜਾਬੀ ਸਹਿਤ ਦਾ ਇਤਿਹਾਸ (800 ਤੋਂ 1500 ਈ. ਤੱਕ)	
<b>ਭਾਗ-ਸ</b>	<b>10 hours</b>
4. ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਨਾਲ ਸੰਬੰਧਤ ਪੰਜ ਸੰਕਲਪ-ਅਭਿਧਾ, ਲਕਸ਼ਣਾ, ਵਿਅੰਜਨਾਂ, ਰੂਪਕ, ਉਪਮਾ।	

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion.  
ਪੁਸਤਕਸੂਚੀ :

- ਜਗਬੀਰ ਸਿੰਘ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ(ਆਦਿ ਕਾਲ ਤੇ ਭਗਤੀ ਕਾਲ) ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
- ਪਰਮਿੰਦਰ ਸਿੰਘ, ਕਿਰਪਾਲ ਸਿੰਘ ਕਸੇਲ ਅਤੇ ਗੋਬਿੰਦ ਸਿੰਘ ਲਾਂਬਾ, ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ, ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ ਲੁਧਿਆਣਾ।
- ਸੰਤ ਸਿੰਘ ਸੇਖੋਂ, ਸਮੀਖਿਆ ਪ੍ਰਣਾਲੀਆਂ, ਪੰਜਾਬ ਸਟੇਟ ਟੈਕਸਟ ਬੁੱਕ ਬੋਰਡ, ਚੰਡੀਗੜ੍ਹ।

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**Course Title:** हिन्दीसाहित्यमंजरी

**Course Code:** BAT109

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. प्रेमचंदजीकेउपन्यासोंकेमाध्यमसेछात्रअनमेलविवाहकेदुःखप्रमानोंसेपरिचितहोंगे
2. छात्रों को हिंदी साहित्य के विभिन्न कालों के विभाजन एवं आदि काल की विभिन्न परिस्थितियों की जानकारी होगी
3. छात्रों को रासो ग्रन्थ की जानकारी मिलेगी
4. विद्यार्थियों की हिंदी साहित्य में रूचि उत्पन्न होगी

**Course Content**

**भाग- क**

12 ीवनेते

दीपिका : (काव्य संग्रह) सं० हेमराजनिर्मम, पंजाबीविश्वविद्यालय प्रकाशन

- क. भारतेन्दुहरिष्यन्द्र : यमुना षोभा, भारत, वियोगिनीनारी
- ख. मैथिलीषरणगुप्त : साकेत, दोनोंऔरप्रेमपलताहै, यषोधरा
- ग. जयषंकरप्रसाद : आंसू से, प्रेमपथिक से, आषा
- घ. सूर्यकान्त त्रिपाठीनिराला : जूही की कली, भिक्षुक, विधवा

**भाग- ख**

11 ीवनेते

निर्मला (उपन्यास) (मुंषी प्रेमचंद) राजकमलप्रकाशन, दिल्ली

**भाग- ग**

10 ीवनेते

सजीवकहानियां : सम्पादक डॉ० लक्ष्मीचन्द्र खुराना, पब्लिकेशनब्यूरो, पंजाबविश्वविद्यालय, चण्डीगढ द्वाराप्रकाषितकेवलपांचकहानियां

1. षतरंज के खिलाडी
2. ममता
3. अषिक्षित का हृदय
4. मौत के मुंहमें

**भाग- घ**

12 ीवनेते

हिन्दीसाहित्य का इतिहास : कालविभाजन एवंनामकरण, आदिकालीनपरिस्थितयां (राजनैतिक, धार्मिक, सामाजिक, आर्थिक)

**Transaction Mode**

Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

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सहायकपुस्तकें :

- गुप्त (डॉ.), गणपति चंद्र 'हिंदी साहित्य का वैज्ञानिक इतिहास' (दो खंड), लोकभारती प्रकाशन, इलाहाबाद, पंचम संस्करण, 1999
- 2 नगेंद्र (डॉ.). ( सं), हिंदी साहित्य का इतिहास, मयूर पेपरबैक्स, नोएडा, चौबीसवां संकरण, 1997
- प्रेमचन्द, निर्मला, सस्ता साहित्य मंडल, दिल्ली, 2007
- चतुर्वेदी रामस्वरूप, 'हिंदी साहित्य और संवेदना का विकास' लोकभारती प्रकाशन, इलाहाबाद, नवम संकरण, 1998
- मंगल लालचंद गुप्त 'हिंदी साहित्य का इतिहास', यूनिवर्सिटी बुक सेंटर, कुरुक्षेत्र, द्वितीय संस्करण, 1999
- 6 राय, गोपाल, 'हिंदी कहानी का विकास', राजकमल प्रकाशन, दिल्ली : 2012

**Course Title: Micro Economics**

**Course Code: BAT110**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Describe core micro-economic terms and theories.
2. Comprehend the demand function and production function.
3. Discuss general economic concepts (supply & demand, comparative advantage, opportunity cost, etc.).
4. Explain micro-economic concepts (elasticity, monopoly, price discrimination, etc.).

### Course Content

#### UNIT-I

**12 hour**

**Subject matter of Economics and theory of consumer behavior:** Nature and scope of Economics; Basic Economic Concepts: Wants, Scarcity, Competing Ends and Choice, opportunity cost, marginal changes and efficiency. Utility Analysis: Law of Diminishing Marginal Utility, Law of Equi-Marginal Utility. Law of

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Demand; Movement and shifts in Demand curve. Indifference Curve Analysis: Properties, Consumer Equilibrium, Price, Income and Substitution Effects, Inferior and Giffen Goods. Elasticity of Demand: Price, Income and Cross elasticity; Degrees of Elasticity; Methods of Measuring Price Elasticity of Demand: point, arc and outlay methods.

### UNIT-II

**11 hours**

**Theory of Production:** Concept of Production. Production Function: Linear and Non-Linear Homogeneous Production Function. Scale of Production: Returns to Scale, Law of Variable Proportions, Isoquants, marginal rate of technical substitution, Iso-cost line and firm's equilibrium. Cost structure-Economic costs, Short and long run costs, Cost Curves, Relation between Average and Marginal Cost Curves in Short and Long Run.

### UNIT-III

**10 hours**

**The Market Structure:** Market structure: Market forms – Perfect and imperfect markets and their features. Perfect competition-Price and output determination. Short run and Long run equilibrium of the firm. Price and output determination and Firm's equilibrium under monopoly and duopoly. Price and output determination under monopolistic competition. Introduction to oligopoly and concept of Price Rigidity.

### UNIT-IV

**12 hours**

**Theory of Distribution:** Marginal productivity theory of distribution; Modern Theory of Factor Price. Rent- Ricardian theory, Scarcity rent and Quasi Rent. Wages –Real wages and Money Wages, collective bargaining, Wage differentials. Interest –Classical and the Keynesian theory of Interest. Profit –Gross and Net Profit, Normal profit, accounting profit.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

### Suggested Readings

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

- Singh, J S, Chopra, P N & Grewal, P S (Punjabi Medium). *Price Theory and Distribution*, Latest edition).
- Stonier, A W & Hague, D C. *A Text Book of Economic Theory* (Fourth Edition).
- Samuelson, P A (1972). (trans. Piar Singh): *Arth-ShastarPrarmbhikVishleshan*, Punjabi University, Patiala.
- Koutsoyiannis, A. (1990), *Modern Microeconomics*, Macmillan.
- Lipsey, R G & Chrystal, K A (2004). *Economics*, 10th Edition, Oxford University Press, New Delhi.
- Salvatore, D (2003). *Micro Economics: Theory & Applications*, Oxford University Press, New York.
- Robinson, J (Trans.). *ApuranPrtiyogita Di Arthiki*, Punjabi University, Patiala.
- Manmohan Singh, H K (1971). (Trans. Om ParkashVashisht). *MangSidhant Ate MishratArth-VivsthaVichArthikGanana*, Punjabi University, Patiala.
- Ray, N C (1980). *An Introduction to Microeconomics*, The Macmillan Company of India Ltd, New Delhi.
- Chopra, P N (1998). *Micro Economic Theory and Welfare Economics*, Kalyani Publishers, New Delhi.
- Ahuja, H L (1999). *Advanced Economic Theory*, S. Chand & Co., New Delhi.

**Course Title: Introduction to Sociology**

L	T	P	Cr.
3	0	0	3

**Course Code: BAT111**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Describe the advanced sociological knowledge focusing on the nature, scope and origin of sociology.
2. Identify the relationship of sociology with other social sciences.
3. Distinguish between cultural explanations.
4. Elucidate the role of organizations, community, and process of socialization.

### Course Content

**UNIT-I**

**12 hours**

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

**Sociology:** Origin, Definition, nature and scope of sociology, Definition, nature & scope, Relationship between sociology and other social sciences (Anthropology, Psychology, Economics, History and Political Science)

### UNIT-II

**11 hours**

**Basic Concepts:** Social structure, society, social organization, social group (Primary & Secondary), Reference group, Community & Association

### UNIT-III

**12 hour**

**Norms and values,** status and role, Socialization: Meaning, Process and Agencies, Theories- GH Mead, S Freud, CH Cooley

### UNIT-IV

**10 hours**

**Culture:** Meaning characteristics, material and non-material culture, Culture lag, Culture and Civilization.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration.

#### **Text Books:**

- Bottomore, T.B .1972. *Sociology: A Guide to Problems and Literature*. Bombay: George Allen and Unwin.
- Gisbert, Pascal.1973.*Fundamental of Sociology*. New Delhi: Orient Longman.
- Thomson, Harry. M.1995.*Sociology: A Systematic Introduction*. India: Allied Publishers.
- Rao, Shankar C.N. 2005. *Sociology Part-I*. Jalandhar: New Academic Publishing House,
- Kaur, Swinderjit.2014. *SmajVigyan De MoolSanklp*. Patiala: Punjabi University Publication Bureau.

#### **Suggested Readings:**

- Applebaum, Richard. P.,and William J. Chambliss. 1997.*Sociology*.New York: Addison Welsley Educational Publishers Inc.
- Giddens, Anthony. 2001.*Sociology (Fourth Edition)*. UK: Polity Press.
- Inkeles, Alex. 1982.*Foundations of Modern Sociology*. New Jersey: Prentice Hall, Inc.
- Jayaram, N. 1998. *Introductory Sociology*. India:Macmillan.
- Judge, Paramjit S. 1997. *Samajvigyanik Drishti kontesidhant*. (Punjabi). Patiala: Punjabi University Press.
- Judge, Paramjit Singh. 2012.*Foundation of Classical Sociological Theory: Functionalism, Conflict and Action*. New Delhi: Pearson

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University College of Basic Sciences & Languages (Code:6)

**Course Title: Political Science-I**

**Course Code: BAT112**

L	T	P	Cr
3	0	0	3

**Total Hours 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Illustrate logical arguments about the political phenomena.
2. Identify the questions concerning power, liberal and socialist perspective.
3. Relate political science with other subjects.
4. Classify the political issues of present time and their connectivity with past.

**Course Content**

**UNIT-I**

**12hours**

Political Science: Meaning, definitions, characteristics and scope.  
Traditional Political Theory.  
Difference between political theory and political science.

**UNIT -II**

**11hours**

Relationship between Political Science Economics, History and Sociology.  
The State: meaning, definition, elements and difference between state and government.

**UNIT -III**

**10hours**

Functions of state: Socialist perspective.  
Functions of state: Liberal perspective.  
Welfare state: concept and functions.

**UNIT-IV**

**12hours**

Sovereignty: Meaning, definition, characteristics, types and attributes.  
Theories of Sovereignty: Monistic and Pluralistic

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**Transaction Mode:** Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

### SUGGESTED READINGS

- Lefort, Claude, and David Macey(1988).Democracy and Political Theory,Vol. 225. Cambridge: Polity Press.
- Cohen, Jean L., and Andrew Arato.(1994).Civil society and political theory. MIT press.
- Carnoy, Martin.(2014). The State and political theory. Princeton university press.
- Held, David .(1991).Political Theory today. Stanford University Press.
- Brown, Chris. (2002).Sovereignty, rights and justice: international Political Theory today. Cambridge: Polity.
- D. Easton. (1972.) The Political System, Scientific Book Agency, Calcutta.
- D. Easton.(1965).A System Analysis of Political life, John, Willey.
- Karl W. Deutsch.(1952). The Nerves of Government, The Free, Press, New York.
- Oran R. Young.(1967).Systems of Political Science, Prentice Hall.
- B.L. Fadia: .(1984).State Politics in India, Vol. II, New Delhi, Radint Publisher.
- Laxmikant, M.(2013)Indian Polity, Mchraw Hill Education, New Delhi.

**Course Title: Ancient History**

**Course Code: BAT113**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Understand the various Social & Political concepts and functions working during the Delhi Sultanate.

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2. Understand the Market System and Economic development in this period.
3. Make relationship among various Societies.
4. Understand the administrative setup of Sultanate from central to local level.

### Course Content

#### UNIT-I

12hours

**The Indus Civilization:** Origin; Extent, Main features and the causes of its decline.

**Rig Vedic Civilization:** Original home of the Aryans; Political, Social, Economic and Religious life in the early Vedic period; Development in the later Vedic period.

#### UNIT-II

11hours

**Jainism:** Causes responsible for the rise of new religions; Life and teachings of the Mahavir Swami.

**Buddhism:** Life and Teaching of the Gautam Budha.

#### UNIT-III

10hours

**The Mauryan Empire:** Establishments and Achievements Ashoka's Dhamma, Administration under the Mauryas and their decline.

**The Gupta Empire:** Social, Economic, Culture and Scientific developments under Guptas

#### UNIT-IV

12hours

**Harsha Vardhan:** Harsha Vardhan and Southern Dynasties (Cholas, Pallavs and Rashtrakutas).

Maps: (a) Important Historical places: Taxila, Indraprastha, Kurukshetra, Kannauj, Patliputra, Ujjain, Bodhgaya, Varanasi, Sopara, Ajanta, Ellora, Sanchi, Tanjore, Kanchi, Lothal, Nalanda, Hastinapur, Kalibangan, Harappa and Kalinga. (b) Extent of the Mauryan Empire (c) Gupta Empire under Samundragupta.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

#### Suggested Readings

- Basham, A.L. Wonder That Was India, Calcutta: Rupa, 1992.
- Goyal, S.R., A History of Indian Buddhism, Meerut: Kasumanjli Prakashan, 1987. Habib, Irfan,
- Vivekanand Jha Mauryan India, Delhi: Tulika Books, 2004.
- Jha, D.N., Ancient Indian an Historical Outline, Delhi: Manohar (2<sup>nd</sup> Rev. ed.), 2005.
- Pandey, V.C. and Pandey, A.C. New History of Ancient India, Jalandhar: A.B.C., 1999.

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- Ray Chaudhary, H.C. (re. ed.) by B.N. Mukherjee, Political History of Ancient India, Calcutta: Oxford University Press, 1996.
- Sastri, K.A. Nilakanta, A History of South India, 2<sup>nd</sup> ed., Oxford University Press, 1958.
- Sastri, K.A. Nilakanta, History of South India, from pre-historic times to the fall of vijaynagar, (4<sup>th</sup> ed.), Delhi: Oxford University Press, 1995.
- Sharma, R.S., Aspects of Political Ideas and Institutions in Ancient India, Delhi: MotilalBanarasidas, 1991.
- Sharma, R.S. India's Ancient Past, Delhi: Oxford University Press, 2005.
- Sharma, R.S. Looking for the Aryan, Hyderabad: Orient Longman, 1995.
- Tharpar, Romila Early from the Origin to A.D. 1300, Penguin, 2002.
- Altekar, A.S. State and Government in Ancient India, Delhi: Motilal Banarsidas, 1965.
- Bryant, Edwin, Origin of Vedic Culture, Delhi: Oxford University Press, 2001.
- Charkrabarti, Uma, The Social Dimensions of Early Buddhism, Delhi: Oxford University Press, 1987.
- Chattopadhyaya, B.D. Studying Early India, Delhi: Permanent Black, 2003.
- Goyal, S.R. History of Imperial Guptas, Meerut; Kusumanjali, 1967.
- Jha, D.N. (ed.), Society and Ideology in India, Delhi: Sterling Publisher, 1985.
- Levin-Bongard, G.M., Mauryan India, Delhi: MunshiramManoharlal, 1966.
- Maity, S.K., The Imperial Gupta and their times, Delhi; MotilalBanarsidas, 1975.
- Ratnagar, Shereen, Enquiries into the Political Organization of Harappan Society, Pune: Ravish, 1991.
- Thapar, Romila, Asoka and the decline of the Mauryas, Delhi: Oxford University Press, 1997.

**Course Title: Indian Religion**

**Course Code: BAT114**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

- 1 Understand religious studies, alternately known as the study of religion
- 2 Describe, the concept of historically based, and cross-cultural perspectives.

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3 Understand that, an etymological analysis alone does not resolve the ambiguity of defining religion, since each verb points to a different understanding of what religion is.

4 Know that during the Medieval Period, the term religious was used as a noun to describe someone who had joined a monastic order (a religion).

### Course Content

#### UNIT - I

12hours

1.  $vYidkDrmdljwx-pCwx$
2.  $vYidkdyvqy:-vrux, Agnl, ieMdr$
3.  $bllAqyX\sim g$

#### UNIT - II

11hours

4.  $BgvwnmhWvlr:-jlvnqyivrqWq$
5.  $is\sim iKAwwW:-iqMnrqn$
6.  $pMjmhWvrq:-AihMsw, s\sim c, AsqyX, ApirgRhAqybRhmcrX$

#### UNIT - III

10hours

7. ਭਗਵਾਨਬੁੱਧ:-ਜੀਵਨਅਤੇਸਿੱਖਿਆਵਾਂ
8. ਚਾਰਆਰੀਯਾਸਤ:-ਦੁੱਖ, ਦੁੱਖਾਂਦਾਕਾਰਨ, ਦੁੱਖਦੀਨਵਿਰਤੀਅਤੇਦੁੱਖਨਵਿਰਤੀਦਾਮਾਰਗ।
9. ਅਸਟਾਂਗਮਾਰਗ।

#### UNIT - IV

12hours

10.  $jnmsMskwr (jYnDrm, bu\sim DDrm, AqyihMdUDrm)$
11.  $DrmpirvySsMskwr (jYnDrmAqybu\sim DDrm)$
12.  $imRqksMskwr (ihMdUDrm)$

ਟ੍ਰਾਂਜੈਕਸ਼ਨ ਮੋਡ: ਲੈਕਚਰ, ਸਮੱਸਿਆ ਹੱਲ, ਮਿਸ਼ਰਤ ਸਿਖਲਾਈ, ਚਰਚਾ ਅਤੇ ਪ੍ਰਦਰਸ਼ਨ, ਅਤੇ ਕੇਸ ਅਧਿਐਨ।

### Suggested Readings

1.  $gurmiqivcwrDwrw, pRlqmisMG,SGPC,sRIAMimRqsrswihb[$
2.  $is\sim Kieiqhws, fw. gMfwisMG, ipRM. qyjwiMsMG, pMjwbIXUnlvristl,pitAwlw[$
3.  $ivSvDrmsMgRih:-fw. AYm. AYljosl, pbllySnibauro, pMjwbIXUnlvristl, pitAwlw)$
4. **Punjab Past and Present** (Special Issue), Dr. Ganda Singh

**Course Title: Math-1(Matrices and Coordinate geometry)**

L	T	P	Cr.
3	0	0	3

**Course Code: BAT115**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Grasp the basics of Matrices and coordinate geometry including applied aspect for enhancing quantitative skills and pursuing higher mathematics and research as well.
2. Develop a wide-ranging application of the subject and enlarge the knowledge of matrices for solving linear homogeneous and as well as non-homogeneous system of equations.
3. Equip themselves with necessary analytic and technical skills by applying the principles of geometry, also learns to solve a variety of practical problems in science and engineering.
4. Acquire the standard concepts and tools at an intermediate to advance level of geometrical techniques that will serve towards taking more advance level course in mathematics.

### **Course Content**

#### **UNIT I**

**12hours**

Matrix introduction, matrix operations with their properties, symmetric, skew-symmetric, Hermitian and skew- Hermitian matrices, idempotent, nilpotent, involuntary, orthogonal and unitary matrices, singular and non-singular matrices, elementary operations on matrices, adjoint and inverse of a matrix, singular and non-singular matrices, Trace of a matrix.

#### **UNIT II**

**11hours**

Rank of a matrix, elementary transformations of a matrix, elementary matrices, rank of the sum and product of two matrices, inverse of a non-singular matrix through elementary row transformations, equivalence of matrices.

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Solutions of a system of linear equations, condition of consistency and nature of the general solution of a system of linear non homogeneous equations.

### UNIT III

**11 hours**

**Circle:** General equation of circle, circle through intersection of two lines, Tangents and Normals, Chord of contact, pole and polar, pair of tangents from a point, equation of chord in terms of midpoint, angle of intersection and orthogonality

**Parabola:** General equation of Parabola, Properties of Parabola, parametric representation of Parabola, tangents, normal

### UNIT-IV

**11 hours**

**Ellipse:** Properties of ellipse, parametric representation of ellipse, tangents and normals.

**Hyperbola:** Properties of hyperbola, parametric representation of hyperbola, asymptotes of hyperbola, Conjugate hyperbola, tangents and normals.

**Transaction Mode-** Video Based Teaching, Collaborative teaching, Group Discussion, ted talks, E team Teaching, Flipped Teaching, Quiz, Open talk, Case analysis.

### Suggested Readings

- Hari Kishan, (2008), *A Textbook of Matrices*, Atlantic Publishers.
- Fuzhen Zhang, (1999), *Matrix Theory- Basic Results and Techniques*, Springer.
- Shanti Narayan, P.K. Mittal, (2010), *A Textbook of Matrices*, S Chand & Company.
- R.G. Bartle & D.R. Sherbert, (1999), *Introduction to Real Analysis*, John Wiley & Sons.
- T.M. Apostol, (1974), Vol. I, John Wiley & Sons Inc.
- Ajit Kumar and S. Kumaresan, (2019), *A Basic Course in Real Analysis*, CRC Press.
- S. Balachandra Rao & C. K. Shantha, (1992), *Differential Calculus*, New Age Publication.
- H. Anton, I. Birens and S. Davis, (2007), *Calculus*, John Wiley and Sons, Inc.
- G.B. Thomas and R.L. Finney, (2010), *Calculus*, Pearson Education.
- P.K. Jain and Khalil Ahmad: *A Text Book of Analytical Geometry of two Dimensions*, Wiley Eastern Ltd. 1994.

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- Gorakh Prasad and H. C. Gupta: Text Book on Coordinate Geometry, Pothishala Pvt. Ltd., Allahabad. 2000.
- Suggested digital platform: NPTEL/SWAYAM/MOOCs
- Suggested digital platform: NPTEL/SWAYAM/MOOCs.

**Course Title: Physical Education**

**Course Code: BAT116**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Identify the aims, objectives, history and scope of physical education
2. **Demonstrate personal and environmental hygiene**
3. Learn about the organization and management of various national and international level sports events as well as the sports councils
4. Recognize the national level sports awards

### Course Content

#### Theory

##### UNIT-I

**12hours**

**Physical Education:** -Meaning, aims, objectives, Scope importance and misconceptions of Physical Education.

**Explanation of terms in Physical Education:** - Recreation, Physical culture coaching, Physical training, Dance

**Education:** - Meaning, objective and relationship with Physical Education.

##### UNIT-II

**10hours**

**Health Education:** - Meaning, scope, Objectives, Principles, importance and factor influence health.

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**Healthful school environment:** - importance of school site, building, water supply, sanitation, light, ventilation, furniture and playground in healthful school living

**Personal Hygiene:** - Meaning, need and importance of rest, relaxation and sleep.

### UNIT-III

**13hours**

**Post- Independence history of Physical Education in India:** - National Sports day, NSNIS, SAI Punjab sports department, sports organization in India (Association and Federation) IOA, IOC and YMCA.

**Indian National Games:** - Organization, management & salient features.

**Sports Award:** - Arjun Award, Dronacharaya Award, Rajiv Gandhi Khel Ratna Award, Dhyanchand, Maulana abul Kalam Azad Award.

### UNIT-IV

**10hours**

**Sports Board of Councils:** - The contribution of Indian council of sports, Central advisory board in physical education, National fitness crops, National discipline scheme, Rajkumari Amrit Kaur Coaching Scheme.

**Asian Games, Commonwealth & SAF Games:** - Organization, management & salient features.

**Olympic Games:** - Organization, administration and ceremonies of Ancient and Modern Olympic Games.

### Practical

Short Distance Running/ Sprints	8M (Any One Race)
Long Jump	8M (Any One Style)
Shot put	8M (Any One Style)
Kabaddi, Badminton, Football	16M (Any One Game)

### Suggested Readings

- Dr. G. S. Kang, Health, Physical Education & Sports,
- Dr. Nishan Singh Deol General Science by S. Chanel.
- Kamlesh, M. L. & Sangral M. S. Principles and History of Physical Education, 1977.
- Environmental Studies: V.K. Khosla, Mrs. Kanta Khosla, Dr. R. S. Rattan
- Environmental Education: Mrs. Saroj Sobti, Surjit Singh

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**Course Title: Basic of Design and Illustration**

**Course Code: BAT117**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>2</b>	<b>0</b>	<b>2</b>	<b>3</b>

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Learn about the tools and equipment's used to make patterns and sewing of fabrics.
2. Functionality of different types of sewing machines, their parts, working and maintenance related to Entrepreneurship
3. Understand about different kinds of pattern developing, grading methods and techniques.
4. Understand Fabric layout and handling of special fabric. Course Content

**Course Content**

**UNIT-I**

**12hours**

Introduction Garment Manufacturing Technology

Surface Design Techniques

**UNIT-II**

**13hours**

Design Illustration

Knitwear Design Technology

**UNIT-III**

**11hours**

Visual Design- Principles and Applications

Elements of Fashion

**UNIT-IV**

**9hours**

International Fashion Marketing

Graphic Design

Garment Construction

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**Transaction Mode:** Group Discussions, Questions, Project Based Learning, Video Based Teaching

### Suggested Readings:

- Mullick, Lata Prem, 2010 *Garment Construction Skills*, Kalyani Publishers, New Delhi
- Carr Harold & Latham Barbara, 2008, *The Technology of Clothing Manufacture*, Oxford

**Course Title: Introduction to Home Science**

**Course Code: BAT118**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Develop an understanding of the structure, objectives, scope and opportunities for vocalization of Home Science
2. Provide the knowledge of different areas associated with the Home Science
3. Gain the knowledge of Child Development Services of India
4. Develop the skills for practical use of home science in each aspect of life.

### Course Content

#### THEORY

##### UNIT-I

**12hours**

Meaning, definitions and structure of Home Science.

Importance of Home Science education.

Aims of teaching Home Science.

##### UNIT-II

**11 hours**

Concept and Scope of Home Science

Reasons for vocalization of Home Science.

##### UNIT-III

**09 hours**

Correlation of Home Science with other subjects.

Broad areas of Home Science.

**UNIT-IV**

**13 hours**

Home Science in Action Programme-

- (a) Applied Nutrition Programme,
- (b) School Meal Programmes,
- (c) Integrated Child Development Services,
- (d) Supplementary foods developed in India- Indian multipurpose food, malt, Bal Ahar, Supplementary food NIN, Supplementary food ( AHSCW)

Job opportunities in Home Science.

**PRACTICAL**

1. Make Samples of the following:
  - (a) Tacking, running stitch, hemming, back-stitch, button hole stitch, fasteners.
  - (b) Seams-Flat seam, counter hem, montua maker, run and fell, French seam.
  - (c) Processes- Continuous wrap, two piece placket opening, pleats, gathers into band.
2. Embroidery-Make a sample of 10 embroidery stitches.
3. Taking body measurements.
4. Drafting and construction of the following:
  - 1) Child's Bodice Block – Child's Frock
  - 2) Jangia, Bloomer
  - 3) Adult Bodice Block and Plain sleeve block.
  - 4) Petticoat/Apron
  - 5) Salwar and Kameez/Kurta-Pyzama

**Suggested Readings**

- Devadas, Rajamal, P. Text Book of Home Science, Farm Information Unit, Directorate of Extension, Ministry of Agriculture, New Delhi 1968.
- Devadas, Rajamal, P. The meaning of Home Science, Sri Avinashilingam Home Science College, Coimbatore, 1973.
- Devadas, Rajamal, P. Methods of teaching Home Science, National Council of Education Research and Training, Delhi 1977.

**GURU KASHI UNIVERSITY**

University College of Basic Sciences & Languages (Code:6)

**Course Title: Music**

**Course Code: BAT119**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>2</b>	<b>0</b>	<b>2</b>	<b>3</b>

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Understand the basic terminologies of Indian music.
2. Write the practical composition according to the notation system
3. Write the practical composition according to the notation system
4. Studies about the theoretical aspects of ragas.
5. Know the importance of Taal and Lay in instrument music.

**Course Content**

**UNIT-I**

**12hours**

1. Historical development of music in the following periods:  
a) Vedic period    b) Natyashastra period
2. Definition and explanation of the following musical term:  
Sangeet, Naad, Swara, Saptak, Taal, Laya.

**UNIT-II**

**10hours**

1. Importance of Taal and Lay in instrument music.
2. Biographical sketch and contribution towards Indian music of the following:  
a) Tansen                      b) Pandit Vishnu Narayan Bhatknde

**UNIT-III**

**13hours**

1. Biographical Sketches and Contribution of the Following:  
a) Pt. Jasraj                      b) Ustad Amir Khan
2. Elementary Knowledge of the following Ragas  
a. A) Darbari                      b) Bhairav

**UNIT-IV**

**10hours**

1. Importance of SahayakNad.  
**10**Methods of formation of 72 Thatas of Dakhani Music system of Pandit Vyakant Makhi.

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2. Detailed Description and notation of prescribed Ragas:

- a) Vrindavani Sarang                      b) Asawari

**Transaction Mode:** Lecture, Problem Solving, Discussion, Demonstration

### Suggested Readings

- Dr.Davinder Kaur:                      (1 January 2017) *SangeetRoop( Part-I)*
- Dr. Premlata Sharma:    (1 January 2014) *Sangeet Manual*
- Dr. Yaspal Sharma:                      (1998) *Gayan Kalan*
- Dr.SumanLata:                      (1997) *Hindustani  
ShastrisangeetSidhantavamVyavhar*

### Semester-II

**Course Title: English**

**Course Code: BAT201**

L	T	P	Cr
4	0	0	4

**Total hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Have a concept of the various genres of English literature
2. Internalize the grammar and appropriate vocabulary of English language.
3. Draft letters, applications, essays and reports.
4. Use the literary devices in writing.

### Course Content

**UNIT-I**

**16 hours**

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1 Prose Parables (Orient Blackswan, 2013)-The following stories from the above volume are prescribed:

- The Face on the wall: E.V. Lucas
- Green Parrots in a Cage
- The Doll's House
- My Brother, My Brother: Norah Burke
- Dusk

### UNIT-II

**17 hours**

2 The Poetic Palette (Orient Blackswan, 2013)

The following poems from this anthology are prescribed:

- Letter From Kashmir: Agha Shahid Ali
- Stopping by the Woods on a Snowy Evening: Robert Frost
- I Sit and Look Out: Walt Whitman
- The Old Woman: Arun Kolatkar
- Poetry: Pablo Neruda
- After Blenheim: Robert Southey

### UNIT-III

**16 hours**

3 Texts Prescribed for Grammar

Oxford Practice Grammar by John Eastwood (Exercises 01 to 25)

### UNIT-IV

**11 hours**

4 Writing skills

Report Writing

Applications: Commercial

Essays

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

### Suggested Readings

- Best, Wilfred D. *The Student's Companion*, The Pearson Education, 1983.
- Eastwood, John. *Oxford Practice Grammar*, OUP, 2004.

**Course Title:** *pMjwbl*

L	T	P	Cr.
4	0	0	4

**Course Code:** BAC202

**Total hours: 60**

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University College of Basic Sciences & Languages (Code:6)

**Course Outcomes: On successful completion of this course, the students will be able to**

1. AwDuinkivigAwnkvwrqkbwryjwxkwrlpRdwnkrnw[
2. pMjwblBwSwdlivAwkrnbwryjwxkwrlpRdwnkrnw[
3. pMjwblIdISbdwbllicvwDwkrnw[
4. pMjwblBwSwdyigAwnivcvwDwkrnw[

**Course Content**

**Bwg-a** **12 hours**

1. AwDinkpMjwblvwrqkjwx-pCwx

**Bwg- A** **18 hours**

2. vwrqkivvyk, rwijMdrpwlisMGbrwVAqyfw. jgqwrismGjogw (sMpwdk)

**Bwg-e** **15 hours**

3. dPqrlp`qr [

4. noitslyKxAqysmwcwrlyKx[

5. pRYslrcnw[

**Bwg-s** **15 hours**

6. Sbd-SRyxIAW[

7. pMjwblBwSwdlvwkbxqr

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion

pusqksUcl

- rwijMdrpwlisMGbrwVAqyfw.jgqwrismGjogw (sMpwdk): vwrqkivvyk, pbllykySnibauropMjwblXUnlvristl, pitAwlw[
- joigMdrismGpuAwr, bldyvisMGclmw,  
suKivMdrismGsmGwAqyvydAgnlhoqrl, pMjwblBwSwdwivAwkrn (Bwg-pihlw), pMjwblBwSwAkwdml, jIMDr[

**GURU KASHI UNIVERSITY**

University College of Basic Sciences & Languages (Code:6)

**Course Title: Punjab History & Culture**

**Course Code: BAT203**

L	T	P	Cr
4	0	0	4

**Total hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Study the Punjab can boast of a glorious past and the study of the history of Ancient Punjab is a subject in itself
2. The study of Ancient Punjab History is important to those who want to understand the true nature of the past and also to those who seek to understand the nature of obstacles that impede Punjab's progress as a nation.
3. Develop understanding the Administration and politics of the ruler in Ancient Punjab.
4. Study about the Bhakti Movement in Punjab.

**Course Content**

**UNIT-I**

**16 hours**

1. Punjab under Mauryas.
2. The Punjab under the Gupta Emperors.

**UNIT-II**

**17 hours**

3. Punjab under the Vardhan Emperors.
4. The Punjab from 7<sup>th</sup> Century to 1000 AD (A survey of Political and Socio-cultural history of Punjab).

**UNIT-III**

**16 hours**

5. The Punjab under Turke-Afghan Sultans.
6. The Punjab under the Great Mughals.

**UNIT-IV**

**11 hours**

7. Development of Art and Architecture up to 1000 AD.
8. Salient features of the Bhakti movement.

**Course Title: Fundamentals of Computer-II**

L	T	P	Cr.
0	0	4	2

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Classify binary, hexadecimal and octal number system and their arithmetic operations.
2. Analyze the concept of computer devices and recognition of the basic terms used in computer programming.
3. Identify and learn the details of the components of a personal computer system.
4. Demonstrate the functions of computer programming languages.
5. Utilize the Internet Web resources.

### **Course Content**

#### **UNIT-I**

**4 hours**

**Computer languages:** Machine language, assembly language, higher level language, 4GL. Introduction to Compiler, Interpreter, Assembler, Assembling, System Software, Application Software.

#### **UNIT-II**

**4 hours**

**MS Word:** Introduction, Creating & Editing Word Document. Saving Document, Working with Text: Selecting, Formatting, Aligning, Finding Replacing Text, Bullets & Numbering, Header & Footer, Working with Tables, Properties Using spell checker, Grammar, AutoCorrect Feature, Graphics: Inserting Pictures, Clipart, Drawing Objects, Setting page size and margins; Printing documents, Mail-Merge.

#### **UNIT-III**

**3 hours**

**MS-Excel:** Environment, Creating, Opening & Saving Workbook, Range of Cells, Formatting Cells, Functions: Mathematical, Logical, Date Time, Auto Sum, Formulas. Graphs: Charts. Types & Chart Tool Bar, Printing: Page Layout, Header and Footer Tab.

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### UNIT-IV

**4 hours**

**MS PowerPoint:** Environment, Creating and Editing presentation, Auto content wizard using built-in templates, Types of Views: Normal, Outline, Slide, Slide Sorter, Slide Show, Creating, customized templates; formatting presentations, AutoShapes, adding multimedia contents, printing slides

**Internet:** Basic Internet terms: Web Page, Website, Home page, Browser, URL, Hypertext, Web Server, Applications: WWW, e-mail, Instant Messaging, Videoconferencing.

**Transaction Mode:** Video based Teaching, Collaborative Teaching, Cooperative Teaching, Case based Teaching, Power point Presentation.

### Suggested Readings

- Sinha P.K. and Sinha P. (2002). *Foundations of Computing*, First Edition, BPB.
- Sanders D.H. (1988). *Computers Today*, Fourth Edition, McGraw Hill.
- Rajaraman V. (1996). *Fundamentals of Computers*, Second Edition, Prentice Hall of India, New Delhi.
- Jain Satish (1999). *Information Technology*, Paperback Edition, BPB.

**Course Title: Translation**

**Course Code: BAT205**

L	T	P	Cr
1	0	0	1

**Total Hours: 15**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Understand the process of translation across the various disciplines.
2. Acquainted with the important translation theories.
3. Learn about the translation theory and its applications like Language variety.
4. Be familiar with the Major writings of Translation studies.

### Course Content

#### UNIT-I

**2 hours**

Definition & Types of Translation

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### UNIT-II

**4 hours**

Basic concepts and terms used in Translation Studies: Language variety

### UNIT-III

**5 hours**

Role of Translation & Need of Translation

### UNIT-IV

**4 hours**

Theories of Translation- Literary and Natural Translation

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

### Suggested Readings

- Baker, Mona and Gabriela Saldanha. *Routledge Encyclopedia of Translation Studies*. Routledge, 2011.
- Venuti, Lawrence (ed.). *The Translation Studies*. Routledge, 2012.
- Kuhiwczak, Piotr and Karin Littau (ed.). *A Companion to Translation Studies by Multilingual Matters*. Cromwell Publishers, 2007.
- 4. Baker, Mona. *Critical Readings in Translation Studies*. Routledge, 2009

**Course Title: Ethics & Values**

**Course Code: BAT206**

L	T	P	Cr.
2	0	0	2

**Total Hours: 30**

**Course Outcomes: On successful completion of this course, the students will be able to**

1. nYiqkqwdwigAwnpYdwkrnw
2. BwrqlprMprwAqyigAwnbwryjwxkwrlidyxw
3. nYiqkqwnUMivhwrkqwivclwgUkrnw[
4. jlvnivesMjm, swdglAqycMgyjlvnbwryigAwndyxw

### Course Content

*Bwg-a*

**10hours**

1. isDWqkpirpyK
2. nYiqkqwdwsMklp

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3. BwrqlprMprwqynYiqkqw

**Bwg-A**

**6**

**hours**

4. DrmAqynYiqkqw

5. smwjAqynYiqkqw

**Bwg-e**

**6**

**hours**

6. swihqAqynYiqk qw

7. sMjmAqyswdgl

**Bwg-s**

**8**

**hours**

8. inmrqwAqySWq subway

9. svYmwnAqyjlvnmnorQ

10. srb-sWJlvwlqw

**ਦ੍ਰਾਜੈਕਸ਼ਨਮੋਡ:** ਲੈਕਚਰ, ਸਮੱਸਿਆਹੱਲ, ਮਿਸ਼ਰਤਸਿਖਲਾਈ, ਚਰਚਾਅਤੇਪ੍ਰਦਰਸ਼ਨ, ਅਤੇਕੇਸਅਧਿਐਨ।

**shwiekpusqkW**

- nYqikqWAqyswihqkpRvcn, pRo.hrbMSisMGil~t (fw.)
- DrmAqysmwjie`kAiDAYn, jsblrisMGB~lw
- DrmdrSn, mnjlqisMG
- kdrW-klmqWdlis~iKAw, prmjlkOrsMDU
- mwrgmoql, gurUgoibMdisMGst~flsrkl

**Course Title: English literature**

**Course Code: BAT207**

L	T	P	Cr
3	0	0	3

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**Total hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Describe literary terms related to Prose.
2. Write and appreciate different types of Prose.
3. Analyze, interpret and critically evaluate a piece of literature.
4. Form an idea about the various stages in the development of English language.

**Course Content**

**UNIT-I** **11 hours**

**Prescribed Texts:**

A Choice of Short Stories eds. Shakti Batran and P. S. Sidhu.

**UNIT-II** **13 hours**

**Terms pertaining to Prose:**

1. Novel
2. Short story
3. Plot and character
4. Protagonist
5. Gothic novel
6. The Epistolary novel
7. Conflict
8. Biography
9. The Historical novel
10. The Regional novel
11. Episode
12. Adventure novel
13. The Picaresque Novel

**UNIT-III** **11 hours**

Wuthering Heights: Emily Bronte

**UNIT-IV** **10 hours**

*Emma* - Jane Austen

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

**Suggested Readings**

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- Abrams, M.H. *A Glossary of Literary Terms*, Cengage Learning India, 2015.
- *Twentieth Century Reader's Guide to Literacy Terms*, OUP, 1997.
- Brontë, Emily, *Wuthering Heights*. Penguin Books, 2003.
- Austen, Jane. *Emma*. Penguin Books, 2003.

**Course Title:** *coxvINpMjwbl*

L	T	P	Cr.
3	0	0	3

**Course Code:** BAT208

**Total hours:** 45

**Course Outcomes:** On successful completion of this course, the students will be able to

1. *pMjwblkhwxlbwryjwxkwrl dyxw* [
2. *pMjwblivAwkrndyq`qWbwryjwxkwrl dyxw* [
3. *pMjwblDunlivauNqbwryjwxkwrlpRdwnkrnw* [
4. *pMjwblBwSwdyigAwnivcvwDwkrnw* [

### Course Content

*Bwg-a*

**10 hours**

1. *pMjwblkhwxlnwlmuflljwx-pCwx* [

*Bwg-A*

**15 hours**

2. *kQwsMswrsMpwdk:jsivMdrisMG,gurmuKisMG, pblkySnibauropMjwblXUnlvristl, pitAwlw* [

*Bwg-e*

**hours**

**10**

3. *ਭਾਸ਼ਾ ਦਾ ਨਵਮਕਰਨ, ipCokVAqyinkws* [
4. *pMjwblBwSwdwivkws (m`DkwLAqyAwDuinkXug)* [
5. *pMjwblBwSwdlswrQkqw, ieiqhwsAqyswihqkivrwsq* [

*Bwg-s*

**10 hours**

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- 6. pMjwbIDunivauNq
- 7. ਗੁਰਮੁੱਖੀ ਲਿੱਪੀ ਦੀ ਬਣਤਰ

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion

pusqksUcl

- rqnisMGj`gl (sMpwdk): pMjwbIswihqdw m`Dkwllnieiqhws, pblIkySnibauropMjwbIXUnlvristl, pitAwlw[
- jsivMdrisMG, gurmuKisMG (sMpwdk), kQwsMswr, pblIkySnibauropMjwbIXUnlvristl, pitAwlw[
- joigMdrisMGpuAwr, bldyvisMGclmw, suKivMdrisMGsMGwAqyvydAgnlhoqrl, pMjwbIBwSwdwivAwkrn (Bwg-dUjw),pMjwbIBwSwAkwdml, jIMDr[

**Course Title:** fgUnhO;kdj.k ,oaf0/kkxrifjp;

L	T	P	Cr.
3	0	0	3

**Course Code:** BAT209

**Total Hours:** 45

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. छात्रों को हिंदी की विभिन्न विधाओं का ज्ञान होगा
2. छात्रों को हिंदी व्याकरण का सूक्ष्म ज्ञान होगा
3. निबंध लेखन द्वारा उनकी कल्पनात्मक एवं सृजनात्मक शक्तियों का विकास होगा
4. छात्रोंकीहिंदीशब्दावलीकाविकासहोगा

**Course Content**

Hkkx& d

12

hours

fo/kkxrifjp; %

d- ,dkadh % mRif` k] Lo#i] ifjHkkÔk ,oar`o

[k- fucU/k % Lo#i] Hksn] ifjHkkÔk ,oar`o

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x- miU;kl % ifjHkkÔk] Hksn ,oarÙo

?k- dgkuh % ifjHkkÔk ,oarÙo

**Hkkx& [k**

**11 hours**

vyadjk % vuqizkl] 'ysÔ] oØksfDr] miei] #id

eqgkojs ,oayksdksfDr;ka] 'kq}&v'kq}] i;kZ;okph] foifjrkFkZd 'kCn] vusdkFkZd  
'kCn] izR;;

**Hkkx& x**

**10 hours**

laKk] loZuke] fo'ksÔ.k] fØ;k] fØ;k&fo'ksÔ.k ¼4dsoy ifjHkkÔ ,oaHksnmnkgj.klfgr)  
vifBri|ka'k

**Hkkx& ?k**

**12 hours**

fucU/k

izkFkZuki=

**Transaction Mode:** Lecture, Group Discussion, Quiz, Open Talk, Self-study,  
Assignment

**lgk;diqLrdsa %**

- भावुक कृष्ण )डॉ(., 'हिंदी भाषा का इतिहास', अशोक प्रकाशन, दिल्ली, 1997
- तिवारी भोलनाथ )डॉ(., 'हिंदी भाषा', किताब महल, इलाहाबाद, प्रथम संस्करण, 1966
- तिवारी भोलनाथ )डॉ(., 'भाषा विज्ञान', किताब महल, इलाहाबाद, प्रथम संस्करण, 1951
- शास्त्री रामचंद्र वर्मा )डॉ ( .एवं डॉ .माया अग्रवाल, भाषा-विज्ञान एवं हिंदी भाषा, अनीता प्रकाशन, दिल्ली , 1994
- बाहरी हरदेव )डॉ(., 'हिंदी :उद्भव, विकास और रूप', किताब महल, इलाहाबाद, प्रथम संस्करण 1965

**GURU KASHI UNIVERSITY**

University College of Basic Sciences & Languages (Code:6)

**Course Title: Indian Economy**

**Course Code: BAT210**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Develop ideas of the basic characteristics of Indian economy, its potential on natural resources.
2. Measure the problems prospects of cottage and small scale industries, and Industrial sicknesses.
3. Aware about importance of agriculture in Indian economy and land reforms.
4. Analyse Planning Programmes of the Indian Economy.

**Course Content**

**UNIT-I**

**09 hours**

**Indian Economy and Agriculture Sector:** Structure of the Indian Economy India: developing economy – features. National Income of India – estimates, trends, growth, structure and limitations. Agriculture: Nature and importance: Trends and factors determining in agricultural production and productivity; green revolution; Problems and prospects. Land Reforms. Agricultural marketing and Agricultural Price policy in agriculture. Agriculture and WTO.

**UNIT-II**

**12 hours**

**Industry Sector:** Industry: Industrial development and policies since independence; Industrial Policy of 1991; Industrial licensing policy – MRTP Act, FERA and FEMA. Growth and problems of small-scale industries; Role of public sector enterprises in India's industrialization – recent policy towards public sector. Recent Government policies; Skill India, Start-up and Make in India.

**UNIT-III**

**11 hours**

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

**External Sector:** Role of foreign trade: Trends in exports and imports; Composition and direction of India's foreign trade. Balance of payments crisis and the new economic reforms –Export promotion measures and the new trade policies. Foreign capital – FDI, aid; Multinational corporations (MNCs) and their impact on Indian Economy. SWADESHI and its relevance. **UNIT-IV**

**13 hours**

**Indian Economic Problems:** Broad demographic features – Population size and growth rates, sex composition; rural urban migration, occupational distribution; Problem of overpopulation; Population policy in India. Current Challenges of Poverty in India: definition and estimate, poverty line, poverty alleviation programs after 1991. Inequality: income and regional inequality – causes and corrective measures adopted in India. Unemployment in India: measuring Unemployment, magnitude – causes & consequences – major employment programmes after 1991– structure & emerging trends in employment. Environmental challenges in India: Land, water and air.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

### Suggested Readings

- Dhar, P K (1999). *Indian Economy*, Kalyani Publishers, Ludhiana.
- Aggarwal, A N. *Indian Economy*, Wiley Eastern Ltd.
- Datt, R & Sundram, K P M. *Indian Economy*, S. Chand & Co. (Latest Edition).
- Soni, R N. *Leading Issues in Agriculture Economics*, Sohan Lal Nagin Chand & Sons.
- Ghosh, A (Trans. Avtar Narinder Singh) : *Bhartiy Arth Vivstha*, Punjabi University, Patiala.
- Singh, C G. *Bharti Arth Shastar*, Punjabi University, Patiala.
- Misra, S K & Puri, V K (English & Hindi Medium). *Indian Economy*, Himalya Publishing House, Mumbai (Latest Edition).
- Tandon, B B & Tandon, K K (1998). *Indian Economy*, Tata McGraw Hills Pub. Co., New Delhi.

L	T	P	Cr.
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**GURU KASHI UNIVERSITY**

University College of Basic Sciences & Languages (Code:6)

**Course Title: Principles of Sociology**

<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>
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**Course Code: BAT211**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Comprehend the concept of social interaction.
2. Recognize the associative and dis-associative social process.
3. Identify and differentiate the characteristics of primary, secondary and reference social groups.
4. Analyze the importance social institutions, social control and social deviance.

**Course Content**

**UNIT-I**

**12 hours**

**Social Interaction and Social Processes:** Concepts of social interaction and social processes, Types of social processes: Integrative and Disintegrative (Cooperation, Accommodation, Assimilation, Competition and Conflict).

**UNIT-II**

**11 hours**

**Social Groups:** Definition, characteristics, Types: (Primary and secondary, in group and out-group).

**UNIT-III**

**12 hours**

**Social Institution:** Marriage (Definition and functions, changing patterns), Family: (Definition and functions, changing patterns), Emerging Crisis in Social Relationships, Religion (Definition and functions).

**UNIT-IV**

**10 hours**

**Social Control:** Meaning and agencies of social control, Social Deviance: Meaning, factors.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion &

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University College of Basic Sciences & Languages (Code:6)

Demonstration.

### Text Books

- Rao, Shankar C.N.2005.*Sociology Part-I*.Jalandhar: New Academic Publishing House.
- Giddens, Anthony .2001.*Sociology*. London: Polity.
- Haralambos, M .1980.*Sociology: Themes and Perspective*.London: Oxford University Press

### Suggested Readings

- Davis, Kingsley.1978. *Human Society*. London: Mac Millan Company.
- Jayaram, N.1988. *Introductory Sociology*. Madras: Macmillan India.
- Johnson, Harry, M. 1980. *A Systematic introduction*. Delhi: Allied Publishers.
- Mair, Lucy.1972. *An Introduction to Social Anthropology*. London: Oxford Clarendon Press.
- Mujamdar, D.N. & Madam T.N. 1956. *An Introduction to Social Anthropology*. Bombay: Asian Publishing House.
- Schaefer, Richard T. 1999. *Sociology*. New Delhi: Tata Mc Graw-Hill.
- Srinivas, M.N. 1995. *Social change in Modern India*. New Delhi: Orient Longman.
- Srivastava, A.R.N. 2005. *Essentials of Cultural Anthropology*, New Delhi: Prentice Hall of India.

**Course Title: Political Science-II**

L	T	P	Cr
3	0	0	3

**Course Code: BAT212**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Discuss universal declaration of human rights and its importance in social life.
2. Justify the concepts that have shaped politics, including Equality,

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

Liberty, Individuality, Democracy and Justice.

3. Compare Political Culture with Political Socialization.
4. Categorize fundamental rights, duties and directive principle of state policy in social life.

### Course Content

#### UNIT-I

**13 hours**

Political System: Meaning, characteristics and Scope

Political Culture: Meaning, Characteristics and Types.

Political Socialization: Meaning, characteristics & agencies.

#### UNIT-II

**12 hours**

Rights & Duties: Meaning, types & its relationship

Universal Declaration of Human Rights and its classification.

Democracy: Meaning, features, & types.

#### UNIT-III

**11 hours**

Liberty: Meaning, types and its safeguards.

Equality: Meaning, types, relationship between liberty and equality.

#### UNIT-IV

**09 hours**

Justice: meaning and its various dimensions.

Social Change: Meaning and its various dimensions and Theories.

**Transaction Mode:** Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

#### Suggested Readings

- Baker, Donald G.(1971). "Political Socialization: Parameters & Predispositions.
- Meyer, David S, and Deana A. Rohlinger.(2012). "Big books and social movements: A myth of ideas and social change." Social problems .
- Lefort, Claude, and David Macey.(1988). Democracy and political theory. Vol. 225. Cambridge: Polity Press.
- Cohen, Jean L., and Andrew Arato.(1994). Civil society and political theory. MIT press.

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- Carnoy, Martin.(2014). The state and political theory. Princeton university press.
- Robert A. Dahl.(1972).Modern Political Analysis, Prentice Hall, New Delhi.
- Davies & Lewis.(1972).Models of Political Systems, Vikas, New Delhi.
- Stephen L. Wasby.(1972).Political Science: The Discipline and its Dimensions, Scientific Book Agency.
- B.L. Fadia.(1984). State Politics in India, Vol. II, New Delhi, Radint Publisher.
- Laxmikant, M.(2013). Indian Polity, Mchraw Hill Education, New Delhi.
- R. Kothari.(1988).State against Democracy: In Search of Human Governance, Delhi, Ajantha.
- R. Kothari .(1970). Politics in India, New Delhi, Orient Longman.
- Nirja G., P. B. Mehta.(2010).The Oxford Companies to Politics in India, Oxford University Press.
- M.V. Pylee .(1977). Constitutional Government in India, Bombay, Asia Publishing House.
- M.V. Pylee.(1998).An Introduction to the Constitution of India, New Delhi, Vikas

**Course Title: History of Medieval India**

**Course Code: BAT213**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Understand the various concepts regarding Political and Social customs of Ancient Period
2. Understand the relationship of India with other kingdoms
3. Enhance the knowledge of the learner about Historical structure of Ancient India.
4. Understand the various concepts, functions & working System in Ancient India.

### **Course Content**

**UNIT-I**

**09 hours**

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Political and Social conditions of India up to 1000 A.D.

Invasion of Mahmud Ghazni and Muhammad Ghori causes and their impact.

### UNIT-II

**12 hours**

**Slave Dynasty-** Consolidation of the Slave Dynasties with special reference to Qutb u- Din Aibak to Balban, Khalji and Tughlaq Dynasties.

### UNIT-III

**11 hours**

**Establishment of Mughals :** First battle of Panipat: Establishment of Mughal rule.

The Akbar: Mughal Administration and their Policies.

### UNIT--IV

**13 hours**

Aurangzeb and his Deccan Policies.

**Maps:** (a) Important places in South India: Amaravati, Kalyani, Kanchipuram, thanjaur, Nagapottinam, GangaikondaCholapuram, Vengal, Kalinga, Vangaderam, Badami, Patapi, Vangai, Manyakheta, Ellora. (b) South dynasties (c) Mughal Empire.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

### Suggested Readings

- Athar Ali, Mughal Nability
- Smith, V.A. Akbar the great Mughal
- Percival Spear, Oxford History of India.
- MisraBB, The Central Administration of the East India Company
- Sarkar, J.N., Fall of the Mughal Empire
- MuzzafarAlam The crisis of empire in Mughal North India Conp, Delhi, 1986
- Mann, M.S. History of Ancient India (Raj Publishers, Jalandhar)
- Arora, A.C., History of Ancient India (Pardeep publications, Jalandhar)
- Subharwal, S.P, History of Ancient India (K. Duggal& Co.)
- Basham, A.L., Wonder That Was India, Calcutta: Rupa, 1992.
- Goyal, S.R., A History of Indian Buddhism, Meerut: KasumanjliPrakashan, 1987.
- Habib, Irfan, VivekanandJha, Mauryan India, Delhi: Tulika Books, 2004.
- Jha, D.N. Ancient Indian an Historical Outline, Delhi: Manohar (2<sup>nd</sup> Rev. ed.), 2005.

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- Ray Chaudhary, H.C. (re. ed.) by B.N. Mukherjee, Political History of Ancient India, Calcutta: Oxford University Press, 1996.
- Sastri, K.A. Nilakanta, A History of South India, 45hours 2<sup>nd</sup> ed., Oxford University Press, 1958.
- Sastri, K.A. Nilakanta, History of South India, from pre-historic times to the fall of vijaynagar, (4<sup>th</sup> ed.), Delhi: Oxford University Press, 1995.
- Levin-Bongard, G.M., Mauryan India, Delhi: MunshiramManoharlal, 1966.
- Maity, S.K., The Imperial Gupta and their times, Delhi; Motilal Banarsidas, 1975.
- Ratnagar, Shereen Enquiries into the Political Organization of Harappan Society, Pune: Ravish, 1991.
- Thapar, Romila, Asoka and the decline of the Mauryas, Delhi: Oxford University Press, 1997.

L	T	P	Cr.
3	0	0	3

**Course Title: Sikh Religion**

**Course Code: BAT214**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

- 1 Learn that Sikhism is based on the spiritual teachings of Guru Nanak, the first Guru (1469-1539), and the nine Sikh gurus those succeeded him.
- 2 Understand that the Tenth Guru, Guru Gobind Singh named the Sikh scripture Guru Granth Sahib as his successor, terminating the line of human Gurus and making the scripture the eternal, religious spiritual guide for Sikhs.
- 3 Understand the fundamental beliefs of Sikhism, articulated in the sacred scripture Guru Granth Sahib.
- 4 Learn that the principal sikh scripture is the Adi Granth (First Scripture), more commonly called the Guru Granth Sahib.

### Course Content

#### UNIT- I

**09hours**

1. is`KDrmdwAwrMB: smkwllnpRsiQqlAW

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2. gurUnwnkdyv: jlvnAqyis~iKAwwW

3. gurUAMgddyvdwXogdwn: ਸਿੱਖ ਧਰਮ ਦੇ ਪ੍ਰਚਾਰ ਅਤੇ ਪਸਾਰ ਵਿੱਚ ਯੋਗਦਾਨ

**UNIT- II**

**12hours**

4. gurU Amr dws: smwjsuDwrdykwrj

5. gurUrwm dws: AMimRqsr dysrovr dIKudwelqymsMdpRbMD

6. gurUARjndyv: ShwdqdykwrnAqysmkwllpRsiQqlAW

**UNIT- III**

**11hours**

7. gurUhirgoibMdswhb: mlrl-plrldwisDWqqyAkwlq^qdlSqw p n w

8. gurUqygbhwdr: ਵਿਸ਼ਵ ਧਰਮ ਚਿੰਤਨ ਅਤੇ ਸਿੱਖ ਸ਼ਹਾਦਤ

9. gurUgoibMdisMG: KwlsydlSwjxw

**UNIT- IV**

**13hours**

10. bwbwbMdwisMGbhwd r: jlvn, ij`qWqyShwdq

11. is`KimsIW: ieiqhwskjwx-pCwx, gurmqwqysrb`qKwls w

12. mhwrwjrwxjlqisMG: jlvnqypRwpqlAW

**ਟ੍ਰਾਂਜੈਕਸ਼ਨ ਮੋਡ:** ਲੈਕਚਰ, ਸਮੱਸਿਆ ਹੱਲ, ਮਿਸ਼ਰਤ ਸਿਖਲਾਈ, ਚਰਚਾ ਅਤੇ ਪ੍ਰਦਰਸ਼ਨ, ਅਤੇ ਕੇਸ ਅਧਿਐਨ।

shwiekpusqkw

- is~Kieiqhws, fw. gMfwisMG, ipRM. qyjwiMsMG, pMjwbIXUnlvrstl, pitAwlw[
- is`KivcwrDwrw, pRo.pRlqmisMG, SRomxlgurduAwrwpRbMDkkmytl, AMimRqsr[
- bwbwbMdwisMG, fw. gMfwisMG, pMjwbIXUnlvrstl, pitAwlw[
- is`KimsIWqysrdwrGrwxy, sohxisMGslql
- mhwrwjrwxjlqisMG, bwbwpRymisMGhoql

**Course Title: Math-11 (Calculus and Differential Equations)**

L	T	P	Cr.
3	0	0	3

**Course Code: BA215**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Recognize and determine infinite limits and limits at infinity and interpret with respect to asymptotic behavior.
2. Determine the existence of, estimate numerically and graphically, and find algebraically the limits of functions.
3. Familiarize with various methods of solving differential equations of first and second order and to have qualitative applications
4. Solve various working rule for finding solution of linear differential equations with constant coefficients, homogeneous linear equations or Cauchy-Euler equations, linear differential equations of second order with variable coefficients, initial and boundary value problems etc. and model problems in nature using ordinary differential equations.

**UNIT-I**

**10 hours**

Derivative of a function, the derivative as a function, derivatives of a polynomial and exponential function, the product and quotient rule, rate of change in social and natural science. Derivatives of Trigonometric, Logarithmic and hyperbolic functions.

Successive differentiation, Asymptotes, Multiple points, Tests for concavity and convexity, points of inflexion, Tracing of curves in Cartesian, Curvature, radius of curvature, centre of curvature.

**UNIT-II**

**12 hours**

Integration as inverse process of differentiation Integration of a variety of functions by substitution, by partial fractions and by parts. Evaluation of simple integrals of trigonometric, exponential and Logarithmic function. Definite integrals as a limit of a sum, Fundamental Theorem of Calculus (without proof) Basic properties of definite integrals and evaluation of definite integrals. Double and Triple Integral.

**UNIT-III**

**11 hours**

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

Introduction of Differential equations, Order and Degree of Differential Equations, Complete primitive (general solution, particular solution and singular solutions), Existence and uniqueness of the solution  $dy/dx = f(x,y)$ .

Differential equations of first order and first degree, Separation of variables, Homogeneous linear Equations, Exact Equations, Integrating Factor, Linear Equation, Equation of First order but not of first degree,

### UNIT-IV

**12 hours**

Linear differential equations with constant coefficients, Complementary function, Particular integral, Working rule for finding solution of linear differential equations with constant coefficients, Homogeneous linear equations or Cauchy-Euler equations

Simultaneous differential equations, Differential equations of the form  $dx/P = dy/Q = dz/R$  where P, Q, R are functions of x, y, z. Exact differential equations,

**Transaction Mode-** Video Based Teaching, Collaborative teaching, Group Discussion, ted talks, E team Teaching, Flipped Teaching, Quiz, Open talk, Case analysis.

### Text Books

- Rudin, W., Principles of Mathematical Analysis, McGraw-Hill (2013).
- Malik, S.C. and Arora, S., Mathematical Analysis, Wiley Eastern (2010).

### Reference Books

- Simmons G. F., Introduction to Topology and Modern Analysis, Tata McGraw Hill (2008).
- Jain, P. K., Ahmad Khalil, Metric Spaces, Alpha Science Publishers (2004).
- G.F. Simmons, (2002), *Differential Equations with Application and Historical Notes*, Tata –McGraw Hill.
- B. Rai, D.P. Choudhary & H. J. Freedman, (2002), A Course of Ordinary Differential Equations, Narosa.
- Ian N. Snedden, (2013), *Elements of Partial Differential Equations*, Dover Publication.
- L.E. Elsgolts, (1970), *Differential Equation and Calculus of variations*, University Press of the Pacific.
- M. D. Raisinghania, (2018), *Ordinary and Partial Differential Equations*, S Chand.
- J.B. Fraleigh, (2003), *A first course in Abstract Algebra*, Addison-wiley.
- Joseph A Gallian, Contemporary Abstract Algebra, Brooks/Cole Cengage Learning, 2016
- I. N. Herstein, (2006), *Topics in Algebra*, John Wiley & Sons.

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- Thomas W Hungerford, (1990), *Abstract Algebra – An Introduction*, Saunders College Publishing.
- Suggested digital platform: NPTEL/SWAYAM/MOOCs.
- Suggested digital platform: NPTEL/SWAYAM/MOOCs.

### Website/ Links/ Online portal/ICT:

- <https://www.britannica.com/science/calculus-mathematics>
- <https://www.khanacademy.org/math/calculus-1>

**Course Title: Physical Education**

**Course Code: BAT216**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Identify the anatomical and biomechanical bases of human movement
2. Gain the knowledge of techniques of first aid
3. Understand the importance of psychology in physical education
4. Recognize the influence of heredity and environment on child development

### Course Content

#### THEORY

##### UNIT-I

**12 hours**

**Cell:** - Structure and function of different part of Cell.

**Skeletal System:**-Nomenclature, structure and function of bones of axial and appendicular Skelton and classification of bone.

**Joints:** - Meaning, importance, structure and movement at different joints.

##### UNIT-II

**10 hours**

**Muscles:** - Structure and function of different types of muscles, Contraction of Skeletal muscles (eccentric, concentric and static).

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University College of Basic Sciences & Languages (Code:6)

**Circulatory system:** - Structure and function of heart, arteries, veins and capillaries and mechanism of blood circulation

**Drug Abuse:** - Causes symptoms, bad effects and control of Alcohol, Smoking and Drugs addiction.

### UNIT-III

**13 hours**

**Pollution:** - Meaning, bad effects and remedial measures of Air, Water and Noise pollution.

**Sports injuries:** - Cause, symptoms, first aid, treatment and prevention of (Sprain. Strain, contusion, dislocation & fracture)

**First Aid:** - Introduction, Definition, Aim and Principles. Types & technique of first aid.

### UNIT-IV

**10 hours**

**Sports Psychology:** - Introduction, Definition, Aim and Principles.

**Heredity and environment:** - Meaning, scope and effects of heredity and environment of growth and Development.

**Classification of Age:** - Chronological age, physiological age and anatomical age.

### PRACTICAL

Middle Distance Running	8M (Any One Race)
Triple Jump	8M (Any One Style)
Discuss Throw	8M (Any One Style)
Kho-Kho, Table Tennis, Basketball	16M (Any One Game)

### Suggested Readings

- Health, Physical Education & Sports Dr. G.S. Kang, Dr. Nishan Singh Deol
- General Science By S. Chanel
- Kamlesh, M.L. & Sangral M.S. Principles and History of Physical Education, 1977.
- Environmental Studies: V.K. Khosla, Mrs. Kanta Khosla, Dr. R. S. Rattan
- Environmental Education: Mrs. Saroj Sobti, Surjit Singh

**Course Title: Sewing Techniques & Equipments Lab**

**Course Code: BAT217**

L	T	P	Cr.
2	0	2	3

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Learn about pattern of Tailor garments, in correct sequence of operations.
2. Understand designs of fabric, required to complete within a given frame of time.
3. Learn how to promote their various designs in fabric construction, boutiques field.
4. Understand how to apply ideas for the Design preparation and convey them verbally, visually and digitally.
5. Learn about application of shaping devices.

**Course Content**

**UNIT-I**

**9 hours**

Basic Hand Stitches:

Basting-even, uneven and diagonal, Tailor's tacks,  
Back stitch, Hemming- visible and invisible.

Application of Fasteners: Buttons and buttonholes, hooks and eyes,  
hammer ones.

**UNIT-II**

**11 hours**

Sewing Technology:

Exercise of machine's control on speed, paper exercises and fabric  
exercises.

Different types of seams and seam finishes.

Seams – Plain, French, run and fell, run and hem, slot, lap, piped, counter  
seam, counter hem, fringe.

**UNIT-III**

**13 hours**

Seam finishes– Overcast seam finish, double stitched finish, herringbone  
finished, edge stitched seam, bound seam finish, pinked seam.

Application of shaping devices:

Tucks – Plain, cross, shell, released, group.

Pleats - knife, box, inverted box, cartridge and kick.

**UNIT-IV**

**12 hours**

Gathers.

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Necklines-Round, square, V shape etc.

Plackets continuous, 2-piece

Zips and Fasteners

Pockets patch, in-seam, patch with pleat, patch with flap.

Collars, sleeves

Yokes Construction of a baby frock

**Transaction Mode:** Group Discussions, Questions, Project Based Learning, Video Based Teaching

### Suggested Readings

- Doongaji Shree & Pande Roshani,2004 *Desh, Basic Process & Clothing Construction*, Publisher Unique Education Books, Raj Parkashan, New Delhi.
- Lata Mullick Prem ,2011 *Garment Construction Skills*

**Course Title: HUMAN HEALTH AND HYGINE**

**Course Code: BAT218**

L	T	P	Cr.
2	0	2	3

45hours

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

5. Develop an understanding of health and personal hygiene
6. Provide the knowledge of food hygiene
7. Enabled to gain the knowledge of various methods to purify water from different resources
8. Gain the knowledge about causes, first aid/remedies for different diseases

### Course Content

#### THEORY

#### UNIT-I

**9 hours**

Hygiene:

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- a. Definition of hygiene.
- b. Definition of infection, sources, carrier and control
- c. Definition and types of immunity.

### UNIT-II

**11 hours**

Food Hygiene:

- a. Definition
- b. Hygiene during preparation, service and storage of food.
- c. Food poisoning, causes and prevention.

### UNIT-III

**13 hours**

Purification and storage of water for home.

### UNIT-IV

**12 hours**

Causes and spread of following diseases:

- a. Caused by insects-malaria, dengue
- b. Conveyed by ingestion-enteric fever, cholera, dysentery and diarrhea.
- c. Spread by droplet infection, chicken pox, measles, mumps and tuberculosis.
- d. Sexually transmitted diseases – AIDS.

### PRACTICAL

Measuring body temperature.

Measuring Blood Pressure, and pulse rate

First Aid Techniques for Injuries-Burns, Cuts, Sprains and Fractures, poisoning and Drowning.

First Aid Techniques for-Cardiac Problems, Choking, and Unconsciousness.

### Suggested Readings

- Best & Taylor (1975): The living body, Bombay, Asia Publishing House.
- Best & Taylor (1970): Human Body: Its Anatomy & Physiology, London Chapman & Hall Ltd.

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University College of Basic Sciences & Languages (Code:6)

- Best & Taylor (1979): Physiological basis of medical practice, Baltimore, Williams & Wilkins Co.
- Amour F.E.D. (1961): Basic Physiology, London, University of Chicago Press.

**Course Title: Music**

**Course Code: BAT219**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Studies about the compositional forms of Hindustani music.
2. Learn about the notation systems of Hindustani music.
3. Classification of Indian Musical Instruments.
4. Learn to write the practical composition according to the notation system.
5. Know the importance of Taal and Laya in instrument music.

### Course Content

#### UNIT-I

**12 hours**

1. Historical Development of music in following periods
  - a) Ramayan Period
  - b) Mahabharat Period
2. Classification of Indian Musical Instruments.
3. Definition of the following in the context of Gurmat Sangeet:  
Raag, Mahla, Rahao, Ank.

#### UNIT-II

**10 hours**

1. Biographical sketches and contribution towards Indian Music of the following:
  - (a) Pt. Vishnu Digamber Paluskar
  - (b) Gujjar Ram Vasdev Ragi
2. One Shabad in Nirdharit Raga

#### UNIT-III

**11 hours**

3. Biographical Sketches and Contribution of the Following:
  - b) Pt. Jasraj
  - b) Ustad Amir Khan
4. Elementary Knowledge of the following Ragas
  - a) Darbari
  - b) Bhairav

#### UNIT-IV

**12 hours**

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

1. Importance of SahayakNad.
2. Methods of formation of 72 Thatas of Dakhani Music system of PanditVyakant Makhi.
3. Detailed Description and notation of prescribed Ragas:
  - a) VrindavaniSarang
  - b) Asawari

**Transaction Mode:** Lecture, Problem Solving, Discussion, Demonstration

### Suggested Readings

- Dr.Davinder Kaur: (1 january 2017)*SangeetRoop*( Part-I)
- Dr. Premlata Sharma: (1 january2007)*Sangeet Manual*
- Dr. Yaspal Sharma: (1998)*Gayan Kalan*
- Dr.SumanLata: (1998)*Hindustani ShastrisangeetSidhantavamVyavhar*

### Semester-III

**Course Title: English**

**Course Code: BAT301**

L	T	P	Cr
4	0	0	4

**Total Hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Comprehend the prescribe prose pieces of English.
2. Present a commentary on the prose pieces.
3. Refer to the dictionary for meaning, usage, idioms and grammar.
4. Interact confidently in situations like debates, group discussions and seminars.

### Course Content

**UNIT-I**

**18 hours**

## GURU KASHI UNIVERSITY

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Gleanings from Home and Abroad (Orient Black Swan)

- (i) 'A Talk on Advertising'- Harman Wouk
- (ii) 'Globalisation' -Joseph Stiglitz.
- (iii) 'Work Brings Solace' - A. P. J. Abdul Kalam
- (iv) 'The Night the Bed Fell' - James Thurber
- (v) 'Rising Tide of Urban Chaos'-Colin Legum
- (vi) 'What is Wrong with Indian Films'-Satyajit Ray
- (vii) 'More than 100 Million Women are Missing '-Amartya Sen
- (viii) 'I have a Dream' -Martin Luther King
- (ix) 'Why I want a Wife'-Judy Brady
- (x)'Universal Declaration of Human Rights'-Leah Levin

### UNIT-II

**17 hours**

Texts Prescribed for Grammar Oxford Practice Grammar by John Eastwood  
(Exercises 54 to 59 and 91 to 103)

### UNIT-III

**13 hours**

#### Writing skills

- Applications: Job
- Blog Writing

### UNIT-IV

**12 hours**

(A) Vocabulary:

- Antonyms
- Idioms used in illustrative sentences.

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

#### Suggested Readings

- Abrams, M.H. *A Glossary of Literacy Terms*, Cengage Learning India, 2015.
- *Twentieth Century Reader's Guide to Literacy Terms*, OUP, 1997.

**Course Title:** pMjwbl

L	T	P	Cr.
4	0	0	4

**Course Code:** BAT302

**Total Hours: 60**

**Course Outcomes: On successful completion of this course, the students will be able to**

1. pMjwblkhwxlbwryjwxkwrl dyxw[
2. pMjwblivAwkrndyq`qWbwryjwxkwrl dyxw[
3. pMjwblDunlivauNqbwryjwxkwrlpRdwnkrnw[
4. pMjwblBwSwdyigAwnivcvwDwkrnw[

**Bwg-a  
hours**

**20**

1. kQwsMswrsMpwdk: jsivMdrisMG, gurmuKisMG,  
pbllkySnibauropMjwblXUnlvristl, pitAwlw [

**Bwg-A  
15 hours**

2. ਭਾਸ਼ਾ ਦਾ ਨਿਰਮਾਣ, ipCokVAqyinkws[
3. pMjwblBwSwdwivkws (m`DkwLAqyAwDuinkXug)[

**Bwg-e  
10 hours**

4. pMjwblBwSwdlswrQkqw, ieiqhwsAqyswihqkivrwsq[

**Bwg-s  
15 hours**

5. pMjwblDunlivauNq
6. ਗੁਰਮੁੱਖੀ ਲਿੱਪੀ ਦੀ ਬਣਤਰ

## GURU KASHI UNIVERSITY

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**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion

*pusqksUcl*

- *rqnisMGj`gl (sMpwdk): pMjwbIswihqdwM`Dkwllnieiqhws, pblIkySnibauropMjwbIXUnIvristI, pitAwlw[*
- *jsivMdrisMG, gurmukisMG (sMpwdk), kQwsMswr, pblIkySnibauropMjwbIXUnIvristI, pitAwlw[*
- *joigMdrisMGpuAwr, bldyvisMGclmw, suKivMdrisMGsMGwAqyvydAgnIhoqrl, pMjwbIBwSwdwivAwkrn (Bwg-dUjw),pMjwbIBwSwAkwdml, jIMDr[*

**Course Title: Punjab History & Culture**

**Course Code: BAT303**

L	T	P	Cr
4	0	0	4

**Total Hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Enhance the knowledge of the learner about the History of Punjab.
2. Understand the various concepts in the Guru Period.
3. Provide information regarding Political, Social & Religious issues of during period.
4. Provide information the development of Sikhism.

### Course Content

#### UNIT-I

**18 hours**

1. Political, Social and Religious. Condition of the Punjab; Late 15<sup>th</sup> and Early 16<sup>th</sup> Century.

#### UNIT-II

**17 hours**

2. Guru Nanak Dev's teachings and impact on society.
3. Development of Sikhism under Guru Angad, Guru Amar Das and Guru Ram Das.

#### UNIT-III

**13 hours**

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

4. Guru Arjan: Compilation of AdiGranth, Language, Script, Arrangement of Material, Contents and Significance.

5. Martyrdom of Guru Arjan: Causes and Impact

### **UNIT-IV**

**12 hours**

6. Guru Hargobind: Organizational changes and their Impact.

7. Development of Sikhism: Guru Har Rai Ji and Guru Harkrishan Ji.

### **Course Title: Archives and Museums**

**Course Code: BAT304**

L	T	P	Cr.
0	0	4	2

**Total Hours: 30**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. This course introduces students to the institutions that house and maintain documentary, visual and material remains of the past.

2. This course introduces learners Museums and archives are among the most important such repositories and this course explains their significance and how they work.

3. Students will be encouraged to undertake collection, documentation and exhibition of such materials in their localities and colleges.

4. Visit to Archives and Museum are an integral part of the course.

5. This course will encourage skill development.

### **Course Content**

#### **UNIT-I**

**7 hours**

Definition and history of development (with special reference to India)

#### **UNIT-II**

**7 hours**

Types of archives and museums

#### **UNIT-III**

**7 hours**

Museum Presentation and Exhibition

#### **UNIT-IV**

**8 hours**

Museums, Archives and Society

**Transaction Mode:** Lecture, Problem Solving, Discussion, Demonstration

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

### Text Books

- Sengupta, S. Experiencing History through Archives. Delhi: MunshiramManoharlal, 2004.
- Guha, Thakurta, Tapati, Monuments, Objects, Histories: Institution of Art in Colonial India, New York, 2004
- Houdhary, R.D. Museums of India and their maladies, Calcutta, 1988
- Nair, S.M. Bio-Deterioration of Museum Materials, 2011

**Course Title: Listening and Speaking Skills**

**Course Code: BAT305**

L	T	P	Cr
1	0	0	1

**Total Hours: 15**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Comprehend the concept of Listening and Speaking in English.
2. Explore the benefits and barriers of Effective Listening.
3. Acquaint with Speech sounds and Articulatory system
4. Differentiate between Formal and Informal Communication.

### Course Content

#### UNIT-I

**4 hours**

- Listening: (i) Concept (Active, Passive, Interpretive, Accent)  
Active Listening- an Effective Listening Skill
- Difference between hearing and listening

#### UNIT-II

**4hours**

Principles of effective listening

Purpose of Listening

Listening to Conversation (Formal and Informal)

Benefits of Effective Listening

Barriers to Listening

#### UNIT-III

**3hours**

- Speaking Skills- Introduction, principals of effective speaking (stress, intonation, assertion, exclamation, emphasis)
- International Phonetic Alphabet(IPA) Symbols
- Spelling and Pronunciation

#### UNIT-IV

**4hours**

Public

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University College of Basic Sciences & Languages (Code:6)

Speaking skill: (Preparation, vocal control, time management and handling questions)

- Intrapersonal and Interpersonal Communication: Group and mass communication, Network communication

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

### Suggested Readings

- Carnegie, Dale. *The Quick and Easy Way to Effective Speaking* Pocket Books, 1977.
- Adair, John. *Effective Communication*. Pan Macmillan Ltd.,2003.
- Hasson, Gill. *Brilliant Communication Skills*. Great Britain: Pearson Education, 2012.

**Course Title: English literature**

**Course Code: BAT306**

L	T	P	Cr
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Understand the terms related to English Drama.
2. Have a concept of the trends and movements in English literature.
3. Identify, analyze, interpret and describe the critical ideas, values and themes that appear in literary and cultural texts.
4. Develop critical thinking.

### Course Content

#### UNIT-I

**12 hours**

#### Important Concepts pertaining to Drama

The following terms will have to be studied:

1. Definition and Essence
2. Drama vs. Novel
3. Drama and Theatre
4. Dramatic action
5. Structure

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University College of Basic Sciences & Languages (Code:6)

6. Characterization
7. Dialogue
8. Stage Directions
9. Dramatic Conventions
10. Important terms pertaining to drama and stage:
  - Comic Relief
  - Pathos
  - Aside
  - Soliloquy

### UNIT-II

**12 hours**

**History of English Literature from Chaucer to the Eighteenth Century & Important Trends and Movements in these periods:**

- Renaissance and Reformation
- Origin and Rise of Drama in English
- Metaphysical Poetry
- Chief Characteristics of the Neo-Classical Literature.
- Rise of the Novel
- Restoration Comedy

### UNIT-III

**11 hours**

**Important Texts of Chaucer to the Eighteenth-Century period:**

- *Pardoner's Tale*
- *Lycidas*
- *Mac Flecknoe*
- *Epistle to Dr Arbuthnot*
- *Pamela*

### UNIT-IV

**10 hours**

William Shakespeare: Macbeth

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

### Suggested Readings

- Abrams, M.H. *A Glossary of Literacy Terms*, Cengage Learning India, 2015.
- *Twentieth Century Reader's Guide to Literacy Terms*, OUP, 1997.
- Shakespeare, William. *Macbeth*. Wordsworth Classics, 1992.

**Course Title:** *coxVINpMjwbl*

GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

Course Code: **BAT307**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Outcomes: On successful completion of this course, the students will be able to**

1. pMjwblkhwxlbwryjwxkwrlidyxw[
2. pMjwblivAwkrndyq`qWbwryjwxkwrlidyxw[
3. pMjwblDunlivauNqbwryjwxkwrlpRdwnkrnw[
4. pMjwblBwSwdyigAwnivcrwDwkrnw[

Bwg-a  
hours

5

1. pMjwblkhwxlnwljwx-pCwx

Bwg-A  
15 hours

2. kQwlok (khwxlsMgiRh) sMpwdq. fw. jsivMdrisMG[

Bwg-e  
15 hours

3. pMjwblswihqdwieiqhws (1700-1850)

Bwg-s  
hours

10

4. swihqdyrUp: (ik`sw, kwPl, vwr, jMgnwmwAqySlok)[

**Transaction Mode**

Lecture, Problem Solving, blended learning, Discussion

**ਪੁਸਤਕ ਸੂਚੀ**

- ਜਗਬੀਰ ਸਿੰਘ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ(ਆਦਿ ਕਾਲ ਤੇ ਭਗਤੀ ਕਾਲ) ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ ਅੰਮ੍ਰਿਤਸਰ
- ਪਰਮਿੰਦਰ ਸਿੰਘ, ਕਿਰਪਾਲ ਸਿੰਘ ਕਮੇਲ ਅਤੇ ਗੋਬਿੰਦ ਸਿੰਘ ਲਾਂਬਾ, ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ, ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ ਲੁਧਿਆਣਾ।

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

- ਸੰਤ ਸਿੰਘ ਸੇਖੋਂ, ਸਮੀਖਿਆ ਪ੍ਰਣਾਲੀਆਂ, ਪੰਜਾਬ ਸਟੇਟ ਟੈਕਸਟ ਬੁੱਕ ਬੋਰਡ, ਚੰਡੀਗੜ੍ਹ।
- ਹਰਭਜਨ ਸਿੰਘ ਭਾਟੀਆਂ ਤੇ ਬਿਕਰਮ ਸਿੰਘ ਘੁੰਮਣ, ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਇਤਿਹਾਸਕਾਰੀ(ਭਾਗ ਪਹਿਲਾ ਅਤੇ ਦੂਜਾ), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ ਅੰਮ੍ਰਿਤਸਰ

**Course Title:** *fgUnhlfgr*;ਸੁਖਾ

**Course Code:** BAT308

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. छात्रों को रीतिकाल के नामकरण ,परिस्थितियों एवं प्रवृत्तियोंकी जानकारीहोगी
2. उषा प्रियवंदाद्वारा रचित पचपन खम्भे लाल दीवार उपन्यास की जानकारी होगी
3. जयशंकर प्रसादद्वारा रचित प्रतिनिधि कहानियों के माध्यम से समीक्षात्मक दृष्टिकोण का विकास होगा
4. उनकी गद्य औरपद्य मेंदिलचस्पीपैदा होगी

### Course Content

**Bwg-k**  
**hours**

12

ihNdIswihEX kw eiqhws (Bi#qkwlएवंrIiqkwl : nwmkrx,  
piriáQiqXo<Ev<pRv÷iqXW(

**Bwg-K**

**11 hours**

rIiqsOrB (s<pwdk) fw·rwmsjnpw&fyX, p<jwbIivÜvivDwlXfwrwpRkwiSq  
(kyvlcwrkiv: ibhwrI, BU+x, rsKwn, gu} goibNd is<h jI)

**Bwg-g**

**10 hours**

## GURU KASHI UNIVERSITY

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'pRiqiniDkhwinXo<' jXS<krpRswd (pRQmpWckhwinXw<) rwjpwlpRkwSnidØlI

**Bwg-G**

**12**

**hours**

,tw ipRXv<dwfwrwricq 'pÇcpn K<By lwldIvwry<, rwjpwlpRkwSnidØlI

### **Transaction Mode**

Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

### **shwXkpuáqky**

- द्विवेदी, आचार्य हजारी प्रसाद, कबीर, राजकमल प्रकाशन, दिल्ली 1906
- तुलसीदास, रामचरित मानस, गीता प्रेस, गोरखपुर 1995
- जायसी. मालिक मोहम्मद, पद्मावत, राजकमल प्रकाशन, दिल्ली 1964
- सिंह, श्याम सुन्दर, कबीर ग्रंथावली, राजकमल प्रकाशन, दिल्ली 1989
- सिंह, भानु उदय, तुलसीदास, राजकमल प्रकाशन, दिल्ली 1978
- साही, विजयदेव नारायण, जायसी, वाणी प्रकाशन, दिल्ली 1976
- रघुवंश, जायसी एक नयी दृष्टि, राजकमल प्रकाशन, दिल्ली 1994

**Course Title: Macro Economics**

**Course Code: BAT309**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Identifying the basic concepts and theories of Macro Economics.
2. Describe classical theory of employment and Keynes objection to the classical theory.
3. Judging the role of fiscal policy and monetary policy in a Developing Economy.
4. Identify the phases of the business cycle and the problems caused by cyclical fluctuations in the market economy.

### **Course Content**

**UNIT-I**

**09 hours**

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

**National Income and Classical System:** Basic concepts of National Income accounting. The circular flow. Concepts of GNP, GDP, NNP, and NDP at market price and at factor cost. The measurement of National Income-Value Added Method and Expenditure Method. The problem of double counting. Basic Classical Macroeconomics; Say's Law of Market, The Classical Theory of Income and Employment determination.

### UNIT-II

**13 hours**

**Keynesian System and Investment analysis:** Keynesian Theory: Effective Demand, Aggregate Demand and Aggregate Supply Function. Consumption Function: Factors influencing consumption function. Theory of Investment: Autonomous and induced investment. Investment Multiplier its relevance in emerging economies. Investment function: Concepts of Marginal productivity of capital, marginal efficiency of capital (MEC) and marginal efficiency of investment (MEI).

### UNIT-III

**11 hours**

**Inflation and Business Cycle:** Definitions of Inflation, causes and effects of Inflation, Types of Inflation- Demand pull vs. Cost push inflation; concept of stagflation; Concept of inflationary gap. Relationship between inflation and unemployment- The Philips curve-short and long run. Business Cycles- Meaning, types of the business cycle, features of the business cycle, phases of business cycle.

### UNIT-IV

**12 hours**

**Macroeconomic Policies:** Objectives of Macroeconomic Policies. Monetary Policy - Meaning, Instruments: Open Market Operations, Statutory Liquidity Ratio, Bank rate, variable reserve ratio, repo rate; Application in recession and inflation; Advantages and Limitations. Fiscal Policy - Meaning, Instruments: Government Budget Deficit and Deficit Financing-Indian illustration. Deficit financing, Application in recession and inflation; Advantages and Limitations.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

## GURU KASHI UNIVERSITY

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### Suggested Readings

- Durnbarg, T F and Dougal, M C (1976). *Macro Economics*, McGraw Hill, New York.
- Sharma, O P. (Latest Edition). *Macro Economics* (Punjabi Medium), Punjabi University, Patiala.
- Vaish, M C. (2010). *Macro Economic Theory*, Vikas Publishing House Pvt. Ltd.
- Harvey, J and Johnson, M. *Introduction to Macro Economics*, Mc Millan, London.
- Ackley, G (1985). *Macro Economic Theory*, Macmillan, New York.
- Baird, C W (1977). *Elements of Macro Economics*, West Publishing Company.

**Course Title: Indian Society**

**Course Code: BAT310**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Comprehend the forms of social stratification and its positioning in society.
2. Familiarize with the theories of social stratification of Karl Marx and Kingsley Davis.
3. Elucidate the concepts of caste and class.
4. Develop an understanding on social institutions like marriage, family, kinship system.

### Course Content

**UNIT-I**

**12 hours**

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

**Social Stratification:** Bases and forms, Theories of Social Stratification: (Karl Marx, Davis), Marriage and Family in India: Functions, Types and Changing patterns.

### UNIT-II

**11 hours**

**Class and Caste in India:** Definition, features, bases, changing patterns and its difference, Gender: Meaning, Definition, and Social Construction of Gender, Gender Inequality, Features of Social Organization in India: Tribal, Rural and Urban, Changes in Organizations

### UNIT-III

**12 hours**

**Rural Sociology:** Origin, Nature and scope, Land Reforms, Green Revolution, Using Social Impact, Assessment (SIA) in strengthening Rural Community

### UNIT-IV

**10 hours**

**Crisis in Rural Society: Rural Indebtedness:** Meaning, Causes and Consequences, Farmers' suicides: Meaning, Causes and Consequences, Village Panchayats, Panchayati Raj before and after 73rd Constitutional Amendment,

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration.

### Text Books

- Giddens, Anthony (2001) *Sociology*, London: Polity.
- Haralambos, M (1980) *Sociology: Themes and Perspective*, London: Oxford University Press.
- Jayaram, N (1988) *Introductory Sociology*, Madras: Macmillan India.
- Johnson, Harry, M. (1980) *A Systematic introduction*, Delhi: Allied Publishers.
- Beteille, Andre. 1996. *Caste, Class and Power*. New Delhi : Oxford University Press.
- Jammu, P. S. 1974. *Changing Social Structure in Rural Punjab*. New Delhi : Sterling Publishers.
- Doshi, S. L. 1999. *Rural Sociology*. New Delhi : Rawat Publications.

### Recommended Readings

- Davis, Kingsley (1978) *Human Society*, London: Mac Millan Company.

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University College of Basic Sciences & Languages (Code:6)

- Mair, Lucy (1972) *An Introduction to Social Anthropology*, London: Oxford Clarendon Press.
- Mujamdar, D.N. & Madam T.N. (1956) *An Introduction to Social Anthropology*, Bombay: Asian Publishing House.
- Srinivas, M.N. (1995) *Social change in Modern India*, New Delhi: Orient Longman.
- Srivastava, A.R.N. (2005) *Essentials of Cultural Anthropology*, New Delhi: Prentice Hall of India.
- Jammu, P. S. 2007. *Jaat Parnali Ate Punjabi Samaj*. Jalandhar: Punjab Academy of Social Sciences, Language and Culture.
- Marriott, Mckim. 1969. *Village India: Studies in Little Community*. (ed.) Chicago: University of Chicago Press.
- Punit, A. E. 1978. *Social Systems in Rural India*. New Delhi: Sterling Publication.
- Sharma, K. L. 1997. *Rural Society in India*. Jaipur: Rawat Publication.

**Course Title: Political Science-III**

L	T	P	Cr
3	0	0	3

**Course Code: BAT311**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Explain the historical and modern concept of political system
2. Illustrate the concept of citizenship
3. Compare the various Govt Act.
4. Construct the composition of Indian constitution and working of the Constituent Assembly.

### Course Content

#### UNIT-I

**10 hours**

1. Government of India Act 1919
2. Government of India Act, 1935

#### UNIT-II

**12 hours**

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

3. Basic features of India's Constitution
4. Preamble and its importance
5. Centre-State relations

### UNIT-III

**11 hours**

6. Human Rights: National Human Rights Commission and Punjab Human Rights Commission
7. Fundamental Rights
8. Fundamental Duties

### UNIT-IV

**12 hours**

9. President : Election, Powers, Position and Changing Role
10. Parliament : Composition, Powers and Role

### Transaction Mode

- Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

### Suggested Readings

- Assembly, Constituent.(1949).Constitution of India." Ministry of Law and Justice, editor. New Delhi, India: Ministry of Law and Justice, India .
- Bose, Durgadas.(1955). Commentary on the Constitution of India... Vol. 1. SC Sarkar,.
- Joshi, GulabbhaiNaranji(1975)The Constitution of India. Delhi: Macmillan Company of India.
- Ghosh, Pratap Kumar.(1966).*The Constitution of India: How it Has Been Framed*. PrabhatPrakashan, .
- G. Austin .(1966).*The Indian Constitution: Corner Stone of a Nation*, Oxford, Oxford University Press.
- G. Austin.(2000).*Working of a Democratic Constitution: The Indian Experience*, Delhi, Oxford University Press.
- D.D. Basu.(1994).*An Introduction to the Constitution of India*, New Delhi, Prentice Hall.
- C.P. Bhambari.(1997).*The Indian State fifty years*, New Delhi, Sipra.
- P.Brass.(2003).*Politics of India since Independence*, Cambridge University Press.
- P. Brass.(1995).*Ethnic Groups and the State*, London, Croom Helm.
- P. Brass.(1974).*Language, Religion and Politics in North India*, London, Cambridge University Press.
- B.L. Fadia. (1984).*State Politics in India*, Vol. II, New Delhi, RadintPublisher.

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- F.R. Frankel(1978)Indian Political Economy the Gradual Revolution, Oxford, Oxford University Press.
- R. Kothari .(1988).State against Democracy: In Search of Human Governance, Delhi, Ajantha.
- R. Kothari .(1970) .Politics in India, New Delhi, Orient Longman.
- R. Kothari .(1967).Party System and Election Studies, Bombay, Asia Publishing House.
- Iqbal Narain .(1967.)State Politics in India, Meerut, MeenakshiParkashan.

**Course Title: National Movement**

**Course Code: BAT312**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Understand the causes and effects of National movements.
2. Understand the Social, Economic & Religious conditions of the Modern India.
3. Know the constitutional development during the freedom Movement.
4. Discuss the agitation against the British rule in India

### Course Content

#### UNIT-I

**09 hours**

Cause of the downfall of Mughal Empire.  
Battles of Plassy and Buxer. Administrative and Social reforms of Cornwallis, Bentinck and Dalhousie.

#### UNIT-II

**13 hours**

The uprising of 1857: Causes, results and causes of its failure.  
Social-Culture Movements, Brahmo Samaj, Arya Samaj, Singh Sabha Movement.

#### UNIT-III

**11 hours**

British Economic Policy in India-Agriculture, Rural indebtedness.  
Foundation of Indian National Congress: Phases of Moderate Politics; Rise of Extremism.

#### UNIT-IV

**12 hours**

**Emergence of Gandhi:** Satyagraha Campaigns.

**Maps:**a) British India in 1805 A.D. b) British India in 1818 A.D.

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c) Important Centres of the Revolt of 1857.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

**Suggested Readings**

- Roberts, P.E.,History of British India, PP. 129-190, 200-232, 300-309, 359-396, 582-657.
- IshwariPrashadand ,A History of Modern India, PP. 64-165, 206-274, 402-479.
- Subedar, S.K.
- Speer, P.,History of Modern India.
- Smith, V.A. , The Oxford History of India, PP. 465-590, 654-672, 705-739, 790-838.
- BisheswarPrashad, Bondage and Freedom
- Majumdar, R.C. and,British Paramouncty and Indian Renaissance, PP. 1-92,
- Others (eds)406-432, 467-554, 603 (BhartiyaVidyaBhawan Publications)
- Majumdar R.C. and Struggle for Freedom, PP. 17-34, 454-526,634-679, 721-782
- Others (eds.)
- Majumdar R.C. and ,An Advanced History of India
- Others (eds.)
- Thompson and Garret,Rise and Fulfilment of British Rule in India
- Sikri, S.L.,Constitutional History of India (English, Punjabi & Hindi)

**Course Title: Sami Dharam**

**Course Code: BAT313**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1 Learn that in the study of Semitic Religion there are two tendencies toward error the Western pragmatism and unsympathetic overtaxing of oriental Nature-symbols and vividly imaginative speech.

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- 2 Learn that Semite used the figure of the rock in describing God, or poetically conceived of the storm-cloud as Yahweh's chariot.
- 3 Learn how an imaginative child of Nature should speak of the unseen Spiritual Power, except in the richest analogies of Nature.
- 4 Know that the second error is the tendency to treat the accretions acquired by contact with other nations as of the essence of Semitic religion.

### Course Content

#### UNIT- I

09 hours

1. ਮੁੱਢਲੀਜਾਣ-ਪਛਾਣ।
2. ਪੈਗੰਬਰਮੁਸਾਸਾਹਿਬਦਾਜੀਵਨ।
3. ਪੁਰਾਣਾਨੇਮਸੰਖੇਪਜਾਣਕਾਰੀ।

#### UNIT- II

13 hours

4. ਈਸਾਈ ਧਰਮਦਾਆਰੰਭਅਤੇਵਿਕਾਸ।
5. ਹਜ਼ਰਤਈਸਾਮਸੀਹਜੀਦਾਜੀਵਨ।
6. ਨਵਾਂਨੇਮਸੰਖੇਪਜਾਣਕਾਰੀ।

#### UNIT- III

11 hours

7. ਇਸਲਾਮਧਰਮਆਰੰਭਅਤੇਵਿਕਾਸ।
8. ਹਜ਼ਰਤਮੁਹੰਮਦਸਾਹਿਬਅਤੇਉਹਨਾਂਦਾਮਿਸ਼ਨ।
9. ਪਵਿੱਤਰਕੁਰਆਨਦਾਇਸਲਾਮਧਰਮਵਿਚਸਥਾਨ।

#### UNIT- IV

12 hours

10. ਆਰੰਭਅਤੇਵਿਕਾਸ
11. ਜਰਤੁਸਤਜੀਦਾਜੀਵਨਤੇਸਿੱਖਿਆਵਾਂ।
12. ਜੰਦਅਵੇਸ਼ਤਾ:-ਸੰਖੇਪਜਾਣਕਾਰੀ।

**ਟ੍ਰਾਂਜੈਕਸ਼ਨ ਮੋਡ:** ਲੈਕਚਰ, ਸਮੱਸਿਆ ਹੱਲ, ਮਿਸ਼ਰਤ ਸਿਖਲਾਈ, ਚਰਚਾ ਅਤੇ ਪ੍ਰਦਰਸ਼ਨ, ਅਤੇ ਕੇਸ ਅਧਿਐਨ।

*shwiekpusqkw*

- ਸੰਸਾਰਦੇਧਰਮ (ਡਾ. ਹਰਬੰਸਸਿੰਘ, ਡਾ. ਐਮ. ਐਲਜੋਸੀ, ਪਬਲੀਕੇਸ਼ਨਬਿਉਰੋ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ)

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- ਈਸਾਈਧਰਮਇਕਜਾਣ- ਪਛਾਣ (ਕਰਤਾਰਚੰਦਭੱਟੀਪਬਲੀਕੇਸ਼ਨਬਿਉਰੋ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ)
- ਠਹੜਾ ਲਗਿੰਨੋ ਡੀ ਸਲਓਮ (। ਅਲਿੰਉਲਓਨਓ)
- ਵਿਸ਼ਵਧਰਮਸੰਗ੍ਰਹਿ:-ਡਾ. ਐਮ. ਐਲਜੋਸੀ, ਪਬਲੀਕੇਸ਼ਨਬਿਉਰੋ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ)

**Course Title: Math-III (Linear Algebra/ Abstract Algebra)**

**Course Code: BAT314**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to:**

1. Compute with the characteristic polynomial, eigen values, eigenvectors, and eigen spaces, as well as the geometric and the algebraic multiplicities of an eigen value and apply the basic diagonalization result.
2. Build the concrete structure of modern algebra with the basic concepts of Group, abelian group, subgroup etc. and with their properties.
3. Explore the concepts for understanding and analyzing more advanced topics like Conjugate subgroups, Invariant sub groups, Quotient group, Homomorphism and Isomorphism on groups etc. for strong grip on modern algebra.
4. Create an understanding of rings, various types of rings, characteristic of a ring, field, skew field etc. on the previous concepts of groups

### UNIT-I

**10 hours**

Eigen values and Eigen vectors: Eigen vectors and Eigen values of a matrix, product of characteristic roots of a matrix and basic results on characteristic roots, nature of the characteristic roots of Hermitian, skew-Hermitian, unitary and orthogonal matrices, characteristic equation of a matrix, Cayley-Hamilton theorem and its use in finding inverse of a matrix.

### UNIT-II

**12 hours**

## GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

Definition of a group with examples and simple properties, Abelian group, Finite and infinite group, Order of a finite group, General properties of groups, Composition table for finite groups.

Order of an element of a group, Group homomorphism, Isomorphism on groups, theorems on

subgroups, Coset decomposition, Cayley's theorem, Cyclic group, generating system of group.

### UNIT-III

**11 hours**

Normal subgroups, Simple group, Conjugate elements, Normalizer of an element of a group, Class equation of a group, Centre of a group, Conjugate subgroups, Invariant sub groups, Quotient group, Homomorphism and Isomorphism on groups, Kernel of a Homomorphism and related theorems.

### UNIT-IV

**12 hours**

Rings, Various types of rings, Rings with unity, Rings without zero divisors, Properties of rings, Sub rings. Ideals, Quotient rings, Principal ideals, Maximal ideals, Prime ideals, Principal ideal domains, Characteristic of a ring.

Integral domain, Field, Skew field etc., Field of quotients of an integral domain, Embedding of an integral domain in a field, Factorization in an integral domain, Divisibility, Units, Associates, Prime and irreducible elements, Unique Factorisation Domain, Euclidean rings.

**Transaction Mode:** Video Based Teaching, Collaborative teaching, Group Discussion, ted talks, E team Teaching, Quiz.

### Suggested Readings

1. Friedberg, Stephen H., Insel, Arnold J., & Spence, Lawrence E. (2003). *Linear Algebra* (4th ed.). Prentice-Hall of India Pvt. Ltd. New Delhi.
2. Hadley, G, (2002), *Linear Algebra*, Narosa Publishing House, New Delhi.
2. Hoffman and Kunze, (1972), *Linear Algebra*, Prentice Hall of India, New Delhi.
3. H. Helson, (1994), *Linear Algebra*, Hindustan Book Agency, New Delhi.
4. Dutta, K. B. (2004), *Matrix and Linear Algebra*, Prentice Hall of India.
5. S. Lang, (1987), *Linear Algebra*, Springer.
6. Suggested digital platform: NPTEL/SWAYAM/MOOCs.
7. J. B. Fraleigh, (2003), *A first course in Abstract Algebra*, Addison-Wiley.
8. I. N. Herstein, (2006), *Topics in Algebra*, John Wiley & Sons.

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9. Thomas W Hungerford, (1990), *Abstract Algebra–An Introduction*, Saunders College Publishing.
10. Joseph A Gallian, (2016), *Contemporary Abstract Algebra*, Brooks/Cole Cengage Learning.
11. V. K. Khanna and S. K. Bhambri, (2014), *A course in Abstract Algebra*, Vikas Publishing House Pvt (Ltd).
12. Robert J.T Bell, (1923), *An Elementary Treatise on Coordinate Geometry of three dimensions*, Macmillan India Ltd.
13. Suggested digital platform: NPTEL/SWAYAM/MOOCs.
14. P.R. Vittal, (2013), *Analytical Geometry*, 2d & 3D, Pearson.
15. S.L. Loney, (2018), *The Elements of Coordinate Geometry*, McMillan and Company, London.
16. Suggested digital platform: NPTEL/SWAYAM/MOOCs.

**Course Name: Physical Education**

**Course Code: BAT315**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Know about the laws of learning
2. Understand different methods of motivation
3. Know about remedial measures to control adolescent period
4. Understand the role of family, school and sports in socialization

### Course Content

#### Theory

##### UNIT-I

**12 hours**

**Psychology:** - Importance in sports training and competition and relationship with physical education.

**Learning:** - Meaning, laws of learning, nature of motor learning, transfer of learning and learning curve.

**Motivation:** - Meaning, Types, Methods and importance in physical education and sports.

**UNIT-II**

**10 hours**

**Play:** - Meaning, theories, types and importance.

**Psychological factors affecting sports performance:** - Meaning and remedial measure of anxiety and aggression in sports.

**Adolescent Period:** - Meaning, Characteristics (Physical, Psychological and sociological) Remedial measures to control adolescent problems.

**UNIT-III**

**13 hours**

**Childhood:** - Meaning, and Characteristics of physical, mental psychological and social growth and development in childhood.

**Sports relationship:** - Role and importance of sports and economy, sports and politics.

**Sports performance:** - Causes and remedial measures of India's poor performance in Sports.

**UNIT-IV**

**10 hours**

**Individual differences:** - Meaning, importance and determination.

**Socialization:-** Meaning, characteristics and role of family, school and sports in socialization.

**Integration:** - Meaning, and importance of sports in national and international integration.

**Practical**

Long Distance Running	8M (Any One Race)
High Jump	8M (Any One Style)
Javelin Throw	8M (Any One Style)
Wrestling, Lawn Tennis, Handball	16M (Any One Game)

**Suggested Readings**

- Kang G. S. Deol N. S. – An introduction to Health and Physical Education 21<sup>st</sup> century Patiala 2008.
- Blair, Jones and Simpson: Educational Psychology, The Macmillan co, New York, 1962.
- Lindgren. H. E. Educational Psychology in the class Room, new delhi, John Wiley & sons, 1962.

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- Whiting HTA : Reading in sports Psychology, Henry Kimpton Publisher London 1972.
- Dhaliwal A. S. Vidyak Manovidyan, Patiala, Punjabi University.
- Puni, A. T. Sports Psychology: An abridged translation by G. S. Sandhu, NIS Patiala, 1980.
- Suin, R.M. Psychology in Sports, Methods and applications., Surjit Publications, new delhi 1982.
- Ajmer Singh and Jagtar Singh Gill: Essentail of Physical education and Olympic movement KalyaniPublishers, Ludhiana.2004.

**Course Title: Apparel Testing**

**Course Code: BAT316**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Practice testing and evaluating different types of quality parameters of garments, etc
2. Introduce various departments of an apparel testing industry.
3. Use research-based knowledge to sustain in apparel industry

### Course Content

#### UNIT-I

**13 hours**

Fabric construction particulars: aerial weight, thickness, thread count, cover factor

Equipments to be used are GSM cutter & Weighting balance, Beasley Balance, Pick Glass,

Dissection Needle, Calculator and Fabric thickness tester.

Determining shrinkage of fabric using shrinkage tester.

#### UNIT-II

**12 hours**

Determining fabric bending properties using stiffness tester

Determinations of fabric drape using drape meter.

Determining fabric tensile strength using tensile tester.

Determining Fabric Abrasion using abrasion tester.

**UNIT-III**

**9 hours**

Determining fabric crease recovery using crease recovery tester.  
Determining fabric Pilling using pilling tester.  
Determination of colour fastness to rubbing using crock meter.  
Determination of colour fastness to washing using washing fastness tester

**UNIT-IV**

**11 hours**

Determination of colour fastness to light.  
Determination of garment accessories testing - Button, Snap pull test, zipper test, seam  
Strength test.

**Transaction Mode:** Group Discussions, Questions, Project Based Learning, Video Based Teaching

**Suggested Readings**

- J.E.Booth- "Principles of Textile Testing", CBS Publishers & Distributors, 1996.
- Sundaram V, "Hand book of Textile Testing", CTRL Publication, Bombay.
- Textile Testing Vol.I& II by Anagappan& Gopalkrishnan
- An Introduction to Quality Control for Apparel Industry , Pradip Mehta
- Managing Quality in the Apparel Industry, Pradip Mehta & Satish Bhardwaj

**Course Title: Clothing & Textile**

**Course Code: BAT317**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Know about the variety of equipment, machines, and accessories for sewing and embroidery
2. Gain the knowledge about different types of fabric
3. Enable the various elements of designing

4. Discover the suitable methods to prepare and maintain the household activities

### **Course Content**

#### **THEORY**

##### **UNIT-I**

**10 hours**

Sewing equipment and supplies used in clothing construction and their use and care.

Sewing machine and its parts, accessories of sewing machine, common defects and remedies.

##### **UNIT-II**

**14 hours**

Anthropometry (body measurements), precaution in taking and recording measurements.

Drafting and its importance.

##### **UNIT-III**

**12 hours**

Elements of design such as colour, line, form and texture.

Principles for design such as harmony, balance, rhythm, emphasis and proportion.

##### **UNIT-IV**

**09 hours**

Selection of suitable clothing with reference to income, climate, occasion, occupation and fashion etc. for Infants and toddlers, Adolescents, adults and elderly persons.

#### **PRACTICAL**

1. Testing of cotton, wool and silk by microscopic and burning.
2. Stain removal-Rust, coffee, pan, paint, dye, nail polish, lipstick, perfume, blood, medicine, boot polish turmeric and tea.
3. Spot cleaning of any one woollen garment.
4. Simple household dyeing of a cotton fabric of size 12" X 12" and preparing samples of various methods of tie and dye.

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5. Prepare one article of Tie and Dye/Batik.
6. Prepare a wall hanging of tie and dye.
7. Laundering and finishing of following garments:
  - a) Cotton-blouse, salwar, kameez.
  - b) Synthetic- Terry cot, knicker, gathered frock, pleated skirt.
  - c) Silk- blouse, sari.
  - d) Woolen cardigan or pullover.

### Suggested Readings

- DurgaDeulkar, 1973: *Household Textiles and Laundry Work*, Atma Ram and Sons. New Delhi.
- Gooch Peter M., 1974: *Ideas for Fabric Printing and dyeing*, Charles fribners, New York.
- Grayson Marlin, 1984: *Encyclopedia of Textiles*, Fibres and Non woolen fabrics, John wiley New York.
- Irabel S. Wingate, 1970: *Textiles Fabric and their Selection*, Prentice Hall Englewood Cliffs.

**Course Title: Music**

**Course Code: BAT318**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Studies about the musical terms of Hindustani music.
2. Various developments in brief in the history of north India music during the modern period 18 to 20<sup>th</sup> century AD.
3. Write the practical composition according to the notaion system.
4. Studies about the theoretical aspects of raags.

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### Course Content

#### UNIT-I

**10 hours**

1. Brief life sketches of and contribution of great musician .  
a) Ustad bismillah khan b) Dalipchanderbedi c) Pro. Tara singh

#### UNIT-II

**14 hours**

1. knowledge of bhatkhandeThaatpadhati .
2. different jaties of raags of the present raags system of north Indian music  
to write the notation of the present raags ; Bageshwari , bhopali

#### UNIT-III

**12 hours**

1. Various developments in brief in the history of north India music during the modern period 18 to 20<sup>th</sup> century AD.
2. Knowledge of the flowing non detail raags ; a) deskar b) Bilawal (only aroh , avroh and pakad)

#### UNIT-IV

**09 hours**

1. Knowledge of dhrupad
2. Defination and types of khyal
3. Brief description of tanpura

**Transaction Mode:** Lecture, Problem Solving, Discussion, Demonstration

#### Suggested Readings

- Dr.Davinder Kaur: *SangeetRoop*((1 jauary 2017),*sangeetanjali publication Patiala*
- Dr. Mrieunjayasharma , Dr Ram Narayan : *Sangeet manual*(1 january 2014) H.G Publication delhi
- Dr. Yaspal Sharma: *GayanKalan*(1998) , Punjabi university Patiala
- Dr.SumanLata: *Hindustani ShastrisangeetSidhantavamVyavhar*,karnal publications

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**Semester-IV**

**Course Title: English**  
**Course Code: BAT401**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr</b>
<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>

**Total Hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Interpret literary texts and use them in enhancing their reading and writing skills.
2. Use a variety of reading strategies to foster comprehension.
3. Analyze texts with reference to ambiguity, complexity and aesthetic value of literary pieces.
4. Employ appropriate writing skills for academic writing including note making, report and précis.

**Course Content**

**UNIT-I** **14 hours**

1. Charles Dickens: *Great Expectations*

**UNIT-II** **17 hours**

2. Texts Prescribed for Grammar  
Oxford Practice Grammar by John Eastwood (Exercises 104 to 136)

**UNIT-III** **16 hours**

3. Reading Skills
  - o Comprehension of Unseen Passage (Poetry and Prose)

**UNIT-IV** **11 hours**

4. Vocabulary:

Synonyms  
Proverb

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

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### Suggested Readings

- Best, Wilfred D. *The Student's Companion*, The Pearson Education, 1983.
- Eastwood, John. *Oxford Practice Grammar*, OUP, 2004.
- Dickens, Charles. *Great Expectations*, Hertfordshire: Wordsworth Classics, 1992.

**Course Title:** ਪੰਜਾਬੀ

L	T	P	Cr.
4	0	0	4

**Course Code-402**

**Total Hours: 60**

**Course Outcomes: On successful completion of this course, the students will be able to**

1. ਪੰਜਾਬੀ ਨਾਵਲ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।
2. ਡਾ. ਦਲੀਪ ਕੌਰ ਟਿਵਾਣਾ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।
3. ਇੰਟਰਨੈਟ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।
4. ਸੂਚਨਾਤਕ ਨਾਲੋਂ ਜੀਬਾ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।

### Course Content

**Bwg-a**

**20 hours**

1. ਦਲੀਪ ਕੌਰ ਟਿਵਾਣਾ: ਏਹੋ ਹਮਾਰਾ ਜੀਵਨਾ (ਨਾਵਲ)।

**Bwg-A**

**10 hours**

2. ਪ੍ਰੋਰਾਪਤ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣੇ।

**Bwg-e**

**15 hours**

3. ਸੂਚਨਾਤਕ ਨਾਲੋਂ ਜੀਨਾਲ ਸਬੰਧਿਤ ਤਕਨੀਕੀ ਸ਼ਬਦਾਵਲੀ।
4. ਕੰਪਿਊਟਰ, ਇੰਟਰਨੈਟ, ਸੂਚਨਾਤਕ ਨਾਲੋਂ ਜੀਨਾਲ ਸਬੰਧਿਤ ਮੁੱਢਲੀ ਜਾਣਕਾਰੀ ਅਤੇ ਮਹੱਤਤਾ ਬਾਰੇ ਲੇਖ ਲਿਖਣਾ।

**Bwg-s**

**15 hours**

5. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਸੁਰ ਪ੍ਰਬੰਧ

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### 6. ਪੰਜਾਬੀਭਾਸ਼ਾਦੀਉਪ-ਵਾਕਜੁਗਤ

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion

*pusqksUcl*

- ਦਲੀਪ ਕੌਰ ਟਿਵਾਣਾ, ਏਹੋ ਹਮਾਰਾ ਜੀਵਣਾ, ਲੋਕ ਗੀਤ ਪ੍ਰਕਾਸ਼ਨ, ਚੰਡੀਗੜ੍ਹ 1971
- ਜੋਗਿੰਦਰਸਿੰਘਪੁਆਰ, ਬਲਦੇਵਸਿੰਘਚੀਮਾ, ਸੁਖਵਿੰਦਰਸਿੰਘਸੰਘਾਅਤੇਵੇਦਅਗਨੀਹੋਤਰੀ, ਪੰਜਾਬੀਭਾਸ਼ਾਦਾਵਿਆਕਰਨ (ਭਾਗ-ਦੂਜਾ), ਪੰਜਾਬੀਭਾਸ਼ਾਅਕਾਦਮੀ, ਜਲੰਧਰ।

**Course Title: Punjab History & Culture**

**Course Code: BAT403**

L	T	P	Cr
4	0	0	4

**Total Hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Provide information regarding background of Political struggles.
2. Develop understanding various concepts of Guru's Period.
3. Provide information of institutions in Sikh history.
4. Understand the concept of Dal khalsa.

### **Course Content**

#### **UNIT-I**

**14 hours**

1. Martyrdom of Guru Teg Bahadur Ji: Causes and Impact.
2. Guru Gobind Singh's Relations with the Hill Rajas and Mughals.

#### **UNIT-II**

**17 hours**

3. Creation of the Khalsa or the Khalsa in Action.

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4. Emergence of Dissenting Sikh Sects: Udasis, Minas Ramraias Dhirmalias.

### UNIT-III

16 hours

5. Banda Bahadur and his achievements and its failure.

6. Political struggle of the Sikhs against Zakariaya Khan, Yahiya Khan, Mir Mannu.

### UNIT-IV

11 hours

7. Origin and Development of Dal Khalsa, Rakhi system and Gurmata.

8. Sikh-Afgan struggle (1762-65); Causes of Sikh success against the Mughals and Afghans.

**Course Title: Creative Writing**

**Course Code: BAT404**

L	T	P	Cr.
0	0	4	2

**Total Hours: 30**

**Course Outcomes: On successful completion of this course, the students will be able to**

1. ਰਚਨਾਤਮਕ ਲਿਖਤਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ।
2. ਨਿਬੰਧ ਰਚਨਾ ਤੇ ਪੈਰੂਾ ਰਚਨਾ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।
3. ਪੰਜਾਬੀ ਮਾਸਮੀਡੀਆ ਦੀ ਸਮਕਾਲੀ ਸਥਿਤੀ ਅਤੇ ਇਸ ਦੇ ਖੇਤਰ ਦੀ ਮਹੱਤਤਾ ਨੂੰ ਸਮਝਣਗੇ।
4. ਰੁਜਗਾਰ ਦੇ ਪੱਖੋਂ ਰਿਜਨਾਤਮਕ ਲਿਖਤਾਂ ਲਿਖਣ ਦੇ ਯੋਗ ਹੋਣਗੇ।

### Course Content

#### UNIT-I

8 hours

ਸਾਹਿਤ ਸਿਰਜਣਾ ਦੇ ਬੁਨਿਆਦੀ ਨੁਕਤੇ :

- ਸਾਹਿਤ ਦੀ ਪਰਿਭਾਸ਼ਾ, ਸਰੂਪ ਅਤੇ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ
- ਸਾਹਿਤ ਅਤੇ ਸਮਾਜ ਪਰਸਪਰ ਅੰਤਰ-ਸਬੰਧ
- ਸਾਹਿਤ ਅਤੇ ਹੋਰ ਅਨੁਸ਼ਾਸਨ : ਮਨੋਵਿਗਿਆਨ, ਦਰਸ਼ਨ ਸ਼ਾਸਤਰ ਅਤੇ ਸਮਾਜ ਸ਼ਾਸਤਰ

#### UNIT-II

8 hours

ਕਾਵਿਲੇਖਣ

- ਕਵਿਤਾ: ਪਰਿਭਾਸ਼ਾ, ਰੂਪ ਅਤੇ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ

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- ਕਾਵਿਭਾਸ਼ਾ, ਕਾਵਿਬਿੰਬਅਤੇਪ੍ਰਤੀਕ, ਛੰਦ, ਬਹਿਰ
- ਗੀਤ, ਗਜ਼ਲਅਤੇਖੁਲੀਕਵਿਤਾਦੀਸਿਰਜਣਾਕਰਨਾ

**UNIT-III**

**8 hours**

ਕਹਾਣੀਲੇਖਣ :

- ਨਿੱਕੀਕਹਾਣੀ: ਪਰਿਭਾਸ਼ਾ, ਸਰੂਪਅਤੇਵਿਸ਼ੇਸ਼ਤਾਵਾ
- ਕਥਾਨਕ, ਪਾਤਰਚਿਤਰਣ, ਵਾਰਤਾਲਾਪਅਤੇਭਾਸ਼ਾਸ਼ੈਲੀ
- ਨਿੱਕੀਕਹਾਣੀਲੇਖਣ

**UNIT-IV**

**6 hours**

ਨਿਬੰਧਲੇਖਣ :

- ਨਿਬੰਧ: ਪਰਿਭਾਸ਼ਾ, ਸਰੂਪਅਤੇਵਿਸ਼ੇਸ਼ਤਾਵਾ
- ਵਿਸ਼ੇਦੀ ਚੋਣ ਅਤੇਲੋੜੀਂਦੀਸਮੱਗਰੀ
- ਨਿਬੰਧਲੇਖਣ

**Transaction Mode:** Lecture, writings, Problem Solving, blended learning, Discussion

**ਪੁਸਤਕਸੂਚੀ**

- ਡਾ. ਬਲਬੀਰਸਿੰਘਦਿਲ, ਪੰਜਾਬੀਨਿਬੰਧ: ਸਰੂਪ, ਸਿਧਾਂਤਅਤੇਵਿਕਾਸ, ਪਬਲੀਕੇਸ਼ਨਬਿਊਰੋ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਜੋਗਿੰਦਰਸਿੰਘ, ਪਿੰਗਲਅਤੇਆਰੂਜ਼, ਪੰਜਾਬੀਸਾਹਿਤਅਕਾਦਮੀ, ਲੁਧਿਆਣਾ।
- ਗੁਰਮੇਲਸਿੰਘ, ਖੁਲੀਕਵਿਤਾਦੇਮਾਪਦੰਢ, ਚੇਤਨਾਪ੍ਰਕਾਸ਼ਨਲੁਧਿਆਣਾ।

**Course Title: Reading and Writing Skills**

**Course Code: BAT405**

L	T	P	Cr
1	0	0	1

**Total Hours: 15**

**Course Learning Outcomes: On successful completion of this course, the students will be able to:**

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1. Comprehend the concept of Reading and Writing in English.
2. Explore the benefits and barriers of Effective Reading.
3. Acquaint with different types of Reading and Writing.
4. Differentiate between Formal and Informal Writing.

### Course Content

<b>UNIT-I</b> Reading Types-silent/loud, extensive and intensive Reading Skills- Purpose, Process, Methodologies	<b>4 hours</b>
<b>UNIT-II</b> Levels of Reading Reading Comprehension Defects in reading and their remedial measures	<b>4 hours</b>
<b>UNIT-III</b> Elements of Effective Writing (What is writing?) The Sentence, Phrases and Clauses Types of Sentences	<b>3 hours</b>
<b>UNIT-IV</b> Main Forms of Written Communication Paragraph Writing (Linkage and Cohesion) Letter writing (formal and informal) Essay writing	<b>4 hours</b>

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

#### Suggested Readings:

- Monippally, Matthukutty, *M. Business Communication Strategies*. Tata McGraw-Hill Publishing Company Ltd., 2001.
- Adair, John. *Effective Communication*. Pan Macmillan Ltd.,2003.
- Hasson, Gill. *Brilliant Communication Skills*. Great Britain: Pearson Education, 2012.

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr</b>
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**Course Title: English literature**

<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>
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**Course Code: BAT406**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Develop critical thinking and imagination through English Prose and poetry.
2. Grasp the process of communicating and interpreting human experiences through literary representation.
3. Have an awareness of class, race and gender as social constructs of Elizabethan and Romantic Periods of English literature.
4. Create a concept of feminism as a social movement and a critical tool for interpreting texts.

**Course Content**

<b>UNIT-I</b>	<b>11 hours</b>
William Shakespeare: As you Like It	
<b>UNIT-II</b>	<b>11 hours</b>
Wordsworth: The Prelude book 1	
<b>UNIT-III</b>	<b>11 hours</b>
Christopher Marlowe: The Jew of Malta	
<b>UNIT-IV</b>	<b>12 hours</b>
Mary Wollstonecraft: Vindication of the Rights of Women	

**Transaction Mode:** Brain Storming, Quiz, Group Discussion, Open Talk.

**Suggested Readings**

- Wordsworth ,William . *The Prelude*. Penguin, 1983

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- Woolstonecraft, Mary. *A Vindication of the Rights of Woman*, Penguin Classics, 2004 .
- Marlowe, Christopher. *The Jew of Malta*. Manchester University Press, 1997.
- Wollstonecraft, Mary. *The Vindications The Rights of Woman*. Broadview Literary Texts, 1997.

**Course Title:** *coxVINpMjwbl*

L	T	P	Cr.
3	0	0	3

**Course Code:** BAT407

**Total Hours: 45**

**Course Outcomes: On successful completion of this course, the students will be able to:**

1. ਪੰਜਾਬੀ ਕਵਿਤਾ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।
2. ਵੱਖ-ਵੱਖ ਕਵੀਆਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।
3. ਅਨੁਵਾਦ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।
1. ਪੰਜਾਬੀ ਸ਼ਬਦ ਜੋੜ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।

### Course Content

ਭਾਗ-ੳ  
ਹੋਰਸ 10

1. ਪੰਜਾਬੀ ਕਵਿਤਾ ਦਾ ਇਤਿਹਾਸ

Bwg-A 15 hours

2. ਕਾਵਿ ਕੀਰਤੀ, ਡਾ. ਹਰਿਭਜਨ ਸਿੰਘ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ ਅੰਮ੍ਰਿਤਸਰ

Bwg-e 10  
hours

3. ਅੰਗਰੇਜ਼ੀ ਪੈਰੋਡੋ ਪੰਜਾਬੀ ਅਨੁਵਾਦ।
4. ਹਿੰਦੀ ਪੈਰੋਡੋ ਪੰਜਾਬੀ ਅਨੁਵਾਦ।
5. ਪੰਜਾਬੀ ਦੇ ਇੱਕ ਪੈਰੋਡੀ ਸ਼ਬਦ ਜੋੜ ਸੁਧਾਈ, ਲਗਾਂ-ਮਾਤਰਾਵਾਂ ਅਤੇ ਵਾਕ ਸੁੱਧੀ ਕਰਨ।

Bwg-s

10

hours

6. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਲਿੰਗ ਅਤੇ ਵਚਨ ਪ੍ਰਬੰਧ
7. ਪੰਜਾਬੀ ਸ਼ਬਦ ਜੋੜ

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion

**pusqksUcl**

- ਕਾਵਿ ਕੀਰਤੀ, ਡਾ. ਹਰਿਭਜਨ ਸਿੰਘ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ ਅੰਮ੍ਰਿਤਸਰ
- ਡਾ. ਹਰਿਭਜਨ ਸਿੰਘ, ਕਾਵਿਕੀਰਤੀ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ ਅੰਮ੍ਰਿਤਸਰ।
- ਜੋਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ, ਬਲਦੇਵ ਸਿੰਘ ਚੀਮਾ, ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾ ਅਤੇ ਵੇਦ ਅਗਨੀ ਹੋਤਰੀ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਆਕਰਨ (ਭਾਗ-ਤੀਜਾ), ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।

**Course Title:** ਹਿੰਦੀ ਭਾਸ਼ਾ ਅਤੇ ਕਾਵਿ ਸ਼ਾਸਤਰ

**Course Code:** BAT408

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: After successful completion of this course, the students will be able to**

1. छात्रों को हिंदी काव्य और महाकाव्य की जानकारी होगी
2. छात्रों की हिंदी शब्दावली में वृद्धि होगी
3. छात्रों की कल्पनात्मक, समीक्षात्मक, सृजनात्मक शक्ति का विकास होगा
4. छात्रों को राष्ट्र भाषा हिंदी की बोली एवं लिपि का ज्ञान होगा

### Course Content

भाग- क

12 hours

काव्य : परिभाषा, स्वरूप, प्रयोजन

महाकाव्य : परिभाषा एवं स्वरूप

हिन्दी नाटक : परिभाषा एवं तत्त्व

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हिन्दीकहानी : परिभाषा एवंतत्त्व

भाग- ख

11 hours

.तकनिकी शब्दावली ,विराम चिन्ह ,सन्धि

भाग-ग

10 hours

भाषा -परिभाषा ,प्रवृत्ति एवं अभिलाक्षणा

भाग- घ

12 hours

राष्ट्रभाषाहिन्दी : बोलीऔर लिपि

हिन्दीसंस्मरण : उद्भवऔरविकास

हिन्दीरेखाचित्र : उद्भवऔरविकास

**Transaction Mode:** Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

सहायकपुस्तकें:

- भावुक, कृष्ण )डॉ(., हिंदी भाषा का इतिहास, अशोक प्रकाशन, दिल्ली, 1997
- तिवारी, भोलनाथ )डॉ(., हिंदी भाषा, किताब महल, इलाहाबाद, प्रथम संस्करण, 1966
- तिवारी, भोलनाथ )डॉ(., भाषा विज्ञान, किताब महल, इलाहाबाद, प्रथम संस्करण, 1951
- शास्त्री, रामचंद्र वर्मा )डॉ( .एवं डॉ .माया अग्रवाल, भाषा-विज्ञान एवं हिंदी भाषा, अनीता प्रकाशन, दिल्ली, 1994
- बाहरी, हरदेव )डॉ(., हिंदी :उद्भव, विकास और रूप, किताब महल, इलाहाबाद, प्रथम संस्करण 1965

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**Course Title: Public Finance and International  
Economics**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>

**Course Code: BAT409**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Explain the nature of public finance and difference between the private and public finance.
2. Elucidate the concepts of Balance of Payments and foreign exchange rate.
3. Identify the tax structure in India.
4. Describes the achievements of World Bank, SAARC and IMF.

**UNIT-I**

**12 hours**

**Introduction to Public Finance and Taxes:** Public Finance: Nature and Scope; Public, Private and Merit Goods. Social Goods and Market Failure; Principle of Maximum Social Advantage. Tax: Meaning and Classification of Taxes; Structure of Public Budget. Allocation of Tax Burden-Benefit and Ability to Pay Theories; Incidence and Shifting of Tax Burden, Dead Weight Loss. Major Taxes in India; Goods and Services Tax (GST) in India: Concept and Structure

**UNIT-II**

**10 hours**

**Public Expenditure & Public Debt:** Public Expenditure: Meaning and Importance, Wagner's Hypothesis. Classification of Public Expenditure, Reasons for the Growth of Public Expenditure, Trends in India's Public Expenditure. Public Debt-Sources and its Impact on Economic Growth, Debt Redemption, Fiscal Federalism in India.

**UNIT-III**

**11 hours**

**Introduction and International Trade Theories:** International Economics: Meaning, Scope and Importance; Need for Separate Theory of International Trade. Pure Theory of International Trade: Absolute Cost Advantage Theory,

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Comparative Cost Advantage Theory, Opportunity Cost Theory, Heckscher-Ohlin Theory, Leontiff Paradox. Concepts of Terms of Trade; Doctrine of Reciprocal Demand, Offer Curves; Singer-Prebisch Thesis.

### UNIT-IV

**12 hours**

**Foreign Exchange and Balance of Payment:** Meaning of Foreign Exchange; Exchange Rate; Exchange Rate System: Fixed vs. Floating Exchange Rate Policy; Exchange Rate Determination: Purchasing Power Parity Theory Demand and Supply Theory. Balance of Payments: Concept and Components, Disequilibrium in Balance of Payments, Balance of Payments Adjustment. Free Trade and Protection: Arguments for and against; Methods of Protection. GATT & WTO: Functions and Agreements; IMF: Objectives, Functions and Achievements; World Bank Objectives, Functions and Performance.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

### Suggested Readings

- Musgrave, A R and Musgrave, P B (1976). *Public finance in Theory and Practice*, McGraw Hill, International Student's Edition.
- Kindleberger, C P (1977). *International Economics*, Richard Irwin HomeswoodIllinois, Indian Edition.
- Soderston, B O (1990). *International Economics*, Macmillan Press Ltd.

**Course Title: Social Change and Development**

**Course Code: BAT410**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Develop skills to understand the causes and development of social change
2. Familiarize with the theoretical perspectives of social stratification.
3. Explain social discrimination on the basis of power and gender in Indian society.
4. Analyze the changing patterns in caste system and development policies in India.

### **Course Content**

#### **UNIT-I**

**12 hours**

**Social change:** Meaning, definition, features Types of social change: Evolution, Revolution, Progress and Development (concept and feature).

#### **UNIT-II**

**11 hours**

**Process of social change:** Features of Industrialization, Modernization, Globalization, Westernization.

#### **UNIT-III**

**12 hours**

**Definition and meaning of development,** Economic growth and development

Social development and social indicators, Environment and Development, Sustainable development

#### **UNIT-IV**

**10 hours**

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**Development programmes in India:** Five-year plans, Community Development Programme (CDP), Panchayati Raj and its impact on women empowerment.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration.

### Suggested Readings

- Desai, A.R.1985.*India's path of development: A Marxist approach.* Bombay: Popular Prakashan.
- Dube, S C. 1998.*Modernization and development.* Vistaar Publisher: New Delhi.
- Giddens, A. 1990. *The consequences of modernity.*Cambridge: Polity press
- Moor, W. and Robert, C. 1967.*Social change.* New Delhi: Prentice Hall.
- Sharma, S L. 1986 *Development: Socio-cultural development.* Rawat Publications, Jaipur.
- Singh Sukhdev.1997.*PenduSamaaj ate Pendu Vikas.* Patiala:Publication Bureau Punjabi University.
- Srinivas, M.N.1966.*Social change in modern India.* Berkley: University of Berkley.

**Course Title: Political Science-IV**

L	T	P	Cr
3	0	0	3

**Course Code: BAT411**

**Total Hours 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Discuss the role of Caste, Religion and Regionalism in Indian Politics
2. Compare and contrast the powers, function of election commission and voting behavior.
3. Categorize the various regional and national political parties.
4. Identify the functioning of various organs of Indian government such as legislature, Executive and Judiciary.

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### Course Content

#### UNIT-I

10 hours

1. Indian Cabinet: Prime Minister, Appointment, Powers, Position and Changing Role.
2. Supreme Court: Composition, Powers and role in the Indian Constitutional Process

#### UNIT-II

13 hours

3. Nature of Party System in India: A critical evaluation.
4. National Political Parties (Indian National Congress and BJP): their Organization, Ideology and electoral performance
5. Pressure Groups in Indian Politics and their Role.

#### UNIT-III

09 hours

6. Role of Religion in Indian Politics.
7. Caste and Regionalism in Indian Politics.

#### UNIT-IV

12 hours

8. The Election Commission: Composition, Powers and Role.
9. Electoral Reforms in India
10. Determinants of voting behaviour in India.

**Transaction Mode:** Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

#### Suggested Readings

- Assembly, Constituent.(1949) "Constitution of India." Ministry of Law and Justice, editor. New Delhi, India: Ministry of Law and Justice, India .
- Bose, Durgadas. (1955). ed. Commentary on the Constitution of India... Vol. 1. SC Sarkar.
- Joshi, GulabbhaiNaranji. (1975.) The Constitution of India. Delhi: Macmillan Company of India.
- Ghosh, Pratap Kumar. (1966). *The Constitution of India: How it Has Been Framed*. PrabhatPrakashan.
- Puneeth, P. &\_V. N. Shukla. (2008). Constitution of India.
- G. Austin. (1966). The Indian Constitution: Corner Stone of a Nation, Oxford, Oxford University Press.

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- G. Austin.(2000). Working of a Democratic Constitution: The Indian Experience, Delhi, Oxford University Press.
- D.D. Basu.(1994).An Introduction to the Constitution of India, New Delhi, Prentice Hall.
- C. P. Bhambari.(1997).The Indian State fifty years, New Delhi, Sipra.
- P. Bras.(2003).Politics of India since Independence, Cambridge University Press,
- P. Brass. (1995).Ethnic Groups and the State, London, Crook Helm.
- P. Brass. (1974).Language, Religion and Politics in North India, London, Cambridge University Press.
- B.L. Fadia.(1984).State Politics in India, Vol. II, New Delhi, Radint Publisher.
- F.R. Frankel. (1978).Indian Political Economy oxford university press.
- R. Kothari .(1988).State against Democracy : In Search of Human Governance, Delhi, Ajantha.
- R. Kothari. (1970) .Politics in India, New Delhi, Orient Longman.
- R. Kothari.(1967).Party System and Election Studies, Bombay, Asia Publishing House.
- Iqbal Narain.(1967).State Politics in India, Meerut, Meenakshi Parkashan,
- M.V. Pylee .(1977).Constitutional Government in India, Bombay, Asia Publishing House.

**Course Title: History of Sikhs**

**Course Code: BAT412**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Understand the various concepts in the Gurus Period.
2. Provide information regarding Political, Social & Religious issues of during period..
3. Discuss social condition of Punjab.
4. Provide information about the religious condition Punjab

### **UNIT-I**

**12 hours**

**Sources:** Main Sources of Punjab History.

**Guru Nanak Dev:** His Teachings; Evaluation of Sikhism 1539-1606 (from Guru Angad to Guru Arjun Dev Ji)

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### UNIT-II

**10 hours**

Transformation of Sikhism from Guru Hargobind to Guru Tegh-Bahadur.  
Guru Gobind Singh: Creation of the Khalsa and its Significance.

### UNIT-III

**11 hours**

Relations of Sikh Gurus with Mughals, 1605-1708.  
Banda Bahadur and establishment of Independent rule of the Sikhs; causes of his ultimate failure.

### UNIT-IV

**12 hours**

Sikh Struggle against the Mughals during the periods of AbdusSamad Khan, Zakariya Khan, Mir Mannu and Adina Beg.

#### Maps:

- Battle of Guru Gobind Singh.
- Military exploits of Banda Bahadur.
- Important places connected with the Sikh Gurus in the Punjab.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

### Suggested Readings

- Banerjee, InduBhushan, Evaluation of the Khalsa, Vol. I & II (English & Punjabi)
- J.S. Grewal, New Cambridge History of India; The Sikhs of the Punjab
- Joginder Singh &, Punjab da Itihas (Punjabi)
- Prithipal Singh Kapoor
- Bhagat Singh, Punjab da Itihas (Punjabi), PP. 34-506
- Arora, A.C., Punjab d Itihas (Punjabi & Hindi)
- Gurcharan Singh &, History of the Punjab (Punjabi & Hindi)
- Gandhi S.S.
- Khushwant Singh, History of the Sikhs, Vol. I
- Arora, A.C., Atlas of the Punjab History (English, Punjabi & Hindi),
  - PP 2-26
- Verma, D.K., Guru Gobind Singh on Canvas of History (English).

**Course Title: Religious Movements: Medieval and Modern**

L	T	P	Cr.
3	0	0	3

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

- 1 Understand that the academic study of new religious movements is known as new religions studies.
- 2 Know that the new religious studies have been drawn from the disciplines of anthropology, psychiatry, history, psychology, sociology, religious studies, and theology.
- 3 Understand that the five sources of information on NR Ms, the information provided by such groups themselves, that provided by ex-members as well as the friends and relatives of members and organizations.
- 4 Learn that philosophy of religion is the philosophical examination of the central themes and concepts involved in religious traditions.

**Course Content**

**UNIT- I**

**12 hours**

1. ਲਹਿਰ: ਉਤਪਤੀਤੇਵਿਕਾਸ
2. ਭਗਤੀਲਹਿਰਦੇਪ੍ਰਭਾਵ
3. ਭਗਤਕਬੀਰਜੀ, ਭਗਤਨਾਮਦੇਵਜੀ, ਭਗਤਰਵਿਦਾਸਜੀ: ਜੀਵਨਵੇਰਵਾ

**UNIT-II**

**10 hours**

4. ਸੂਫੀਮਤ: ਆਰੰਭਅਤੇਵਿਕਾਸ
5. ਸੂਫੀਮਤ: ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ
6. ਬਾਬਾਫ਼ਰੀਦਜੀ: ਜੀਵਨਤੇਸਿੱਖਿਆਵਾਂ

**UNIT-III**

**11 hours**

7. ਸੰਤ ਨਿਰੰਕਾਰੀ ਮਿਸ਼ਨ
8. ਚੀਫ਼ ਖ਼ਾਲਸਾ ਦੀਵਾਨ
9. ਸ਼੍ਰੋਮਣੀ ਗੁਰਦੁਆਰਾ ਪ੍ਰਬੰਧਕ ਕਮੇਟੀ

**UNIT-IV**

**12 hours**

10. ਰਾਮਕ੍ਰਿਸ਼ਨਮਿਸ਼ਨ

11. ਬ੍ਰਹਮੋਸਮਾਜ

12. ਆਰੀਆਸਮਾਜ

**ਟ੍ਰਾਂਜੈਕਸ਼ਨ ਮੋਡ:** ਲੈਕਚਰ, ਸਮੱਸਿਆ ਹੱਲ, ਮਿਸ਼ਰਤ ਸਿਖਲਾਈ, ਚਰਚਾ ਅਤੇ ਪ੍ਰਦਰਸ਼ਨ, ਅਤੇ ਕੇਸ ਅਧਿਐਨ।

**ਸਹਾਇਕਪੁਸਤਕਾਂ**

- ਉੱਤਰੀਭਾਰਤਦੀਸੰਤਪਰੰਪਰਾ, ਪਰਸੁਰਾਮਚਤੁਰਵੇਦੀ (ਹਿੰਦੀ)
- ਗੁਰਦੁਆਰਾਸੁਧਾਰਲਹਿਰ, ਗਿ. ਪ੍ਰਤਾਪਸਿੰਘ, ਖਾਲਸਾਬ੍ਰਦਰਜ਼, ਸ਼੍ਰੀਅੰਮ੍ਰਿਤਸਰਸਾਹਿਬ।
- ਸ਼ੇਖਫਰੀਦਤੇਰਚਨਾ, ਡਾ. ਤਾਰਨਸਿੰਘ, ਬਲਵੀਰਕੌਰ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਭਗਤੀਅੰਦੋਲਨਤੇਗੁਰੂਨਾਨਕ, ਡਾ. ਮਨਮੋਹਨਸਿੰਘ
- **Punjab Past and Present** (Special Issue), Dr. Ganda Singh

**Course Title: Math 4<sup>th</sup> (Complex Analysis)**

**Course Code: BAT414**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to:**

1. Acquire the basic ideas of analysis for complex functions in complex variables with visualization through relevant practical situations.
2. Understand the significance of differentiability of complex functions leading to the understanding of Cauchy-Riemann equations.
3. Evaluate the contour integrals and understand the role of Cauchy-Goursat theorem and the Cauchy integral formula.
4. Expand some simple functions as their Taylor and Laurent series, classify the nature of singularities, find residues and apply Cauchy Residue theorem to evaluate integrals.

**UNIT-I**

**12 hours**

**Analytic Functions and Cauchy-Riemann Equations:** Functions of complex variable, Mappings; Mappings by the exponential function, Limits, Theorems on limits, Limits involving the point at infinity, Continuity, Derivatives, Differentiation formulae, Cauchy-Riemann equations, Sufficient conditions for differentiability; Analytic functions and their examples.

**UNIT-II**

**12 hours**

**Elementary Functions and Integrals:** Exponential function, Logarithmic function, Branches and derivatives of logarithms, Trigonometric function, Derivatives of functions, Definite integrals of functions, Contours, Contour integrals and its examples, Upper bounds for moduli of contour integrals.

**UNIT-III**

**10 hours**

**Cauchy's Theorems and Fundamental Theorem of Algebra:** Antiderivatives, Proof of antiderivative theorem, Cauchy-Goursat theorem, Cauchy integral formula; An extension of Cauchy integral formula, Consequences of Cauchy integral formula, Liouville's theorem and the fundamental theorem of algebra.

**UNIT-IV**

**11 hours**

**Series and Residues:** Convergence of sequences and series, Taylor series and its examples; Laurent series and its examples, Absolute and uniform convergence of power series, Uniqueness of series representations of power series, Isolated singular points, Residues, Cauchy's residue theorem, residue at infinity; Types of isolated singular points, Residues at poles and its examples.

**Transaction Mode-** Video Based Teaching, Collaborative teaching, Group Discussion, ted talks, E team Teaching, Quiz, Case analysis.

**Suggested Readings**

- Brown, James Ward, & Churchill, Ruel V. (2014). *Complex Variables and Applications* (9th ed.). McGraw-Hill Education. New York.
- Bak, Joseph & Newman, Donald J. (2010). *Complex analysis* (3rd ed.). Undergraduate Texts in Mathematics, Springer. New York.
- Zills, Dennis G., & Shanahan, Patrick D. (2003). *A First Course in Complex Analysis with Applications*. Jones & Bartlett Publishers, Inc.

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- Mathews, John H., & Howell, Rusell W. (2012). *Complex Analysis for Mathematics and Engineering* (6th ed.). Jones & Bartlett Learning. Narosa, Delhi. Indian Edition.
- Suggested digital platform: NPTEL/SWAYAM/MOOCs.

**Course Title: Physical Education**

**Course Code: BAT415**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Know about the functions of different organs of respiratory system
2. Know about the communicable diseases
3. Understand the effects of yoga on body

### Course Content

#### THEORY

##### UNIT-I

**12 hours**

**Digestive system:** - Structure and function of different organs of digestive system and mechanism of digestion.

**Respiratory system:** Structure and function of different organs of Respiratory system, mechanism of respiration (Internal & External).

**Excretory System:** Structure and function of kidney and skin.

##### UNIT-II

**10 hours**

**Endocrine System:** - Structure, Function and location of Pituitary, Thyroid and Adrenal glands.

**Communicable Diseases:** - Classification, mode of transmission, presentation and control of malaria tuberculosis, hepatitis A, B, tetanus, Typhoid, rabies and Aids.

**Yoga:** - Meaning, aim, importance and types of yoga.

##### UNIT-III

**13 hours**

**Asanas:** - Importance, practicing meditative pose-padma,vagra, such asana Culture poses:- halasanas, sarvangasana, bhujayasana, salbhasana, dhanurasanas and chakarasana.

**Effect of yoga on body:-** Effect of yoga on different system of body.

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**Pranayam:** - Meaning, objective, importance physiological value and types.

### UNIT-IV

**10 hours**

**Sudhi Kirya:** - Meaning, Objective, Physiological values and types.

**Conditioning:** - Meaning, objective, importance and principal.

**Relaxation:** - Meaning, importance and techniques of relaxation progressive muscle relaxation, breathing exercise, yoga nidra and transcendental meditation.

### PRACTICAL

Relay and Hurdle	8M (Any One Race)
Pole Vault	8M (Any One Race)
Hummer Throw	8M (Any One Race)
Judo, Ball Badminton, Volleyball	16M (Any One Game)

### Suggested Readings

- Kang G. S. Deol N. S. – An introduction to Helth and Physical Education 21<sup>st</sup> century Patiala 2008.
- Yoga Hygiene, simplified by the Yoga institute, Santa Cruz, Bombay, shri Yogendra1980.
- Swami Siranander: The Science of Paranayama, 1978, Published by the Divine life society P. O. Shivananda Nagar. Distt. Tehri Garhgwal. U. P. Himalayas Ind.
- Facts about by Shri Yogendra,1975, Kuvalaya Dhama, Lonavala Bombay.
- Bucher Olsen and Willgoose: The Foundation of Health, Prentice Hall inc. Englewood fliffs, New Jersey,1976.
- G. S. Kang: Anatomy, Physilogy and Health Education, Published by Publication Bureau, Punjabi University, Patiala.
- Ajmer Singh and Jagtar Singh Gill: Essentail of Physical education and Olympic movement Kalyani Publishers, Ludhiana.2004.

**Course Title: Draping and Grading Lab**

**Course Code: BAT416**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Learn about grading department industries
2. Know advantages and disadvantages of the Draping
3. Enhance skill of Pattern development through draping:

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4. Have Knowledge about grading & its importance.

### Course Content

#### **UNIT-I** **13 hours**

Introduction to draping;  
Advantages and disadvantages.

Seam allowances/ease.

Understanding of style lines.

Preparation of Muslin for draping.

#### **UNIT-II** **9 hours**

Terminology related to draping

Equipment needed

#### **UNIT-III** **11 hours**

Pattern development through draping:

Basic Bodice

Design variation

Manipulating dart excess at different locations

Dividing dart excess- Waist & side seam, waist & shoulder

Princess line

#### **UNIT-IV** **12 hours**

Different types of Skirts

Grading techniques:

Introduction to grading & its importance

Introduction to different methods: Front bodice, Back bodice, Sleeve block

**Transaction Mode:** Group Discussions, Questions, Project Based Learning, Video Based Teaching

#### **Suggested Readings**

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- Harold Carr & Barbara Latham, 2008 *The Technology of clothing Manufacture*, Blackwell Science
- Singer, 1994 *Sewing Lingerie*, Cy Decrosse incorporated
- Coklin Gerry, 1991, *Pattren Grading Of children's* Om Book Service

**Course Title: Food & Nutrition**

**Course Code: BAT417**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: After successful completion of this course, the students will be able to**

1. Know and understand the importance and different elements of a balanced diet
2. Classify the various principles and methods to prepare a meal
3. Knowledge about the nutrition food for patients, Pregnant women, and lactating mother
4. Develop the knowledge about the methods of food preservation

### Course Content

#### THEORY

##### UNIT-I

**12 hours**

Food: functions of food and classification

Essential food constituents: Carbohydrates, Protein, Fats.

Recommended daily allowances, deficiency and excess intake of – Vitamins, Minerals, and Water functions in the body. Role of dietary fiber in human nutrition.

##### UNIT-II

**10 hours**

Principles and methods of cooking. Advantages of cooking of the food. Effect of cooking on different nutrients.- Moist heat - Boiling, stewing, steaming- Dry heat

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- Roasting grilling baking- Frying - Shallow and deep- Radiation - Solar and microwave

Methods of enhancing nutritive value of food stuff.- Importance of enhancing nutritive value of food stuffs.- Method of enhancing nutritive value of food stuffs, Sprouting fermentation combination and supplementation.

### UNIT-III

**10 hours**

Concept of Meal planning, balanced diet

Principles of meal planning, factors affecting. Meal planning for- male and female, Pregnant women and lactating mother

### UNIT-IV

**13 hours**

Introduction to therapeutic Nutrition, therapeutic adaptation of the normal diet soft and fluid diet, planning of diet in- Typhoid fever, Diarrhea., Constipation, Diabetes, High Blood Pressure, Food Preservation:

Food Preservation –Importance, Causes of food spoilage, Principles of food preservation, Methods of food preservation with special emphasis on household methods.

### PRACTICAL

Preparation of:

1. Beverages- Tea, Coffee, Milkshake.
2. Cereals-Rice, Chappati, Sandwich, Pastries, Cakes.
3. Vegetables Salad, Curries.
4. Fruit-Fresh and stewed.
5. Milk-Porridge, Curds, paneer.
6. Soups-clear.
7. Meat-cookery/alternative Vegetarian substitutes,
8. Some traditional recipes of Punjab.

Planning and Preparation of meals for:

9. Adolescents' boys and girls.

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10. Planning and preparation of diets for the patients suffering from: Diabetes and vitamin deficiencies.

**Suggested Readings**

- DurgaDeulkar, 1973: *Household Textiles and Laundry Work*, Atma Ram and Sons. New Delhi.
- Farmer Bedrich, 1982: *Batik and Ikat*, Cutter Worth London.
- Gooch Peter M., 1974: *Ideas for Fabric Printing and dyeing*, Charles fribners, New York.
- Grayson Marlin, 1984: *Encyclopedia of Textiles*, Fibres and Non woolen fabrics, John wiley New York.
- Irabel S. Wingate, 1970: *Textiles Fabric and their Selection*, Prentice Hall Englewood Cliffs.

**Course Title: Music**

**Course Code: BAT418**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

- 1.Studies the texts of ancient scholars of Hindustani music.
- 2.Learns about the life and contribution of the composers of Hindustani music.
- 3.Detailed knowledge of Dhrupad &Dhammar styles of singing.
- 4.Learns to write the practical composition according to the notation system.

**Course Content**

**UNIT-I**

**12 hours**

1. Historical development of Indian music during 14<sup>th</sup> to17<sup>th</sup> century with special reference to Akbar period.
2. Contributions and life sketches of following Musicians:
  - a) Bade Gulam ALI Khan
  - b) Pt. BhimSain Joshi

**UNIT-II**

**14 hours**

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1. Detailed knowledge of Dhrupad & Dhammar styles of singing.
2. Varieties of Tans.
3. Description & notations of the following ragas & talas :
  - a) Malkauns
  - b) Bhageshwari
  - c) Bhairavi

### UNIT-III

**08 hours**

1. Taalas: Char taal, Tilwara
2. Importance of Laya & talas in music.
3. Definitions of music.

### UNIT-IV

**11 hours**

1. Historical development of Indian music 1<sup>st</sup> to 17<sup>th</sup> century.
  - a) Matang Muni
  - b) Sharang Dev
2. Origin & development of the Thumrigayanshailee.

**Transaction Mode:** Lecture, Problem Solving, Discussion, Demonstration

### Suggested Readings

- Dr. Davinder Kaur: (1 January 2017) *Sangeet Roop* (Part-I)
- Dr. Premlata Sharma: (1 January 2007) *Sangeet Manual*
- Dr. Yaspal Sharma: (1998) *Gayana Kalan*
- Dr. Suman Lata: *Hindustani Shastrisangeet Sidhantavam Vyavhar*

### Semester-V

**Course Title: English**  
**Course Code: BAT501**

L	T	P	Cr
4	0	0	4

**Total Hours: 60**

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University College of Basic Sciences & Languages (Code:6)

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Interpret critically English literary texts.
2. Read and comprehend texts written in English.
3. Formulate appropriate Curriculum vitae.
4. Apply skills of interpretation and analysis of texts.

**Course Content**

**UNIT-I** **16 hours**  
The Sunset Club by Khushwant Singh

**UNIT-II** **17 hours**

Selected College Poems (Orient Longman). Edited by Ambika Sengupta -The following poems from this book are prescribed:

- a) All the World's A stage
- b) Kubla Khan
- c) Ode to the West Wind
- d) La Belle Dame Sans Merci
- e) Ulysses
- f) My Last Duchess
- g) Say Not the Struggle Naught Availeth
- h) Nightingales.
- i)

**UNIT-III** **14 hours**  
1. a) Essay Writing  
b) Curriculum Vitae writing

**UNIT-IV** **13 hours**

2. Translation of a running passage comprising at least ten sentences from Punjabi/Hindi into English.

**Transaction Mode-** Brain Storming, Quiz, Group Discussion, Open Talk.

**Suggested Readings**

- Singh, Khushwant. *The Sunset Club* , Penguin Book , 2010.

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- Singh, Vandana R. *The Written Word*. Oxford University Press, 2000.

**Course Title:** पंजाबी

**Course Code:** BAT502

L	T	P	Cr.
4	0	0	4

**Total Hours: 60**

**Course Outcomes: On successful completion of this course, the students will be able to**

1. ਪੰਜਾਬੀ ਨਵੀਂ ਖੋਜੀਆਂ ਦੀਆਂ ਰਚਨਾਵਾਂ ਵਿਖੇ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਵਿਕਾਸ ਦੀ ਪੜਚੋਲ ਕਰ ਸਕੇ।
2. ਸਿੱਖ ਸਾਹਿਤ ਦੇ ਵਿਕਾਸ ਦੀ ਪੜਚੋਲ ਕਰ ਸਕੇ।
3. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਵਿਕਾਸ ਦੀ ਪੜਚੋਲ ਕਰ ਸਕੇ।
4. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਵਿਕਾਸ ਦੀ ਪੜਚੋਲ ਕਰ ਸਕੇ।

**Course Content**

**Bwg-a**

**15 hours**

1. ਨਵੀਂ ਖੋਜੀਆਂ ਦੀਆਂ ਰਚਨਾਵਾਂ ਵਿਖੇ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਵਿਕਾਸ ਦੀ ਪੜਚੋਲ ਕਰ ਸਕੇ।

**Bwg- A**

**15 hours**

2. ਸਿੱਖ ਸਾਹਿਤ ਦੇ ਵਿਕਾਸ ਦੀ ਪੜਚੋਲ ਕਰ ਸਕੇ।

**Bwg-e**

**15 hours**

3. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਵਿਕਾਸ ਦੀ ਪੜਚੋਲ ਕਰ ਸਕੇ।

**Bwg-s**

**15**

**hours**

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4. BwrqlkwivSwsqrnwlsMbMDqpMjsMklpAOicqX, vkRokql, swDwrnlkrn, rs, AMlkwr[

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion

ਪੁਸਤਕ ਸੂਚੀ :

- ਜਗਬੀਰ ਸਿੰਘ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ(ਆਦਿ ਕਾਲ ਤੇ ਭਗਤੀ ਕਾਲ) ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ ਅੰਮ੍ਰਿਤਸਰ
- ਪਰਮਿੰਦਰ ਸਿੰਘ, ਕਿਰਪਾਲ ਸਿੰਘ ਕਸੇਲ ਅਤੇ ਗੋਬਿੰਦ ਸਿੰਘ ਲਾਂਬਾ, ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ, ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ ਲੁਧਿਆਣਾ।
- ਸੰਤ ਸਿੰਘ ਸੇਖੋਂ, ਸਮੀਖਿਆ ਪ੍ਰਣਾਲੀਆਂ, ਪੰਜਾਬ ਸਟੇਟ ਟੈਕਸਟ ਬੁੱਕ ਬੋਰਡ, ਚੰਡੀਗੜ੍ਹ।

**Course Title: Punjab History & Culture**

**Course Code: BAT503**

L	T	P	Cr
4	0	0	4

**Total Hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Know the role of social movement in History of Punjab.
2. Enhance the Knowledge of learn about the background of Punjab Society.
3. Understand the administrative and economic development in this period.
4. Expand the information great writers and artists related with Sikh history.

### Course Content

#### UNIT-I

**16 hours**

1. Social life with special reference to position of women, fairs, festivals, folk music, dance and games in the Punjab.
2. The early British Administration (1849-53).

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**UNIT-II**

**17 hours**

3. British Policies towards Agriculture, Industry, Trade and Commerce.
4. Socio-Religious reform movement; Arya Samaj, Singh Sabha and Ahmdiya.

**UNIT-III**

**14 hours**

5. Growth of Political Consciousness in the Punjab upto 1907.
6. A brief survey of the role of the Punjab in freedom movement.

**UNIT-IV**

**13 hours**

7. Circumstance leading to the partition of the Punjab, 1947.
8. Great writers and Artists of the Punjab; Bhai Vir Singh, Dhani Ram Chatrik, Amrita Shergill and Sobha Singh

**Course Title: Script Writing**

**Course Code: BAT504**

L	T	P	Cr.
0	0	4	2

**Total Hours: 30**

**Course Outcomes: On successful completion of this course, the students will be able to**

1. sikRptlyKxbwryjwxkwrhwlslkrngy[
2. iesiqhwrrcnwqypYrHwrcnwbwryjwxkwrdyxw[
3. pMjwblmwsmlfIAwdlsmkwllsiQqIAqyiesdyKyqrdlmh`qqwnUMsmJxg  
y[
4. rujgwrldyp`KoirjnwwqmkiLKqWilKxdyXoghoxgy[

**Course Content**

Bwg-a

7 hours

- mlfIAwlellyKx (ipRMTmlfIAwAqyidRSmlfIAw)
- sikRptlyKx: jwx-pCwx

Bwg-A

8 hours

- iPlmsikRptqyskrInplyAlyKx
- tYllivXnlelsikRptlyKx
- ryifaulelsikRptlyKx

Bwg-e

7 hours

- blwgqyproPwellyKx
- iPlmrlivaU

Bwg-s

8

hours

- pusqkrlivaU
- ieSiqhwrklwlyKx
- swhqklyKxAqyp`qrkwrillyKxdlv`Krqw

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion

ਪੁਸਤਕਸੂਚੀ:

1. ਅਜੀਤਸਿੰਘ, ਸੂਚਨਾਤਕਨਾਲੋਜੀ, ਮਦਾਨਪਬਲੀਕੇਸ਼ਨ, ਪਟਿਆਲਾ।
2. ਅਮਰਜੀਤਸਿੰਘਵੜੈਚ, ਇਹਅਕਾਸ਼ਵਾਣੀਏਂ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
3. ਅਮਰਜੀਤਸਿੰਘਵੜੈਚ, ਹੁਣਤੁਸੀਂ ਖਬਰਾਂਸੁਣੋ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
4. ਰਵੇਲਸਿੰਘ(ਡਾ.), ਮੀਡੀਆ: ਵਿਹਾਰਕਅਧਿਐਨ, ਗ੍ਰੇਸੀਅਸਬੁਕਸ, ਪਟਿਆਲਾ।
5. ਮੇਘਾਸਿੰਘ (ਡਾ.) ਪੰਜਾਬੀਪੱਤਰਕਾਰੀਦੇਸਮਾਜਿਕਸਰੋਕਾਰਅਤੇਸੀਮਾਵਾਂ, ਲੋਕਗੀਤਪ੍ਰਕਾਸ਼ਨ, ਚੰਡੀਗੜ੍ਹ।

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**Course Title: Basics of Research**

**Course Code: BAT505**

L	T	P	Cr.
3	0	0	3

**Total hours: 45**

**Course Outcomes: On successful completion of this course, the students will be able to:**

1. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਮਿਆਰੀ ਖੋਜ ਨਾਲ ਜੋੜਣ ਲਈ ਵਿਸ਼ਵ ਪੱਧਰ ਤੇ ਪ੍ਰਚੱਲਤ ਆਲੋਚਨਾ ਵਿਧੀਆਂ ਅਤੇ ਸਿਧਾਂਤਾਂ ਨੂੰ ਸਮਝਣ ਯੋਗ ਹੋਣਗੇ
2. ਪੰਜ ਡਬੀ ਸਡ ਹਿਤ ਦੀ ਓਢ ਪ੍ਰਮਾਖ ਡਰਡ ਵਢ ਓਤੇ ਪ੍ਰਵਿਰਤੀ ਓਢ ਬਡ ਰੇ ਓਡ ਲੋਚਨ ਡਤ ਮਕ ਸੂਝ ਪੈਦ ਡ ਹੋਏ ਗੀ
3. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਨੈਤਿਕਤਾ ਨਾਲ ਜੋੜ ਦੇ ਹੋਏ ਮੌਲਿਕ ਅਤੇ ਮਿਆਰੀ ਖੋਜ ਲਈ ਪ੍ਰੇਰਿਤ ਹੋਣਗੇ।
4. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੁਰਾਤਨ ਭਾਰਤੀ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤਾਂ ਨਾਲ ਜੋੜ ਕੇ ਆਲੋਚਨਾ ਦੇ ਇਤਿਹਾਸ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ

## Course Content

**ਭਾਗ-ਪਹਿਲਾ**

**8 ਹੋਰਸ**

ਖੋਜ: ਪ੍ਰਕਿਰਤੀ, ਪ੍ਰਕਾਰਜ, ਮਹੱਤਵ।

ਖੋਜ ਦੇ ਪ੍ਰਕਾਰ: ਸਿਧਾਂਤਕ, ਇਤਿਹਾਸਕ, ਭਾਸ਼ਾ-ਵਿਗਿਆਨਕ, ਤੁਲਨਾਤਮਕ, ਵਿਆਖਿਆਤਮਕ, ਪਾਠ-ਨਿਰਣਾਮੂਲਕ।

**ਭਾਗ-ਅ**

**7**

**ਹੋਰਸ**

ਖੋਜ-ਪ੍ਰਕਿਰਿਆ: ਖੋਜ ਵਿਸ਼ੇ ਦੀ ਚੋਣ, ਰੂਪ-ਰੇਖਾ ਦੀ ਤਿਆਰੀ, ਖੋਜ-ਸੰਦ, ਆਧਾਰ ਸਮੱਗਰੀ ਦਾ ਇੱਕਤਰੀਕਰਣ।

**ਭਾਗ-ਬ**

**10**

**ਹੋਰਸ**

ਖੇਤਰੀ ਖੋਜ ਦੇ ਸੰਦ ਅਤੇ ਪ੍ਰਕਿਰਿਆ, ਖੋਜ ਦੀ ਪੇਸ਼ਕਾਰੀ, ਸਟਾਈਲ-ਸ਼ੀਟ, ਹਵਾਲੇ, ਪੈਰ-ਟਿੱਪਣੀਆਂ, ਸਿੱਟੇ ਅਤੇ ਸੂਤਰੀਕਰਣ, ਪੁਸਤਕਾਵਲੀ, ਪਰਿਸ਼ਿਸ਼ਟ ਤੇਕ੍ਰਮ ਸੂਚੀ।

**ਭਾਗ-ਸ**

**10**

**ਹੋਰਸ**

ਖੇਤਰੀ ਖੋਜ ਦੇ ਸੰਦ ਅਤੇ ਪ੍ਰਕਿਰਿਆ, ਖੋਜ ਦੀ ਪੇਸ਼ਕਾਰੀ, ਸਟਾਈਲ-ਸ਼ੀਟ, ਹਵਾਲੇ, ਪੈਰ-ਟਿੱਪਣੀਆਂ, ਸਿੱਟੇ ਅਤੇ ਸੂਤਰੀਕਰਣ, ਪੁਸਤਕਾਵਲੀ, ਪਰਿਸ਼ਿਸ਼ਟ ਤੇਕ੍ਰਮ ਸੂਚੀ।

ਸੂਚਨਾਤਕ ਨਾਲੋਂ ਜੀ ਅਤੇ ਖੋਜਕਾਰ ਜ ਵਿਚ ਸੂਚਨਾਤਕ ਨਾਲੋਂ ਜੀ ਦੇ ਰੂਪ:

ਇੰਟਰਨੈੱਟ ਅਤੇ ਹੋਰ ਸੋਫਟ-ਸਰੋਤ

(ਸੀ.ਡੀ.

ਆਦਿ)। ਇੰਟਰਨੈੱਟ: ਇੱਕ ਖੋਜ ਸਰੋਤ ਵਜੋਂ, ਹਵਾਲੇ ਦੇਣ ਦੀ ਵਿਧੀ, ਇੰਟਰਨੈੱਟ ਉੱਤੇ ਖੋਜ ਸਰੋਤਾਂ ਦੀ ਪਰਮਾਣਿਕਤਾ।

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**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion.

ਪੁਸਤਕਸੂਚੀ

- ਪਿਆਰਸਿੰਘ (ਡਾ.) ਖੋਜ, ਸਿਧਾਂਤਤੇਵਿਹਾਰ, ਪਬਲੀਕੇਸ਼ਨਬਿਊਰੋ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2015
- ਹਰਿਭਜਨਸਿੰਘ, ਸਾਹਿਤਅਧਿਐਨ, ਗੁਰੂ ਨਾਨਕਦੇਵਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 2002
- ਹਰਿਭਜਨਸਿੰਘ, ਸਾਹਿਤਸ਼ਾਸਤਰ, ਗੁਰੂ ਨਾਨਕਦੇਵਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 2002
- ਹਰਿਭਜਨਸਿੰਘ, ਸਾਹਿਤਵਿਗਿਆਨ, ਗੁਰੂ ਨਾਨਕਦੇਵਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 2002
- ਸੰਤਸਿੰਘਸੇਖੋਂ, ਸਾਹਿਤਾਰਥ, ਲਹੌਰਬੁੱਕਸ਼ਾਪ, ਲੁਧਿਆਣਾ, 1957
- ਖੋਜ-ਪੱਤ੍ਰਿਕਾ (ਸਾਹਿਤਕਵਾਦਅੰਕ) ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

**Course Title: English literature**

**Course Code: BAT506**

L	T	P	Cr
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to:**

1. Critically analyze and evaluate British literature.
2. Show familiarity with major literary works by British writers of 19<sup>th</sup> century.
3. Exercise their ability to think clearly and cogently.
4. Construct an argument in writing, state facts clearly and cogently and recognise and use the formats of different forms of writing like letters and essays.

### Course Content

**UNIT-I**

**11 hours**

Murder in Cathedral: T. S. Eliot

**UNIT-II**

**12 hours**

The Subjugation of Women by J. S. Mill

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### UNIT-III

11 hours

Mayer of Casterbridge – Thomas Hardy

### UNIT-IV

11 hours

Vanity Fair: William Makepeace Thackeray

**Transaction Mode:** Brain Storming, Quiz, Group Discussion, Open Talk.

### Suggested Readings

- Abrams, M.H. *A Glossary of Literacy Terms*, Cengage Learning India, 2015.
- Mill, J.S. *The Subjugation of Women*. CreateSpace Independent Publishing Platform, 2017.
- Hardy, Thomas. *The Mayor of Casterbridge : the Life and Death of a Man of Character*. Penguin Books, 1997.
- *Twentieth Century Reader's Guide to Literacy Terms*, OUP, 1997.
- Baldick, Chris. *Oxford Concise Dictionary of Literary Terms*. Oxford University Press, 2004.

**Course Title:** ਚੋਣਵੀਂ ਪੰਜਾਬੀ

L	T	P	Cr.
3	0	0	3

**Course Code:** BAT507

**Total Hours: 45**

**Course Outcomes:** On successful completion of this course, the students will be able to:

1. ਰੇਖਾ ਚਿਤਰ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।
2. ਸਾਹਿਤ ਦੇ ਇਤਿਹਾਸ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।
3. ਪੰਜਾਬੀ ਸਾਹਿਤ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।
4. ਪੰਜਾਬੀ ਅੰਲਕਾਰ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।

### Course Content

ਭਾਗ-ੳ

10 ਹੋਰਸ

1. ਰੇਖਾ ਚਿਤਰ ਅਰਥ, ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਸੰਕਲਪ

ਭਾਗ-ਅ

15 ਹੋਰਸ

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2. ਹੁਸੀਨਚਿਹਰੇ (ਰੇਖਾਚਿੱਤਰ) ਬਲਵੰਤਗਾਰਗੀ।

ਭਾਗ-ੲ

10 ਹੋਰਸ

3. ਪੰਜਾਬੀਸਾਹਿਤਦਾਇਤਿਹਾਸ (1947 ਤੋਂ 2000 ਤੱਕ)

ਭਾਗ-ਸ

10 ਹੋਰਸ

4. ਸਾਹਿਤਪਰਿਭਾਸ਼ਾਅਤੇਤੱਤ, ਸਾਹਿਤਪ੍ਰਕਿਰਤੀਅਤੇਪ੍ਰਯੋਜਨ, ਸਾਹਿਤਤੇਸਮਾਜ, ਸਾਹਿਤਤੇਸ਼ਖਸੀਅਤ, ਸਾਹਿਤਤੇਮਨੋਵਿਗਿਆਨ।

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion

ਪੁਸਤਕ ਸੂਚੀ :

- ਜਗਬੀਰ ਸਿੰਘ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ(ਆਦਿ ਕਾਲ ਤੇ ਭਗਤੀ ਕਾਲ) ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
- ਪਰਮਿੰਦਰ ਸਿੰਘ, ਕਿਰਪਾਲ ਸਿੰਘ ਕਸੇਲ ਅਤੇ ਰੋਬਿੰਦ ਸਿੰਘ ਲਾਂਬਾ, ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ, ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ ਲੁਧਿਆਣਾ।
- ਸੰਤ ਸਿੰਘ ਸੇਖੋਂ, ਸਮੀਖਿਆ ਪ੍ਰਣਾਲੀਆਂ, ਪੰਜਾਬ ਸਟੇਟ ਟੈਕਸਟ ਬੁੱਕ ਬੋਰਡ, ਚੰਡੀਗੜ੍ਹ।

**Course Title:** ਹਿੰਦੀ ਸਾਹਿਤ ਏਵੰ ਸੰਸਕ੍ਰਿਤਿ

**Course Code:** BAT508

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. ਢਾਤ੍ਰੋਂ ਕੋ ਹਿੰਦੀ ਸਾਹਿਤ ਕੇ ਭਕਿਤ ਕਾਲ ਕੇ ਤਦਯ ਏਵੰ ਪਰਿਸਥਿਤਿਯੋਂ ਕੀ ਜਾਨਕਾਰੀ ਹੋਗੀ
2. ਢਾਤ੍ਰੋਂ ਕੋ ਭਕਿਤ ਕਾਲ ਕੇ ਸੰਤ ਕਵਿਯੋਂ ਏਵੰ ਤਨਕੀ ਸਾਹਿਲਿਕ ਕ੍ਰਿਤਿਯੋਂ ਕੀ ਜਾਨਕਾਰੀ ਹੋਗੀ
3. ਢਾਤ੍ਰੋਂ ਕੋ ਹਿੰਦੀ ਸਾਹਿਤ ਕੇ ਆਧੁਨਿਕ ਕਾਲ ਕੇ ਤਦਯ ਏਵੰ ਪਰਿਸਥਿਤਿਯੋਂ ਕੀ ਜਾਨਕਾਰੀ ਹੋਗੀ
4. ਢਾਤ੍ਰੋਂ ਢਾਯਾਵਾਦੀ, ਪ੍ਰਕ੍ਰਿਤਿਵਾਦੀ ਏਵੰ ਪ੍ਰਯੋਗਵਾਦੀ ਕਵਿਤਾ ਕੀ ਜਾਨਕਾਰੀ ਹੋਗੀ

### Course Content

Hkkx& d

12 hours

ਕਵਿਤਾਲੋਕ : ਸੰ0 ਡਾਂ0 ਖਿਕੁਮਾਰ ਖਮਾ, ਪਬਲਿਕੇਸ਼ਨਭ੍ਰੂਯੋ, ਚਠੁਣੀਗਢੁ ਢੁਆਪ੍ਰਕਾਸ਼ਿਤ  
ਕਬੀਰ, ਰੈਦਾਸ, ਗੁਰੂ ਨਾਨਕਦੇਵ, ਸੂਰਦਾਸ, ਮੀਰਾਬਾਓ

ਭਾਗ- ਖ

11 ਪੈਕਨਤੇ

Hkkx& x

10 hours

प्रतिनिधि कहानियां : जयशंकरप्रसाद (प्रथम पांचकहानियां) राजकमलप्रकाशन, दिल्ली

Hkkx& ?k

12

hours

हिन्दीसाहित्य का भक्तिकाल : हिन्दीसाहित्य में भक्ति का उदय परिस्थितियां, सन्तकाव्य, प्रमुख कवि:—नामदेव,

दादुदयाल, सुन्दरदास

हिन्दीसाहित्य का आधुनिककाल : कविता

भारतेन्दू हिन्दीकविता की प्रवृत्तियां

द्विवेदीयुगीन हिन्दीकविता की प्रवृत्तियां

छायावाद

प्रगतिवाद

प्रयोगवाद

### Transaction Mode

Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

### lgk;diqLrdsa%

- गुप्त (डॉ.), गणपति चंद्र 'हिंदी साहित्य का वैज्ञानिक इतिहास' (दो खंड), लोकभारती प्रकाशन, इलाहाबाद, पंचम संस्करण, 1999
- सिंह, डॉ. नामवर, कविता के नये प्रतिमान, राजकमल प्रकाशन, 2009
- नगेंद्र (डॉ.)( सं), हिंदी साहित्य का इतिहास, मयूर पेपरबैक्स, नोएडा, चौबीसवां संस्करण, 1997
- कुमार, डॉ. प्रेम, कविता का वैचारिक परिप्रेक्ष्य, कलमकार पब्लिकेशन्स, दिल्ली, 2022
- शुक्ल रामचंद्र, हिंदी साहित्य का इतिहास, नागरी प्रचारिणी सभा, वाराणसी, छत्तीसवाँ संस्करण, 2008
- चतुर्वेदी रामस्वरूप, हिंदी साहित्य और संवेदना का विकास, लोकभारती प्रकाशन, इलाहाबाद, नवम संस्करण, 1998

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- मंगल, लालचंद गुप्त हिंदी साहित्य का इतिहास, यूनिवर्सिटी बुक सेंटर, कुरुक्षेत्र, द्वितीय संस्करण, 1999

**Course Title: Statistics**

**Course Code: BAT509**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Evaluate the relationship between different variables by using correlation and regression method.
2. Calculate the average value by using mean, median, mode.
3. Measure the Mean Deviation, Quartile Deviation, and Standard Deviation.
4. Develop the computational skill of Estimating the time series and trend analysis.

### Course Content

#### UNIT-I

**12 hours**

**Introduction to Statistics and scope:** Introduction: Definition and scope of Statistics concepts of statistical population and sample. Scales of measurement - nominal, ordinal, interval and ratio. Variables and attributes, Diagrammatical Representation of Data, Summarization of Data: Frequency Distribution and Graphical Presentation.

#### UNIT-II

**11 hours**

**Central Tendency:** Measures of Central Tendency: mathematical and positional. Measures of Dispersion: range, quartile deviation, mean deviation, standard deviation, coefficient of variation, moments, measures of Skewness and kurtosis.

#### UNIT-III

**12 hours**

**Bivariate Data Analysis: Regression and Correlation Methods:** Bivariate data: Definition, scatter diagram, simple correlation, rank correlation. Trivariate Data:

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Partial and Multiple Correlation Coefficients. Fitting of Simple linear and quadratic regression lines using principle of least squares.

**UNIT-IV**

**10 hours**

**Theory of Attributes: Association of Attributes:** Theory of attributes and consistency of data, independence and association of attributes. Measures of association and contingency for 2 x 2 and r x s contingency tables.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

**Suggested Readings**

- Sanchati, D.C. and Kapoor, V.K. (1993). *Business Mathematics*, New Delhi, Sultan Chand & Sons.
- Gupta, S.C. (2011). *Fundamentals of Statistics*, Bombay, Himalaya Publishing House.
- Aggarwal, D R (2005). *Quantitative Methods*, Vrinda Publications, New Delhi.
- Pillai, R. S. & Bagavathi, N (2010). *Statistics Theory and Practice*, Seventh Revised Edition, S. Chand & Company Ltd., New Delhi.

**Course Title: Foundation of Social Thought**

L	T	P	Cr.
3	0	0	3

**Course Code: BAT510**

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Comprehend the process of socialization, its agencies and major theories.
2. Familiarize with the theories of social evolution.
3. Elucidate the concept, nature and dimensions of personality
4. Define the perspectives of Emile Durkheim and Mahatma Gandhi.

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### Course Content

#### UNIT-I

12 hours

**Positivism:** Comte's Law of three stages, Social Static & Dynamics, Evolutionism- Spencer's Evolutionary Approach, Conflict: Marx's concept of Dialectical Historical Materialism, Class & Class Conflict, Coser's Approach to Social Conflict, Personality: Meaning, Nature, Biological, Social and Cultural Factors in Personality Development

#### UNIT-II

11 hours

**Emile Durkheim:** Social Facts, Sociology of Religion, Division of Labor, Organic and Mechanical Solidarity, Types of Suicide, Karl Marx: Dialectical Materialism, Theory of Class Struggle, Alienation, Max Weber: Ideal Type, Verstehen, Bureaucracy

#### UNIT-III

12 hours

**Radhakamal Mukherjee:** Personality, Society, Values; Civilization, D. P. Mukerji: Tradition and Modernity; Middle Class

#### UNIT-IV

10 hours

**Mahatma Gandhi:** Non-violence; Satyagraha, Swaraj, Sarvodaya, B. R. Ambedkar: Social Reconstruction; Caste and Its Critique

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration.

#### Suggested Readings

- Abraham, F and Morgan J.H. 1985. *Sociological Thought*. Delhi: MacMillan India.
- Haralambos, M.1998. *Sociology: Themes and Perspectives*. New Delhi: Oxford University Press.
- Jammu, P.S. and Bhatnagar, G.S. (eds). 1989. *SamajVigyanikSidhant* (SamajikVigyanPattar No. 26, 27, 28). Punjabi University, Patiala.
- Abraham, Francis. 1982. *Modern Sociological Theory*. Delhi: Oxford University Press.
- Aron, R. 1965. *Main Currents in Sociological Thought*, Vol- (1 & 2) London: Penguin Books.
- Gandhi, M.K. 1946. *Hind Swaraj or Indian Home Rule*.Ahmedabad: Navajivan.

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- Timasheff, N.S. and Theodorson, G. 1976. *Sociology Theory*, New York: Random House.
- Mann, Michael(ed) 1994. *Macmillan Student Encyclopedia of Sociology*. London: Macmillan Press.
- Zeitlin, I.M. 1969. *Ideology and the Development of Sociological Theory*. New Delhi: Prentice Hal

**Course Title: Political Science-V**

**Course Code: BAT511**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Explain the historical events that took place at the international level
2. Discuss the Role of United Nations Organization in contemporary international system.
3. Categorize International Relations Approaches.
4. Identify the key international actors which shaped the international political system.

### **Course Content**

#### **UNIT-I**

**9 hours**

1. International Politics: Meaning, Nature and Scope
2. International Politics Approaches: Realist, Idealist and Difference between both.

#### **UNIT-II**

**12 hours**

3. National Power: Meaning, Elements, kinds and methods.
4. System of Balance of Power.
5. Collective Security.

#### **UNIT-III**

**11 hours**

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6. Cold War in International Politics.

7. Uni-Polar, Bi -Polar and Multi-Polar System.

### UNIT-IV

**13 hours**

8. Nature of Emerging World Order.

9. United Nations: Aims, Objectives and Principles.

10. Globalization: Meaning, Feature and its Importance.

**Transaction Mode:** Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

### Suggested Readings

- Waltz Kenneth & Neal. Man.(2001).The state, and war: A theoretical analysis. Columbia University Press.
- Mearsheimer, John J. (2001.) The tragedy of great power politics. WW Norton & Company.
- Rosecrance, Richard.(1996).The Clash of Civilizations and the Remaking of World Order. By Samuel P. Huntington. New York: Simon and Schuster.
- Waltz, Kenneth N.(2010).Theory of international politics. Waveland Press.
- Kissinger, Henry.(1994).Diplomacy. Simon and Schuster.
- Slaughter, Anne-Marie.(2009).A new world order. Princeton University Press.
- NCERT text book, <http://ncert.nic.in/textbook/pdf/leps101.pdf>
- Andre Gunder Frank.(1977).Dependence is Dead, Long Live Dependence and the Class Struggle : An Answer to Critics, World Development.
- Barry Buzan and Ole Weaver(2003).Regions and Powers: The Structure of International Security, Cambridge, Cambridge University Press.
- Dhirenda Dwivedi.(2005).Collective Security under United Nations, New Delhi: Kanishka.
- Francis Fukuyama .(1992).The End of History and the Last Man, New York: Avon, G.K. Cahdha (ed.), WTO and the Indian Economy, New Delhi.
- 5. Hedley Bull.(1995).The Anarchial Society: A Study of Order in World Politics, 2nd edn., London : Macmillan.
- James Lee Ray & Juliet Kaarbo .(2005).Global Politics, Boston: Houghton Mifflin Company .
- John Baylis and Steve Smith .(2001).The Globalization of World Politics: An Introduction to International Relation, Oxford University Press.
- Ghai U. R.Indian. (2009).Political System, New Delhi.
- Burton, John (1990).Conflict: Resolution and Prevention (London: Macmillan.

**Course Title: History of World**

**Course Code: BAT512**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Provide information of Renaissance of Europe.
2. Provide information regarding background of Political revolutions.
3. Develop understanding the causes & effects of Social reforms.
4. Understand the rise of Napoleon and how Metternich dominated the European politics.

### **Course Content**

#### **UNIT-I**

**12 hours**

**Rise of Modern Age:** Renaissance and Reformation.  
**French Revolution of 1789:** its causes and effects,  
**Napoleon;** His reforms, causes of his downfall.

#### **UNIT-II**

**11 hours**

Congress of Vienna  
 Nationalism  
 Crimean War: Causes and effects.

#### **UNIT-III**

**12 hours**

**Industrial Revolution** -Industrial Revolutionand its effects.  
**The Russian Revolution of 1917**-causes and significance.  
 Causes of the First World War and Second World War.

#### **UNIT-IV**

**10 hours**

**Chinese Revolution of 1949:** its causes and effects.  
**Maps:**a)Vienna Congress. b) Unification of Italy c) Europe in 1945.

**Transaction Mode:** Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

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### Suggested Readings

- Hazen, C.D. : Modern Europe upto 1945 (English), PP. 39-261, 301-390, 448-591, 639-708.
- Ketelbey, C.D.M., A History of Modern Times (English), PP. 227-342, 385-408,
- Carr, E.H., International Relations between the Two World Wars, 1919-1939.
- Ergang, Robert, Europe in our Times, PP. 3-24, 87-194, 227-288, 313-349, 465-498.
- Fay, S.B. The Origins of the World War.

**Course Title: The Sikh Scripture, Thoughts and Institutions**

L	T	P	Cr.
3	0	0	3

**Course Code: BAT513**

**Total Hours: 45**

**Course Outcomes: On successful completion of this course, the students will be able to**

- 1 Learn that the Sikh scripture opens with Onkar, its Mul Mantar and fundamental prayer about One Supreme Being (God).
- 2 Understand that Sikhism emphasizes simran (meditation on the words of the Guru Granth Sahib), that can be expressed musically through kirtan or internally through Nam Japo (repeat God's name) as a means to feel God's presence.
- 3 Understand that Sikhism teaches followers to transform the "Five Thieves" (lust, rage, greed, attachment, and ego).
- 4 Know that in Sikhism secular life is considered to be intertwined with the spiritual life.

### Course Content

**UNIT-I**

**12 hours**

ਸਿੱਖ ਧਰਮ ਦੇ ਮੁੱਢਲੇ ਸ਼੍ਰੋਤ

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1. ਸ੍ਰੀਗੁਰੂਗ੍ਰੰਥਸਾਹਿਬ: ਸੰਪਾਦਨਅਤੇਵਿਚਾਰਧਾਰਾ
2. ਦਸਮਗ੍ਰੰਥ: ਮੁੱਢਲੀਜਾਣ-ਪਛਾਣ
3. ਵਾਰਾਂਭਾਈਗੁਰਦਾਸਜੀ :ਸਿੱਖਪੰਥਦਾਸਰੂਪ ,ਵਿਚਾਰਧਾਰਾ

**UNIT-II**

**11 hours**

**ਪ੍ਰਮੁੱਖਬਾਣੀਆਂ**

4. ਜਪੁ: ਵਿਸ਼ਾ-ਵਸਤੂ
5. ਸੁਖਮਨੀ: ਵਿਚਾਰਧਾਰਾ
6. *bwrhmwhmwJ: pRikrqlicqrnAqymnu`KljlwndwaudyS*

**UNIT-III**

**12 hours**

**ਪ੍ਰਮੁੱਖ ਸਿਧਾਂਤ**

7. ਅਕਾਲਪੁਰਖ
8. ਸ਼ਿਸ਼ੂਟੀ ਰਚਨਾ
9. ਸ਼ਹਾਦਤ

**UNIT-IV**

**10 hours**

10. *lMgr/pMgq, sMgq*
11. *Drmsw/AqygurduAwrw*
12. *guirAwelsMsQw*

**ਟ੍ਰਾਂਜੈਕਸ਼ਨ ਮੋਡ:** ਲੈਕਚਰ, ਸਮੱਸਿਆ ਹੱਲ, ਮਿਸ਼ਰਤ ਸਿਖਲਾਈ, ਚਰਚਾ ਅਤੇ ਪ੍ਰਦਰਸ਼ਨ, ਅਤੇ ਕੇਸ ਅਧਿਐਨ।

**ਸਹਾਇਕਪੁਸਤਕਾਂ:**

1. ਸ੍ਰੀਗੁਰੂਗ੍ਰੰਥਸਾਹਿਬਵਿਲੱਖਣਤੱਤ, ਡਾ. ਵਜੀਰਸਿੰਘ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
2. ਆਸਾਦੀਵਾਰਦਾਟੀਕਾ, ਸੰਪਾਦਕਡਾ. ਰਤਨਸਿੰਘਜੱਗੀ, ਆਰਸੀਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ।
3. ਸੁਖਮਨੀਸਾਹਿਬਦਾਦਾਰਸ਼ਨਿਕਆਧਾਰ, ਡਾ. ਜੋਗਿੰਦਰਸਿੰਘ।

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4. ਗੁਰਮਤਿਵਿਚਾਰਧਾਰਾ, ਪ੍ਰੀਤਮਸਿੰਘ, ਸ਼ਘਫਛ, ਸ਼੍ਰੀਅੰਮ੍ਰਿਤਸਰਸਾਹਿਬ।
5. ਬਾਰਹਮਾਹਾਸਟੀਕ, ਸ਼ਘਫਛ, ਸ਼੍ਰੀਅੰਮ੍ਰਿਤਸਰਸਾਹਿਬ।

**Course Title: Math 5<sup>th</sup> (Real Analysis)**

**Course Code: BAT514**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On completion of this course, the successful students will be able to:**

1. Recognize bounded, convergent, divergent, Cauchy and monotonic sequences and to calculate their limit superior, limit inferior, and the limit of a bounded sequence.
2. Apply the ratio, root, alternating series and limit comparison tests for convergence and absolute convergence, comparison test, Cauchy's root Test, ratio Test, Rabbe's of an infinite series of real numbers.
3. Equipped with the knowledge of improper integrals, and their convergences, convergence and uniform convergence of sequences and series of functions for further applications in therelevant fields.
4. Utilize the analytic and technical skills necessarily at practical field and analyse the real analysis for further higher studies.

### **Course Content**

#### **UNIT-I**

**12 hours**

Continuity and Differentiability of functions: Continuity of functions, Uniform continuity, Differentiability, Taylor's theorem with various forms of remainders. Integration: Riemann integral-definition and properties, inerrability of continuous and monotonic functions, Fundamental theorem of integral calculus, Mean value theorems of integral calculus.

#### **UNIT-II**

**12 hours**

Sequence and Series: Sequences, theorems on limit of sequences, Cauchy's convergence criterion, infinite series, series of non-negativeterms, Absolute convergence, tests for convergence, comparison test, Cauchy's root Test, ratio Test, Rabbe's, Logarithmic

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test, De Morgan's Test, Alternating series, Leibnitz's theorem.

**UNIT-III**

**11 hours**

Improper Integrals: Improper integrals and their convergence, Comparison test, Dritchlet's test, Absolute and uniform convergence, Weierstrass M-Test, Infinite integral depending on a parameter.

**UNIT-IV**

**10 hours**

Uniform Convergence: Point wise convergence, Uniform convergence, Test of uniform convergence, Weierstrass M-Test, Abel's and Dritchlet's test, Convergence and uniform convergence of sequences and series of functions.

**Transaction Mode-** Video Based Teaching, Collaborative teaching, Group Discussion, ted talks, E team Teaching, Quiz.

**Suggested Readings**

- Walter Rudin, (1976), *Principle of Mathematical Analysis* (3rd edition) McGraw-Hill Kogakusha, International Student Edition.
- Bartle, Robert G., & Sherbert, Donald R. (2015). *Introduction to Real Analysis* (4th ed.). Wiley India Edition. New Delhi.
- T. M. Apostol, (1985), *Mathematical Analysis*, Narosa Publishing House, New Delhi.
- S. C. Malik and Savita Arora, (2012), *Mathematical Analysis*, New Age International Pvt. (Ltd).
- Bilodeau, Gerald G., Thie, Paul R., & Keough, G. E. (2010). *An Introduction to Analysis* (2nd ed.). Jones and Bartlett India Pvt. Ltd. Student Edition. Reprinted 2015.
- Denlinger, Charles G. (2011). *Elements of Real Analysis*. Jones and Bartlett India Pvt. Ltd. Student Edition. Reprinted 2015.
- Suggested digital platform: NPTEL/SWAYAM/MOOCs

**Course Title: Physical Education**

**Course Code: BAT515**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>2</b>	<b>0</b>	<b>2</b>	<b>3</b>

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. know about the effects of muscular, respiratory and circulatory systems
2. Understand the balanced diet
3. Aim and principles of sports training
4. Importance of physical fitness

**Course Content**

**THEORY**

**UNIT-I**

**12 hours**

**Massage:-**Classification and their effect, Effect of Exercise on muscular respiratory and circulatory systems.

**Balance Diet:** -Component sources and function of each component.

**Doping:** - Meaning, types, bad effects and control.

**UNIT-II**

**10 hours**

**Sports Training:** - Meaning, aim, objective, principles of training.

**Sports coaching:** - Meaning, aim, objective, principles of coaching.

**Load:** - Meaning, principals, types and methods of loading.

**UNIT-III**

**13 hours**

**Training method:** - Circuit, Interval, Fartlek, Weight Training and Cross Country.

**Components of Physical Fitness:-** Speed, strength, endurance, agility, and flexibility.

**Conditioning:** - Main principles and methods of general and specific conditioning.

**UNIT-IV**

**10 hours**

**Motion:** Meaning, types and laws.

**Lever System:** Meaning, types and law.

**Force:** Meaning, types and centre of gravity.

**PRACTICAL**

Stipple Chase	8M
Throwing Event	8M (Any One Event)
Jumping Event	8M (Any One Event)
Taekwondo Hockey, Softball	16M (Any One Game)

**Suggested Readings**

- Kang G. S. Deol N. S. – An introduction to Health and Physical Education 21<sup>st</sup> century Patiala 2008.
- Desch and Burk: kinesiology and applied anatomy. 2<sup>nd</sup> ed. Lee and febiger, 1963.
- Wells: Kinesiology, 4<sup>th</sup> edition W.B.Saunders, 1966.
- Mathews D. K. & E.L. Fox: the physiological basis of Physical Education and Sports, 2<sup>nd</sup> ed, Philadelphia. K. B. Saunders & Co. 1984
- Shaver L. J. Essentials of Exercise Physiology Kamla Nagar Surjeet, 1995
- Dick, Frank : Sports Training Principles. London Lepus Book, 1980

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- Jensen Fisher: Scientific Basis of Athletic Conditioning Philadelphia, Lee and Febiger, 1975.
- L. Matveyer : Fundamentals of sports Training-1981
- Ajmer Singh and Jagtar Singh Gill: Essentials of Physical education and Olympic movement Kalyani Publishers, Ludhiana.2004.

**Course Title: Drafting Pattern Making & Garment Lab**

**Course Code: BAT516**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Understand the drafting of men's and women's professional garments by using different methods.
2. Learn about the materials and techniques used to construct professional dresses of men and women.
3. Learn about Construct men's and women's shirt, trouser and waist coat.
4. Gain and enhance Skills in Garment Construction.

### Course Content

<b>UNIT-I</b> Drafting of:  Shirt of Men's/Woman's  Trouser of Men's/Woman's	<b>12hours</b>
<b>UNIT-II</b> Waist coat  Punjabi Dress	<b>9 hours</b>
<b>UNIT-III</b> Garment Construction:  Shirt of Men's/Woman's Trouser of Men's/Woman's	<b>13 hours</b>
<b>UNIT-IV</b> Waist coat  Punjabi Dress	<b>11 hours</b>

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**Transaction Mode:** Group Discussions, Questions, Project Based Learning, Video Based Teaching

### Suggested Readings

- Mullick, Lata Prem, 2010 *Garment Construction Skills*, Kalyani Publishers, New Delhi
- Hilde Jaffe and Nurie Relis, 2011 *Draping for Fashion Design*, Prentice Hall Crawford
- Amaden, *The Art of Fashion Draping*, Fairchild Publishers
- Carr Harold & Latham Barbara, 2008 *The Technology of Clothing Manufacture*, Oxford

**Course Title: Resource Management and Interior Decoration**

**Course Code: BAT517**

L	T	P	Cr.
2	0	2	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Enable to manage of different resources for livelihood
2. Gain the knowledge to simplification of different work inappropriate time and elements of art
3. Develop an ability to design arrangements in their house
4. Development of the skills for management, finance, recourses management

### Course Content

#### THEORY

#### UNIT-I

**12 hours**

Resource Management - Definition, importance and steps in the process of Management, Family Resources - Definition, classification and management of resources

Money management- Meaning, types of income, process of money management, budgeting, keeping records.

#### UNIT-II

**10 hours**

Energy management: - Process of energy management, fatigue, rest periods.

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Time management – Process of time management, peak loads.

### UNIT-III

**13 hours**

Work simplification - Meaning and methods. Kitchen & Types of kitchen

Elements and Principles of art. Colour - Characteristics and different schemes, Psychological effects of colours

### UNIT-IV

**10 hours**

Flower arrangement

Housing a) Selection of House site b) Factors to be considered while designing a house Orientation, Privacy, Grouping of User's Area, Roominess Circulation, Sanitation, Light & Ventilation, Aesthetes, Flexibility, Cost.

### PRACTICAL

1. Study of colour wheel, use of colours in different rooms.
2. Flower arrangement for different occasions - Fresh & Dry
3. Making Rangolies
4. Pot making – by painting and by decoration
5. Table manners & Table setting including napkin folding.
6. Preparation of one menu card,
7. Drawing of layout plans for different rooms
8. One decorative/utility article from waste material.

### Suggested Readings

- Management for Indian Families : Gross & Crandall
- Management in family living : Nickell& Dorsey
- Home Furnishing : A.H. Rutt 4- Home with characters : Graig& Rush
- Home Management families : M.K. Manu
- Ruth E. Deacon. Francille M. Firebaugh (1975): Family Resource
- Management – Principle and Application Roy Houghton Mifflin Company
- Irma H. Gross Elizabeth GrandallMarjoris M. Knoll (1973): New Jersey
- DevdasRajamal. P. The meaning of Home Science, Sri Avinashlingam
- Home Science College, Cambatore.
- P. Kalpana R. "What is Home Science," Evira Publications, Vadodra.
- L. Matveyer : Fundamentals of sports Training-1981
- Ajmer Singh and Jagtar Singh Gill: Essentail of Physical education and Olympic movement Kalyani Publishers, Ludhiana.2004.

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**Course Title: Music**

**Course Code: BAT518**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>2</b>	<b>0</b>	<b>2</b>	<b>3</b>

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. Learn about the music in the Vedic period, the Ramayana and the Mahabharat.
2. Studies the works on Indian music by medieval.
3. Elementary knowledge of Raga-Raag vargikaran.
4. Studies about the theoretical aspects raags.

**Course Content**

**UNIT-I**

**8 hours**

1. Explain the following Upaj, Mukhda, bol-Alap, khatka, meend, bol-bant, Ghamak,.
2. Knowledge of written talas in single and double.
3. Elementary knowledge of Raga-Raag vargikaran.

**UNIT-II**

**6 hours**

1. Gharana, its importance & contribution towards khayal gayan.
2. Knowledge of Alap, Taan and its various forms

**UNIT-III**

**18 hours**

1. Detailed study of taanpura and sahayaknaad
2. Detailed knowledge of dhrupad and dhamar styles of singing.
3. Discription of raags and taalsprescribrd in the course  
a) Kedar    b) Bhimplasi    c) Bihag

**UNIT-IV**

**13 hours**

1. Detailed description and notation of the prescribed Ragas (Khayal) and Talas given below:

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Ragas: Bilawal, Kalyan

Talas: Dadra, Kehrwa, Teental

2. Elementary knowledge of the following pages:

AlhaiyaBilawal, Shudh kalia

**Transaction Mode:** Lecture, Problem Solving, Discussion, Demonstration

### Suggested Readings

- Dr.Davinder Kaur: (1 january 2017) *SangeetRoop*(Part-I)
- Dr. Premlata Sharma: (1 january) *Sangeet Manual*
- Dr. Yaspal Sharma: (1998) *Gayan Kalan*
- Dr.SumanLata: *Hindustani ShastrisangeetSidhantavamVyavhar*

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**Semester-VI**

**Course Title: English**

**Course Code: BAT642**

L	T	P	Cr
4	0	0	4

**Total Hours: 60**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. to explore the complexities of human relationships, the journey of self-discovery, and the transformative power of faith
2. To Explore about the different genres of poetry in different Era
3. Internalize the grammar and appropriate vocabulary of English language.
4. Inculcate writing skill to apply at diverse levels of composition.

**Course Content**

**Unit 1**

**15 Hours**

1. The Guide a novel written by R.K. Narayan.

**Unit II**

**20 Hours**

2. Selected College Poems (Orient Longman). Edited by Ambika Sengupta- The following poems from this book are prescribed:
  - j) A Prayer for My Daughter
  - k) The Kingfisher
  - l) The Road not Taken
  - m) Journey of the Magi
  - n) The Unknown Citizen
  - o) Night of the Scorpion
  - p) Punishment in Kindergarten.

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**Unit III**

**15 Hours**

3. a) Letter Writing
- b) Report Writing

**Unit IV**

**10 Hours**

4. Development of a Story, notice and poster from a given outline of 3-4 lines (Guided Composition).

**References Books:**

Best, Wilfred D. *The Student's Companion*, The Pearson Education, 1983.  
Eastwood, John. *Oxford Practice Grammar*, OUP, 2004.  
Nayanan. R.K *The Guide*, Viking Press (US) Methuen (UK), 1958.  
Singh, Vandana. *The Written Word* Oxford University Press, New Delhi, 2003.

Course Title : Punjabi

L	T	P	Cr.
4	0	0	4

Course Code:BAT643

Total Hours: 60

ਪੰਜਾਬੀ ਕਵਿਤਾ ਤੇ ਵਾਰਤਕ

Learning outcomes :

ਇਸ ਕੋਰਸ ਨੂੰ ਪੂਰਾ ਕਰਨ ਉਪਰੰਤ ਵਿਦਿਆਰਥੀ:

- ਆਧੁਨਿਕ ਕਵਿਤਾ ਨੂੰ ਸਮਝਣ ਦੇ ਸਮਰਥ ਹੋਣਗੇ।
- ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ।
- ਸਵੈ-ਜੀਵਨੀ ਨੂੰ ਸਮਝਣ ਦੇ ਕਾਬਿਲ ਹੋਣਗੇ
- ਮੱਧਕਾਲੀ ਵਾਰਤਕ ਦੇ ਰੂਪਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ

Course Content

ਭਾਗ- ਓ

15 hours

ਦੋਂ ਰੰਗ (ਕਵਿਤਾ ਭਾਗ) (ਸੰਪਦਾਕ ਹਰਜਿੰਦਰ ਸਿੰਘ ਢਿੱਲੋਂ ਅਤੇ ਪ੍ਰੀਤਮ ਸਿੰਘ ਸਰਗੋਧੀਆਂ), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ ਅੰਮ੍ਰਿਤਸਰ।(ਲੇਖਕ ਦਾ ਜੀਵਨ ਤੇ ਰਚਨਾ, ਪ੍ਰਸੰਗ ਸਾਹਿਤ ਵਿਆਖਿਆ, ਕਵਿਤਾ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ)

ਭਾਗ-ਅ

15 hours

ਭਾਸ਼ਾ ਵੰਨਗੀਆਂ:ਭਾਸ਼ਾ ਦਾ ਟਕਸਾਲੀ ਰੂਪ, ਭਾਸ਼ਾ ਅਤੇ ਉਪ ਭਾਸ਼ਾ ਵਿੱਚ ਅੰਤਰ, ਪੰਜਾਬੀ ਉਪਭਾਸ਼ਾਵਾਂ ਦੇ ਪਛਾਣ ਚਿੰਨ੍ਹ ਪੰਜਾਬੀ ਭਾਸ਼ਾ:ਨਿਕਾਸਅਤੇ ਵਿਕਾਸ

ਭਾਗ-ੳ

15 hours

ਨੰਗੇ ਪੈਰਾਂ ਦਾ ਸਫਰ (ਸਵੈ-ਜੀਵਨੀ) ਡਾ. ਦਲੀਪ ਕੌਰ ਟਿਵਾਣਾ

ਭਾਗ-ਸ

15 hours

ਸਾਹਿਤ:ਅਰਥ, ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਸਾਹਿਤ ਦੇ ਤੱਤ ਮੱਧਕਾਲੀ

ਸਾਹਿਤ ਦੇ ਰੂਪ (ਵਾਰਤਕ) : ਜਨਮ ਸਾਖੀ, ਸਾਖੀ ਪਰਚੀ, ਗੋਸ਼ਟਿ, ਹੁਕਮਨਾਮਾ।

### ਪੁਸਤਕ ਸੂਚੀ

•ਰਾਜਿੰਦਰਪਾਲ ਬਰਾੜ, ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦਾ ਇਤਿਹਾਸ, ਪੰਜਾਬੀ ਅਕਾਦਮੀ ਦਿੱਲੀ।

•ਬੂਟਾ ਸਿੰਘ ਬਰਾੜ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਸਰੋਤ ਤੇ ਸਰੂਪ, ਵਾਰਿਸ਼ ਸ਼ਾਹ ਫਾਊਂਡੇਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ

•ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾਂ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ

•ਜਸਵਿੰਦਰ ਸਿੰਘ, ਨਵੀਂ ਪੰਜਾਬੀ ਕਵਿਤਾ ਪਛਾਣ ਚਿੰਨ੍ਹ, ਚੇਤਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ

•ਅਮਰਜੀਤ ਸਿੰਘ ਕਾਂਗ ਅਤੇ ਤੇਜਵੰਤ ਮਾਨ, ਵਾਰਤਕੀ ਮੱਧਕਾਲੀ ਅਤੇ ਆਧੁਨਿਕ ਪੰਜਾਬੀ

ਵਾਰਤਕ ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਿਸਟੀ, ਪਟਿਆਲਾ।

•ਡਾ. ਪ੍ਰੇਮਪ੍ਰਕਾਸ਼ਸਿੰਘ, ਸਿਧਾਂਤਕਭਾਸ਼ਾ - ਵਿਗਿਆਨ, ਪਬਲੀਕੇਸ਼ਨਮਦਾਨ, ਪਟਿਆਲਾ।

ਰਤਨਸਿੰਘਜੱਗੀ,ਸਾਹਿਤਦੇਰੂਪ,ਪੰਜਾਬੀਯੂਨੀਵਰਿਸਟੀ,ਪਟਿਆਲਾ

### Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group

Discussion, Self-Learning, Collaborative Learning.

# GURU KASHI UNIVERSITY

University College of Basic Sciences & Languages (Code:6)

## Semester-VI

### Punjab History & Culture (BAT644)

L	T	P	Cr.
4	0	0	4

Total Hours: 60  
15 Hours

#### Unit-I

1. Rise of Sikh Misals: Their nature and Administration.
2. Principal sources for the study of Maharaja Ranjit Singh's reign.

#### Unit-II

**15 Hours**

3. Political condition of the Punjab in late 18<sup>th</sup> Century.
4. Maharaja Ranjit Singh's rise to power with special reference to his relations with Misals.

#### Unit-III

**15 Hours**

5. Ranjit Singh: His Civil and Military Administration.
6. Relation with the British (1805-1839 AD).

#### Unit-IV

**15 Hours**

7. Society and economy of the Punjab under Ranjit Singh.
8. Development of Punjabi Language and Literature classical writing and famous legends of the Punjab.

**GURU KASHI UNIVERSITY**

University College of Basic Sciences & Languages (Code:6)

**Course Title: Script Writing**

**Course Code: BAT645**

L	T	P	Cr.
2	0	0	2

**Total Hours: 30**

**Course Outcomes: On successful completion of this course, the students will be able to**

1. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਾਰਤਕ ਸਾਹਿਤ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ ।
2. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਫ਼ਰਨਾਮੇ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿੰਦੇ ਹੋਏ ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ ।
3. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਰੇਖਾ ਚਿੱਤਰ ਲਿਖਣ ਸਬੰਧੀ ਰੁਚੀ ਪੈਦਾ ਕਰਨਾ ।
4. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਸਵੈਜੀਵਨੀ ਪ੍ਰਤੀ ਸੁਝ ਬੁਝ ਪੈਦਾ ਕਰਨਾ।

**Course Content**

**UNIT-I**

**Hours:8**

ਵਾਰਤਕ :ਪਰਿਭਾਸ਼ਾ, ਤੱਤ ਅਤੇ ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ

**UNIT-II**

**Hours:8**

ਸਫ਼ਰਨਾਮਾ : ਪਰਿਭਾਸ਼ਾ , ਤੱਤ ਅਤੇ ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ

**UNIT-III**

**Hours:8**

ਰੇਖਾ ਚਿੱਤਰ : ਤੱਤ ਤੇਨਿਕਾਸ ਤੇ ਵਿਕਾਸ

**UNIT-IV**

**Hours:6**

ਸਵੈ - ਜੀਵਨੀ : ਪਰਿਭਾਸ਼ਾ , ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ

**Transaction Mode:** Lecture, writings, Problem Solving, blended learning, Discussion

ਪੁਸਤਕਸੂਚੀ:

1. ਡਾ. ਬਲਬੀਰਸਿੰਘਦਿਲ, ਪੰਜਾਬੀਨਿਬੰਧ: ਸਰੂਪ, ਸਿਧਾਂਤਅਤੇਵਿਕਾਸ, ਪਬਲੀਕੇਸ਼ਨਬਿਊਰੋ, ਪੰਜਾਬੀਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
2. ਜੋਗਿੰਦਰਸਿੰਘ, ਪਿੰਗਲਅਤੇਆਰੂਜ਼, ਪੰਜਾਬੀਸਾਹਿਤਅਕਾਦਮੀ, ਲੁਧਿਆਣਾ।
3. ਗੁਰਮੇਲਸਿਧੂ, ਖੁਲੀਕਵਿਤਾਦੇਮਾਪਦੰਢ, ਚੇਤਨਾਪ੍ਰਕਾਸ਼ਨਲੁਧਿਆਣਾ।

**Course Title: Introduction to Human Rights and Duties (Value Added Course)**

**Course Code: BAT646**

L	T	P	Cr
2	0	0	2

**Total Hours 30**

### Course Learning Outcomes

On the completion of the course the students will be able to

1. To introduce the concept of human rights, their historical development, and their significance in contemporary society.
2. To explore the incorporation of human rights into Indian law and the role of Indian institutions in protecting human rights.
3. To explore the relationship between human rights and duties, with an emphasis on the balance between rights and responsibilities.
4. Apply the spirit of fundamental values and duties in everyday national life

### Course Content

#### Unit-I

**8hours**

Definition and Concept of Human Rights, Historical Evolution of Human Rights, Categories of Human Rights

#### Unit-II

**4hours**

Constitutional Provisions in India, National Human Rights Commission (NHRC)

#### Unit-III

**8hours**

Concept of Human Duties, Rights and Responsibilities of Citizens, Global Perspective on Duties

#### Unit-IV

**10hours**

Fundamental Duties Reflecting on the ancient Indian notions of Righteousness and duty consciousness, Fundamental Duties- Article 51A, Legal status of Fundamental Duties - Judicial approach

#### Transaction Mode

- Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

#### SUGGESTED READINGS

- *Banerjee, D. (2016). Social Movements and Political Change in India. Rowman & Littlefield.*

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- Chatterjee, P. (2017). *Nationalism and Its Discontents: The Indian Political Landscape*. Princeton University Press.
- Desai, A., & Mehta, P. (2012). *The Evolution of Indian Democracy*. Sage Publications.
- Kapoor, M., & Singh, R. (2018). *Power Dynamics: Understanding Indian Politics*. Oxford University Press.
- Kumar, A. (2013). *Governance and Public Policy in India*. Pearson.
- Patel, H., & Verma, S. (2020). *Electoral Politics: Insights into the Indian Election System*. Palgrave Macmillan.
- Rao, S. M. (2009). *Political Institutions in Contemporary India*. Cambridge University Press.
- Reddy, S. (2014). *Federalism in India: Challenges and Opportunities*. Routledge.
- Sen, A. (2015). *Democracy and Development in India*. HarperCollins.
- Sinha, R., & Malhotra, S. (2011). *Media and Politics in India: A Critical Overview*. Wiley.
- **Steiner, H. J., Alston, P., & Goodman, R.** (2008). *International human rights (3rd ed.)*. Oxford University Press.

**Semester-VI**

**Course Title: English Literature**

**Course Code: BAT647**

L	T	P	Cr
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. The aim of the course is to acquaint the students with the varieties of prose writings in English.
2. To explore the genre of creative writing through Non Fictional Prose.
3. To analyze and appreciating works that aim to inform, persuade, explain, or reflect on real-world subjects and experiences.
4. Analyze the structure, style, and tone of the prose to understand its effectiveness in achieving the author's goal.

**Course Content**

The aim of the course is to acquaint the students with the varieties of prose writings in English and to explore the genre of creative writing through NFP.

**Unit 1**

**10 Hours**

**Francis Bacon**

Of Studies

Of Ambition

Richard Steele

The Spectator Club

**Unit II**

**10 Hours**

**GURU KASHI UNIVERSITY**

University College of Basic Sciences & Languages (Code:6)

**Charles Lamb**

Dream Children: A Reverie  
Christ Hospital Five-And-Thirty Years Ago

**Unit III**

**15 Hours**

William Hazlitt

On Good Nature  
On the Disadvantage of Intellectual Superiority

**Unit IV**

**10HOURS**

**E.M.Forster**

What I Believe

**Martin Luther King Jr**

I Have a Dream

**References:**

Boulton, Marjorie. *The Anatomy of Prose*. Routledge & Kegan Paul Books, 1968.  
Gordan, Ian. *The Movements of English Prose* : Longman Group, 1980.  
Murray, Middleton. *The Problem of Style*. Greenwood Press, 1980.  
Read, Herbert. *English Prose Style*. Pantheon, 1981.

**Course Title: Punjabi Literature**

**Course Code: BAT648**

L	T	P	Cr
3	0	0	3

**Total Hours: 60**

**Learning outcomes :**

ਇਸਕੋਰਸਨੂੰ ਪੂਰਾ ਕਰਨ ਉਪਰੰਤ ਵਿਦਿਆਰਥੀ:

- ਕਹਾਣੀ ਅਤੇ ਨਾਵਲ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ।
- ਸ਼ਬਦ ਜੋੜ ਦੇ ਨਿਯਮਾਂ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।
- ਨਾਵਲ ਸਾਹਿਤਕ ਰੂਪ ਨੂੰ ਸਮਝਣ ਦੇ ਸਮਰੱਥ ਹੋਣਗੇ।
- ਆਧੁਨਿਕ ਸਾਹਿਤ ਦੇ ਕਾਵਿ-ਰੂਪ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ।

**Course Content**

**ਭਾਗ-ੳ**

**15 hours**

ਕਥਾ ਸੰਸਾਰ (1960 ਤੋਂ ਪਿੱਛੋਂ ਦੀ ਪੰਜਾਬੀ ਕਹਾਣੀ ਦਾ ਸੰਗ੍ਰਿਹ) ਸੰਪਾ. ਡਾ. ਜਸਵਿੰਦਰ ਸਿੰਘ ਅਤੇ ਡਾ. ਗੁਰਮੁਖ ਸਿੰਘ, ਪ੍ਰਕਾਸ਼ਕ: ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ।

**ਭਾਗ-ਅ**

**15 hours**

ਵਿਆਕਰਨ

ਸ਼ਬਦ ਜੋੜਾਂ ਦੇ ਨਿਯਮ

ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ

**ਭਾਗ-ੲ**

**15 hours**

ਨਾਵਲ : ਪਵਿੱਤਰਪਾਪੀ (ਨਾਨਕਸਿੰਘ)

**ਭਾਗ-ਸ**

**15 hours**

ਆਧੁਨਿਕ ਸਾਹਿਤ ਰੂਪ (ਕਾਵਿ-ਰੂਪ) – ਨਜ਼ਮ, ਗੀਤ, ਗਜ਼ਲ, ਰੁਬਾਈ, ਕਵਿਤਾ, ਪਰਿਭਾਸ਼ਾ,

ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਤੱਤ

**ਪੁਸਤਕ ਸੂਚੀ**

- ਬਲਦੇਵ ਸਿੰਘ ਧਾਲੀਵਾਲ, ਪੰਜਾਬੀ ਕਹਾਣੀ ਦਾ ਇਤਿਹਾਸ, ਪੰਜਾਬੀ ਅਕਾਦਮੀ ਦਿੱਲੀ।
- ਬੂਟਾਸਿੰਘਬਰਾੜ, ਪੰਜਾਬੀਵਿਆਕਰਨ:ਸਿਧਾਂਤਤੇਵਿਹਾਰ, ਚੇਤਨਾਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ
- ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾਂ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ
- ਰਤਨ ਸਿੰਘ ਜੱਗੀ, ਸਾਹਿਤ ਤੇ ਰੂਪ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਰਜਿੰਦਰ ਪਾਲ ਸਿੰਘ ਬਰਾੜ ਤੇ ਬਲਦੇਵ ਸਿੰਘ ਚੀਮਾ, ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਸਾਹਿਤ ਰੂਪਾਕਾਰ :  
ਰੂਪਾਂਤਰਣ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਟੀ.ਆਰ,ਵਿਨੋਦ, ਨਾਵਲ ਆਲੋਚਨਾ ਸ਼ਬਦਾਬਲੀ ਕੋਸ਼, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਜੇਗਿੰਦਰਸਿੰਘਪੁਆਰਅਤੇਹੋਰ,ਪੰਜਾਬੀਭਾਸ਼ਾਦਾਵਿਆਕਰਨ:ਭਾਗ-  
1.ਪੰਜਾਬੀਭਾਸ਼ਾਅਕਾਦਮੀ,ਜਲੰਧਰ।
- ਜੇਗਿੰਦਰਸਿੰਘਪੁਆਰ( ਸੰਪਾ) ਭਾਸ਼ਾਵਿਗਿਆਨ: ਸੰਕਲਪਅਤੇਦਿਸ਼ਾਵਾਂ, ਪੰਜਾਬੀਭਾਸ਼ਾਅਕਾਦਮੀ,  
ਜਲੰਧਰ

**Transaction Mode**

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group  
Discussion, Self-Learning, Collaborative Learning.

Course Title: हिंदी नाटक एवं एकांकी

Course code BAT649

L	T	P	Credits
3	0	0	3

Total hours 45

**Course Learning Outcomes: On successful completion of this course, the students will be able to**

1. छात्र नाटक में व्यक्त विचारों और संवेदनाओं के आधार पर अपने व्यक्तिगत दृष्टिकोण को विकसित कर पाएंगे I
2. छात्र हिंदी नाटक के अध्ययन के माध्यम से अपने व्यक्तिगत विकास एवं अभिनय कौशल का अध्ययन करेंगे I
3. हिंदी एकांकी और नाटक को पढ़ने और समझने से छात्रों को न केवल साहित्यिक दृष्टिकोण से लाभ होता है, बल्कि यह उनके मानसिक और सामाजिक कौशलों को भी उभारता है।
4. छात्रों की हिंदी साहित्य में रूचि उत्पन्न होगई एवं अभिनय के क्षेत्र में रोज़गार के अवसर भी प्राप्त कर सकेंगे I

Course Content

भाग -क

12 hours

नाटक रू 1. अर्थए परिभाषाए स्वरूपए उद्भव एवं विकास  
अंधेर नगरी रू भारतेन्दु हरिश्चंद्र 2020 उत्तर प्रदेश ,साहित्य सरोवर ,

भाग ख

11

hours

आषाढ़ का एक एक दिन रू मोहन राकेश 1997 ,दिल्ली ,राजपाल एंड सन्ज ,  
हानूश रू भीष्म साहनीए राजकमल प्रकाशन नई दिल्ली ,दरियागंज ,

भाग ग

10 hours

एकांकी रू अर्थए परिभाषाए स्वरूपए उद्भव एवं विकास  
रीढ़ की हड्डी ,जगदीश चन्द्र माथुर ,ाजकमल प्रकाशन, दिल्ली

भाग घ

12 hours

पृथ्वीराज की आँखें -रामकुमार वर्मा ,.लि .प्रा ,साहित्य भवन ,जीरो इलाहाबाद  
स्ट्राइक दृ भुवनेश्वर प्रसाद दिल्ली ,वाणी प्रकाशन ,

व्याख्यान, संगोष्ठी, ईटीम शिक्ष -ण, ईट्यू-ट्रिंग , संवाद, सहकर्मीसमूह चर्चा , मोबाइल शिक्षण,  
स्व-शिक्षा, सहयोगात्मक शिक्षा और सहकारी शिक्षण  
सहायक पुस्तकें रू

- 1.गुप्त (डॉ.) गुप्तहिंदी साहित्य का वैज्ञानिक इतिहास ,गणपतिचन्द्र , (दो खंड) लोकभारती प्रकाशन, इलाहाबाद, पंचम संस्करण, 1999
- 2.ओझा ,दशरथ ,हिंदी नाटक ,कश्मीरी गेट दिल्ली ,राजपाल एंड सन्ज ,उद्भव और विकास : 2009
- .3शर्मा1969 ,काशी ,नागरी प्रचारिणी सभा ,हिंदी गद्य शैली का विकास ,जगन्नाथप्रसाद ,
- .4विद्यालंकार 2011 ,इंडिया ,नेशनल बुक ट्रस्ट ,हिंदी एकांकी ,चन्द्रगुप्त ,

**Course Title: Economics**

**Course Code: BAT650**

L	T	P	Cr.
3	0	0	3

**Total Hours: 45**

**Course Learning Outcomes:** On successful completion of this course, the students will be able to

1. Demonstrate the understanding of the basic concept of growth and development.
2. Elaborate the major growth theories.
3. Analyze the basic theories of development
4. Illustrate the sources and strategies of Capital Formation and price Mechanism

### **Course Content**

#### **UNIT-I1**

**15 hours**

Economic Development: Meaning and measurement, Economic and Non-Economic Factors, Nature and characteristics of an Underdeveloped Economy, Determinants of Economic Development, Nurkse Theory of Disguised Unemployment, Lewis Theory of Unlimited Supply of Labor

#### **UNIT-II**

**10 hours**

Classical, Marxian and Schumpeter's Model. Neoclassical Model of growth. Poverty and Development: Amritya Sen's View

#### **UNIT-III**

**10 hours**

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Strategies of Economic Development: Balanced Vs Unbalanced Growth, Theory of Big-Push, Rostow Theory of Stages of Growth, Libenstein Critical Minimum Efforts Thesis

### **UNIT-IV**

**10 hours**

Capital Formation: Meaning and sources. Theory of Planning in Developing Countries: Need, Objectives, Strategies and Problems of Planning, Price Mechanism and Planning. Choice of Technique.

### **Transaction Mode**

Verbal Exposition, Teacher Talk, Classroom Discussion, Questioning and Answering, Learner Participation, use of ICT tools etc.

### **Suggested Readings**

1. G.M. Meier (Ed.) (1964). Leading Issues in Development Economics, Oxford University Press, New York, pp. 3-47, 231-265, 464-496.
2. W.W. Rostow. (1991). Stages of Growth, Cambridge University Press, pp. 1-92.
3. Benjamin Higgins (1966). Economic Development Principles, Problems and Policies, Central Book Depot, Allahabad, pp. 3-24, 85-143.
4. Nurkse. (1965). Problems of Capital Formation in Underdeveloped Economies (Oxford).
5. Essentials of Development Economics, 3rd Edition. 2020

**Course Title: Sociology**

**Course Code: BAT651**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr</b>
<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>

**Total Hours: 45**

**Course Learning Outcome:**

After completing this course the students will be able to:

- Develops an understanding about the social problems prevails in our society.
- Develop an understanding about the problems relating to Child and Welfare Services
- To develop an understanding of different issues as it affects individuals and groups.
- To expose students with ongoing strategies and programmes to eradicate poverty.

**UNIT - I:**

**(11hours)**

Social Problem: Concept and Approaches

- Concept, Characteristics, Reactions, Types and Causes of Social Problem.
- Theoretical Approaches to Social Problems.
- Methods of Studying and Stages in the Development of Social Problem.

**UNIT - II:**

**(12 Hours)**

Social Problems

- Poverty & Unemployment.
- Alcoholism & Drug Addiction.
- Old Age & Destitution.

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- Corruption.

**UNIT – III**

**(11 Hours)**

- Child Abuse.
- Child Labour.
- Youth Unrest and Agitation.
- Juvenile Delinquency.
- Child Welfare Services

**UNIT - IV:**

**(11Hours)**

- Violence against Women.
- Type of Violence.
- Women's Harassment.
- Women Welfare Services.

**Prescribed Text Books:**

1. Ahuja, Ram, (2007), Social Problems in India. Second Edition, Jaipur, Rawat Publications.
2. Jha, Jainendra Kumar Ed., (2009), Encyclopedia of Social Work, Volume-3, Social Welfare and Social Work, New Delhi, Anmol Publicatio
3. Ahuja, Ram, (2000), Criminology, Jaipur, Rawat Publications.

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<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>

**Course Title: Political Sciences**

**Course Code: BAT652**

**Total Hours: 45**

**Course Learning Outcomes:** On the completion of the course the learner will be able to:

1. Discuss the role of different political parties and pressure groups of U.S.A. and U.K.
2. Compare the structure and functions of Judicial System as well as national and international level.
3. Identify the domestic politics across the countries.
4. Categorize the political institutions and processes in a systematic and more meaningful way.

**Course Content**

**Unit I**

**14 hours**

1. Comparative Politics: Meaning, Significance, Evolution, Nature and Content.
2. Comparative Method: Totalitarian, Communist and Dictatorship.
3. Main features of U.K. and U.S.A. Political System

**Unit II**

**13 hours**

4. British Parliament-House of Lords, House of Commons
5. American Congress- Senate, House of Representative.
6. Executive in America-The President.

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### Unit III

8 hours

7. Political Parties U.K. and U.S.A.
8. Pressure Groups – U.K. and U.S.A.

### Unit IV

10 hours

9. Judicial system and judicial review in United States of America
10. Judicial system and rule of law in U.K.

### Transaction Mode

Lecture, Group Discussion, Quiz, Open Talk, Self-study, Assignment

### SUGGESTED READINGS

- *Jean Blondel (1969). An Introduction to Comparative Government, Praeger.*
- *G. Almond and B. Powell (1966). Comparative Politics: A Development Approach, Little Brown.*
- *Robert Ward & Roy Macrides. (1972). Modern Political Systems, Prentice Hall.*
- *D. J. Weller (1970). The Government of Politics of Communist China, Hutchinson.*
- *Peter Bormhead (1974). Britains Developing Constitution, St. Martin's Press.*
- *John P. Mackintosh (1971). The Government and Politics of Britain, Hutchinson.*
- *P.J. Madgwick. (1971). Introduction to British Politics, Hutchinson.*
- *A.H. Birch. (1980). The British System of Government, Allen & Unwin.*
- *Lucian Pye. (1970). The Spirit of Chinese Politics, Cambridge.*
- *Richard Rose. (1966). Studies in British Politics, Macmillan.*
- *Shanti Swarup. (1966). A Study of the Chinese Communist Movement (only Introduction), Clarendon.*
- *Robert Wesson. (1978). Communism and Communist Systems, Prentice-Hall.*
- *Richard H. Solomon. (1971). Mao's Revolution and the Chinese Political Culture, Oxford University.*

## **History-VI**

Semester-VI

Course code (BAT653)

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>

**Total Hours:- 45 Hours**

### **Objectives:**

1. To enhance the knowledge of the learner about History of Punjab.
2. To understand the various concepts of Ranjit's period
3. Explore the Sikh- Raj, established by Ranjit Singh

### **SECTION-A**

**10 Hours**

1. The establishment of Ranjit Singh's Kingdom: Conquests of Lahore, Multan, Kashmir and Peshawar.
2. Relations between Ranjit Singh and the British (1800-1839)

### **SECTION-B**

**10 Hours**

3. Central and Provincial Administration and Military System of Ranjit Singh.
4. Anglo-Sikh War and the Annexation of the Punjab.

### **SECTION-C**

**15 Hours**

5. Administration of Punjab 1849-58; Board of Administration and its working; Johan Lawrence as Chief Commissioner.

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6. *Socio Religions reforms movement in the late 19th Century; Kukamovement, Singh Sabha Movement, Arya Samaj.*

### Section-D

10 Hours

**1. 7. Factor leading to the partition of Punjab & its impact.**

2. *Circumstances leading to the Re-Organization of the Punjab in 1966.*

### Books Suggested:

- |   |   |  |
|---|---|--|
| 1. Sinha, N.K.                          | : | Ranjit Singh (English & Punjabi)                     |
| 2. Hasrat, B.J.                         | : | Life and Times of Ranjit Singh (English)             |
| 3. Khushwant Singh                      | : | History of the Sikhs, Vol.-II                        |
| 4. Khushwant Singh                      | : | Ranjit Singh-Maharaja of the Punjab                  |
| 5. Fauja Singh                          | : | Some Aspects of State and Society under Ranjit Singh |
| 6. Chhabra, G.S.                        | : | Advanced History of the Punjab, Vol-II               |
| 7. Cunningham, J.D.                     | : | History of the Sikhs                                 |
| 8. Kirpal Singh                         | : | Partition of the Punjab (English & Punjabi)          |
| 9. Ganda Singh (ed.)                    | : | Punjab (Bhai Jodh Singh Abhinandan Granth)           |
| 10. Arora, A.C.                         | : | Punjab Da Itihas (Punjabi)                           |
| 11. Narang, K.S. & Gupta,               | : | Hstory of the Punjab (English, Punjabi & Hin         |
|   |   |  |
| H.R.                                    |   |  |
| 12. Gurcharan Singh and<br>Gandhi, S.S. | : | Punjab Da Itihas (Punjabi)                           |
| 13. Arora, A.C.                         | : | Atlas of Punjab History (English, Punjabi & Hindi)   |
| Arora, A.C. (ed.)                       | : | Punjab Dian Lok Lehran (Punjabi).                    |

## Semester-VI

**Course Name: Religion**

**Course Code: BAT654**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>

**Total Hours:45**

**Course Outcomes: On** successful completion of this course, the students will be able to:

1. Learn that the sikh scripture opens with Onkar, its MulMantar and fundamental prayer about One Supreme Being (God).
2. Understand that Sikhism emphasizes simran (meditation on the words of the Guru Granth Sahib), that can be expressed musically through kirtan or internally through Nam Japo (repeat God's name) as a means to feel God's presence.
3. Understand that Sikhism teaches followers to transform the “Five Theives” (lust, rage, greed, attachment and ego).
4. Know that in Sikhism secular life is considered to be intertwined with the spiritual life.

## Course Content

### Unit- I 12 Hours

#### ਸਿੱਖ ਧਰਮ ਦੇ ਮੁੱਢਲੇ ਸ੍ਰੋਤ

ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ: ਸੰਪਾਦਨ ਕਲਾ ਅਤੇ ਵਿਚਾਰਧਾਰਾ

ਦਸਮ ਗ੍ਰੰਥ: ਮੁੱਢਲੀ ਜਾਣ-ਪਛਾਣ

ਵਾਰਾਂ ਭਾਈ ਗੁਰਦਾਸ ਜੀ : ਸਿੱਖ ਪੰਥ ਦਾ ਸਰੂਪ, ਵਿਚਾਰਧਾਰਾ

### Unit- II Hours

11

#### ਪ੍ਰਮੁੱਖ ਬਾਣੀਆਂ

ਜਪੁ: ਵਿਸ਼ਾ-ਵਸਤੂ

ਸੁਖਮਨੀ: ਵਿਚਾਰਧਾਰਾ

ਬਾਰਹ ਮਾਝ: ਪ੍ਰਕਿਰਤੀ ਚਿਤਰਨ ਅਤੇ ਮਨੁੱਖੀ ਜੀਵਨ ਦਾ ਉਦੇਸ਼

### Unit- III Hours

12

#### ਪ੍ਰਮੁੱਖ ਸਿਧਾਂਤ

ਅਕਾਲ ਪੁਰਖ

ਸ਼੍ਰਿਸ਼ਟੀ ਰਚਨਾ

ਸਹਾਦਤ

**Unit- IV**  
**Hours**

**10**

**ਸਿੱਖ ਸੰਸਥਾਵਾਂ**

13. ਗੁਰਿਆਈ ਸੰਸਥਾ
14. ਧਰਮਸ਼ਾਲਾ ਅਤੇ ਗੁਰਦੁਆਰਾ
15. ਲੰਗਰ/ਪੰਗਤ, ਸੰਗਤ

**ਟ੍ਰਾਂਜੈਕਸ਼ਨਮੋਡ:** ਲੈਕਚਰ, ਸਮੱਸਿਆਹੱਲ, ਮਿਸ਼ਰਤਸਿਖਲਾਈ, ਚਰਚਾਅਤੇਪ੍ਰਦਰਸ਼ਨ, ਅਤੇਕੇਸਅਧਿਐਨ।

ਸਹਾਇਕ ਪੁਸਤਕਾਂ:

- ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਵਿਲੱਖਣ ਤੱਤ, ਡਾ. ਵਜੀਰ ਸਿੰਘ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਆਸਾ ਦੀ ਵਾਰ ਦਾ ਟੀਕਾ, ਸੰਪਾਦਕ ਡਾ. ਰਤਨ ਸਿੰਘ ਜੱਗੀ, ਆਰਸੀ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ।
- ਸੁਖਮਨੀ ਸਾਹਿਬ ਦਾ ਦਾਰਸ਼ਨਿਕ ਆਧਾਰ, ਡਾ. ਜੇਗਿੰਦਰ ਸਿੰਘ।
- ਗੁਰਮਤਿ ਵਿਚਾਰਧਾਰਾ, ਪ੍ਰੀਤਮ ਸਿੰਘ, **SGPC**, ਸ੍ਰੀ ਅੰਮ੍ਰਿਤਸਰ ਸਾਹਿਬ।
- ਬਾਰਹਮਾਰਾ ਸਟੀਕ, **SGPC**, ਸ੍ਰੀ ਅੰਮ੍ਰਿਤਸਰ ਸਾਹਿਬ।

**Subject: Mathematics**  
**Subject Code : BAT655**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>

**Total Hours:**

**45**

**Course Learning Outcomes:**

**On the completion of this course, the students will be able to:**

- Establish real-life problems into Linear programming problem.
- Apply the simplex method to find an optimal vector for the standard linear programming problem and the corresponding dual problem
- Prove the optimality condition for feasible vectors for Linear programming problem and Dual Linear programming problem. Find optimal solution of transportation problem and assignment problem.
- Formulate and solution of linear programming model of two-person zero sum game. Solve nonlinear programming problems using Lagrange multiplier and using Kuhn-Tucker conditions

**COURSE CONTENT****Section A****10****Hours**

Operations Research (OR) and its Scope, Modeling in OR, Scientific Method in Operations Research, Linear Programming: Definition, mathematical formulation, standard form, Solution space, solution – feasible, basic feasible, optimal, infeasible, multiple, redundancy, degeneracy, Solution of LP Problems - Graphical Method, Simplex Method.

**Section B****12****Hours**

Duality in LP, Dual Simplex Method, Economic interpretation of Dual, Transportation Problem, Basic feasible solution using different methods (North-West corner, Least Cost, Vogel's Approximation Method), Optimality Methods, Unbalanced transportation problem, Degeneracy in transportation problems, Assignment Problem, Hungarian Method for Assignment Problem.

**Section C****10 Hours**

Elementary inventory models, Replacement models, Group replacement problem, Sequencing theory,  $m$  machines and  $n$  jobs problem, Graphical method for sequence problem.

**Section D****13 Hours**

Game Theory, pure and mixed strategies, Saddle point, Two-Persons-Zero-Sum Game, Game with mixed strategies, Dominance rule, Graphical Method, Inter - relation between the theory of games and linear programming, Solution of game using Simplex method.

**Transaction Mode-** Lecture, Demonstration, Video Based Teaching, Collaborative teaching, Project based learning, E-team teaching, Group discussion, ted talks, E team Teaching, Flipped Teaching, Quiz, Open talk, Case analysis.

**Books Recommended:**

1. J. K. Sharma, *Operations Research – Theory and Application*, Macmillian Pub.
2. J. K. Sharma, *Operations Research – Problems and Solutions*, Macmillian Pub.
3. G. Hadly, *Linear Programming*, Narosa Publishing House
5. A. H. Taha, *Operations Research – An Introduction*. Prentice Hall
6. Hillier and Lieberman, *Introduction to Operations Research*, McGraw Hill.



**Physical Education-VI (Theory)****Sub. Code : BAT656****Semester-VI**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>

**Total  
Hours:  
30**

**Unit-I** **5**  
**Hours**

**Recreation:**-Meaning, aim, objectives, types, importance and agencies of recreation.**Camping:** - Meaning, objectives, importance, types, layout and organization of camps.**Leadership:** - Meaning, importance, qualities and types.**Unit-II****5 Hours****Intramural and Extramural:** - Meaning, importance and control of competition.**Tournament:** - Merit and demerits and drawing all fixtures for league, knock out and Combination tournament.**Picnics & sports event:** - Planning & organization and importance.**Unit-III****10 Hours****Posture:** - Meaning and Characterizes of Good posture (Walking, Standing, Sitting and lying) Causes and correction of poor posture.**Postural deformities:**-Meaning Causes and correction exercise for spine, foot and legs deformities.**Disability:** - Meaning, Causes, prevention and rehabilitation.

**Unit-IV**  
**10 Hours**

**Kinesiology:** - Meaning, scope and importance in Physical Education and Sports.

**Therapeutically Exercises:** - Meaning, scope, importance and classification.

**Occupational Health:** - Meaning, Principles and factors responsible for occupational hazards and remedial measures.

**Reference:**

Kang G.S. Deol N. S.: An introduction to Health and Physical Education 21st century Patiala 2008

Vannier Maryhelen: Method and material in Recreation, leadership, Philadelphia W. B. Saunders Company, 1959.

Mayer and Bright Hill: recreation administration, Englewood cliffs, new jersey, prentice hall, incl 1961.

H.H. Clark & D. H. Clark: Development and adopted physical education, Englewood cliffs, New Jersey, Prentice Hall,1987.

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**Physical Education-VI (Practical)**

**Semester-VI**

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>

**Track & Field Marking**

**Cricket, Volleyball**

**Measurement of the field and preparation of the field**

**Equipments and Materials of the game/ Event.**

**Fundamental skill and lead up game.**

**Techniques. Rules and Regulations of the game/ Event.**

**Officiating:Duties of officials**

**Home Science-VI (BAT658)**

Semester-VI

Sub. Name: Home Science

<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
<b>2</b>	<b>0</b>	<b>2</b>	<b>3</b>

**Tot  
al Hours:  
30**

**Section – A  
15 Hours**

**Entrepreneurship**-a) Definition and Concept of entrepreneurship, b) Need of entrepreneurship, c) Types of entrepreneurship, d) Characteristics of entrepreneur

**Project Proposal** - a) Meaning & Concept of Project b) Guidelines for Project proposal c) Importance of Project proposal d) Content of Project report

**Section B**

**15 Hours**

**Women Entrepreneurship-** a) Concept & Characteristics of Women entrepreneurship. b) Qualities of Women entrepreneur c) Problems & Remedies for Women entrepreneurship d) Policies for Women entrepreneurship- Central & State level

**Home Science Education and Entrepreneurship-** a) Scope of Home science Education for Entrepreneurship b) Funding agencies - Central, state and others c) Finance Management d) Special funding schemes for women entrepreneurs

**Home Science-VI (601623)**  
**(Practical)**

Semester-VI

Credit-2

	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr.</b>
1. Preparation of detail project report on any relevant topic				
2. Study visit to any small or large scale relevant industry	<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>
3. Interview of successful women entrepreneurs in the relevant field				

OR

Preparation of project proposal

4. Training for a week on any relevant small or large scale enterprise

**References:**

1. Entrepreneurship Development, Taneja and Gupta S.L., New Venture Creation, Galgeha Publication Company, New Delhi.
2. Entrepreneurship Development, Desai V. Himalaya Publication House, Mumbai.

**Semester: 6th****Course Name: Music****Course Code: 659**

L	T	P	Cr.
2	0	2	3

**Total****Hours:45**

**Course Learning Outcomes: After successful completion of this course, the students will be able to**

Studies about the gharans of Hindustani music.

Learns about the musical forms of Hindustani music

Learns to write the practical compositions according to the nation system.

Knowledge of writing notations of VilambitKhayals&Drutkhayal in the prescribed

### **Course Content**

#### **Unit I**

**Hours:08**

1. Topic of essays:

a) Kanthsadhana b) Loksangeet of Punjab c) Role of Akashwani & doordarshan towards the popularization of Indian classical music.

2. Special features of time theory of Indian ragas.

#### **Unit II**

**Hours:10**

1. History of Indian music from 18<sup>th</sup> century to present period.

2. General history of Indian music i.e. from Bharata to Sharangdeva.

3. Explain the following Gayanshailes

a) Tappa, Tarana, Dhamar, b) Bhajan&shabad

#### **Unit III**

**Hours:14**

1. . Knowledge of writing notations of Vilambit Khayals & Drut khayal in the prescribed ragas:  
a) Durga, b) Vrindavani\_sarang c) Madhuwanti
2. Development & importance of Indian notations system of music, its merits & demerits.
3. Different Gayanshaillies of Gurmat sangeet.

#### **Unit IV**

**Hours:13**

1. define the following musical terms in the context of Gurmat sangeet;  
a) kirtaniya b) Dhuni C) Paudi d) Bandana E) Chowki
2. Elementary Knowledge of the following Ragas:  
a) Multani, b) Marva c) Poorvi

#### **SUGGESTED READINGS**

1. Dr. Mrieunjaya Sharma and Dr. Narayan:(2007) *Sangeet manual*; H.G Publications Dehli
2. Dr. Yaspal Sharma(1998),*Gayan Kalan*; Punjabi University Patiala.
3. Dr. Suman Lata(2007)*Hindustani Shastri Sangeet Avam Vyavyr*; Karnal Publications.
4. Dr. Davinder kaur(1910), Sangeetanjali Publications Patiala
5. Shankar Lal Mishra &alka Katyal: *Sangeet Shaster Vivechan*, Punjabi University Patiala