

GURU KASHI UNIVERSITY



Bachelor of Arts (Psychology)

Session: 2024-25

Department of Arts

GRADUATE OUTCOMES OF THE PROGRAMME

Graduates will have in depth understanding of the discipline to creatively solve various problems and provide innovative solutions and be able to develop creatively solve the socio-economic problems and provide solutions. They will have skill in undertaking independent research in their respective areas.

PROGRAMME LEARNING OUTCOMES

After completion of the programme, the learner 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 the 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 an understanding of the 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.

Programme Structure BA Psychology Semester I						
Course Code	Course Title	Course Type	L	T	P	Credits
BSY101	Development of Psychological Thought	Core	4	0	0	4
BAT140	English Prose and Poetry	Core	4	0	0	4
BAT122	Society and Media	Compulsory Foundation	2	0	0	2
BAT139	Environmental Education	VAC	2	0	0	2
BAT136	Conceptual understanding in Psychology	Compulsory Foundation	2	0	0	2
BAT147	(Psychological Practicals -I)	Compulsory Foundation	0	0	2	1
Elective Course-I (Any one of the following)						
BAT141	Punjabi KavitateVartak	Generic Elective	4	0	0	4
BAT142	Early History of Punjab and its Culture					
(Opt. any one course from the given group)						
BAT132	History of Ancient India	Group-I Discipline Elective	3	0	0	3
BAT148	Introduction to Public Administration					
BAT149	Basic Concepts of Political Theory					
BAT134	Matrices and Coordinate Geometry					
Total			21	0	2	22

***The selected course from selected groups will remain same till the completion of the programme.**

Semester-II						
Course Code	Course Title	Course Type	L	T	P	Credits
BSY201	Social Psychology	Core	4	0	0	4
BAT258	English Language and Literature	Core	4	0	0	4
BAT221	Universal Values and Life Skills	Ability Enhancement	2	0	0	2
BAT240	Computer Application	Skill Based	1	0	0	1
BAT241	Computer Application-Lab		0	0	2	1
BAT299	XXX	MOOC	0	0	0	2
BAT236	Human Growth and Development	Compulsory Foundation	2	0	0	2
BAT248	Psychological Practical - II		0	0	2	1
Elective Course-I (Any one of the following)						
BAT242	Punjabi Kahani ate Ikangi	Generic Elective	4	0	0	4
BAT243	History of Sikh Gurus and Culture in Punjab					
(Opt. any one course from the given group)						
BAT232	History of Medieval India	Group-I Discipline Elective	3	0	0	3
BAT249	Basics of Public Administration Maximum					
BAT231	Modern Principles of Political					
BAT234	Calculus and Differential Equations					
Total			20	0	4	24

Semester-III						
Course Code	Course Title	Course Type	L	T	P	Credits
BSY301	Psychological Research: Quantitative Approaches	Core	4	0	0	4
BAT356	Prose and Poetry in English Language	Core	4	0	0	4
BAT320	Sociology of Health	Elective Foundation	3	0	0	3
BAT321	Listening and Speaking Skills- English	Skill Based	1	0	0	1
BAT357	Listening and Speaking Skills- English (Lab)		0	0	2	1
BAT399	XXX	MOOC	0	0	0	2
BAT335	Psychology of Individual Differences	Compulsory Foundation	2	0	0	2
BAT345	Psychology Practicals-III		0	0	2	1
Elective Course-I (Any one of the following)						
BAT340	Punjabi Vartakte Natak	Generic Elective	4	0	0	4
BAT341	Sikh Struggle during Mughal Period and Culture of Punjab					
(Opt. any one course from the given group)						
BAT331	History of Modern India	Group-I Discipline Elective	3	0	0	3
BAT346	Personnel Administration					
BAT330	Development of Indian Constitution					
BAT333	Linear Algebra					
Open Elective Course						
XXX	XXX	Open Elective	2	0	0	2
Total			23	0	4	27
Open Elective Course for other Faculty/Department						
OEC033	Women in Modern Indian History	Open Elective	2	0	0	2

Semester-IV						
Course Code	Course Title	Course Type	L	T	P	Credits
BSY401	Understanding Psychological Disorders	Core	4	0	0	4
BAT455	English Literature and Language Skills	Core	4	0	0	4
BAT436	Introduction to Human Rights & Duties	VAC	2	0	0	2
BAT437	Seminar	Skill based	0	0	4	2
BAT438	Organisational Behaviour	Entrepreneurship	2	0	0	2
BAT433	Statistics in Psychology	Compulsory Foundation	2	0	0	2
BAT445	Psychology Practicals - IV		0	0	2	1
Elective Course-I (Any one of the following)						
BAT439	Punjabi Galap-I	Generic Elective	4	0	0	4
BAT440	History and Culture of Punjab during British Period					
(Opt. any one course from the given group)						
BAT429	History of Punjab (1469-1707AD)	Group-I Discipline Elective	3	0	0	3
BAT446	Indian Administration					
BAT428	Indian Political System					
BAT431	Complex Analysis					
Total			21	0	6	24

At the end of IV semester students will start summer training for V semester.

Semester-V						
Course Code	Course Title	Course Type	L	T	P	Credits
BSY501	Experimental Psychology	Core	4	0	0	4
BAT555	Translation and English Literature	Core	4	0	0	4
BAT537	Summer Training	Skill Based	0	0	0	6
BAT599	XXX	MOOC	0	0	0	2
BAT534	Counselling Psychology	Compulsory Foundation	2	0	0	2
BAT545	Psychology Practicals -V		0	0	2	1
Elective Course-I (Any one of the following)						
BAT538	Punjabi Lokdharate Sahit de Roop	Generic Elective	4	0	0	4
BAT539	Movements in Punjab and Literature					
(Opt. any one course from the given group)						
BAT530	History of World	Group-I Discipline Elective	3	0	0	3
BAT546	Financial Administration					
BAT529	International Politics					
BAT532	Real Analysis					
Total			17	0	2	26

***Summer Training will be evaluated at the end of V Semester.**

Semester-VI						
Course Code	Course Title	Course Type	L	T	P	Credits
BSY601	Psychopathology	Core	4	0	0	4
BAT641	Literature, Review and Story Writing in English	Core	4	0	0	4
BAT621	Interview Skills	Skill Development	0	0	4	2
BAT622	Fundamentals of Social Counseling	VAC	2	0	0	2
BAT618	Clinical Psychology	Compulsory Foundation	2	0	0	2
BAT631	Psychology Practicals - VI		0	0	2	1
Elective Course-I (Any one of the following)						
BAT623	Punjabi Rekhachittarte Sahit de Roop	Generic Elective	4	0	0	4
BAT624	History of Punjab Post 1947 and Prominent Figures in Punjab					
(Opt. any one course from the given group)						
BAT614	History of Punjab(1799-1858AD)	Group-I Discipline Elective	3	0	0	3
BAT613	Comparative Politics					
BAT632	Contemporary Issues in Public Administration					
BAT616	Mathematical Statistics					
Total			19	0	6	22

Evaluation Criteria for Theory Courses

NOTE: Best Two C1 & C2 will be included

A. Continuous Assessment: [25Marks]

1. C1(10Marks)

2. C2(10Marks)

3. C3(5Marks)

For each CA: conductsurprisetest, quiz, term paper, assignments, etc.

B. Attendance (5marks)

C. MidSemester Test: (30Marks)

D. End-Term Exam: (40Marks)

SEMESTER-I**Course Title: Development of Psychological Thought****Course Code: BSY101**

L	T	P	Credits
4	0	0	4

Total Hours: 60**Course Learning Outcomes**

On the completion of the course the students will be able to

- explore the methodological shifts across schools of Psychology
- critically analyse the transition from behaviourism to cognitive psychology analyse existential psychology
- recognize social constructionism in psychology

Course Content**Unit-I****16 Hours**

Understanding Psyche: Indian Views on Consciousness: Yoga and Vedant; Early Western Views (Structuralism, Functionalism, and Gestalt); Debates in Western Psychology, Free Will and Determinism, Empiricism and Rationalism; Content and Methodological Shifts across schools of Psychology

Unit-II**14 Hours**

Rise of Behaviourism (Watsonian Perspective); Shift from Behaviourism to Neo Behaviourism (With reference to Hull, Tolman and Skinner); Transition from Behaviourism to Cognitive Psychology (Information Processing Approach).

Unit-III**15 Hours**

Psychoanalysis: Freudian Approach, Jungian Perspective, Sociological Shift (Karen Horney, Erik H. Erikson), Object Relational Perspectives (Tenets and Concepts); Existential Psychology (Major Themes); Humanistic Approach (Maslow and Rogers)

Unit-IV**15 Hours**

Critical Perspectives: Social Constructionism in Psychology, Feminism and Psychology

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching, Peer Feedback

Suggested Readings

- Frith, H. (2001). Young Women, Feminism and the Future: Dialogues and Discoveries. *Feminism and Psychology*, 11(2), 147-151.

- Gergen, K.J. (1985). The Social Constructionist Movement in Modern Psychology. *American Psychologist*, 40, 266-275.
- King, D.B., Viney, W. & Woody, W.D. (2008). *A History of Psychology: Ideas and Context* (4th Ed.). London, UK: Pearson Education.
- Leahey, T.H. (2005). *A History of Psychology: Main currents in psychological thought* (6th Ed.) Singapore: Pearson Education.
- Paranjpe, A. C. (1984). *Theoretical psychology: The meeting of East and West*. New York: Plenum Press.
- Schultz, D.P. & Schultz, S.N. (2011). *A History of Modern Psychology*, 10th edition. UK: Wadsworth, Cengage Learning.
- Thomas, T. (2005). *The Critique of Psychology: From Kant to Post Colonial Theory*. NY: Springer-Verlag.

Course Title: English Prose and Poetry**Course Code:BAT140**

L	T	P	Credits
4	0	0	4

Total Hours: 60

Course Learning Outcomes: After completion of this course, the learner will be able to:

1. Analyse and appreciate the distinctive styles of selected authors across a variety of time and space.
2. Critically analyse and individually interpret the themes, literary techniques and cultural significance of selected poetic pieces.
3. Internalize the grammar and appropriate vocabulary of English language.
4. Inculcate writing skills for official correspondence, media communication, and enhancing vocabulary and accuracy.

Course Content

UNIT-I**14 hours**

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

- The Poetic Palette (Orient Blackswan, 2013) The following poems from this anthology are prescribed:
- The Villain: W.H. Davies
- 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**

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

UNIT-IV**14 hours**

Writing skills

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

TRANSACTION MODE-

Brain Storming, Quiz, Group Discussion, Open Talk.

SUGGESTED READINGS

- Tagore, Rabindranath. *Selected Short Stories of Rabindranath Tagore*. Penguin Classics, 1994.
- Bond, Ruskin. *The Best of Ruskin Bond*. Penguin Books, 2008.
- Singh, Khushwant. *The Portrait of a Lady and Other Stories*. Penguin Books India, 2008.
- Davies, W.H. *Selected Poems*. Penguin Classics, 2015.
- Blake, William. *Songs of Innocence and Experience*. Dover Publications, 1992.
- Lababidi, Yahia. *Signposts to Elsewhere*. Jane Street Press, 2008
- Wilfred D. *The Student's Companion*. The Pearson Education, 1983.
- Eastwood, John. *Oxford Practice Grammar*. OUP, 2004.

Course Title: Society and Media**Course Code: BAT122**

L	T	P	Credits
2	0	0	2

Total Hours: 30

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

1. Analyze the sociological implications of media in contemporary society.
2. Understand the technical processes involved in media production, distribution, and consumption.
3. Evaluate the impact of media on culture, identity, and social behavior.
4. Apply sociological theories and technical knowledge to media-related issues and challenges.

Course Content

UNIT-I**8 hours****Introduction to Sociology of Media**

Defining media sociology: Concepts, theories, and perspectives.

Media as a social institution: Ownership, regulation, and convergence.

UNIT-II**8 hours****Media and Culture**

Media and popular culture: Consumerism, celebrity culture, and trends.

Globalization and cultural imperialism in media.

UNIT-III**8 hours****Media and Power**

Media bias, propaganda, and the role of media in shaping public opinion.

UNIT-IV**6 hours****Media and Social Issues**

Media and social change: Activism, political communication, and social movements. Emerging media trends: Socialmedia, citizen journalism, and the digital age.

Suggestive Readings

- Croteau, D., & Hoynes, W. (2019). *Media/Society: Technology, Industries, Content, and Users*. Sage Publications.
- McQuail, D. (2018). *McQuail's Mass Communication Theory*. Sage Publications.
- Couldry, N. (2012). *Media, Society, World: Social Theory and Digital Media Practice*. Polity Press.
- Livingstone, S., & Lunt, P. (2014). *Media Regulation: Governance and the Interests of Citizens and Consumers*. Sage Publications.
- Curran, J., & Seaton, J. (2017). *Power without Responsibility: Press, Broadcasting, and the Internet in Britain*. Routledge.

Course Title: Environmental Education**Course Code: BAT139**

L	T	P	Credits
2	0	0	2

Total Hours: 30**Course Outcomes: On successful completion of this course, the students will be able:**

1. Understand the nature, components of an ecosystem and that humans are an integral part of nature.
2. Realize the importance of environment, the goods and services of a healthy biodiversity dependence of humans on environment.
3. Evaluate the ways and ill effects of destruction of environment, population explosion on ecosystems and global problems consequent to anthropogenic activities.
4. Discuss the laws/ acts made by government to prevent pollution, to protect biodiversity and environment as a whole.

Course Content**UNIT-I****8 hours**

Biodiversity: Definition; importance of Biodiversity - ecological, consumptive, productive, social, ethical and moral, aesthetic, and option value. Levels of Biodiversity: genetic, species and ecosystem diversity.

UNIT-II**8 hours**

Environmental degradation and impacts: Human population growth and its impacts on environment; land use change, land degradation, soil erosion and desertification. 2. Use and over-exploitation of surface and ground water, construction of dams, floods, conflicts over water (within India). 3. Deforestation: Causes and effects due to expansion of agriculture, firewood, mining, forest fires and building of new habitats.

UNIT-III**8 hours**

Concept of sustainability and sustainable development with judicious use of land, water and forest resources; afforestation. Control measures for various types of pollution; use of renewable and alternate sources of energy. Solid waste management: Control measures of urban and industrial waste.

UNIT-IV**6 hours**

Environment Laws: Environment Protection Act; Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols; Environmental movements: Bishnois of Rajasthan, Chipko, Silent valley.

Suggested Readings:

- ErachBarucha (2004) *Text book of Environmental Studies for Undergraduate courses*(Prepared for University Grants Commission) Universities Press.
- PurnimaSmarath (2018) *Environmental studies* Kalyani Publishers. Ludhiana
- Odum, E.P., Odum, H.T. & Andrews, J. (1971) *Fundamentals of Ecology*. Philadelphia:
- Saunders.
- Singh, J.S., Singh, S.P. and Gupta, S.R. (2014) *Ecology, Environmental Science and Conservation*. S. Chand Publishing. New Delhi.
- Sengupta, R. (2003) *Ecology and economics: An approach to sustainable development*.

Course Title: Conceptual Understanding of Psychology**Course Code: BAT136**

L	T	P	Cr
2	0	0	2

Total Hours: 45**Course Outcomes**

On the completion of the course the students will be able to

- Demonstrate the major concepts, theoretical perspectives of psychology
- Summarize biological foundations of behaviour
- Differentiate between the types of attention
- Recognize various factors of motivation

Course Content**Unit-I****12 Hours**

Introduction to Psychology; Concept, Nature, Scope and Need, Branches of Psychology. Approaches: behaviorist, cognitive, humanistic.

Unit-II**12 Hours**

Biological Foundations of Behaviour: Response Mechanism-Receptors, Effectors, Conductors- Major parts of the Brain and their functions. States of mind: Nature of consciousness, factors affecting consciousness, Stages of sleep, sleep dreaming.

Unit-III**11 Hours**

Attention: meaning, definition and types of Attention. Interest: Meaning, definition, characteristics and types.

Unit-IV**10 Hours**

Motivation: Concept, principles, Types of Motives; Classification of motives. Factors influencing motivation. Techniques of getting motivated.

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching, Peer Feedback

Suggested Readings

- Dr. Shashi Jain (2014). *Introduction to Psychology*. Kalyani Publishers.
- Chand, J. (2010): *Psychological Foundations of Education*. New Delhi, Anshah Publishing House.
- Sandhya, K.P. (2013): *General Psychology*. New Delhi, Anmol Publication.
- Dr.Prem Prakash (2007): *Psychological Foundations of Education*. New Delhi, Kanishka Publishers.
- Mangal, S.K. (2006): *Advanced Education Psychology*. New Delhi: Prentice Hall of India.

Course Title: Psychology Practical-I

Course Code: BAT147

L	T	P	Cr
0	0	2	1

1. Psychological Wellbeing
2. Motivation
3. Attention

Suggested Readings

- Dr. Shashi Jain (2014). *Introduction to Psychology*. Kalyani Publishers.
- Chand, J. (2010): *Psychological Foundations of Education*. New Delhi, Anshah Publishing House.
- Sandhya, K.P. (2013): *General Psychology*. New Delhi, Anmol Publication.
- Dr. Prem Prakash (2007): *Psychological Foundations of Education*. New Delhi, Kanishka Publishers.
- Mangal, S.K. (2006): *Advanced Education Psychology*. New Delhi: Prentice Hall of India

Course Title: Punjabi Kavita te Vartak
Course Code: BAT141

L	T	P	Credits
4	0	0	4

Total Hours: 60

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-ੳ

15 hours

ਦੋ 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 ਉਪਭਾਸ਼ਾ ਵਿੱਚ ਅੰਤਰ, ਪੰਜਾਬੀ ਉਪ ਭਾਸ਼ਾਵਾਂ ਦੇ ਪਛਾਣ ਚਿੰਨ੍ਹ ਪੰਜਾਬੀ ਭਾਸ਼ਾ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ

ਭਾਗ-ੲ

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

- 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 – ਵਾਰਤਕ: ਮੱਧਕਾਲੀ ਅਤੇ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਵਾਰਤਕ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਡਾ. ਪ੍ਰੇਮਪ੍ਰਕਾਸ਼ ਸਿੰਘ – ਸਿਧਾਂਤਕ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਪਬਲੀਕੇਸ਼ਨ ਮਦਾਨ, ਪਟਿਆਲਾ।
- ਰਤਨ ਸਿੰਘ ਜੱਗੀ – ਸਾਹਿਤ ਦੇ ਰੂਪ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਰਾਜਿੰਦਰ ਪਾਲ ਬਰਾੜ, ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦਾ ਇਤਿਹਾਸ. ਪੰਜਾਬੀ ਅਕਾਦਮੀ ਦਿੱਲੀ।

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Course Title: Early History of Punjab and its Culture
Course Code: BAT142

L	T	P	Credits
4	0	0	4

Total Hours: 60

Course Learning Outcomes: After completion of this course, the learner will be able to:

1. Understand the geographical characteristics of Punjab and their historical significance.
2. Evaluate the contributions of Sikh Guru's to Sikhism and society.
3. Analyze the teachings of the Bhakti saints and their relevance to society.
4. Analyze the role of games and dance in preserving Punjab cultural heritage and fostering community cohesion

Course Content

UNIT-I **15 hours**

Physical features of Punjab & their impact on history. Sources of History of Punjab. Bhakti Movement; Causes, Main characteristics and Impact; Namadeva, Kabir and Guru Nanak dev.

UNIT-II **15 hours**

Life and Teaching of Guru Nanak Dev. Contribution of Guru Angad Dev and Guru Amar Das.

UNIT-III **15 hours**

Contribution of Guru Ramdas. Life and Martyrdom of Guru Arjan Dev.

UNIT-IV **15 hours**

Games of Punjab; KABBADI, Guli Danda, Hockey, Kotlathhappki, Dance of Punjab; Giddha, Bhangra

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Suggested Readings (APA)

- L. Joshi,(1989),(ed);(History and Culture of the Punjab, Part-I, Patiala:, (3rd edition).
- L.M. Joshi and Fauja Singh,(1977), (ed); History of Punjab, Vol.I, Patiala:.
- Budha Parkash, (1983), Glimpses of Ancient Punjab, Patiala.
- Khushwant Singh,(1977), A History of the Sikhs, Vol. I (1469-1839): Delhi, OUP.

- Teja Singh and Ganda Singh, (1983),A Short History of the Sikhs, Vol. (1469-1765):Patiala, Punjabi University.
- W.H. McLeod, (1968), Guru Nanak and the Sikh Religion: Delhi, OUP.
- Louis E. Fenech, (2000),Martyrdom in the Sikh Tradition: Oxford, OUP.

- <https://12.realinfo.tv/2021/01/lesson-1.html>
- <https://byjus.com/free-ias-prep/bhakti-movement-ncert-notes/>
- <https://www.pw.live/exams/school/guru-nanak-dev/>
- <https://www.britannica.com/biography/Guru-Angad>
- <https://www.britannica.com/biography/Guru-Ram-Das>
- <https://ludobheem.in/blog/traditional-games-of-punjab/>
- <https://www.stutiaga.com/portfolio/bhangra/>

Course Title: History of Ancient India**Course Code: BAT132**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcomes: After completion of this course, the learner will be able to:

1. Evaluate the society, culture, religion and political history as well as trade and urbanization of ancient civilization, like Harappan civilization, Early and Later Vedic period of India.
2. Analyze the rise of Jainism and Buddhism in ancient India.
3. Understand the Mauryan Empire with special focus on Ashoka, his Dhamma and the other achievements. The learner will be also able to know the prominent rulers of Gupta period, and social and political development.
4. Enhance the knowledge about the regional Kingdoms of southern India, especially, Cholas, Pallavas and Rashtrakutas.

Course Content

UNIT-I**12 hours**

Source of Ancient India, The Indus Valley Civilization: Origin; 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 and Later period.

UNIT-II**11 hours**

Causes of Emergence of Jainism and the teachings of the Mahavir Jainism; Buddhism: its emergence and prominent Teachings of the Gautam Buddha.

UNIT-III**10 hours**

Establishment of Mauryan Empire, Achievements of Chandragupta Maurya, Ashoka's Dhamma, Administration under the Mauryas and their decline. The Gupta Empire: prominent rulers, Social, Economic, and political development under Guptas

UNIT-IV**12 hours**

Harsha Vardhan and Southern Dynasties (Cholas, Pallavas and Rashtrakutas).

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

Suggested Readings:

- Basham, A.L. *Wonder That Was India*. Calcutta: Rupa, 1992.
- Jha, D.N. (ed.), *Society and Ideology in India*. Delhi: Sterling Publisher, 1985.
- Jha, D.N., *Ancient Indian an Historical Outline*. Delhi: Manohar (2 nd Rev. ed.),2005.
- Pandey, V.C.and Pandey. A.C. *New History of Ancient India*. Jalandhar: A.B.C., 1999.
- Ray Chaudhary, H.C. (re. ed.) by B.N. Mukherjee, *Political History of Ancient India*, Calcutta: Oxford University Press, 1996.
- Thapar, Romila, *Asoka and the decline of the Mauryas*. Delhi: Oxford UniversityPress, 1997.
- Tharpar, Romila. *Early from the Origin to A.D. 1300*, Penguin, 2002.
- Vivekanand Jha, *Mauryan India*, Delhi: Tulika Books, 2004.

Course Title: Introduction to Public Administration
Course Code: BAT148

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcome: After completion of this course, the learner will be able to:

1. Define public administration and understand its scope and significance in government and society.
2. Describe the historical development of public administration and its evolution over time.
3. Identify and explain major theories and concepts in public administration, such as bureaucracy, public choice theory, and New Public Management.
4. Understand the ethical considerations and principles that guide public administration practice.

Course Content

UNIT-1: Public Administration as a Discipline **13 hours**

- a) Meaning, Scope and Significance of the Discipline
- b) Public and Private Administration
- c) Evolution of Public Administration
- d) Globalization and Public Administration

Unit II: Approaches of Public Administration **12 hours**

- a) Classical Approach
- b) Legal Approach
- c) Human Relations and Behavioural Approach
- d) Ecological Approach

Unit III: Principles of Public Administration **10 hours**

- a) Division of Work and Coordination
- b) Hierarchy, Unity of Command and Span of Control
- c) Delegation, Centralization and Decentralization
- d) Line and Staff

Unit IV: Emerging Trends in Public Administration **10 hours**

BA Arts (BAT)

- a) Emerging trends and their impact on Socio-economic development
- b) Concept of E-Governance
- c) Democratic Principles
- d) Role of Bureaucracy in Governance

e) Role of Machinery for Redressal of Public Grievances (Lokpal & Lokayukta)

Suggested Readings

- Avasthi & Maheshwari (2012), *Public Administration*, Lakshminarayan Agarwal, Agra
- Arguden, Yilmaz (2011), *Keys to Governance: Strategic Leadership for Quality of Life*. Macmillan, Hampshire.
- Arndt Christiane and Charles Oman (2006), *Uses and Abuses of Governance Indicators*. OECD, Paris.
- Bhattacharya, Mohit (2013). *New Horizons of Public Administration*. Jawahar Publishers, New Delhi.
- Donald Menzel and Harvey White (eds) (2011). *The State of Public Administration: Issues, Challenges and Opportunities*, New York,
- M. E. Sharpe. Henry, Nicholas (2006), *Public Administration and Public Affairs*, Prentice.Hall of India, New Delhi.
- Jan-Erik Lane, (2000) *New Public Management: An Introduction*, Routledge, London. Ravindra Prasad, D. Prasad, VS Prasad, Satyanarayana P, and Y.Pardhasaradhi, (eds.)(2013), *Administrative Thinkers*, Sterling New Delhi.
- Donald Menzel (eds) (2011). *The State of Public Administration: Issues, Challenges and Opportunity*. New York: M. E. Sharpe. Frank]. Goodnow, Politics and Administration: A Study in Government, Transaction Publishers, New York, 2003. O'Leary, Rosemary et al. (2010). *The Future of Public Administration around the World: The Minnowbrook Perspective*, George.
- Town university Press, *DC Martin Albrow (1970)*. Bureaucracy, MacMillan, London, 1970

Course Title: Basic Concepts of Political Theory
Course Code: BAT149

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcomes

On the completion of the course the learner will be able to:

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

Course Content

Unit I **12 hours**

- Political Science: Meaning, definitions, characteristics and scope.
- Political Theory & Political Science Traditional and Modern Interpretation
- Political Theory & Political Science traditional & modern views
- Relationship between Political Science Economics, History, Psychology and Sociology.

Unit II **13 hours**

- The State: Meaning, Elements and Difference among State, Society and Government.
- Sovereignty: Meaning, definition, characteristics, types and attributes.

Unit III **11 hours**

- Liberty: Meaning, types and its safeguards.
- Equality: Meaning, types & relationship between liberty and equality
- Power and Authority: Meaning, types & difference between both

Unit IV **09 hours**

- Justice: meaning and its various dimensions.
- Rights & Duties: Meaning, types & Relationship between Rights & Duties.

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.
- Rawls, J. (2001). *Justice as fairness: A restatement*. Belknap Press of Harvard University Press.
- Arendt, H. (2006). *The Human Condition* (2nd ed., H. Arendt, Trans.). University of Chicago Press.
- Mouffe, C. (2005). *On the Political*. Routledge.
- Habermas, J. (2006). *Political Communication in Media Society: Does Democracy Still Enjoy An Epistemic Dimension?* Translated by F. P. Barnard. Polity Press.
- Sen, A. (2009). *The Idea of Justice*. Belknap Press of Harvard University Press.
- Benhabib, S. (2004). *The Rights of Others: Aliens, residents, and citizens*. Cambridge University Press.
- Foucault, M. (2003). *Society Must Be Defended: Lectures at the Collège de France, 1975-1976* (D. Macey, Trans.). Picador.
- Walzer, M. (2004). *Politics and Passion: Toward A More Egalitarian Liberalism*. Yale University Press.

Course Title: Matrices and Coordinate Geometry
Course Code: BAT134

L	T	P	Cr.
2	0	0	2

Total Hours: 30

Course Learning Outcomes: On completion of this course, the successful learner 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 wideranging 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

9 hours

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

7 hours

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 rowtransformations, equivalence of matrices.

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

7 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**7 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.*
- *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.*

SEMESTER-II**Course Title: Social Psychology****Course Code: BSY201**

L	T	P	Credits
4	0	0	4

Total Hours: 60**Course Outcomes**

On the completion of the course the students will be able to

- summarize current trends of Social Psychology
- identify role of parenting in various stages of human development
- explore the social influence processes
- analyse group dynamics

Course Content**Unit-I****13 Hours**

Introduction: Nature and scope of Social Psychology; Levels of social analysis; Critique to Social Psychology; Overview of the history and current trends of Social Psychology Including development in India.

Unit-II**17 Hours**

Understanding self and evaluating the social world: Making of the self; Social Cognition, Social Perception, Impression Management; Attitudes, Attitude-Behaviour Link; Strategies for attitude change.

Unit-III**14 Hours**

Social Interaction and Influence: Interpersonal Attraction, Prosocial Behaviour, Aggression, Social Influence Processes Conformity, Compliance and Obedience, Altruism.

Unit-IV**16 Hours**

Group Dynamics: Nature of Groups; Basic Processes, Group Performance, Group Decision Making; Group Interaction, Facilitation, Loafing.

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching, Peer Feedback, Case Studies, Demonstration.

Suggested Readings

- Baron, R.A., Byrne, D. & Bhardwaj, G. (2010). Social Psychology (12th Ed.). New Delhi: Pearson.
- Baumeister, R.F. & Bushman, B.J. (2018). Social Psychology and Human Nature. New Delhi: Cengage Learning.

- Franzoi, S.L. (2009). *Social Psychology* (5th Ed.). New York: McGraw-Hill.
- Hogg, M. & Vaughan, G.M. (2008). *Social Psychology*. Upper Saddle River, New Jersey: Prentice Hall.
- Kassin, S., Fein, S., & Markus, H.R. (2008). *Social Psychology*. New York: Houghton Mifflin.
- Misra, G. (2009). *Psychology in India: Theoretical and Methodological Developments (ICSSR Survey of Advances in Research)*, Vol 4. New Delhi: Pearson.
- Taylor, S.E., Peplau, L.A. & Sears, D.O. (2006). *Social Psychology* (12th Ed.). New Delhi: Pearson

Course Title: English Language and Literature
Course Code: BAT258

L	T	P	Cr.
4	0	0	4

Total Hours: 60

Course Learning Outcomes: After completion of this course, the learner will be able to:

1. Critically analyse and interpret themes of identity, freedom, perception, social class and familial relations through a literary perspective.
2. Thematically analyse and appreciate these of nostalgia, nature, contemplation, aging and the impact of war from a literary perspective.
3. Improve grammatical and syntactical proficiency.
4. Expand written communication and expression through drafting letters, applications, essays and reports.

Course Content

UNIT-I

16 hours

• 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

• 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

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

UNIT-IV

11 hours

- 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.
- Board Of Editors. *The Poetic Palette*. Orient Blackswan, 2013.
- Board Of Editors. *Prose Parables*. Orient Blackswan, 2013.

Course Title: Universal Values and Life Skills
Course Code: BAT221

L	T	P	Cr.
2	0	0	2

Total Hours: 30

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

1. Articulate the concept of universal values, identify their own values, and analyze how values influence personal decisions and ethical behavior.
2. Develop effective communication skills, including active listening, empathy, and conflict resolution techniques, to foster positive interpersonal relationships.
3. Demonstrate critical thinking skills by identifying and evaluating arguments, recognizing cognitive biases, and applying problem-solving strategies in various contexts.
4. Cultivate self-awareness, set and achieve meaningful goals, manage stress, and nurture healthy relationships, promoting their overall well-being and personal growth.

Course Content

UNIT-I

07 hours

Introduction to Universal Values

Understanding Value, Values and their significance in life, Identifying personal values, Ethics and Morality,

UNIT-II

08 hours

Effective Communication

Communication Fundamentals, Importance of effective communication, Verbal and non-verbal communication skills, Active Listening

UNIT-III

Problem-Solving and Critical Thinking

08 hours

Introduction to Critical Thinking, Understanding critical thinking and its importance, Problem-Solving Techniques, Real-life problem-solving scenarios,

UNIT-IV

07 hours

Personal Development and Well-being

Self-Awareness and Emotional Intelligence, Time Management and Goal Setting,,Stress Management and Resilience

Suggestive Readings:

- Goleman, D. (2006). (10th ed.). *Bantam Book*.
- Kahneman, D. (2011). *Thinking fast and slow*. Penguin Books.

- Nhất Hạnh. (2013). *The art of communicating*. Rider Books.
- Peck, M. S. (2012). *The road less traveled: A new psychology of love, traditional values, and spiritual growth*. Touchstone.
- Pink, D. (2009). *Drive: The Surprising Truth About What Motivates Us*. Riverhead Hardcover.

Course Title: Computer Application
Course Code: BAT240

L	T	P	Cr.
1	0	0	1

Total Hours: 15

Course Learning Outcomes: After completion of this course, the learner will be able to:

1. Learn about basics of computers.
2. Understand the MS Word.
3. Explore the basics of Excel.
4. Know about the basics of Power Point.

Course Content

UNIT-I 6 hours

Basics of Computers: Definition of a computer; Characteristics and Applications of computers; Block Diagram of a Digital Computer; Classification of Computers based on size and working; Central Processing Unit; I/O Devices. Definition and Types of Operating system; MS-DOS; MS Windows; Desktop, Computer, Documents, Pictures, Music, Videos, Recycle Bin, Task Bar, Control Panel.

UNIT-II 3 hours

MS-Word: Features of MS-Word; MS-Word Window Components; Creating, Editing, Formatting and Printing of Documents; Headers and Footers; Insert/Draw Tables, Table Auto Format; Page Borders and Shading; Inserting Symbols, Shapes, Word Art, Page Numbers.

UNIT-III 3 hours

MS-PowerPoint: Features of PowerPoint; Creating a Blank Presentation; Creating a Presentation using a Template; Inserting and Deleting Slides in a Presentation; Adding Clip Art/Pictures; Inserting Other Objects, Audio, Video; Resizing and Scaling of an Object, Slide Translation; Custom Animation.

UNIT-IV 3 hours

MS-Excel: Overview of Excel Features; Creating a new worksheet, Selecting cells, Entering and editing Text, Numbers, Formulae, Referencing cells; Inserting Rows/Columns; Changing column widths and row heights, auto format, changing font sizes, colors, shading.

Transaction Mode

Lecture, Problem Solving, blended learning, Discussion & Demonstration, and Case Studies.

Suggested Readings

- *Fundamentals of Computers by Reema Thareja, Second Edition, Oxford University Press, India.*
- *Fundamentals of Information Technology Including Lab Work by Vinod Babu Bandari, Pearson Publishers.*
- *Microsoft Office 2010 Bible by John Walkenbeach, Herb Tyson, Michael R. Groh and FaitheWempen, Wiley Publishers.*

Course Title: Computer Application-Lab
Course Code: BAT241

L	T	P	Cr.
0	0	2	1

Total Hours: 30

1. Listening Skills

Essentials of Good Speaking, Difference between features of Speaking and Writing Different activities to improve Speaking skills

2. Speaking Skill

Reading aloud of dialogues, texts, poems, speeches focusing on intonation. Self-Introduction, Role plays on any two-situations. Telephonic Conversations.

3. Personality Development

Initiation Physical Appearance Audience PurposeL Interpersonal Skills
 Appropriate use of non-verbal skills in face-to-face communication [i.e. Viva –Voce, group –interviews, GDs and seminars.

4. Presenting in GD, Seminars and Conferences. Leadership Quality, Time Management. Achieving the target

Course Title: Human Growth and Development
Course Code: BAT236

L	T	P	Cr
2	0	0	2

Total Hours: 30

Course Outcomes: On the completion of the course the students will be able to

1. Summarize theoretical perspectives and stages of human development
2. Identify challenges and issues in various stages of human development
3. Critically analyze the challenges and issues in adolescence
4. Analyse the psychosocial changes among adults

Course Content

Unit-I

12 hours

Growth and Development: Concept, General principles of growth and development, characteristics of development, difference between growth and development Heredity and Environment. Role of heredity and environment during prenatal and infancy stage (Physical, Psychosocial, Cognitive and Linguistic).

Unit-II

12 hours

Childhood and Late Childhood: Development (Physical, Psychosocial, Cognitive and Linguistic), Challenges and issues. Role of Parents and Education in the development of during childhood.

Unit-III

11 hours

Development during Adolescence (Physical, Psychosocial, Cognitive and Linguistic). Challenges and issues in Adolescence. Role of Parents and Education in the development of during Adolescence.

Unit-IV

10 hours

Adulthood: Stages, Physical Changes, Cognitive changes, Psycho social changes. Old age: Physical Changes, Cognitive changes, Psycho social changes. Challenges and issues in aging process. Role of society during the period of Adulthood.

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, BrainStorming, Peer Teaching Demonstration, Project Based Learning, Team Teaching, Peer Feedback, Case Studies, Demonstration.

Suggested Readings

- *Dr. Ankita Singh (2022): Life Span Development Psychology; AavishkarPublishers, Distributors, Jaipur.*
- *Dr. Shashi Jain (2014): Introduction to Psychology, Kalyani Publishers.*
- *Hurlock, E. B. (2004): Developmental Psychology: A Life Span Approach (5thEd. New Delhi) Tata McGraw- Hill Publishing Co. Ltd.*
- *George Kaluger (1884): Human Development the Span of Life. Times MirrorMosby College Publishing: Toronto*
- *L. Joseph Stone & Joseph Church: Childhood and Adolescence. SecondEdition. Random House, New York.*

Course Title: Psychology Practical-II**Course Code: BAT248**

L	T	P	Cr.
0	0	2	1

Total Hours: 30

1. Parental Bonding
2. Academic achievement/Test Anxiety
3. Aggression

Suggested Readings

- Dr. Ankita Singh (2022): Life Span Development Psychology; Aavishkar Publishers, Distributors, Jaipur.
- Dr. Shashi Jain (2014): Introduction to Psychology, Kalyani Publishers.
- Hurlock, E. B. (2004): Developmental Psychology: A Life Span Approach (5th Ed. New Delhi) Tata McGraw- Hill Publishing Co. Ltd.
- George Kaluger (1884): Human Development the Span of Life. Times Mirror /Mosby College Publishing: Toronto
- L. Joseph Stone & Joseph Church: Childhood and Adolescence. Second Edition. Random House, New York.

Course Title: Punjabi Kahani ate Ikangi
(ਪੰਜਾਬੀ ਕਹਾਣੀ ਅਤੇ ਇਕਾਂਗੀ)

Course Code: BAT242

L	T	P	Cr.
4	0	0	4

Total Hours: 60

Course Learning Outcomes: ਇਸ ਕੋਰਸ ਨੂੰ ਪੂਰਾ ਕਰਨ ਉਪਰੰਤ ਵਿਦਿਆਰਥੀ:

1. ਪੰਜਾਬੀ ਕਹਾਣੀ ਨੂੰ ਸਮਝਣ ਦੇ ਸਮਰੱਥ ਹੋਣਗੇ।
2. ਸ਼ਬਦਬੰਤਰ ਅਤੇ ਸ਼ਬਦ ਰਚਨਾ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਨਗੇ।
3. ਇਕਾਂਗੀ ਦੇ ਲੇਖਕਾਂ ਤੇ ਰਚਨਾਵਾਂ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।
4. ਮੱਧਕਾਲੀ ਸਾਹਿਤ ਦੇ ਕਾਵਿ ਰੂਪ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਨਗੇ।

Course Content

ਭਾਗ-ੳ

15 hours

ਦੋ ਰੰਗ (ਕਹਾਣੀ ਭਾਗ) (ਸੰਪਾਦਕ: ਹਰਜਿੰਦਰ ਸਿੰਘ ਢਿੱਲੋਂ ਅਤੇ ਪ੍ਰੀਤਮ ਸਿੰਘ ਸਰਗੋਧੀਯਾਂ)
ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।

ਭਾਗ-ਅ

15 hours

ਸ਼ਬਦ ਬਣਤਰ ਅਤੇ ਸ਼ਬਦ ਰਚਨਾ: ਪਰਿਭਾਸ਼ਾ, ਮੁੱਢਲੇ ਸੰਕਲਪ, ਸ਼ਬਦ ਸ੍ਰੇਣੀਆਂ, ਨਾਂਵ, ਪੜਨਾਂਵ, ਕਿਰਿਆ, ਵਿਸ਼ੇਸ਼ਣ, ਸਬੰਧਕ, ਯੋਜਕ, ਵਿਸਮਕ

ਭਾਗ-ੲ

15 hours

ਇਕਾਂਗੀ ਯਾਤਰਾ (ਇਕਾਂਗੀ-ਸੰਗ੍ਰਿਹ) , ਸੰਪਾਡਾ. ਰਾਘਬੀਰ ਸਿੰਘ, ਤੇ ਡਾ. ਸਤੀਸ਼ ਕੁਮਾਰ ਵਰਮਾ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।

ਭਾਗ-ਸ

15 hours

ਮੱਧਕਾਲੀ ਸਾਹਿਤ ਦੇ ਰੂਪ (ਕਾਵਿ-ਰੂਪ): ਸ਼ਬਦ, ਸਲੋਕ, ਬਾਰਾਮਾਹ, ਅਲਾਹੁਣੀਆਂ, ਛੰਦ, ਕੀਰਨੇ,

ਪੁਸਤਕ ਸੂਚੀ

- ਬਲਦੇਵ ਸਿੰਘ ਧਾਲੀਵਾਲ, ਪੰਜਾਬੀ ਕਹਾਣੀ ਦਾ ਇਤਿਹਾਸ, ਪੰਜਾਬੀ ਅਕਾਦਮੀ, ਦਿੱਲੀ।
- ਬੂਟਾ ਸਿੰਘ ਬਰਾੜ, ਪੰਜਾਬੀ ਵਿਯਾਕਰਨ: ਸਿਧਾਂਤ ਤੇ ਵਿਹਾਰ, ਚੇਤਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ।

- ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾਂ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।
- ਗੁਰਦਿਆਲ ਸਿੰਘ ਫੁੱਲ, ਪੰਜਾਬੀ ਇੱਕਾਂਗੀ: ਸਰੂਪ ਸਿਧਾਂਤ ਤੇ ਵਿਕਾਸ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਜੋਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ ਅਤੇ ਹੋਰ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਯਾਕਰਨ: ਭਾਗ - I, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Course Title: History of Sikh Gurus and Culture in Punjab**Course Code: BAT243**

L	T	P	Cr.
4	0	0	4

Total Hours: 60

Course Learning Outcomes: After completion of this course, the learner will be able to:

1. Analyze the significant contributions and achievements of Guru Hargobind in shaping Sikhism, particularly in the context of militarization and political leadership.
2. Evaluate the writings of Guru Tegh Bahadur and Guru Gobind Singh to understand their literary, philosophical, and political significance.
3. Assess the significance of Sikh resistance movements in challenging oppressive regimes and upholding Sikh values of justice and sovereignty.
4. Examine the rich tradition of folk songs in Punjab and their role in preserving cultural heritage, oral history, and community identity.

Course Content**UNIT-I** **15 hours**

Contribution of Guru Hargobind and his achievements.

Life of Guru Har Rai, Guru Har Krishan

UNIT-II **15 hours**

Life and Martyrdom of Guru Teg Bahadur.

Life and Contribution of Guru Gobind Singh; Pre Khalsa-Period.

UNIT-III **15 hours**

Post Khalsa Period of Guru Gobind Singh.

Martyrdom of Banda Singh Bahadur and his Achievements.

UNIT-IV **15 hours**

Kissa Puran Bhagat, Kissa sassi Punnu.

Folk Song of the Punjab; Godhiya, Suhag, Alhuniea.

Transaction Mode Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Suggested Readings

- G.C. Narang, (1968), Transformation of Sikhism, New Book Society, (5th edition).
- Harbans Singh,(1992), (ed), The Encyclopedias of Sikhism, 4 Vols: Patiala, Punjabi University.

- J.S. Grewal and S.S. Bal,(1987), Guru Gobind Singh: Chandigarh, Panjab University.
- Louis E. Fenech, (2000), Martyrdom in the Sikh Tradition: Oxford, OUP.
- Teja Singh, (1938), Sikhism: Its Ideals and its Institutions: Bombay.
- W.H. McLeod, (1970), Evolution of the Sikh Community: Delhi, OUP.
- <https://www.dsgmc.in/DharmParchar/SriGuruHargobindSahibJi>.

Course Title: History of Medieval India**Course Code: BAT232**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

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

1. Evaluate the social and political conditions of India in 1000 A.D. along with the Mahmud Gahazni's and Muhammad Ghori's Invasions of India.
2. Understand the foundation, expansion and consolidation of the Delhi Sultanate with special focus on prominent dynasties like Ilbari Turks, Khaljis, and Tughlaqs,
3. Analyze the establishment of Mughal rule with the first battle of Panipat, along with the achievements of Humayun and the Religious and Rajput Policy of Akbar.
4. Know the Aurangzeb, his Deccan, religious and Rajput policy.

Course Content

UNIT-I**09 hours**

Political and Social conditions of India in 1000 A.D.

Mahmud Ghazni's Invasions, their causes and impact, Muhammad Ghori invasion of India, focus will be on First and Second Battle of Tarain.

UNIT-II**12 hours**

Foundation of Slave Dynasty with special reference to Qutb u- Din Aibak, Iltutmish, Razia Sultan and Balban.

Khalji and Tughlaq Dynasties, with focus on Jalalu Din Khilji, Alauddin Khilji, Ghiyasuddin Tughluq, Muhammad bin Tughluq and Firuz Shah Tughluq

UNIT-III**11 hours**

Foundation of Mughal rule: Babur and the First Battle of Panipat, causes and consequences, Achievements of Humayun.

Jalaluddin Akbar: Second battle of Panipat, Rajpute Policy, Religious Policy and Mansabdari System

UNIT-IV**13 hours**

Aurangzeb: His Religious policy, Deccan Policy and its impact on Mughal History.

Transaction Mode

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

Suggested Readings:

- Chandra, S. (2007). *A History of Medieval India*. New Delhi: Orient BlackSwan
- Sen, S. N. (2013). *A Textbook of Medieval Indian History*. Oxford University Press. *Ratna Sagar*.
- Habib, I. (2003). *Medieval India: From Sultanate to the Mughals (1526-1748)*. Aligarh Book Society.
- Sarkar, J. (1984). *History of Aurangzeb*. New Delhi: Orient Longman.
- Richards, J. F. (1993). *The Mughal Empire*. Cambridge University Press.
- Banerjee, J. (1989). *Delhi Sultanate (Vol. 1)*. Gyan Books.
- Elliot, H. M., & Dowson, J. (1867-1877). *The History of India, as Told by Its Own Historians: The Muhammadan Period (Vols. 1-8)*. London: Trübner & Co.
- Habib, I. (1992). *The Agrarian System of Mughal India (1556-1707)*. Oxford University Press. (While this focuses on the Mughals, it provides valuable context for the agrarian systems established during the Delhi Sultanate)
- Jackson, P. (1999). *The Delhi Sultanate: A Political and Military History*. Cambridge University Press.
- Siddiqi, I. H. (1980). *Delhi Sultanate in India: A Political and Cultural History (1st ed.)*. Oxford University Press.

Course Title: Basics of Public Administration
Maximum
Course Code: BAT249

L	T	P	Cr
3	0	0	3

Total Hours: 45

Course Learning Outcome: After completion of this course, the learner will be able to:

1. Define public administration and explain its significance in the context of government and society.
2. Develop essential public management skills such as strategic planning, human resource management, and financial management.
3. Understand the principles and processes of public budgeting, including budget preparation, approval, execution, and auditing.
4. Assess the effectiveness and efficiency of public service delivery and explore methods for quality improvement.

Course Content

Unit 1 **12 Hours**

Theories of Organization: Scientific Management Theory (F.W.Taylor), Classical (Henry Fayol, Luther Gulick, M.P.Follet, Mooney and Reiley) and Bureaucratic (MaxWeber).

Unit II

Personnel Administration: **12 hours**

Meaning; Nature and Significance. Elements of Personnel Administration: Recruitment, Training/ Capacity Building, Promotion, Motivation and Morale.

Unit III Budget: **10 hours**

Budget and its Principles, Preparation and Enactment of Budget. Public Funds: Accounting and Auditing. Financial Control: Parliamentary (Parliament and its committees) and Executive Control.

Unit IV Meaning and Significance of followings: **11 hours**

- I. AdministrativeLaw.
- II. DelegatedLegislation.
- III. AdministrativeTribunal.
- IV. PublicPolicy.

TransactionMode

- Lecture, Group Discussion, Quiz, OpenTalk, Self-study, Assignment

Suggested Readings

- Jay, M., J. Steven O., & Yong, S. J. (2015). *Classics of Organization Theory*. Boston: Cengage Learning.
- Frederickson, H. George, et al. (2018). *The Public Administration Theory Primer*. New York: Routledge.
- Gueras, D., & Charles G. (2010). *Practical Ethics in Public Administration*. Barrett Koehler Publishers.
- Kraft, M. E., & Scott, R. F. (2019). *Public Policy: Politics, Analysis, and Alternatives*. Cooper Press.
- Mandal, U. C. (2006). *Public Administration: Principles and Practices*. Sarup & Sons, Delhi.
- Durant, Robert F. (2012). *Debating Public Administration: Management Challenges, Choices, and Opportunities*. New York: Routledge.

Course Title: Modern Principles of Political Theory**Course Code: BAT231**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Course Learning Outcomes**

On the completion of the course the learner 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, Liberty, Individuality, Democracy and Justice.
3. Compare Political Culture with Political Socialization.
4. Categorize fundamental rights, duties and directive principle of state policy insocial life.

Course Content**Unit I****13 hours**

- Modern Political System: Meaning, characteristics and Functions of Political System (David Easton & Almond)
- Political Culture: Meaning, Characteristics and Types.
- Political Socialization: Meaning, characteristics & agencies.

Unit II**12 hours**

- Democracy: Meaning, features, & types.
- Citizenship: Meaning, Nature, Characteristics and Types. How to get or lost the citizenship.
- Universal Declaration of Human Rights.

Unit III**10 hours**

- Welfare State: Concept, Features and Functions.
- Socialist Perspective: Main Characteristics and Functions

Unit IV**10 hours**

- Liberal Perspective: Main Characteristics and Functions
- Social Change: Meaning and Characterstics, Determinants of Social Change

Transaction Mode

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

SUGGESTED READINGS

- 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
- 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.
- Carnoy, Martin (2014). The state and political theory. Princeton university press.

Course Title: Calculus and Differential Equations**Course Code: BAT234**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcomes: On completion of this course, the successful learner 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.

Course Content

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, center 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**

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,

Suggested Readings

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

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

SEMESTER -III**Course Title: Psychological Research: Quantitative Approaches****Course Code: BSY301**

L	T	P	Credits
4	0	0	4

Total Hours: 60**Course Outcomes**

On the completion of the course the students will be able to

- introduce the major paradigms of research and their impact on the nature of research in Psychology.
- explain the key differences between the quantitative and qualitative traditions of research in psychology.
- present the essential considerations of design, rigour and ethics of research in Psychology.
- introduce the process, designs and techniques of data analysis in the quantitative research Tradition

Course Content**Unit-I****16 Hours**

Introduction to psychological research and its goals

Paradigms: Positivist, Post-positivist, Critical, Constructivist and Participatory

Traditions: Quantitative and Qualitative research (overview and differences)

Standards of good research in quantitative and qualitative traditions; Reflexivity in research.

Unit-II**15 Hours**

Research Problem, Literature Review, hypothesis, data collection, data analysis, results, concepts to variables, types of variables in psychological research

Experimental Method: Causality versus correlation, Laboratory experiments and field experiments, Single-Group, True experimental and quasi-experimental design, Matching and Random assignment of subjects, Within-subject design, Between subject design, Pre and Post designs, Factorial designs.

Unit-III**14 Hours**

Sampling: Defining Population and Sample, Sampling bias (Sampling error and non-sampling error), Types of Probability and Non-probability sampling, Theoretical v/s Statistical Sampling; Rule of thumb in the selection of samples sizes in Qualitative and Quantitative Research.

Reason, Process and Critical Analysis; Ethics in Quantitative and Qualitative research traditions.

Unit-IV

15 Hours

Social Psychology of Experiments; Survey Research: The logic of survey, Types of survey, Designing a survey questionnaire.

Practical

Construction of Tool.

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching.

Suggested Readings

- Binod K. Sahu: Statistics in Psychology & Education, Kalyani Publishers.
- Kate Miriam Loewenthal: An introduction to Psychological Tests and Scales, SRoyal Holloway: University of London.
- Shashi Jain (2014): Introduction to Psychology, Kalyani Publishers.
- Sandhya, K.P. (2013): General Psychology. New Delhi, Anmol Publication.
- Harze & Moghaddam (2012): Psychology for the third Millennium. New Delhi, Sage Publications.

Course Title: Prose and Poetry in English Language**Course Code: BAT356**

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. Analyse diverse perspectives on social issues, cultural critiques and human rights through selected texts.
2. Improve grammatical and syntactical skills of language.
3. Critically analyse and interpret the themes of choice, nature and the power of imagination in selected poetic pieces.
4. Improve chances of employability, vocabulary and illustrative expression.

Course Content

UNIT-I

16 hours

• 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

• 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

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

UNIT-IV

11 hours

- Writing skills
- Report Writing
- Applications: Commercial
- Essays

TRANSACTION MODE-

Brain Storming, Quiz, Group Discussion, Open Talk.

SUGGESTED READINGS:

- Wilfred D. *The Student's Companion*. The Pearson Education, 1983.
- Eastwood, John. *Oxford Practice Grammar*. OUP, 2004.
- *The Poetic Palette*. Orient Blackswan, 2013.
- *Prose Parables*. Orient Blackswan, 2013.

Course Title: Sociology of Health**Course Code: BAT320**

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 sociological perspective on health and illness.
2. Describe the major sociological theories in healthcare.
3. Analyze the historical development of medical sociology.
4. Identify and explain the social determinants of health.

Course Content

UNIT-I **12 hours**

Introduction to medical sociology, Sociological theories in healthcare, disparities and inequalities, Socio- economic status and health.

UNIT-II **12 hours**

Role of healthcare institutions in society, Medicalization and social construction of illness, Culture, Gender, and Race in Healthcare, Cultural competence in healthcare, Gender, Racial disparities in healthcare

UNIT-III **12 hours**

Socialization and Practices in Healthcare, Socialization into healthcare professions,

UNIT-IV **09 hours**

Addressing Contemporary Health Challenges, Global health issues and challenges, Mental health and stigma, Emerging healthcare trends

SUGGESTED READINGS:

- *Textbook: "Medical Ethics: Accounts of Ground-Breaking Cases" by Gregory Pence.*
- *Article: Haug, M. R., & Lavin, B. (1983). The Professionalization of Everyone? American Journal of Sociology, 88(5), 856-875.*
- *Book Chapter: Saks, M. (2009). Medicalization, Professionalization and the Transformation of Symptoms into Medical Disorders. In The Sociology of Healthcare Safety and Quality (pp. 25-46). Springer.*
- *Text Book: Sociology of Health and Medicine by Madhu Nagala*

Course Title: Listening and Speaking Skills- English**Course Code: BAT321**

L	T	P	Cr
1	0	0	1

Total Hours: 15

Course Learning Outcomes: After completion of this course, the learner 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**3 hours**

- Principles of effective listening
- Purpose of Listening
- Listening to Conversation (Formal and Informal)
- Benefits of Effective Listening
- Barriers to Listening

UNIT-III**4 hours**

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

UNIT-IV**4 hours**

Public 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:

- Adair, John. *Effective Communication*. Pan Macmillan Ltd., 2003.
- Hasson, Gill. *Brilliant Communication Skills*. Pearson Education, 2012.

- Burley-Allen, Madelyn. *Listening: The Forgotten Skill: A Self-Teaching Guide*. John Wiley & Sons, 1995.
- Adler, Ronald B., et al. *Understanding Human Communication*. 13th ed., Oxford University Press, 2018.
- DeVito, Joseph A. *The Interpersonal Communication Book*. 15th ed., Pearson, 2018.
- *The Essential Elements of Public Speaking*. 6th ed., Pearson, 2018.
- Roach, Peter. *English Phonetics and Phonology: A Practical Course*. 4th ed., Cambridge University Press, 2009.

Course Title: Listening and Speaking Skills- English (Lab)

Course Code: BAT357

L	T	P	Cr
0	0	2	1

Total Hours: 30

1. Listening Skills

Essentials of Good Speaking, Difference between features of Speaking and Writing Different activities to improve Speaking skills.

2. Speaking Skill

Reading aloud of dialogues, texts, poems, speeches focusing on intonation. • Self-introduction • Role plays on any two-situations. • Telephonic Conversations.

3. Personality Development

Initiation Physical Appearance Audience Purpose 4. Interpersonal Skills • Appropriate use of non-verbal skills in face-to-face communication [i.e. Viva –Voce, group –interviews, GDs and seminars.]

4. Presenting in GD

Seminars and Conferences. • Leadership Quality • Time Management Achieving the target

Course Title: Psychology of Individual Differences**Course Code: BAT335**

L	T	P	Credits
2	0	0	2

Total hours: 30**Course Outcomes:**

On the completion of the course the students will be able to

1. Justify the causes of individual differences among individuals
2. Enhance the understanding of different methods and techniques for the assessment of personality
3. Critically analyse the factors affecting intelligence
4. Summarize the factors affecting memory

Course Content**Unit-I****8 hours**

Individual Differences: Meaning and Types, Characteristics, Role of Environment as Determinants of Individual Differences.

Unit-II**8 hours**

Personality; Nature and Characteristics, Determinants (Biological and Socio Cultural) Theories: Freud, Allport, Eysenck; Assessment of Personality.

Unit-III**7 hours**

Thinking and Reasoning: Concept, Process, Categories and prototypes Schemas and scripts, imagery and cognitive maps.

Inductive and deductive reasoning, problem solving approaches, solution Strategies and mental sets.

Intelligence: Nature, Types and Determinants, Factors affecting intelligence, Constancy of I.Q. Theories: Spearman, Guilford and Turnstone.

Unit-IV**7 hours**

Memory: Nature, Process of Memory, Determinants of Memory, Levels of Processing, Measures of Memory, Mnemonics.

Forgetting; Causes of Forgetting: Decay, Interference, retrieval failure motivated forgetting and amnesia.

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching.

Suggested Readings

- *Dr. Ankita Singh (2022): Life Span Development Psychology; Aavishkar Publishers, Distributors, Jaipur.*

- *Dr. Shashi Jain (2014): Introduction to Psychology, Kalyani Publishers.*
- *Sandhya, K.P. (2013): General Psychology. New Delhi, Anmol Publication.*
- *Harze&Moghaddam (2012): Psychology for the third Millennium. New Delhi, Sage Publications.*
- *Singh, D. (2000): Emotional Intelligence at work. New Delhi: Sage.*

PRACTICAL

1. Span of Attention
2. Performance Test of Intelligence
3. Level of Aspiration
4. Personality Inventory (EPI)

Course Title: Psychology Practical-3**Course Code: BAT345**

L	T	P	Cr
0	0	2	1

Total Hours 30

1. Personality
2. Memory
3. Intelligence

Suggested Readings

- Dr. Ankita Singh (2022): Life Span Development Psychology; Aavishkar Publishers, Distributors, Jaipur.
- Dr. Shashi Jain (2014): Introduction to Psychology, Kalyani Publishers.
- Sandhya, K.P. (2013): General Psychology. New Delhi, Anmol Publication.
- Harze & Moghaddam (2012): Psychology for the third Millennium. New Delhi, Sage Publications.
- Singh, D. (2000): Emotional Intelligence at work. New Delhi: Sage.

Course Title: Punjabi Vartak te Natak (ਪੰਜਾਬੀ ਵਾਰਤਕ ਤੇ ਨਾਟਕ)**Course Code: BAT340**

L	T	P	Cr
4	0	0	4

Total Hours: 60

ਇਸ ਕੋਰਸ ਨੂੰ ਪੂਰਾ ਕਰਨ ਉਪਰੰਤ ਵਿਦਿਆਰਥੀ ਹੇਠ ਲਿਖੀਆਂ ਯੋਗਤਾਵਾਂ ਹਾਸਲ ਕਰਨਗੇ:

- ਵਾਰਤਕ ਸਾਹਿਤ ਬਾਰੇ ਵਿਸਤ੍ਰਿਤ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।
- ਵਿਆਕਰਨ ਦੀਆਂ ਇਕਾਈਆਂ ਨੂੰ ਸਮਝਣ ਅਤੇ ਵਰਤਣ ਦੇ ਸਮਰੱਥ ਹੋਣਗੇ।
- ਨਾਟਕ ਅਤੇ ਇਕਾਂਗੀ ਸਾਹਿਤ ਦੇ ਅੰਤਰ ਨੂੰ ਗਹਿਰਾਈ ਨਾਲ ਸਮਝਣਗੇ।
- ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਵਾਰਤਕ ਸਾਹਿਤ ਦੇ ਰੂਪਾਂ ਦੀ ਗਹਿਰਾਈ ਨਾਲ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਨਗੇ।

Course Content

ਭਾਗ-ੳ

15 hours

ਵਾਰਤਕ ਵਿਵੇਕ (ਸਮਕਾਲੀ ਪੰਜਾਬੀ ਵਾਰਤਕ ਸੰਗ੍ਰਿਹ)

ਸੰਪਾਦਕ: ਰਾਜਿੰਦਰਪਾਲ ਸਿੰਘ ਬਰਾੜ ਅਤੇ ਜਗਤਾਰ ਸਿੰਘ ਜੱਗਾ

ਪ੍ਰਕਾਸ਼ਕ: ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

ਭਾਗ-ਅ

15 hours

ਮੂਲ ਵਿਆਕਰਨ ਇਕਾਈਆਂ: ਭਾਸ਼ਾ ਅਤੇ ਵਰਗੀਕਰਨ (ਭਾਵੰਸ਼, ਸ਼ਬਦ, ਵਾਕੰਸ਼, ਉਪਵਾਕ ਅਤੇ ਵਾਕ)

ਭਾਗ-ੲ

15 hours

ਨਾਟਕ: ਝਨਾ ਦੇ ਪਾਣੀ (ਅਜਮੇਰ ਸਿੰਘ ਐਲੋਖ)

ਭਾਗ-ਸ

15 hours

ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਸਾਹਿਤ ਰੂਪ (ਵਾਰਤਕ) ਨਿਬੰਧ, ਜੀਵਨੀ, ਸਵੈ-ਜੀਵਨੀ, ਰੇਖਾ ਚਿੱਤਰ, ਖ਼ਤ, ਡਾਇਰੀ ਆਦਿ।

ਪੁਸਤਕ ਸੂਚੀ

- a) ਜੀਤ ਸਿੰਘ ਸ਼ੀਤਲ, ਵਾਰਤਕ ਤੇ ਵਾਰਤਕ ਸ਼ੈਲੀ, ਪੰਜਾਬੀ ਸਟੇਟ ਯੂਨੀਵਰਸਿਟੀ ਟੈਕਸਟਬੁੱਕ ਬੋਰਡ, ਚੰਡੀਗੜ੍ਹ।
- b) ਸਤੀਸ਼ ਕੁਮਾਰ ਵਰਮਾ, ਪੰਜਾਬੀ ਨਾਟਕ ਦਾ ਇਤਿਹਾਸ, ਪੰਜਾਬੀ ਅਕਾਦਮੀ, ਦਿੱਲੀ।
- c) ਬੂਟਾ ਸਿੰਘ ਬਰਾੜ, ਪੰਜਾਬੀ ਵਿਆਕਰਨ: ਸਿਧਾਂਤ ਤੇ ਵਿਹਾਰ, ਚੇਤਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ।

- d) ਰਾਜਿੰਦਰਪਾਲ ਸਿੰਘ ਬਰਾੜ, ਜਗਤਾਰ ਸਿੰਘ ਜੋਗਾ (ਸੰਪਾਦਕ), ਵਾਰਤਕ ਵਿਵੇਕ (ਸਮਕਾਲੀ ਪੰਜਾਬੀ ਵਾਰਤਕ ਸੰਗ੍ਰਿਹ), ਪ੍ਰਕਾਸ਼ਕ: ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- e) ਜੋਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ ਅਤੇ ਹੋਰ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਅਕਰਨ

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Course Title: Sikh Struggle during Mughal Period and Culture of Punjab**Course Code: BAT341**

L	T	P	Cr
4	0	0	4

Total Hours: 60

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

1. Analyze the socio-political dynamics during the rule of Abdus Samad Khan, Zakariya Khan, Yahiya Khan, and Mir Manu in Punjab.
2. Analyze the central, provincial, and local administrative structures implemented by Maharaja Ranjit Singh, including land revenue policies.
3. Examine the role of heritage, oral history, and community identity in mobilizing Sikh forces and resilience during the Anglo-Sikh conflicts.
4. Examine the significance of traditional dress and jewelry in Punjab and their role in expressing cultural identity.

Course content**UNIT-I****15 hours**

Punjab under the Abdus Samad Khan, Zakariya Khan, Yahiya Khan
Martyrdoms of Bhai Mani Singh, Mehtab Singh, Bhai Taru Singh, Bhai Bota Singh

UNIT-II**15 hours**

Punjab under the Mir Manu, Rise of Sikh Misl; Nature and Administration.

UNIT-III**15 hours**

Maharaja Ranjit Singh; Conquest of Lahore, Multan. Administration of Maharaja Ranjit Singh; central Administration, Provincial Administration, Local Administration and Land Revenue

UNIT-IV**15 hours**

Riddle of Punjab
Dress and Jewelry of Punjab

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Suggested Readings

- Patwant Singh, (2008), Empire of the Sikhs: The Life and Times of Maharaja Ranjit Singh. Peter Owen.

- Jean Marie Lafont,(2002), Maharaja Ranjit Singh: Lord of the Five Rivers. Oxford University Press.
- Khushwant Singh, (2008), Ranjit Singh. Penguin Books.
- Atwal, Priya, (2020), Royals and Rebels. Oxford University Press.
- Bhatia, Sardar Singh, "Mahitab Kaur (d, 1813)". In Singh, Harbans (ed.). The Encyclopedia of Sikhism. Vol. III M–R (3rd ed.). Punjabi University Patiala, 2011.
- Khushwant Singh, (2008),Ranjit Singh. Penguin Books.
- <https://sikhya.co.in/abdus-samad-khan-zakariya-khan-and-mir-manu-their-relations-with-the-sikhs/>
- <https://www.sikhmissionarysociety.org/sms/smsarticles/sikhmartyrs/>
- <https://www.sikhnet.com/news/brutality-mir-mannu-clay-creators-hand>
- <https://pwonlyias.com/the-rise-of-sikhs-1799-1849/>

Course Title: History of Modern India**Course Code: BAT331**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

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

1. Analyse the circumstances of downfall of Mughal Dynasty and the beginning of British Rule in India
2. Understand the causes of 1857 uprising and the formation of several socio-political movements during the British period.
3. Evaluate the various policies of British Govt. in relation with the agrarian system of India.
4. Discuss the various political movements started by the Gandhi and other freedom fighters of India

Course Content

UNIT-I**09 hours**

Cause of the downfall of Mughal Empire.

Battle of Plassy and Buxer, causes and Consequences, Administrative and Social reforms of Lord Cornwallis, William Bentinck and Lord Dalhousie.

UNIT-II**13 hours**

The uprising of 1857: Causes, results and reasons for its failure.

Social-Culture Movements: Brahma Samaj, Arya Samaj, Singh Sabha Movement.

UNIT-III**11 hours**

British Economic Policy in Indian Agriculture system, Permanent System, Ryotwari System and Mahalwari System.

Formation of Indian National Congress: its objectives, Moderates and Extremists.

UNIT-IV**12 hours**

Emergence of Gandhi: Concept of Satyagraha, Non-Cooperation Movement, Khilafat Movement, Civil-Disobedience Movement, and Quit India Movement, Independence and Partition of India.

Suggested Readings:

- Chandra, S. (2007). *History of Modern India*. Oxford University Press.
- Sen, S. N. (2013). *A Textbook of Modern Indian History*. Ratna Sagar.
- Habib, I. (2003). *Modern India: From the Mughals to the Present*. Aligarh Book Society.

- Richards, J. F. (1993). *The Mughal Empire*. Cambridge University Press.
- Sarkar, J. (1984). *History of Modern India*. Orient Longman.
- Ramachandra Guha. (2008) *India after Gandhi: The History of the World's Largest Democracy*. New Delhi: Penguin Random House.
- Sumit Sarkar(2002) *Freedom Struggle in India*. New Delhi: Oxford University Press.
- Barbara Metcalf & Thomas Metcal (2006) *A Concise History of Modern India*. New Delhi: Oxford University Press.
- H. V. Lloyd(2007). *The Partition of India: Policies and Perspectives, 1935-1947* London: Cambridge University Press.
- John Keay (2004) *India's Wars: A Military History 1600-2000* New Delhi: HarperCollins Publishers India.

Course Title: Personal Administration**Course Code: BAT346**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcome: After completion of this course, the learner will be able to:

- Define human resource management and understand its significance within public administration.
- Describe the historical development of HRM and its evolution over time.
- Identify and explain major theories and concepts in HRM, such as motivation, job satisfaction, and organizational behavior.
- Understand the core functions of HRM, including recruitment, selection, training, development, and compensation.

Course Content

Unit I Personnel Administration 10 hours

- Personnel Administration-Meaning, Nature, Scope
- Significance Concept and Types of Bureaucracy
- Role in Democratic System

Unit II Classification of Services- 15 hours

- Classification of Services-Position and Rank Classification Recruitment
- Training and Promotion

Unit III Service Conditions and Discipline Performance 10 hours

- Promotion and Principles and Importance,
- Emerging Problems in Personnel Administration.

Unit: -IV Role of Civil Service in Developing Societies 10 hours

- Role of Civil Service in Developing Societies
- U.P.S.C and S.P.S.C
- Employee and Employer Relationship

Transaction Mode

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

Suggested Readings

- *Stahl O. (1975). Glenn Public Personnel Administration Oxford & IBH, New Delhi.*
- *Goel, S.L. (1984). Public Personnel Administration, Sterling, New Delhi.*
- *Varma, S.P. & Sharma, S.K. (1985). Managing Public Personnel Systems II, AP, New Delhi.*

- *Nigro (1963). Public Personal Administration, Holf, New York.*
- *Avasthi & Maheswari (2010). Public Administration, Lakshmi Narayana Agarwal, Agra.*
- *Sharan, P. (1981). Modern Public Administration, Meenakshi Prakashan, New Delhi.*
- *Singh Hoshiar and Singh Mahender (1989). Public Administration in India Theory and Practice, Sterling, New Delhi.*
- *Krishna K. Thummala. Public Administration in India.*
- *Ramesh K. Arora and Rajani Goyal (1996). Indian Public Administration ñ Institutions and Issues, WishwaPrakashan, New Delhi. -23-*

Course Title: Development of Indian Constitution
Course Code: BAT330

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcomes: On the completion of the course the learner 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 14 hours

1. Government of India Act 1773-1919: Main features with special emphasis on Dyarchy.
2. Legacies of Government of India Act, 1935-1947
3. Constituent Assembly Debates

Unit II 13 hours

4. Preamble and its Objective
5. Basic Features of India's Constitution
6. Indian Federalism: Features and Working

Unit III 10 hours

7. State Legislative: Composition, Power & Position
8. Chief Minister: Appointment, Power and Functions

Unit IV 8 hours

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

Transaction Mode

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

SUGGESTED READINGS

- Austin, G. (1999). *The Indian Constitution: Cornerstone of A Nation*. Oxford University Press.
- *Basu, D. D. (2009). *Introduction to the Constitution of India (20th ed.)*. LexisNexis Butterworths.
- Baxi, U. (2008). *The Indian Constitution: Some preliminary notes*. Universal Law Publishing Co.

- Chatterjee, P. (2004). *The Politics of The Governed: Reflections On Popular Politics In Most Of The World*. Columbia University Press.
- *Constitutional Assembly Debates (1946-1949)*. (1989). Lok Sabha Secretariat.
- Dhavan, R. (2016). *The Indian Constitution: A Casebook*. Oxford University Press.
- Guha, R. (2008). *India after Gandhi: The History of the World's Largest Democracy*. Harper Perennial.
- *Jain, M. P. (2015). *Outlines of Indian Legal and Constitutional History*. LexisNexis Butterworths.
- *Khanna, H. K. (2012). *Making of India's Constitution*. Eastern Book Company.
- Koul, B. L. (2005). *Constitutional Provisions for Scheduled Castes and Scheduled Tribes in India: A critical appraisal*. Deep & Deep Publications.
- Krishnamachari, S. (2006). *The Working of Indian Constitution*. Universal Law Publishing Co.
- Lal, V. (2012). *India's Constitution in the Making*. Oxford University Press.
- Mukherjee, M. (2017). *Vision of Indian Constitution: An Overview of Indian Constitution and its Functional Aspects*. Authorspress.
- Shiva Rao, B. (2004). *The Framing of India's Constitution: A study*. Indian Institute of Public Administration.
- Subramanian, L. (2016). *Constitutional Amendment in India: A Comparative Perspective*. Oxford University Press.

Course Title: Linear Algebra**Course Code: BAT333**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcomes: On completion of this course, the successful learner 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

Course Content

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**

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**12 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**11 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 Factorization Domain, Euclidean rings.

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

Suggested Readings

- *Friedberg, Stephen H., Insel, Arnold J., & Spence, Lawrence E. (2003). Linear Algebra (4th ed.). Prentice-Hall of India Pvt. Ltd. New Delhi.*
- *Hadley, G, (2002), Linear Algebra, Narosa Publishing House, New Delhi.*
- *Hoffman and Kunze, (1972), Linear Algebra, Prentice Hall of India, New Delhi.*
- *H. Helson, (1994), Linear Algebra, Hindustan Book Agency, New Delhi.*
- *Dutta, K. B. (2004), Matrix and Linear Algebra, Prentice Hall of India.*
- *S. Lang, (1987), Linear Algebra, Springer.*
- *Suggested digital platform: NPTEL/SWAYAM/MOOCs.*
- *J. B. Fraleigh, (2003), A first course in Abstract Algebra, Addison-Wiley.*
- *I. N. Herstein, (2006), Topics in Algebra, John Wiley & Sons.*
- *Thomas W Hungerford, (1990), Abstract Algebra–An Introduction, Saunders College Publishing.*
- *Joseph A Gallian, (2016), Contemporary Abstract Algebra, Brooks/Cole Cengage Learning.*
- *V. K. Khanna and S. K. Bhambri, (2014), A course in Abstract Algebra, Vikas Publishing House Pvt (Ltd).*
- *Robert J.T Bell, (1923), An Elementary Treatise on Coordinate Geometry of three dimensions, Macmillan India Ltd.*
- *Suggested digital platform: NPTEL/SWAYAM/MOOCs.*
- *P.R. Vittal, (2013), Analytical Geometry, 2d & 3D, Pearson.*
- *S.L. Loney, (2018), The Elements of Coordinate Geometry, McMillan and Company, London.*
- *Suggested digital platform: NPTEL/SWAYAM/MOOCs.*

Course Title: Women in Modern Indian History

Course Code: OEC033

L	T	P	Cr.
2	0	0	2

Total Hours: 30

Learning Outcomes: On completion of this course, the Learner should be able to:

1. Analyze the evolving social, political, and economic roles of women in modern India.
2. Evaluate the impact of feminist movements and key figures on women's rights in India.
3. Critically examine primary and secondary sources to understand women's experiences in modern India.
4. Articulate the complexities of women's experiences in modern India, considering factors like caste, class, religion, and region.

Course Content

UNIT-I

7 Hours

Sources of women's History in India; Approaches of Gender Studies, Indian Social Order and Women.

UNIT-II

6 Hours

Women under Colonialism: Conditions in Pre-Colonial Period, Awakening among Women – Modern Education, New Opportunities and New Social Order.

UNIT-III

7 Hours

The British Social Policy: Measures against Social Evils; Change in Legal Status: Grant of Civil and Property Rights, Reform Movements and Women: Brahmo Samaj; Arya Samaj; Satya Shodhak Samaj; Prarthana Samaj; Aligarh Movement; Depressed Class Movement.

UNIT-IV

10 Hours

Women, Mass Movements and 'Liberation': Gandhian Movements; Revolutionary Movement; Left and Working-Class Movements, Rise of Feminist Movement: Founding of All India Women's Conference, Role of Women Pioneers; Indian Constitution and Gender Justice; Social Legislation for Women– Hindu Code Bill and its corollary Acts

Transaction Mode

Lectures, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Suggested Readings:

- Caplan, P. (2005). *Gender, violence & sexuality in colonial India*. Routledge.
- Chakravarti, U. (2003). *Gendering modernity: Feminist writings in India, 1880s-1940s*. Oxford University Press.
- Chatterjee, P. (1989). *Representing the other: A review of studies on women in India*.
- Colpaert, H. (2002). *The Indian women's movement: A historical dictionary*. Greenwood Publishing Group.
- Kumar, A. (1994). *History of doing gender in India, 1800-1900*. Permanent Black.
- Lal, A. (1998). *Occupation and gender: Exploring gendered divisions in the Indian economy*. Oxford University Press.
- Liddon, M. (2015). *Governing mothers: Political authority and the lives of women in India*. Oxford University Press.
- Mani, L. (1999). *Contentious traditions: Revisioning pasts*. Oxford University Press.
- Mehta, A. (2001). *Rethinking Indian women: Views from history*. Sage Publications.
- Ray, R. (2009). *Women in India's struggle for freedom*. Oxford University Press.

SEMESTER-IV**Course Title: Understanding Psychological Disorders****Course Code: BSY401**

L	T	P	Credits
3	0	0	3

Total Hours: 45**Course Outcomes**

On the completion of the course the students will be able to

- Identify the issues in diagnosis and classification of abnormality
- outline various strategies to manage various mental disorders
- explore the interventions for mood disorders
- critically analyse the clinical picture of various personality disorders

Course Content**Unit-I****16 Hours**

Understanding Abnormality: Issues in defining Normality and Abnormality; Issues in diagnosis and classification; Nature of Clinical Assessment
Insight oriented explanations and interventions: Psychoanalytic perspective – Conversion disorder, OCD, Dissociative disorder; Humanistic and Existential perspective – Application in case of crises intervention

Unit-II**14 Hours**

Clinical features and etiology of Disorders I: Anxiety disorders (any 2 disorders); Somatoform disorders – Hypochondriasis and Conversion disorders

Unit-III**14 Hours**

Biological etiology-explanations and interventions for Mood Disorders. Clinical Picture of: Mood disorders; Eating disorders; Sexual disorders: Gender Identity Disorder

Unit-IV**16 Hours**

Clinical features: Schizophrenia; Application in case of mood disorders and schizophrenia. Personality Disorder (any one); Borderline Personality Disorder /Anti-Social Personality Disorders; Disorders of Development (any two): Learning disorder/ Mental Retardation, ADHD/ Autism

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching.

Suggested Readings

Bennett, P. (2006). *Abnormal and Clinical Psychology: An introductory textbook*. New York: Open University Press.

Brewer, K. (2001). *Clinical Psychology*. Oxford: Heinemann Educational Publishers

Carson, R.C., Butcher, J.N., Mineka, S. & Hooley, J.M. (2008). *Abnormal Psychology*. New Delhi: Pearson.

David Barlow H. & Durand V. Mark, 7th Edition, e-book (2013) *Abnormal Psychology: Cengage Learning India Edition*

Kearney, C. A. & Trull, T. J. (2012). *Abnormal Psychology and Life: A dimensional approach*. New Delhi: Cengage learning

Course Name: English Literature and Language Skills**Course Code: BAT455**

L	T	P	Cr
4	0	0	4

Total Hours: 60

Course Learning Outcomes: After completion of this course, the learner will be able to:

1. Critically analyse and interpret the themes of civilization versus savagery, leadership, human nature and social breakdown in the selected text.
2. Improve grammatical and syntactical skills.
3. Learn to comprehend unseen passages and poems from a critical standpoint.
4. Improve precision of vocabulary and linguistic utility.

Course Content

UNIT-I **14 hours**

1. William Golding- *Lord of the Flies*

UNIT-II **17 hours**

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

UNIT-III **16 hours**

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

UNIT-IV **11 hours**

5. Vocabulary:
 - Synonyms
 - Proverb

TRANSACTION MODE- Brain Storming, Quiz, Group Discussion, Open Talk.

SUGGESTED READINGS:

- Wilfred D. *The Student's Companion*. The Pearson Education, 1983.
- Eastwood, John. *Oxford Practice Grammar*. OUP, 2004.
- Roget, Peter Mark. *Roget's Thesaurus of English Words and Phrases*. Penguin, 2014.
- Mieder, Wolfgang, et al. *A Dictionary of American Proverbs*. Oxford University Press, 1992.
- Golding, William. *Lord of the Flies*. Penguin Books, 1954.
- Harris, Sandra. *Unlocking the Text: A Reading Skills Handbook*. Cambridge University Press, 2008.

Course Name: Introduction to Human Rights and Duties

L	T	P	Cr
2	0	0	2

Course Code: BAT436**Total Hours: 30**

Course Learning Outcomes: On the completion of the course the students will be able to

1. Analyse issues and problems relating to the realization of human rights.
2. Evaluate strengthen the ability to contribute to the resolution of human rights issues and problems.
3. Apply the Environmental duties in the society as well as country.
4. Design the investigative and analytical skills.

Course Content

Unit I**5 hours**

Human Rights: Meaning, Nature, scope and Importance of Human Rights

Unit II**6 hours**

International Institutions: UN High Commission for Human Rights, International Covenant on Civil and Political Rights (ICCPR) (1966),

Unit III**10 hours**

Women Rights, Children-Disabled-(Elder word deleted} Senior Citizen Rights, Minorities Rights

Unit IV**9 hours**

Politics on Human Rights: Develop V/s Developing Countries, Role of Civil Society and NGO'S.

SUGGESTED READINGS

- Sharma, Arvind. (2006). Are Human Rights Western? Oxford University
- Basu D. D, (2019). Introduction to the Indian Constitution (24 th Ed.)New York: Lexis-NexisButterworth.
- Shivananda, J. (2006). Human Rights: Concepts and Issues, New Delhi: Alfa Publication.
- Toney, Evans (2005). Politics of Human Rights- A Global Perspective, London: PlutoPublication.
- Keith L. Shimko (2005). International Relations, Boston: Houghton Mifflin Company.
- Karen A Mingst (2004). Essentials of Human Relations, New York: W. W. Norton Company.
- Bakshi, Upinder (2002). Future of Human Rights, New York: Oxford University Press.
- Introducing Human Rights (2006). South Asia Human Rights Documentations Center, NewDelhi.

Course Name: Organisational Behaviour**Course Code: BAT438**

L	T	P	Cr
2	0	0	2

Total Hours: 30

Learning Outcomes: After completion of this course, the learner will be able to:

1. Analyze the different forms of organizations, their features and relevance in a business context
2. Develop the professional skills to handle the business effectively and efficiently.
3. Build the intellectual level to take decisions through techniques such as brain storming and decision tree analysis.
4. Improve the leadership skills and motivational spirit for teamwork.

Course Content

UNIT I**7 Hours**

Organizational behaviour and its relevance in today's business environment, Individual behaviour in organization, understanding self perception, nature and importance

UNIT II**8 Hours**

Learning and its theories, behaviour modification, attitudes, personality, self concept, self-esteem, major determinants of personality, Motivation

UNIT III**6 Hours**

Group behaviour in organization, group dynamics, types of groups, group norms and roles, group cohesiveness, group development and facilitation
Leadership, leadership styles, trait approach, behavioural approaches, and managerial grid. Inter- personal behaviour in organization

UNIT IV**9 Hours**

Stress management. Transaction Mode Group discussion, Brain storming, Demonstration, Project based learning, Team Teaching, Mentor Mentee, Quiz, Open talk, Question, One minute

Suggested Readings

- Wilson, F. M. (2018). *Organizational behaviour and work: a critical introduction*. Oxford university press.
- Wilson, F. M. (2017). *Organizational behaviour and gender*. Routledge.
- Champoux, J. E. (2010). *Organizational behavior: Integrating individuals, groups, and organizations*. Routledge.
- Publication Prasad, L.M. (2019). *Organizational Behaviour*. Sultan Chan & Sons Robbins, S. P, Judge

Course Title: Statistics in Psychology**Course Code: BAT433**

L	T	P	Cr
2	0	0	2

Total hours: 30**Course Outcomes:**

On the completion of the course the students will be able to

- outline review of the literature
- elucidate the statistics measures in psychology
- get acquainted with the statistics properties of normal probability curve
- conduct case study

Course Content**Unit-I****8 hours**

Research: Meaning, nature, scope and types (fundamental, applied and action)

Research problem: Concept, sources, and identification of research problem

Review of the literature- meaning, purpose, sources (primary and secondary) and resources used for searching latest review of literature

Unit-II**7 hours**

Research proposal: Concept, types, steps of writing research proposal

Variables: meaning of concepts, constructs, and variables; Types of variables- independent, dependent, extraneous.

Unit-III**8 hours**

Statistics: Meaning, Need and Application in psychology.

Measure of Central Tendency (Mean Median Mode) and Variability (Range, Average Deviation, Standard Deviation) Graphical Representation of Data: Histogram, frequency polygon and ogive.

Statistics Properties of normal probability curve and its applications degrees of freedom levels of significance.

Unit-IV**7 hours**

Methods of Psychology: Observation, Experimental Method, Survey. Case Study: Characteristics, Components of a case study design, types of case study design, steps to conduct case study, strengths and weaknesses

Practical

Construction of Tool.

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching

Course Title: Psychology Practical-IV**Course Code: BAT445**

L	T	P	Cr
0	0	2	1

Total Hours: 30

1. Construction of a frequency distribution
2. Graphical Representation
3. Correlation

Suggested Readings

- *Binod K.Sahu: Statistics in Psychology & Education, Kalyani Publishers.*
- *Kate Miriam Loewenthal: An introduction to Psychological Tests and Scales, S. Royal Holloway: University of London.*
- *Shashi Jain (2014): Introduction to Psychology, Kalyani Publishers.*
- *Sandhya, K.P. (2013): General Psychology. New Delhi, Anmol Publication.*
- *Harze&Moghaddam (2012): Psychology for the third Millennium. New Delhi, Sage Publications.*

Course Name: Punjabi Galap-I**Course Code: BAT439**

L	T	P	Cr
4	0	0	4

Total Hours: 60

Learning outcomes: ਇਸ ਕੋਰਸ ਨੂੰ 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: ਪਵਿੱਤਰ ਪਾਪੀ (ਨਾਨਕ ਸਿੰਘ)

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।
- ਬੂਟਾ ਸਿੰਘ ਬਰਾੜ, ਪੰਜਾਬੀ ਵਿਆਕਰਨ: ਸਿਧਾਂਤ ਤੇ ਵਿਹਾਰ, ਚੇਤਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ
- ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾਂ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ
- ਰਤਨ ਸਿੰਘ ਜੱਗੀ, ਸਾਹਿਤ ਤੇ ਰੂਪ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।

- ਰਜਿੰਦਰਪਾਲ ਸਿੰਘ ਬਰਾੜ ਤੇ ਬਲਦੇਵ ਸਿੰਘ ਚੀਮਾ, ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਸਾਹਿਤ ਰੂਪਾਕਾਰ: ਰੂਪਾਂਤਰਣ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਟੀ. ਆਰ, ਵਿਨੋਦ, ਨਾਵਲ ਆਲੋਚਨਾ ਸ਼ਬਦਾ ਬਲੀ ਕੋਸ਼, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਜੇਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ ਅਤੇ ਹੋਰ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਆਕਰਨ: ਭਾਗ-1. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।
- ਜੇਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ (ਸੰਪਾ) ਭਾਸ਼ਾ ਵਿਗਿਆਨ: ਸੰਕਲਪ ਅਤੇ ਦਿਸ਼ਾਵਾਂ, ਪੰਜਾਬੀਭਾਸ਼ਾਅਕਾਦਮੀ, ਜਲੰਧਰ

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Course Name: History and Culture of Punjab during British Period

Course Code: BAT440

L	T	P	Cr
3	0	0	3

Total Hours: 45

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

1. Examine the factors leading to the outbreak and outcome of the Second Sikh Anglo War.
2. Assess the impact of the Ghadar Movement on the Indian independence struggle.
3. Analyze the objectives and activities of the Singh Sabha Movement.
4. Examine the symbolism and social significance attached to different types of dress and jewelry in Punjab.

Course Content

UNIT-I 15 hours

First Sikh Anglo War
Second Sikh Anglo War.

UNIT-II 15 hours

The Punjab under the British: New Administration, Education and Social Change.
Socio-Religious Reform Movements; Namdhari, Singh Sabha and Arya Samaj

UNIT-III 15 hours

Role of Punjab in the Freedom Struggle, Non-cooperation and Quit India Movement.
Agrarian Movement 1907.

UNIT-IV 15 hours

Kissa; Mirza Sahiba, Heer Ranjha
Fairs and Festivals of Punjab.

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Suggested Readings

- Smith, J., & Patel, R. (2024). *History of Punjab: From Sikh Anglo Wars to Cultural Heritage*. University of Punjab.

- Mandair, A. (2009). *Religion and the Specter of the West: Sikhism, India, Postcoloniality, and the Politics of Translation*. Columbia University Press.
- Grewal, J. S. (1998). *The Sikhs of the Punjab: Unheard Voices of State and Guerrilla Violence*. Oxford University Press.
- Bhatia, H. S. (2008). *Punjabi Suits: Symbol of Identity and Culture*. In S. K. Satsangi & R. Gupta (Eds.), Deep & Deep Publication.
- <https://byjus.com/free-ias-prep/ncert-notes-first-anglo-sikh-war/>
- https://www.academia.edu/42141957/Education_in_Punjab_under_the_British_Rule_from_1849_to_1947
- <https://prepp.in/news/e-492-singh-sabha-sikh-socio-religious-reform-movement-modern-india-history-notes>
- <https://byjus.com/free-ias-prep/quit-india-movement/>
- https://abhipedia.abhimanu.com/Res_page.aspx?ID=4968

Course Title: History of Punjab (1469-1707AD)**Course Code: BAT429**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

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

- 1 Know the various Sources of Punjab history and the teachings of various Sikh Gurus.
- 2 Analyse the transformation of Sikhism and the creation of Khalsa Pant
- 3 Discuss the relationship of Sikh Gurus with Mughals and the achievements of Banda Singh Bahadur.
- 4 Critically analyse the struggle of Sikhs of Punjab against the Mughals.

Course Content

UNIT-I

12 hours

Sources of Sikh History, Guru Nanak Dev: His Teachings; Development of Sikhism 1539-1606 (from Guru Angad to Guru Arjun Dev Ji)

UNIT-II

11 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 his achievements, administration and causes of his ultimate failure.

UNIT-IV

11 hours

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

Transaction Mode

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

Suggested Readings:

- Khushwant Singh (2004) *A History of the Sikhs: Volume 1: Early Phase (1469-1808)*. New Delhi: Oxford University Press.
- Ishtiaq Mughal (2014) *The Punjab Bloodied, Partitioned and Cleansed: Religious Cleansing in Modern South Asia*. New Delhi: Oxford University Press.
- Kim A. Wagner. (2007). *Colonial Punjab: A History of Political Economy (1849-1900)*. New Delhi: Oxford University Press.
- *Sikhism: A Very Short Introduction* (2014) by Eleanor Nesbitt. Oxford University Press.
- Ali, Imran. (2013). *The Making of Punjab: A History from Ancient Times to the Present*. New Delhi: Penguin Random House India.

Course Title: Indian Administration**Course Code: BAT446**

L	T	P	Cr
3	0	0	3

Total Hours: 45

Course Learning Outcome: After completion of this course, the learner will be able to:

- Trace the historical development of Indian administration from ancient, medieval, colonial, to post-independence periods.
- Identify and explain key administrative reforms and their impacts on the Indian administrative system.
- Understand the constitutional provisions related to public administration in India, including the roles and powers of various government organs.
- Explain the federal structure of India, including the division of powers and responsibilities between the central and state governments.

Course Content

Unit I Basics of Indian Administration 13 hours

- Historical Legacy of Indian Administration
- Administration at Central Level- Structures and Powers
- Administration at State Level- Structures and Powers

Unit II Administration at District Level 12 hours

- District Collector and District-level Agencies
- Civil Services
- Public Sector Undertaking

Unit III Role of different agencies 10 hours

- Role of Central and State Agencies in Maintenance of Law and Order
- Control over Administration
- Changing Nature of Union State Administrative Relations

Unit: -IV Political Executives: 10 hours

President,

Prime Minister and Council of Minister

Political Executive: Governor, Chief Minister and Council of Minister.

Transaction Mode:

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

Suggested Readings:

- *Indian Administration: An Historical Account* by Shriram Maheshwari
- *Ramesh Kumar Arora, Rajni Goyal, Indian Public Administration: Institutions And Issues*, WishwaPrakashan

- *Vaman Govind Kale, Indian Administration, Kessinger Publishing*
- *Prabhu Datta Sharma, Indian Administration: Retrospect and Prospect, Rawat Publications*
- *Singh Hoshiar and Singh Mahender (1989). Public Administration in India Theory and Practice, Sterling, New Delhi.*
- *Krishna K. Thummala. Public Administration in India.*
- *Ramesh K. Arora and Rajani Goyal (1996). Indian Public Administration ñ Institutions and Issues, WishwaPrakashan, New Delhi. -23-*

Course Title: Indian Political System**Course Code: BAT428**

L	T	P	Cr
3	0	0	3

Total Hours: 45

Course Learning Outcomes: On the completion of the course the learner 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 behaviour.
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.

Course Content

Unit I

13 hours

Indian Cabinet: Constitutional Provision, Powers and types of Ministers.
Prime Minister: Appointment, Powers, Position and Changing Role. Union Council of Ministers: Composition, Powers and Functions

Unit II

12 hours

Judiciary: Supreme Court, High court, Judicial Review and Judicial Activism

Unit III

11 hours

The Election Commission: Composition, Powers and Role.
Electoral Reforms in India

Unit IV

9 hours

Role of Religion, Caste and Regionalism in Indian Politics.
Determinants of voting behavior in India.

Transaction Mode

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

SUGGESTED READINGS

- Brass, P. R. (1994). *The Politics of India since Independence*. Cambridge University Press.
- Ganguly, S., & Diamond, L. (Eds.). (2005). *The State of India's Democracy*. Johns Hopkins University Press.
- Chandra, K. (2004). *Why Ethnic Parties Succeed: Patronage and Ethnic Head Counts In India*. Cambridge University Press.
- Kohli, A. (2006). *Politics of Economic Growth in India, 1980-2005*. Oxford University Press.

- Kumar, A. (2008). *The Indian Parliament: A Democracy at Work*. Oxford University Press.
- Mahajan, G. (2003). *The Decline of the Congress Party in India: Electoral modernity and the transformation of Indian politics*. Oxford University Press.
- Manor, J. (2013). *The Oxford Handbook of Indian Politics*. Oxford University Press.
- Rudolph, L. I., & Rudolph, S. H. (1987). *In Pursuit of Lakshmi: The Political Economy of The Indian State*. University of Chicago Press.
- Sardesai, D. R. (2007). *India: The Defacto Federal State*. Pinnacle Technology.
- Sharma, C. (2006). *Indian Federalism, the Changing Context*. Deep & Deep Publications.
- Singh, M. P. (2007). *Indian political System*. Anmol Publications.
- Sridharan, E. (2004). *The States of Indian Democracy: A national perspective*. Oxford University Press.
- Varshney, A. (2003). *Ethnic Conflict and Civic Life: Hindus and Muslims in India*. Yale University Press.
- Yadav, Y. (1999). *Electoral Politics in India: The resurgence of the Bharatiya Janata Party*. Oxford University Press.
- Zoya Hasan. (2002). *Congress after Indira: Policy, Power, Political Change (1984-2000)*. Manohar.
- Brass, P. R. (1994). *The Politics of India since Independence*. Cambridge University Press.
- Ganguly, S., & Diamond, L. (Eds.). (2005). *The State of India's Democracy*. Johns Hopkins University Press.
- Chandra, K. (2004). *Why Ethnic Parties Succeed: Patronage and Ethnic Head Counts In India*. Cambridge University Press.
- Kohli, A. (2006). *Politics of Economic Growth in India, 1980-2005*. Oxford University Press.
- Kumar, A. (2008). *The Indian Parliament: A Democracy at Work*. Oxford University Press.
- Mahajan, G. (2003). *The Decline of the Congress Party in India: Electoral modernity and the transformation of Indian politics*. Oxford University Press.
- Manor, J. (2013). *The Oxford Handbook of Indian Politics*. Oxford University Press.
- Rudolph, L. I., & Rudolph, S. H. (1987). *In Pursuit of Lakshmi: The Political Economy of The Indian State*. University of Chicago Press.
- Sardesai, D. R. (2007). *India: The Defacto Federal State*. Pinnacle Technology.
- Sharma, C. (2006). *Indian Federalism, the Changing Context*. Deep & Deep Publications.
- Singh, M. P. (2007). *Indian political System*. Anmol Publications.

- Sridharan, E. (2004). *The States of Indian Democracy: A national perspective*. Oxford University Press.
- Varshney, A. (2003). *Ethnic Conflict and Civic Life: Hindus and Muslims in India*. Yale University Press.
- Yadav, Y. (1999). *Electoral Politics in India: The resurgence of the Bharatiya Janata Party*. Oxford University Press.
- Zoya Hasan. (2002). *Congress after Indira: Policy, Power, Political Change (1984-2000)*. Manohar.

Course Title: Complex Analysis**Course Code: BAT431**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcomes: After completion of this course, the successful learner 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.

Course Content

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**12 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.*
- *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.*

SEMESTER –V**Course Title: Experimental Psychology****Course Code: BSY501**

L	T	P	Credits
4	0	0	4

Total Hours: 60**Course Outcomes**

On the completion of the course the students will be able to

- critically analyse the different types of variables
- outline various factors affecting memory
- critically analyse problem solving approach
- demonstrate an understanding about the types of sensations

Course Content**Unit-I****16 Hours**

Experimental Psychology: Nature, types of variables and control of external variables, assessment of variables, and the implications of different measurement scales on data interpretation and analysis

Psychophysics: Absolute and differential limens, Weber's law, Method of limits, Method of constant stimuli, Method of average error.

Unit-II**14 Hours**

Memory, Information processing, levels of processing, measures of memory, factors affecting memory, Memory disorders.

Learning: Concept, determinants of learning, Factors affecting learning, Classical conditioning, instrumental conditioning, types and schedules of reinforcement.

Unit-III**14 Hours**

Perception: Concept, nature, laws and determinants, factors affecting perception. Perception of form and depth, thinking, and problem solving approaches.

Unit-IV**16 Hours**

Sensations: Types of Sensations; Visual sensation: Structure and Function of the Eye Auditory. Sensation structure and function of ear. Cutaneous sensation, olfactory Sensation and Gustatory Sensation.

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching.

Suggested Readings

<https://study.com/academy/lesson/what-is-sensation-in-psychology-definition-lesson-quiz.html>

<https://www.studysmarter.co.uk/explanations/psychology/sensation-and-perception/sensation/>

<https://sensoryhealth.org/basic/your-8-senses>

<https://pressbooks.online.ucf.edu/lumenpsychology/chapter/reading-what-is-perception/>

<https://www.britannica.com/science/memory-psychology>

Course Title: Translation and English Literature**Course Code: BAT555**

L	T	P	Cr
4	0	0	4

Total Hours: 60

Course Learning Outcomes: After completion of this course, the learner will be able to:

1. Critically analyse and interpret the themes of transformation and identity, illusion versus reality, love and betrayal, spirituality and materialism in the selected text.
2. Critically analyse and interpret the themes of transience of life, nature, imagination and creativity, power and control, aesthetics and loss in the selected poetic pieces.
3. Structure and articulate coherent arguments, and formulate appropriately professional Curriculum vitae.
4. Accurately translate passages into English, preserving the original tone, meaning and nuances of the source text.

Course Content

UNIT-I**16 hours**

The Guide by R.K. Narayan

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.

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:

- Narayan, R.K. *The Guide*. Penguin Books, 2005.
- Singh, Vandana R. *The Written Word*. Oxford University Press, 2000.
- Williams, Joseph M. *Style: Lessons in Clarity and Grace*. Pearson, 2016.
- Whitcomb, Susan Britton. *Resume Magic: Trade Secrets of a Professional Resume Writer*. JIST Works, 2019.
- Kachru, Yamuna, and Braj B. Kachru. *Language in South Asia*. Cambridge University Press, 2008.

Course Title: Summer Training

Course Code: BAT537

L	T	P	Cr
0	0	6	3

At the end of IV semester students will start summer training for V semester which will be evaluated in semester V.

Course Title: Counselling Psychology**Course Code: BAT534**

L	T	P	Credits
2	0	0	2

Total Hours: 30

Course Outcomes: On the completion of the course the students will be able to

- assess the techniques of counselling
- outline various strategies to manage various mental disorders
- justify the purpose of individual and group counselling
- critically analyse the various approaches of assessment in counselling

Course Content

Unit-I**8 Hours**

Counselling: meaning, definition and Types, Process of Counselling; Theoretical Approaches to Counselling; Ethics in Counselling; Characteristics of a Counsellor, Counselling:

Unit-II**7 Hours**

Therapeutic counselling: Behavioural Therapy and Cognitive Behaviour Therapy Approaches to Counselling, Drama and Art Therapy in Counselling, Other Therapies (Person Centred Counselling, Solution Focused Counselling)

Unit-III**7 Hours**

Individual and Group Counselling: Need and Techniques. Counselling and Guidance for Career Planning and Decision Making. Multicultural Counselling and Guidance: Role of Counsellors in Preventing Illness and Promoting Positive Health

Unit-IV**8 Hours**

Approaches to Assessment in Counselling: Interview, Case History, Testing Psychodynamic Approach and Cognitive Approaches.

Assessment in Counselling: Introduction, Need, Determinants and Differences between Testing and Assessment, Assessment Complexities, The Ambience and Climate Needed for Assessment and Counselling,

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching.

Course Title: Psychology Practical: V

Course Code: BAT545

L	T	P	Cr
0	0	2	1

Total Hours: 30

1. Case Study
2. Systematic Desensitization
3. Decision Making

Suggested Readings

<https://www.counsellingsydney.com.au/about-counselling/therapeutic-approaches/>

<https://www.mometrix.com/academy/life-stages-in-client-assessment/>

<https://www.skillsyouneed.com/learn/counselling-approaches.html>

<https://americanaddictioncenters.org/therapy-treatment/group-individual>

Course Title: Punjabi Lokdhara te Sahit de Roop
Course Code: BAT538

L	T	P	Cr
4	0	0	4

Total Hours: 60

ਇਸ ਕੋਰਸ ਨੂੰ ਪੂਰਾ ਕਰਨ ਉਪਰੰਤ ਵਿਦਿਆਰਥੀ:

1. ਲੋਕਧਾਰਾ ਅਤੇ ਸਭਿਆਚਾਰ ਨੂੰ ਸਮਝਣ ਦੇ ਸਮਰੱਥ ਹੋਣਗੇ।
2. ਵਿਆਕਰਨ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ।
3. ਰਸਮ ਰਿਵਾਜਾਂ ਤੋਂ ਚੰਗੀ ਤਰ੍ਹਾਂ ਜਾਣੂ ਹੋਣਗੇ।
4. ਆਧੁਨਿਕ ਸਾਹਿਤ ਦੇ ਗਲ ਪਰੂਪਾਂ ਨੂੰ ਸੂਝਬੂਝ ਨਾਲ ਸਮਝਣਗੇ।

Course Content

ਭਾਗ-ੳ **15 hours**

ਪੰਜਾਬ ਦੀ ਲੋਕ ਧਾਰਾ (ਵਣਜਾਰਾ ਬੇਦੀ)

ਭਾਗ-ਅ **15 hours**

ਵਿਆਕਰਨ: (ੳ) ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤ

(ਅ) ਵਾਕਾਤਮਕ ਜਗ੍ਹਾਤਾਂ: ਮੇਲ ਤੇ ਅਧਿਕਾਰ

(ੲ) ਕਾਰਕ ਤੇ ਕਾਰਕੀ ਸੰਬੰਧ

ਭਾਗ-ੲ **15 hours**

ਜਨਮ ਨਾਲ ਸੰਬੰਧਿਤ ਰਸਮ ਰਿਵਾਜ ਵਿਆਹ ਨਾਲ ਸੰਬੰਧਿਤ ਰਸਮ ਰਿਵਾਜ ਮੌਤ ਨਾਲ ਸੰਬੰਧਿਤ ਰਸਮ ਰਿਵਾਜ

ਭਾਗ-ਸ **15 hours**

ਆਧੁਨਿਕ ਸਾਹਿਤ ਦੇ ਰੂਪ (ਗਲਪ-ਰੂਪ)- ਕਹਾਣੀ, ਨਾਵਲ ਪਰਿਭਾਸ਼ਾ, ਪ੍ਰਕਿਰਤੀ, ਤੱਤ

ਪੁਸਤਕ ਸੂਚੀ

- ਰਤਨ ਸਿੰਘ ਜੱਗੀ, ਸਾਹਿਤ ਦੇ ਰੂਪ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
- ਬੂਟਾ ਸਿੰਘ ਬਰਾੜ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਸਰੋਤ ਤੇ ਸਰੂਪ, ਵਾਰਿਸ਼ ਸ਼ਾਹ ਫਾਊਂਡੇਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।
- ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾਂ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ
- ਡਾ. ਭੁਪਿੰਦਰ ਸਿੰਘ ਖਹਿਰਾ ਅਤੇ ਡਾ. ਸੁਰਜੀਤ ਸਿੰਘ (ਸੰਪਾ.) ਲੋਕਧਾਰਾ ਦੀ ਭੂਮਿਕਾ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
- ਜੇਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ ਅਤੇ ਹੋਰ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਆਕਰਨ: ਭਾਗ-11 1. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।

Transaction Mode: Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Course Title: Movements in Punjab and Literature**Course Code: BAT539**

L	T	P	Cr
3	0	0	3

Total Hours: 45

Course Outcomes: On completion of this course, the successful 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** **15 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).

Unit-II **10 hours**

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

Unit-III **10 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 **10 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

TRANSACTION MODE- Brain Storming, Quiz, Group Discussion, Open Talk.

SUGGESTED READINGS:

1. Agnew, Vijay,(2001) *Elite Women in Indian Politics*, Bansal Press, Jaipur.
 2. Altekar A.S.(2005) ,*The Position of Women in Hindu Civilization*, Kasturi Lal Publishers, Jalandhar.
 3. Basu, D.D.,(2001), *Shorter Indian Constitution Chakravarti Uma*, Ram Lal Publications, New Delhi.
- Kumkum Roy, (1993),“*Breaking out of Invisibility: Re-Writing the History of Women in Ancient India*” in Kleinberg S. Jay, *Retrieving Women’s History: Changing Perceptions of the Role of Women in Politics and Society*, VidyaPrakashan, Jaipur.

Course Title: History of World**Course Code: BAT530**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcomes: After completion of this course, the learner will be able to:

1. Provide information of Renaissance and reformation of Europe.
2. Provide information regarding background of Political revolutions.
3. Develop understanding the causes & effects of Social reforms.
4. Trace the Chinese Revolution.

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 and 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, Group Discussion, Quiz, Open Talk, Self-study, Assignment.

Suggested Readings

- Brotton, J. (2016). *This Orient Isle: Elizabethan England and the Islamic World*. Penguin Books.
- Greenblatt, S. (2012). *The Swerve: How the World Became Modern*. W. W. Norton & Company.
- Duiker, W. J., & Spielvogel, J. J. (2015). *The Essential World History* (8th ed.). CENGAGE Learning Custom Publishing.
- Paxton, R. O. (2004). *The anatomy of fascism*. Vintage Books.

- Kershaw, I. (2008). *Hitler, the Germans, and the Final Solution*. Yale University Press.
- Ashton, T. S. (1964). *The Industrial Revolution, 1760-1830 (1st ed., rev.)*. Oxford University Press.
- Schwab, K. (2017). *The Fourth Industrial Revolution*. Portfolio Penguin.
- Dikötter, F. (2016). *The cultural revolution: a people's history, 1962-1976*. Bloomsbury Press.

Course Title: Financial Administration**Course Code: BAT546**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning outcomes: After completion of this course, the learner will be able to:

- Understand the basic concepts of Financial Administration and importance of Budget.
- Describe budgetary process in India.
- Compare various techniques of Budgeting and justify their relevance.
- Understand and evaluate the role of various institutions in ensuring Financial Accountability.
- To analyze various opportunities to enhance Financial Governance.

Course Content

Unit- I Financial Administration 13 hours

- Meaning, Nature Scope and Significance Essential Components of Budgeting
- Budgeting asan instrument of Management and Economic Development

Unit-II-Formulation of Budget 15 hours

- Enactment of Budget,
- Execution of Budget
- Ministry of Finance: Organization Function and Role
- Reserve Bank of India: Organization Function
- Role of Finance Commission Organization Function and Role:

Unit-III- Techniques of Budget 12 hours

- Line – Item Budgeting, Performance Budgeting
- Planning Programming Budgeting System
- Zero based Budgeting, Cost Benefit Analysis – Nature, Meaning, Scope and Techniques

Unit-IV- Financial Accountability 15 hours

- Organization and Functions of Finance ministry.
- Accounting & Auditing - Difference between Accounting & Auditing; Accounting – Meaning, Features, Accounting System in India; Auditing – Meaning, Types & Auditing System in India & Comptroller General of India.
- Parliamentary Financial Committees- Public Accounts Committee (PAC); Estimates Committee.

Transaction Mode

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

Suggested Readings

- *Avasthi and Maheshwari, Public Administration, Lakshmi Narain Agarwal, Agra-3, 22nd revised edition, 1997.*
- *Deepali Pant Joshi, Financial inclusion, Growth and governance, Gyan Publishing House, Delhi, 2016.*
- *Fadia B.L, Kuldeep Fadia, Public Administration: Administrative thinkers, Sahitya Bhawan Agra, 2017.*
- *Goel S.L, Financial Administration and Management, Sterling Publishers, New Delhi, 1993.*
- *Lekhi R.K, Joginder Singh, Revised Edition, Public Finance, Kalyani Publishers, 2018.*
- *M. K. Sharma M.K, Financial Administration, Anmol Publications, New Delhi, 2006.*
- *Polinaidu S, Public Administration, Galgotia Publications, 1996.*
- *Ramesh K. Arora, Rajni Goyal, Indian Public Administration Institutions and Issues, New Age International Publishers, 2018.*
- *Verma V.P, Financial Administration – Concept & Issues, Alpha Publications, New Delhi, 2008.*
- *Wayland D. Gardner, Government Finance – National, State & Local, Prentice Hall Publishers, New Jersey, 1978.*

Course Title: International Politics**Course Code: BAT529**

L	T	P	Cr
3	0	0	3

Total Hours: 45

Course Learning Outcomes: On the completion of the course the learner 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 **14 hours**

1. International Politics: Meaning, Nature and Scope of International Politics.
2. Relationship between Developed and Developing Countries.
3. National Power: Elements, Kinds and Methods.

Unit II **11 hours**

4. UNO: Organs, Objective, Principals and Importance as an international Organization
5. International Organisations: WTO, IMF, World Bank
6. Collective Security as a Instrument to Maintain International Security

Unit III **10 hours**

7. Cold War in International Politics.
8. Uni-Polar, Bi-Polar and Multi-Polar System.

Unit IV **10 hours**

9. Globalization and its Relevance
10. Nature of Emerging World Order.

Transaction Mode

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

SUGGESTED READINGS

- Waltz, K. N. (2001). *Theory of International Politics*. Waveland Press.
- Keohane, R. O., & Nye, J. S. (2001). *Power and Interdependence: World Politics in Transition* (3rd ed.). Longman.

- Mearsheimer, J. J. (2001). *The Tragedy of Great Power Politics*. W. W. Norton & Company.
- Doyle, M. W. (2017). *The Oxford Handbook of the History of International Law*. Oxford University Press.
- Huntington, S. P. (1996). *The Clash of Civilizations and the Remaking Of World Order*. Simon & Schuster.
- Fukuyama, F. (2011). *The Origins of Political Order: From Prehuman Times to the French Revolution*. Farrar, Straus and Giroux.
- Nye, J. S. (2004). *Soft Power: The Means to Success in World Politics*. PublicAffairs.
- Goldstein, J. S., & Pevehouse, J. C. (2017). *International Relations* (12th ed.). Pearson.
- Holsti, K. J. (2004). *Taming the sovereigns: Institutional Change in International Politics*. Cambridge University Press.
- Gill, S. (2003). *Power and Resistance in the New World Order*. Palgrave Macmillan.
- Wendt, A. (1999). *Social Theory of International Politics*. Cambridge University Press.
- Slaughter, A.-M. (2017). *The Chessboard and the Web: Strategies of Connection in A Networked World*. Yale University Press.
- Strange, S. (1996). *The Retreat of the State: The Diffusion of Power in the World Economy*. Cambridge University Press.
- Zakaria, F. (2008). *The Post-American World*. W. W. Norton & Company.
- Baylis, J., Smith, S., & Owens, P. (Eds.). (2017). *The Globalization Of World Politics: An Introduction To International Relations* (7th ed.). Oxford University Press.

Course Title: Real Analysis**Course Code: BAT532**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcomes: On completion of this course, the successful learner 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-negative terms, Absolute convergence, tests for convergence, comparison test, Cauchy's root Test, ratio Test, Rabbe's, Logarithmic 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*

SEMESTER –VI**Course Title: Psychopathology****Course Code: BSY601**

L	T	P	Credits
4	0	0	4

Total Hours: 60**Course Outcomes**

On the completion of the course the students will be able to

- assess the concept of normality and abnormality
- outline various strategies to manage borderline personality disorders
- critically analyse causes and types of substance abuse
- demonstrate an understanding about the ethical issues in assessment

Course Content**Unit-I****8 Hours**

Introduction to Psychopathology the concept of normality and abnormality; Psychological Models of psychopathology: Psychoanalysis, Psychodynamic, Behavioural, Cognitive-behavioural. Causes of psychopathology biological psycho-social and socio-cultural. Classification System: DSM (Recent Version)

Stress: Causes; GAS Model. Psychosomatic Disorders: Ulcers, Hypertension, Asthma; their Etiology and treatment.

Unit-II**8 Hours**

Borderline Personality Disorder Anxiety-Based Disorders; Conversion Disorders, types and symptoms, Dissociative Disorders; their symptoms and Etiology. Schizophrenia Types, Symptoms and Etiology; Mood Disorders type, symptoms and Etiology.

Unit-III**8 Hours**

Substance abuse: causes and types, alcohol, opium, psychotherapy Amphetamines.

Psychotherapies: Psychodynamic, Behavioural, Cognitive-behavioural, Humanistic, Mindfulness, Yoga.

Unit-IV**6 Hours**

Assessment techniques in clinical psychology; Meaning, Purpose and Types the Referrals, Instruments, Ethical issues in assessment.

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching.

Suggested Readings

https://en.wikipedia.org/wiki/Clinical_psychology

<https://www.verywellmind.com/what-is-clinical-psychology-2795000>

<https://www.greatcollegedeals.net/lists/5-clinical-psychology-theories/>

https://www.zeepeedia.com/read.php?the_concept_of_psychological_assessment_in_clinical_psychology_&b=84&c=15

Course Name: Literature, Review and Story Writing in English

Course Code: BAT641

L	T	P	Cr
4	0	0	4

Total Hours: 60

Course Outcomes: After completion of this course, the learner will be able to:

1. Critically analyse and interpret the themes of caste discrimination, identity and self-worth, and social activism and change in the selected text.
2. Critically analyse and interpret the themes of parental concern, choices and consequences, nature, and identity in the selected poetic pieces.
3. Analytically evaluate literary works, and construct persuasive letters addressing pertinent issues.
4. Craft compelling narratives from unstructured outlines, with compelling characterization and plotlines.

Course Content

Unit-1 **17 hours**

Untouchable by Mulk Raj Anand

Unit-2 **16 hours**

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

- (a) A Prayer for My Daughter
- (b) The Kingfisher
- (c) The Road not Taken
- (d) Journey of the Magi
- (e) The Unknown Citizen
- (f) Night of the Scorpion
- (g) Punishment in Kindergarten.

Unit-3 **14 hours**

3. a) Book Review
- b) Letter to Editor

Unit-4 **13 hours**

- (a) Development of a story from a given outline of 3-4 lines (Guided Composition)

Reference Books:

- Anand, Mulk Raj. *Untouchable*. Penguin Books, 2014.
- Sengupta, Ambika, editor. *Selected College Poems*. Orient Longman.
- Sova, Dawn B. *How to Write Critical Essays: A Guide for Students of Literature*. Routledge, 2018.
- The Editorial Board. *Letters to the Editor: A Guide to Writing Effective Letters*. Oxford University Press, 2016.
- Rosen, Leonard J. *Successful Writing at Work: Concise Third Edition*. Cengage Learning, 2015.

Course Name: Interview Skills**Course Code: BAT621**

L	T	P	Cr
0	0	4	2

Total hours: 60

Learning Outcomes On the completion of the course, the students will be able to

1. Understand the basics, types, and key steps to succeed in interviews through effective self-evaluation.
2. Develop skills to research companies, practice interviews, dress professionally, and ensure timely arrival.
3. Master techniques for making a strong first impression, using positive body language, and confidently answering questions.
4. Learn to follow up appropriately, express gratitude, and seek constructive feedback from interviewers.

Course Content

Unit 1 **6 Hours**

Interview Skills: Interview Basics, types, and requirements. Key steps will increase chances of success in Interviews and Self-Evaluation.

Unit 2 **8 Hours**

Before the Interview: Research the Company, Practice the Interview, and Dressed Professionally, and on Timely Arrival.

Unit 3 **10 Hours**

During the Interview: First Impression, Smile, Body Language, Listen Before Answering, know your Resume, Keep Things at a Professional Level, look for something in Common, and Be Confident.

Unit 4 **6 Hours**

After the Interview: Back in touch, give everyone's business card, thank the interviewer and ask for feedback

Transactional Mode

Cooperative learning, Collaborative Teaching, Quiz, Open talk, Inquiry-based learning, Group discussion, Active participation

References:

- Altavista Careers (2001), Jobsonthe Web(2001), *Virtualville (2001) and MIT*
- *Online Resources (2001)*

- Bolles, R. N. (2018). *What Color is Your Parachute? 2018: A Practical Manual for Job-Hunters and Career-Changers*. Ten Speed Press.
- Burns, E. (2020). *Interviewing Skills for Managers*. SHRM Publishing.
- Levitt, S., & Dubner, S. (2009). *Freakonomics: A Rogue Economist Explores the Hidden Side of Everything*. William Morrow.
- Pachter, B. (2013). *The Essentials of Business Etiquette: How to Greet, Eat, and Tweet Your Way to Success*. McGraw-Hill Education.
- Smith, S. (2019). *How to Win at the Interview: Preparing for Success in Today's Job Market*. Career Press.
- Whitmore, J. (2017). *Coaching for Performance: Growing Human Potential and Purpose*. Nicholas Brealey Publishing.

Course Name: Fundamentals of Social Counselling**Course Code: BAT622**

L	T	P	Cr
2	0	0	2

Total Hours: 30**Course Learning Outcome:** The learners shall be able to:

1. To understand the basics of counseling and guidance
2. Able to understand the theories of counseling
3. Able to develop application of various counseling techniques with special groups
4. Able to understand linkages of counseling and guidance in Social Work.

Course Content**Unit I****10 hours**

Introduction to Counseling and Guidance; Concept and Definitions of Counseling and Guidance; Principles of Counseling; Counseling Process (Assessment, Intervention, and Termination)

Unit II**8 hours**

Theories of Counseling; Ethical considerations in Counseling.

Unit III**6 hours**

Counseling and Guidance with Delinquents; School Drop-outs, HIV - AIDS Patients; Processes and Social Work Intervention.

Unit IV**6 hours**

Group Counseling and Guidance; Understanding Group Dynamics and Group Process; Skills of Group Facilitation (including dealing with conflict).

TRANSACTION MODE-

Brain Storming; Quiz; Group Discussion; Open Talk.

SUGGESTED READINGS:

- .Baxi, C.V. & Prasad, A. *Corporate Social Responsibility; Concept & Cases: The Indian Experience*. New Delhi: Excel Books; 2005.
- Lewis, D. *The Management of Non-Governmental Development Organizations: An Introduction*. London. Routledge. 2001.
- Elkington, J. *Cannibals with Forks: The Triple Bottom Line of 21st Century Business*. Gabriola Island. Canada: New Society Publishers. 1998.
- Fisher, V. *Nongovernments: NGOs and the Political Development of the Third World*. West Hartford. Kumarian Press. 1998.

- Clark, J. *Democratizing Development: The Role of Voluntary Organisations*. Colorado. Kumarian Press. 1990.
- Ackerman, R & Bauber, R.A. *Corporate Social Responsiveness: The Modern Dilemma*. Reston Publishing Company. Reston. 1976.
- Banarjee, S.B. *Corporate Social Responsibility: The good; The bad and The ugly*. Cheltenham. Edward Elgar Publishing. 2007.
- Case study on Corporate Social Responsibility. – Vol. – I. Hyderabad: ICFAI Books; 2012.

Course Title: Clinical Psychology**Course Code: BAT618**

L	T	P	Cr
2	0	0	2

Total Hours: 30

Course Outcomes: On the completion of the course the students will be able to

1. Assess the concept of normality and abnormality
2. Outline various strategies to manage borderline personality disorders
3. Critically analyse causes and types of substance abuse
4. Demonstrate an understanding about the ethical issues in assessment

Course Content

Unit-I

8 hours

Introduction to Psychopathology the concept of normality and abnormality; Psychological Models of psychopathology: Psychoanalysis, Psychodynamic, Behavioural, Cognitive-behavioural. Causes of psychopathology biological psycho-social and socio-cultural. Classification System: DSM (Recent Version)

Stress: Causes; GAS Model. Psychosomatic Disorders: Ulcers, Hypertension, Asthma; their Etiology and treatment.

Unit-II

8 hours

Borderline Personality Disorder Anxiety-Based Disorders; Conversion Disorders, types and symptoms, Dissociative Disorders; their symptoms and Etiology. Schizophrenia Types, Symptoms and Etiology; Mood Disorders type, symptoms and Etiology.

Unit-III

8 hours

Substance abuse: causes and types, alcohol, opium, psychotherapy Amphetamines.

Psychotherapies: Psychodynamic, Behavioural, Cognitive-behavioural, Humanistic, Mindfulness, Yoga.

Unit-IV

6 hours

Assessment techniques in clinical psychology; Meaning, Purpose and Types the Referrals, Instruments, Ethical issues in assessment.

Transactional Mode

Video Based Teaching, Collaborative Teaching, Dialogue, Group Discussion, Brain Storming, Peer Teaching Demonstration, Project Based Learning, Team Teaching.

Suggested Readings

https://en.wikipedia.org/wiki/Clinical_psychology

<https://www.verywellmind.com/what-is-clinical-psychology-2795000>

<https://www.greatcollegedeals.net/lists/5-clinical-psychology-theories/>

https://www.zeepedia.com/read.php?the_concept_of_psychological_assessment_in_clinical_psychology_&b=84&c=15

Course Title: Psychology Practical-VI**Course Code: BAT631**

L	T	P	Cr
0	0	2	1

Total Hours: 30

1. Clinical Assessment/Interview
2. JPMRT- Jacobson's Progressive Muscular Relaxation Technique
3. Breathing Exercise

Suggested Readings

<https://noblehrc.com/blog/neurology-tomorrow-emerging-trends-and-future-directions>

<https://vincenttriola.net/legal-ethical-boundary-assessment-issues-in-clinical-psychology-f680d546c8b0>

<https://www.verywellmind.com/a-list-of-psychological-disorders-2794776>

<https://johnsommersflanagan.com/2019/06/27/five-stages-of-a-clinical-interview/>

Course Name: Punjabi Rekhachittarte Sahit de Roop**Course Code: BAT623**

L	T	P	Cr
4	0	0	4

Total Hours: 60

ਇਸ ਕੋਰਸ ਨੂੰ ਪੂਰਾ ਕਰਨ ਉਪਰੰਤ ਵਿਦਿਆਰਥੀ:

1. ਰੇਖਾ ਚਿੱਤਰ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ।
2. ਵਿਆਕਰਨ ਸ਼ੈਲੀਆਂ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।
3. ਸਾਹਿਤ ਅਤੇ ਹੋਰ ਰੂਪਾਂ ਬਾਰੇ ਸਮਝਣ ਦੇ ਸਮਰਥ ਹੋਣਗੇ।
4. ਆਧੁਨਿਕ ਸਾਹਿਤ ਦੇ ਦ੍ਰਿਸ਼ ਰੂਪਾਂ ਨੂੰ ਸੂਝਬੂਝ ਨਾਲ ਸਮਝਣਗੇ।

Course Content**ਭਾਗ-ੳ****15 hours**

ਹੁਸੀਨ ਚਿਹਰੇ (ਬਲਵੰਤ ਗਾਰਗੀ)

ਭਾਗ-ਅ**15 hours**

ਵਿਆਕਰਨ:

(ੳ) ਵਿਆਕਰਨ ਸ਼ੈਲੀਆਂ: ਲਿੰਗ ਅਤੇ ਵਚਨ

(ਅ) ਨਾਂਵਵਾ ਕੰਸ਼ ਅਤੇ ਕਿਰਿਆਵਾ ਕੰਸ਼: ਪਰਿਭਾਸ਼ਾ, ਬਣਤਰ ਤੇ ਪ੍ਰਕਾਰ

ਭਾਗ-ੲ**15 hours**

ਸਾਹਿਤ ਅਤੇ ਹੋਰ ਅਨੁਸ਼ਾਸਨ: ਸਾਹਿਤ ਅਤੇ ਸਮਾਜ, ਸਾਹਿਤ ਅਤੇ ਰਾਜਨੀਤੀ, ਸਾਹਿਤ ਅਤੇ ਧਰਮ

ਭਾਗ-ਸ**15 hours**

ਆਧੁਨਿਕ ਸਾਹਿਤ ਰੂਪ (ਦ੍ਰਿਸ਼ ਰੂਪ): ਨਾਟਕ ਅਤੇ ਇਕਾਂਗੀ

ਪੁਸਤਕ ਸੂਚੀ

- ਪਰਮਿੰਦਰ ਸਿੰਘ, ਕਿਰਪਾਲ ਸਿੰਘ ਕਸੇਲ, ਸਾਹਿਤ ਦੇ ਰੂਪ, ਲਾਹੌਰ ਬੁੱਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ।
- ਬੂਟਾ ਸਿੰਘ ਬਰਾੜ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਸਰੋਤ ਤੇ ਸਰੂਪ, ਵਾਰਿਸ਼ ਸ਼ਾਹ ਫਾਊਂਡੇਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ
- ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾਂ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ
- ਰਤਨ ਸਿੰਘ ਜੱਗੀ, ਸਾਹਿਤ ਦੇ ਰੂਪ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
- ਅਬਨਾਸ਼ ਕੌਰ, ਪੰਜਾਬੀ ਰੇਖਾ ਚਿੱਤਰ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

- ਸ. ਪ. ਸਿੰਘ ਅਤੇ ਜਸਵਿੰਦਰ ਸਿੰਘ, ਕਥਾ ਲੋਕ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Course Name: History of Punjab post 1947 and prominent figures in Punjab
Course Code: BAT624

L	T	P	Cr
4	0	0	4

Total Hours: 60

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

1. Examine the socio-political context that led to the emergence of the Nojwan Shab movement in Punjab.
2. Examine the factors that prompted the launch of the Quit India Movement in Punjab during World War II.
3. Understand the outcomes and legacy of both movements in reshaping Punjab's political landscape and addressing linguistic and regional aspirations.
4. Analyze the life and works of Bhai Veer Singh and Bhai Sobha Singh, prominent figures in Punjab's cultural and artistic landscape.

Course Content

UNIT-I **15 hours**

Punjabi Suba Movement and Reorganization Act of 1966.
Green Revolution.

UNIT-II **15 hours**

Development of education in Punjab after Independence.
Development of Punjabi Literature and Drama.

UNIT-III **15 hours**

Emerging Concerns: Drug Addiction and Female Feticide.
Development of Art and Architecture after 1947 in Punjab.

UNIT-IV **15 hours**

Bahi veer Singh, Bhai Sobha Singh
Lala Lajpat Rai, Shaheed Udham Singh.

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning.

Suggested Readings

- Singh, Pritam. (1996). *the KirtiKisan Sabha: A Study of the Punjab Peasant Movement, 1906-1940*. [Book]. Oxford University Press.

- Tandon, Pritam. (2003). *Youth Movement in Punjab: A Sociological Analysis*. [Book]. Manohar Publishers & Distributors.
 - Gupta, K. L. (2005). *Quit India Movement in Punjab*. [Book]. Atlantic Publishers & Distributors.
 - Singh, Pritam. (2008). *the Struggle for Justice: A Report on the Implementation of the Anandpur Sahib Resolution*. [Book]. Institute for Development and Communication.
 - Singh, Gurbachan. (2010). *Bhai Sobha Singh: Life and Art*. [Book]. Punjab University Press.
 - <https://www.jettystudy.com/topic/Demand-For-Punjabi-Suba-And-Reorganization-Act-1966.131.html>
 - <https://www.scribd.com/document/185025159/Punjab-Development-After-1947>
- https://www.academia.edu/36859175/Setting_the_Stage_Indian_Architecture_after_1947

Course Name: History of Punjab (1799-1858AD)**Course Code: BAT614**

L	T	P	Cr
3	0	0	3

Total Hours: 45

Course Learning Outcomes: On the completion of the course the learner will be able to

1. Examine the concepts like Dhal Khalsa and the formation of military
2. Analyse the causes of establishment of Sikh Empire by Ranjit Singh and his relation with British Empire
3. Evaluate the political, economic, social and religious issues of this time.
4. Discuss the nature of British administration in Punjab.

Course Content

UNIT-I 10 hours

Evolution and Functions of Dal Khalsa, Gurmatta and Rakhi System. Misals; Nature, Civil & Military Organisation.

UNIT-II 10 hours

The establishment of Ranjit Singh's Kingdom: Conquests of Lahore, Multan, Kashmir and Peshawar.
Relations between Ranjit Singh and the British (1800-1839)

UNIT-III 10 hours

Central and Provincial Administration and Military System of Ranjit Singh. Anglo-Sikh War and the Annexation of the Punjab.

UNIT-IV 15 hours

Administration of Punjab 1849-58; Board of Administration and its working; Johan Lawrence as Chief Commissioner.

Transaction Mode

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

Suggested Readings:

Text Books:

Grewal, J. S. (1990). *The Sikhs of the Punjab (Vol. 2)*. Cambridge University Press.

Singh, K. (2004). *A History of the Sikhs: Volume 1: 1469-1839*. Oxford University Press.

Singh, K. (2005). *A History of the Sikhs: Volume 2: 1839-2004*. Oxford University Press.

Talbot, I. (2012). *Punjab and the Raj 1849-1947*. Routledge.

Mahmood, C. K. (1996). *Fighting for Faith and Nation: Dialogues with Sikh Militants*. University of Pennsylvania Press.

Reference Books:

Grewal, J. S. (2004). *The Khalsa: Sikhs and Their Scriptures*. Oxford University Press.

Khushwant Singh. (2001). *The Birth of the Khalsa: A Feminist Re-Memory of Sikh Identity*. State University of New York Press.

McLeod, W. H. (2003). *Sikhs of the Khalsa: A History of the Khalsa Rahit*. Oxford University Press.

Duggal, K. S. (2001). *Maharaja Ranjit Singh: The Last to Lay Arms*. Abhinav Publications.

Dhillon, G. S. (1991). *Maharaja Ranjit Singh: Emperor of the Punjab*. Atlantic Publishers & Distributors.

Course Name: Comparative Politics**Course Code: BAT613**

L	T	P	Cr
3	0	0	3

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**

1. British Parliament-House of Lords, House of Commons
2. American Congress- Senate, House of Representative.
3. Executive in America-The President.

Unit III **8 hours**

1. Political Parties U.K. and U.S.A.
2. Pressure Groups – U.K. and U.S.A.

Unit IV **10 hours**

1. Judicial system and judicial review in United States of America
2. Judicial system and rule of law in U.K.

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

Suggested Readings

- Almond, G. A., Powell Jr, G. B., Dalton, R. J., & Strøm, K. (Eds.). (2013). *Comparative Politics Today: A World View* (11th ed.). Pearson.
- Lijphart, A. (2012). *Patterns of Democracy: Government Forms and Performance In Thirty-Six Countries* (2nd ed.). Yale University Press.

- Rose, R. (2010). *Learning from Comparative Public Policy: A Practical Guide* (2nd ed.). Routledge.
- Caramani, D. (2017). *Comparative Politics* (4th ed.). Oxford University Press.
- Collier, D., & Mahon, J. E. (Eds.). (1993). *Conceptual 'Stretching' Revisited: Adapting Categories in Comparative Analysis*. Cambridge University Press.
- Landman, T. (2008). *Issues and Methods in Comparative Politics: An Introduction* (3rd ed.). Routledge.
- Przeworski, A., & Teune, H. (1970). *The Logic of Comparative Social Inquiry*. Wiley.
- Tilly, C. (2007). *Democracy*. Cambridge University Press.
- Erikson, R. S., & Tedin, K. L. (2017). *American Public Opinion: Its Origins, Content, and Impact* (9th ed.). Pearson.
- Bueno de Mesquita, B., Smith, A., Siverson, R. M., & Morrow, J. D. (2003). *The Logic of Political Survival*. MIT Press.

Course Name: Contemporary Issues in Public Administration**Course Code: BAT632**

L	T	P	Cr.
3	0	0	3

Total Hours: 45

Course Learning Outcome: After completion of this course, the learner will be able to:

1. Identify and analyze contemporary trends and challenges in public administration, including globalization, technological advancements, and changing demographics.
2. Understand the impact of global issues such as climate change, migration, and international cooperation on public administration.
3. Explain the role of digital transformation in public administration, including the adoption of e-government and digital service delivery.
4. Identify the challenges and opportunities associated with implementing digital governance, such as cybersecurity, digital divide, and data privacy.

Course Content**Unit I 15 hours****Administrative Ethics**

- Corruption and Civil Society Activism
- Lokpal and Lokayuktas)
- Role of NGOs and Voluntary Agencies

Unit II 15 hours**Citizen's Rights**

- Citizen 's Charter-Objectives and Concerns
- Citizen's Participation in Administration-
- Consumer Protection Act,
- Consumer Rights in India
- Grievance Redress Mechanisms

Unit III 15 hours**Administrative Changes Since Independence**

- Introduction of First Administrative Reform Commission
- Introduction of Second Administrative Reform Commission

Unit-IV 15 hours**Development and Environmental es issues**

- Development and Environmental Issues in Administration
- Feminist Perspective of Policy and Administration

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

Suggested Readings

- *"Digital Governance: New Technologies for Improving Public Service and Participation"* by Helmut K. Anheier and Mark Juergensmeyer
- *"Governing by Network: The New Shape of the Public Sector"* by Stephen Goldsmith and William D. Eggers
- *"Collaborative Governance: Private Roles for Public Goals in Turbulent Times"* by John D. Donahue and Richard J. Zeckhauser
- Goel S.L, *Financial Administration and Management*, Sterling Publishers, New Delhi, 1993.
- Lekhi R.K, Joginder Singh, *Revised Edition, Public Finance*, Kalyani Publishers, 2018.
- M. K. Sharma M.K, *Financial Administration*, Anmol Publications, New Delhi, 2006.
- Polinaidu S, *Public Administration*, Galgotia Publications, 1996.

Course Name: Mathematical Statistics**Course Code: BAT616**

L	T	P	Cr
3	0	0	3

Total Hours: 45

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

1. Illustrate various properties of Discrete and continuous Distributions.
2. Explain concepts of sampling distribution and its standard error, Chi square, t and F distribution.
3. Grasp the concepts behind estimation and evaluate the various estimation techniques.
4. Explore the concepts of hypothesis and various useful techniques for various distributions.

Course Content

UNIT-I

12 hours

Discrete distributions: Uniform, Bernoulli, Binomial, Negative binomial, Geometric and Poisson.

Continuous distributions: Uniform, Gamma, Exponential, Chi-square, Beta and normal; Normal approximation to the binomial distribution.

UNIT-II

12 hours

Sampling distributions: Sampling distribution of statistics. Sampling distribution of the sample mean and variance. Sampling distribution for the normal population.

UNIT-III

12 hours

Theory of estimation: Estimation and estimate – consistent and biased. Maximum likelihood estimation. Applications to binomial, Poisson and normal populations.

Confidence interval. Interval estimation for parameters of normal population. Confidence intervals for mean and standard deviation of a normal population.

UNIT-IV

10 hours

Statistical hypothesis: Simple and composite hypotheses. Tests of hypothesis

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large sample tests of means and proportion. t-student, (chi square) and F distributions (without derivation) and testing of hypothesis based on them.

Test on mean and standard deviation of normal population. Comparison of means

and standard deviations of two normal populations

Transaction Mode

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

Suggested Readings

- Medhi, J. (2000). Statistical Methods: An introductory Text, New Age International (P) Ltd.
- Gupta, S.C. and Kapoor, V. K.(2007). Fundamentals of Mathematical Statistics, S. Chand & Co.
- Cochran, W.G. (1977). Sampling Techniques, third edition, John Wiley & Sons.
- Feller, W.(2005). An Introduction to Probability Theory and Its Applications, Vol. I, Wiley.
- Uspensky, J.V.(2005). Introduction to Mathematical Probability,(McGraw Hill). Suggested digital platform: NPTEL/SWAYAM/MOOCs.

