

# B.Sc Psychology

## Semester 1

### 1. PSY1CJ101 Invitation to Psychology

- **Credits:** 4
- **Contact Hours:** 75 Hrs. (3L + 2P Hrs./Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Explain different perspectives of psychology
CO2	Develops foundational knowledge and the practical application of psychological concepts
CO3	Distinguish different methods used for studying human behaviour
CO4	Apply psychological principles to real-world scenarios, demonstrating the practical relevance of the discipline.
CO5	Explore foundational psychological principles and theoretical frameworks underlying the concepts of attention, perception, and consciousness.
CO6	Appreciate the value of Psychology and embrace a lifelong learning attitude towards psychological inquiry and discovery

### 2. Minor Course 1 - PSG1MN100- Basics in cellular physiology

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L + 2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1 <sub>o</sub>	Explain the structure and functions of a cell, plasma membrane and cell
CO2 <sub>o</sub>	Illustrate the structure of DNA. DNA replication, Mitosis, Meiosis, Chromosomes, Gene and genetic code, types of chromosomes.
CO3 <sub>o</sub>	Predict possible inheritance patterns, in real life or imaginary situations.
CO4 <sub>o</sub>	Describe the characteristics of various types of chromosomal anomalies.
CO5 <sub>o</sub>	Acquire skill to handle microscopes and to do biological experiments.
CO6	Compare the characteristics of Mendelian and Non Mendelian inheritance patterns.

### 3. Minor Course 2 - STA1MN105 (P)- Descriptive statistics

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L + 2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Understand data types and sampling techniques and critically evaluate ethical implications of statistical methods aligning with human values.
CO2	Master diagrammatic representation and frequency distribution
CO3	Apply measures of central tendency with practical examples and analyze data to help entrepreneurial decisions using critical thinking skills.
CO4	Grasp measures of dispersion and their applications
CO5	Conduct a survey and apply acquired skills using software
CO6	Explain how to calculate measures of central tendency and dispersion using JASP software.

#### 4. **ENG1FA101 - English** (*Ability Enhancement Course*)

- **Credits:** 3
- **Contact Hours:** 45 Hrs (3L Hrs/Week)
- **Course Evaluation:** 75 (Internal: 25 & External: 50)

COs	COURSE OUTCOMES
CO1	Improve communication skills and fluency in English.
CO2	Enhance reading comprehension and analytical writing abilities
CO3	Build confidence in expressing ideas through structured communication.

## Semester 2

### 1. **Major Course- PSY2CJ101 Science of Mental Processes**

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L + 2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Develop the basic understanding of the origin and history of cognitive psychology
CO2	Explain the basic process of problem solving and decision making
CO3	Develop fundamental knowledge and practical applications of theories of cognitive domain such as learning and memory
CO4	Apply the principles of learning, memory and forgetting in daily life situation

## 2. Minor Course 1- PSG1MN101 Neurophysiology

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L + 2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)
- 

COs	COURSE OUTCOMES
CO1	Identify the different types of nerve cells, glial cells and nerve fibres.
CO2	Describe the structure and functions of CNS and reflex actions, types of reflex actions.
CO3	Describe the structure and functions of the Cerebellum and Basal Ganglia
CO4	Describe the structure and functions of the U F&C Cerebral Cortex, the functions of Brain in communication, and various theories of sleep and imaging techniques.
CO5	Attain skill in doing experiments related to neurophysiology.
CO6	Identify various functional deformities of brain from the symptoms shown by individuals in real life or imaginary situations.

- **Minor Course 2- STA2MN105 (P)- Introduction to Probability**
- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L + 2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Comprehend types of correlation and scatter diagrams and analyze data to help entrepreneurial decisions using critical thinking skills.
CO2	Understand properties of regression coefficients and critically evaluate ethical implications of statistical methods aligning with human values.
CO3	Introduce and apply probability theory concepts.
CO4	Grasp the definition and types of Grasp the definition and types of
CO5	Develop critical thinking skills to interpret and communicate results of statistical analysis effectively.
CO6	Describe how to draw scatter plot for correlation in JASP.

## Semester 3

### 1. Major Course- PSY3CJ201- Psychological Assessment

- **Credits:** 4
- **Contact Hours:** 60 Hrs (4L Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Demonstrate knowledge in basic concepts and methods of psychological assessment
CO2	Critically evaluate various psychometric scaling methods
CO3	Develop an interview schedule
CO4	Prepare a procedure for structured observation
CO5	Demonstrate knowledge in ethical considerations to be followed in psychological assessment

### 2. Major/Minor PSY3CJ202/PSY3MN200 - Individual Differences

- **Credits:** 4
- **Contact Hours:** 60 Hrs (4L Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Explain the basic concepts and theories related with motivation, emotion, intelligence and personality
CO2	Describe the determinants of various behavioural dynamics
CO3	Demonstrate skills to assess individual's motivation, emotion, intelligence and personality using psychological tests
CO4	Apply the concepts and principles in to everyday life for the enhancement of one's own quality of life and others' welfare.

### 3. Minor Course 1 - PSG2MN200- Physiology of behaviour and senses

**Credits:** 4

- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Describe the physiological control of thirst and hunger, factors affecting hunger and thirst.
CO2	Explain importance of sex hormones, causes of stress, and the list of hormones influencing sexual behaviour.
CO3	Predict the nature of defects caused by the damage or deformity of different parts of eye and ear.
CO4	Describe the sensory pathways for the gustatory, olfactory, thermosensory, pain sensations.
CO5	Attain skill in doing experiments related to sensory functioning.
CO6	Prepare report on visiting institutions like, hospitals to study the sensory perception Ap P analysis procedures.

#### 4. Minor Course 2 - STA3MN205 (P)- Inferential statistics

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Understand testing fundamentals and hypotheses.
CO2	Grasp test statistics and critical values.
CO3	Apply t-tests and chi-square tests and analyze data to help entrepreneurial decisions using critical thinking skills.
CO4	Ability to calculate probabilities using normal distribution.
CO5	Comprehend Analysis of Variance and critically evaluate ethical implications of statistical methods aligning with human values.(ANOVA)
CO6	Conduct one sample tests in JASP software.

## Semester 4

### 1. Major Course- PSY4CJ203- Child and Adolescent Development

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Describe concepts and theories related to various dimensions of child and adolescent development
CO2	Apply the knowledge of child and adolescent development to real world situations and helps to address various challenges and crisis associated with stages of development.
CO3	Design experiments and conduct psychological tests to analyse different concepts of development to build research aptitude in developmental psychology.
CO4	Critically evaluate theories related to different aspects of development.
CO5	Investigate the intricacies of social and emotional development and create report on it.
CO6	Appreciate various aspects of development like physical, cognitive, social and language through different stages of development by relating it to their own personal journey through life.

### 2. PSY4CJ204 - Foundations of Social Behaviour

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Demonstrate the fundamental definitions, goals, scope and methods of social psychology as a scientific discipline.
CO2	To understand the influence of social perception by nonverbal communication, attitudes and attribution.
CO3	To analyze the impact of group interactions, leadership and social influence on individual behaviour.
CO4	To evaluate the role of social psychology in shaping patterns of interpersonal attraction and prosocial behaviour.
CO5	To be able to implement the role of social behaviour to interpret real-world situations.

### 3. PSY4CJ205 - Biological Basis of Behaviour

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

<b>COs</b>	<b>COURSE OUTCOMES</b>
<b>CO1</b>	Explain the structure and functions of the nervous system and process of Neuronal Communication and brain plasticity
<b>CO2</b>	To understand the Neural Mechanism of sensory processing, movement, internal regulation, emotion, learning and memory
<b>CO3</b>	To explain the role of Endocrine system in regulating behaviour
<b>CO4</b>	To understand the role of Genetics in determining behaviour
<b>CO5</b>	To Critically analyse different assessments and research methods to study brain and behaviour

## Semester 5

### 1. Major Course-PSY5CJ301-Organizational Behaviour

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	The students will be able to understand individual and group behaviour in the organizational context
CO2	The student will be able to explain the concepts related with an organization
CO3	The students will be able to demonstrate required skills to work in groups and teams
CO4	Students will be able to demonstrate interpersonal skills like communication and conflict management
CO5	Students will be able to analyse the challenges and opportunities managers face in applying organizational behaviour concepts
CO6	Students will be able to apply professional skills developed through the course in one's personal as well as professional life

### 2. Major – PSY5CJ302 - Development in Adulthood

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Describe concepts and theories and principles of various domains of adult development like physical, cognitive socioemotional and vocational development.
CO2	Analyse theories of development extended to explain adulthood and helps to address various challenges and crisis associated with ageing and facing death.
CO3	Design experiments and conduct psychological tests to analyse different concepts of development to build research aptitude in adult development.
CO4	Evaluate theories related to different aspects of adult development.
CO5	Investigate the intricacies of social and emotional development and create report on it.
CO6	Appreciate various aspects of development like physical, cognitive, socio-emotional and vocational through different stages adulthood by relating it to real life situations.



### 3. Major -PSY5CJ303- Foundations of Abnormal Psychology

- **Credits:** 4
- **Contact Hours:** 60 Hrs (4L Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	To understand the concepts of Mental health and Abnormal Behaviour.
CO2	To categories mental health issues based on existing classificatory system
CO3	Analyse the interaction of biological, cognitive and sociocultural factors in abnormal behaviour
CO4	To elicit case history and carry out mental status examination
CO5	To Diagnose various mental health issues present in adults
CO6	To be aware of the mental health acts and Government policies

## Semester 6

### 4. Major – PSY6CJ304 - Abnormal Psychology: Exploring the Depths

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2p Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Diagnose various mental health issues present in adults
CO2	Categories mental health issues based on existing classificatory system
CO3	Analyse the interaction of biological, cognitive and sociocultural factors in abnormal behaviour
CO4	Apply the code of ethics in the professional settings.
CO5	Understand the ethics in Psychology and Mental health Professions
CO6	Carryout psychological assessments and analyze the data.

### 5. Major – PSY6CJ305-Introduction To Psychological Research

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2p Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Demonstrate fundamental knowledge in planning scientific research in the field of psychology

<b>CO2</b>	Critically evaluate research studies in terms of ethical principles
<b>CO3</b>	Demonstrate knowledge in basic quantitative and qualitative data analysis
<b>CO4</b>	Write research proposal for scientific study

#### 6. Major – PSY6CJ306- Psychological Counselling

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2p Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

<b>COs</b>	<b>COURSE OUTCOMES</b>
<b>CO1</b>	Have conceptual understanding of counselling process and practice counselling
<b>CO2</b>	Acquire theoretical knowledge and basic skills in the areas of psychological counselling.
<b>CO3</b>	To understand applications of counselling in various settings
<b>CO4</b>	To practice counselling techniques through role plays

## Semester 7

#### 1. Major-PSY7CJ401 - Applied Social Psychology

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

<b>COs</b>	<b>COURSE OUTCOMES</b>
<b>CO1</b>	To recall the theoretical concept and research methods in Applied Social Psychology
<b>CO2</b>	To analyse the social psychological roots of different clinical disorders and treatment plans
<b>CO3</b>	To understand the impact of media violence and aggression on individual behaviour
<b>CO4</b>	To evaluate the role of social psychology in the field of sports and education
<b>CO5</b>	To implement the concepts and theories of social psychology to interpret real-world situations

#### 2. Major-PSY7CJ402 - Health Psychology: Theory and Practice

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)

- **Course Evaluation:** 100 (Internal: 30 & External: 70)

<b>COs</b>	<b>COURSE OUTCOMES</b>
<b>CO1</b>	Demonstrate understanding of key concepts in Health Psychology
<b>CO2</b>	Analyze the impact of stress and pain on health
<b>CO3</b>	Examine the theories of health behaviour changes and assess factors influencing adherence to health behaviours
<b>CO4</b>	Assess various coping strategies and techniques individuals employ to manage stress and adversities
<b>CO5</b>	Explore psychological aspects of terminal and chronic illness
<b>CO6</b>	Able to initiate research in the field of health psychology

### 3. Major- PSY7CJ403 - Rehabilitation Psychology

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Students will demonstrate understanding of disability models, international classification systems, and various types of disabilities, including developmental disabilities and those arising from mental illness.
CO2	Students will interpret stigma, discrimination, and social attitudes towards disability, as well as ethical guidelines, policies, and legislation related to rehabilitation psychology practice
CO3	Students will apply screening methods, assessment tools, and certification processes for individuals with disabilities,
CO4	Students will analyze the rehabilitation process and intervention strategies for specific disabilities, such as behavior management, cognitive rehabilitation, and community-based rehabilitation, considering individual needs and social inclusion.
CO5	Students will integrate ethical guidelines, legal frameworks, and technological advancements, including assistive technology and artificial intelligence applications, into rehabilitation practices
CO6	Students will evaluate professional roles, functions, and the effectiveness of rehabilitation policies, acts, programs, and schemes, proposing improvements and advocating for the rights and inclusion of individuals with disabilities

### 4. Major- PSY7CJ404 - Orientation to Psychological Interventions

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L +2L Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	To understand the process of clinical formulation in major psychiatric disorders
CO2	Able to formulate cases with in different theoretical approaches.
CO3	To learn the approaches to management of major psychiatric disorders
CO4	Apply the contemporary theories and research related to causes and treatments of psychological disorders

### 5. Major- PSY7CJ405 - Human Resource Planning and Development

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3L+2P Hrs/Week)

- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Examine the importance and evolution of Human Resource Development (HRD), demonstrating an understanding of its key functions and activities within the framework of HRM processes.
CO2	Evaluate legal considerations, employee rights, and ethical issues in the context of HRD, ensuring a comprehensive understanding of equal employment opportunities and the ethical dimensions of HR practices
CO3	Apply man power planning techniques, including anticipating needs, analysing and designing jobs, and implementing recruitment and selection processes, showcasing the ability to address problems and limitations in the acquisition of human resources
CO4	Develop skills in man power training and development by outlining the purpose, stages, and various types of training, as well as utilizing different training methods, such as employee orientation, management development programs, and career development techniques
CO5	Demonstrate a comprehensive understanding of performance appraisal concepts, characteristics, and objectives, while also applying different techniques of performance management within an organizational context
CO6	Critically analyse labor relations, collective bargaining, and employee counselling and wellness services and the quality of work life within the context of HRD activities

## Semester 8

### 1. Major- PSY8CJ406 - Assessments in Counselling and Clinical Settings

- **Credits:** 4
- **Contact Hours:** 75 Hrs (3P+ 2L Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	To Describe the process of assessment and role of clinician
CO2	To Identify the appropriate psychological tools to be used in various settings
CO3	To Administer, interpret and report findings ethically
CO4	Able to prepare reports and communicate findings professionally

### 2. Major- PSY8CJ407 - Applied Psychology

- **Credits:** 4

- **Contact Hours:**60 Hrs (4L Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

<b>COs</b>	<b>COURSE OUTCOMES</b>
<b>CO1</b>	Understand the various areas and research methods in applied Psychology
<b>CO2</b>	Apply theoretical knowledge to different Areas of the field
<b>CO3</b>	Design and Develop strategies for managing issues related with environment, youth development, peace building and geriatry
<b>CO4</b>	Design interventions for promoting Sustainability
<b>CO5</b>	Recommend suggestions for policy making in youth Development and geriatry

### 3. Major- PSY8CJ408 - Foundations of Neuropsychology

- **Credits:** 4
- **Contact Hours:** 60 Hrs (4L Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Illustrate the historical development leading to the brain centric approach
CO2	Demonstrate an understanding of some key recent findings about brain plasticity
CO3	Explain the functional neuroanatomy of the brain including impairments and conditions
CO4	Demonstrate an understanding of the basics of neuropsychological assessment (Understand)
CO5	Gain a working knowledge about one of the main neuropsychological assessment tools used in India, including writing report
CO6	Evaluate some of the famous case studies as a means to substantiate the factual learning

### 4. Major- PSY8CJ489 - Advanced Research Methods

- **Credits:** 4
- **Contact Hours:** 60 Hrs (4L Hrs/Week)
- **Course Evaluation:** 100 (Internal: 30 & External: 70)

COs	COURSE OUTCOMES
CO1	Describe the three major research methodologies and their underlying philosophical assumptions
CO2	Compare among various experimental and non-experimental research designs
CO3	To select an appropriate research methodology for a chosen topic of research
CO4	Design a study to address socio-psychological issues





