

## SEMESTER II

### **M2/PSY 01-CT05 : Cognitive Psychology**

#### **Unit I- Attention and Perception :**

Attention :Nature, Functions and Information Processing Theories. Perception- Meaning; Visual Perception- Top down and Bottom up Processing.

#### **Unit II- Intelligence and Creativity :**

Theories of intelligence : Spearman, Thurstone , Thorndika and Guilford, Cattell, Gardner, Sternberg and Goleman.

Creativity : Definition, Steps and Obstacles.

#### **Unit III- Consciousness :**

Consciousness- Meaning and Levels; Consciousness as a Scientific Construct, Theories of Consciousness – Schacter’s Model of Dissociable Interactions and Conscious Experience, Baars’ Global Workspace Theory; Functions of Consciousness.

#### **Unit IV- Language and Executive Processes :**

Language – Basic Principles, Speech and Spoken Word Recognition, Reading and Visual word recognition, Syntax and Semantics, Language Production; Executive Processes- Definition, Executive Attention, Switching Attention, Inhibition of Response, Sequencing and Monitoring.

#### **Unit V- Problem Solving, Reasoning and Decision Making :**

Nature and Structure of Problem, Problem Space Theory, Strategies and Heuristics. Analogical Reasoning: Sub-processes and Theories; Inductive Reasoning: Nature, General and Specific Inductions; Deductive Reasoning. Nature of Decision, Expected Utility Model, Framing Effects and Prospect Theory.

#### **Books Recommended:**

- John B. Best (1994) Cognitive Psychology West Publishing Company.
- Reigler, G.R. and Reigler, B.R. (2008). Cognitive Psychology : Applying the Science of Mind, New Delhi: Pearson Education.
- Solso, R.L. (2004). Cognitive Psychology. New Delhi: Pearson Education.
- Srinivasan, N.Kar B.R. and Panday J. (2010). Advances in Cognitive Sciences. New Delhi; Sage.
- Sterenberg, R.J. (2007). Cognitive Psychology. New Delhi. Cengage learning.
- Smith, E.R. &Kosslyn, S.M.(2011) Cognitive Psychology: Mind and Brain, PHI Learning

### **M2/PSY 02-CT06 : Applied Social Psychology**

#### **Unit – I**

Nature and Scope of Social Psychology, Cognitive Role theories of Social Psychology, Group Interaction Analysis, Sociometry, Content Analysis, Cross – Cultural method.

Socialization : Nature and Process, Agencies of Socialization Principles of Socialization, Social learning Theory.

## **Unit – II**

Social Learning. Developmental views of Self: Erikson, Sullivan and Rogers

Impression Formation. Theories of Attribution: Kelly, Weiner, Jones and Davis.

## **Unit- III**

Leadership : Concept & Nature, Theories of leadership, Situation approach, Trait approach, Functional approach & Fields leadership styles – Autocratic, Democratic, Task oriented, people oriented. Interpersonal Attraction: Concept, Determinants.

Establishing Friendships. Personal Relationships: Self disclosure, Relationship maintenance.

## **Unit – IV**

Aggression : Nature, causes and management; Violence, family violence.

Group : Types, group cohesion, group behaviour, conformity, obedience, compliance.

## **Unit - V**

Prejudice : Nature, Cognitive base, reducing prejudice.

Attitude : Nature, Formation and Change, its theoretical orientation – Festinger's Dissonance and Mc Gurie's Inoculation theory; Functional theory of Kelman, Katz and Smith.

## **Recommended Books**

- Baron, R.A. and Byrne, D. (2003). Social Psychology, New Delhi: Prentice Hall.
- Crano, W.D. Messe, L.A. (1982). Social Psychological Principles and Themes of Interpersonal Behaviour: Dorsey Press.
- Forsyth, D. (1983). An Introduction to Group Dynamics, Monterey, Calif: Brooks Cole.
- Kakkar, S. (1977). Culture and Psychology, Delhi: Oxford University Press.
- Leary, M.R. (Ed). (1995). State of Social Psychology, Issues, Themes, Controversies, London: Sage Publication.
- Lindgren, H.C.(1973). An Introduction to Group Dynamics, Monterey, Calif : Brooks Cole.
- Lindsmith, A.R., Strauss, A.Z. and Densin, N. K. (1988). Social Psychology, New Jersey : Prentice Hall.
- Lindzey, G. and Aronsen, E. (1985). Handbook of Social Psychology (Vol. 1 to 5), New York: Random House.
- McDavid, J.W. and Harari, H. (1968). Social Psychology, New Jersey: Prentice Hall.
- Triandis, H.C. (1994). Culture and Social Behaviour, New York: McGraw Hill.

## **M2/PSY 03-CT07 : Psychological Testing**

### **Unit – I**

Psychological Test: Meaning, Varieties, characteristics, Uses of Psychological Tests. Ethical Consideration in Testing Sources of Bias in Testing.

### **Unit – II**

Construction and Standardization of Psychological Test (with special reference to Achievement test. Item Analysis

**Unit – III**

Reliability, Validity and test Norms - Concept and types.

**Unit – IV**

Psychological Test : Intelligence, Aptitude, Achievement & Interest

**Unit – V**

Personality Tests: Psychometric, Projective, Behavioural, Measurement of Values.

**Recommended Books**

Anastasi, A. and Urbina, S. (2002). Psychological testing. (1st Indian Edition). New Delhi: Pearson Education.

Bhargava. M. (1971). Aadhunik Manovigyanic Parikshan Avam Mapan. Agra: Bhargava Books.

Cronbach, L.J. (1972). Essentials of Psychological testing. New York: Harper and Row.

Freeman, F.S. (1971). Theory and practices of Psychological testing. New York: Oxford.

Singh, A.K. (1986). Tests, Measurements and Research Methods in Behavioural Sciences. New Delhi: McGraw Hill

**M2/PSY 04-CT08 : Psychological Statistics**

**Unit I**

Normal Distribution: Meaning and importance; Properties of Normal Probability Distribution, Skewness and types of Kurtosis.

**Unit II**

Correlation: Meaning and Interpretation of Coefficient of Correlation, Product moment, Rank difference, Biserial, Point Biserial, Tetrachoric, Phi-coefficient.

**Unit III**

Analysis of Variance: One way Analysis of Variance, Two way Analysis of Variance, General Uses and limitations of Analysis of Variance, Interpretation of F Value. t- test, z- test.

**Unit IV**

Non-Parametric Statistics: Difference between Parametric and Non parametric Statistics, Chi-Square Test, Sign Test, Median Test, Mann-Whitney U Test.

### **Unit V**

Regression : Meaning, Types and Uses; Interpretation of Data. Factor Analysis : Meaning, Types and Uses; Interpretation of Data.

#### **Books Recommended:**

- Aron, A. Aron, E. And Coups, E. (2007). Statistics for Psychology. New Delhi, Pearson Education.
- Garrett, H. (1981) Statistics in Psychology and education. Mumbai: Simons.
- Guilford, J.P. (1975) Fundamental statistics in Psychology and education. New York: McGraw Hill
- Siegel, S. (1988) Nonparametric Statistics for Behavioral Sciences. New York: McGraw Hill.

### **M2/PSY 01-CP03 : Practical – I Social Psychology and Testing**

**A student will be required to conduct six practical.**

1. Aggression
2. Group Pressure
3. Leadership
4. Interpersonal attraction
5. Impression Formation
6. Communication
7. Weschler Intelligence Test Battery
8. Ravens Progressive Matrix
9. Neo Five Factor Personality Inventory
10. Practical as suggested by the teacher

### **M2/PSY 02-CT04 : Practical – II Statistics**

**A student will be required to conduct all six practical**

1. t test
2. Correlation
3. Non Parametric (any one)
4. Data Analysis and Computer
5. ANOVA
6. Regression
7. Factor Analysis
8. Normality test
9. Practical as suggested by the teacher

### **M2/PSY 01-Skill01: Understanding Self**

#### **Unit – I**

**Exploration into Self:** Meaning and nature of self: self concept, self esteem and self efficacy, factors determining self esteem. Measurement of self concept, self esteem and self efficacy.

## **Unit – II**

**Motivation:** Meaning, nature and importance, types of motivation, application of theories of motivation for self development.

## **Unit – III**

**Intelligence and Emotion:** Meaning, nature, types, factors influencing intelligence and measurement of intelligence, Meaning, types and expressions of emotions, Emotional intelligence.

## **Unit – IV**

**Communication:** Meaning, nature, types and factors influencing communication, characteristics and mastering communication.

## **Unit – V**

**Indian Psychology and development of self:** Contribution of Yoga and meditation in self development.

Note: students will measure their own intelligence abilities, self concept and self esteem.