

Detailed Syllabus

Semester-I

CC-1: Cognitive Psychology

Course Code:MPSYCCT101

Course Objectives: To provide theoretical as well as applied knowledge of cognitive aspects in Psychology.

Course Outcomes: After completing the course the students will

1. Know about the functions of cognition.
2. Have an in-depth understanding of the process and types of memory
3. Be competent in Understanding Cognitive Psychology and its relation to the phenomenon of learning.
4. Be able to understand and analyze thinking, problem-solving, and decision-making process.

Course Contents:

Unit 1: Introduction

Concept of Cognition, Origin and historical connection of Cognitive psychology with other schools of Thought; Emergence of Modern Cognitive Psychology, Current Status, assumptions and methods of studying cognitive psychology, Indian approach to cognition

Unit 2: Consciousness, Attention and Perception

- I. Function and structure of Consciousness, Modern theories of consciousness, Indian views of consciousness.
- II. Information Processing approach: Attention and Perception, Theories of selective and Sustained attention, Perception: Perceptual organization, Top Down and Bottom up approaches, Subliminal perception, Pattern recognition in perception, Signal detection and Vigilance.

Unit: 3: Learning and Memory

- I. General Phenomenon of learning: Learning vs. maturation, native response Tendencies & Temporary states of the organism (e.g. Fatigue, adaptation and drugs); Classical Theories of learning: Pavlov, Skinner, & Bandura; Neuro-physiology of learning, Learning and motivation
- II. Memory Processes; Models of Memory: Atkinson-Shiffrin, Craik and Lockhart and Baddley Hitch
Types of memory - working memory, semantic, episodic, procedural, eye-witness and flashbulb memory, traumatic and false memory, everyday memory; Approaches to

memory- information processing & connectionist approach, Forgetting: Concept and Theories, Biochemical basis of memory

Unit 4: Decision Making and Problem-solving

Models & theories; Complex and uncertain decision making; Human problem-solving strategies- heuristics and algorithmic; expert and novice problem solvers; Artificial Intelligence.

Unit 5: Emotion

Emotion: Cognitive basis of emotion, Cognitive approaches in emotion: Lazarus, Arnold; Relation of emotion with attention, perception, memory, thinking; Application of cognitive approaches to intelligence and emotion in different fields, Emotional Intelligence

Recommended Books:

1. Baddley, A. (1997). Human memory: Theory and practice. New York: Psychology Press.
2. Edward E. Smith, Stephen M. Kosslyn : Cognitive Psychology, Printice Hall of India, New Delhi
3. Robert L. Solso : Cognitive Psychology, 6th edition, Person Education, Low price edition
4. Smith, E.E. &Kosslyn, (2007). Cognitive psychology: Mind and brain. Prentice Hall.
5. Tripathi, A.N. &Babu, Nandita (2008). Cognitive processes. In Misra, G. (Ed.). Psychology in India: Advances in Research, Vol. 1. New Delhi: Pearson Education.
6. Ronald T. Kellogg : Fundamentals of Cognitive Psychology.
7. Margaret W. Matlin, SunyGeneseo : Cognitive Psychology, 8th edition, International Student Version, Wiley.
8. Eysenck, M.W. (2012). Fundamentals of Cognition (2nd ed.). Psychology Press
9. Goleman, D. (1984). Emotional Intelligence. Bantam.
10. Minda, P.J. (1988). The Psychology of Thinking: Reasoning, Decision Making and Problem-Solving. Sage.
11. Parkin, A. J. (2013). Essential Cognitive Psychology. T & F India.
12. Levinthal C.F.: introduction to physiological psychology (3rd ed) New Delhi, prentice- hill of India private limited, 1990 new York Mc Graw Hill book company
13. Carlson N. R.: foundation of physiological psychology, Boston, Allyn and Bacon inc. 1988
14. Strongman, K. T. (1987). The Psychology of Emotion. Wiley

Semester-I

CC-2: Advanced Research Methodology-I

Course Code:MPSYCCT102

Course Objective: To educate students methods and designs of research used in Psychology and to equip them to take up psychological researches independently.

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

1. Understand the basic features of various types of research undertaken in psychology.
2. Develop skills for conducting experimental studies.
3. To report scientific research properly.
4. Understand the ethical principles of conducting an experiment.
5. Conduct a study with objectivity in a well-planned manner using appropriate research designs.

Course contents:

Unit1: Introduction

The fundamental concept of Psychological Research: Nature and purpose of Research; Types of research- Descriptive, exploratory, causal and applied research; Quantitative and Qualitative research methods

Unit: 2: Essentials of Psychological Research

- I. Psychological research process: Formulation of research problem and hypothesis; Choosing research design; Identifying variables; Control of extraneous variables; Sampling techniques and data collection; Data analysis and interpretation; Ethics and norms of scientific research
- II. Research tools for data acquisition: Observation, interview, Questionnaires, survey method, and Psychological testing

Unit: 3: Essentials of psychological testing

Construction of psychological test: Steps of test construction, Guideline for item writing, item analysis, Reliability: types, computation, factors affecting the reliability, Validity: types, computation, factors affecting the validity, Norms: types of norms: percentile rank, standard score norms

Unit: 4: Research Design

Experimental research designs - Basic principles, Randomized groups, matched groups. Factorial designs, Between and within group designs; a-priori and post-hoc comparisons

Unit 5:

Steps of writing research proposals, Reporting research for journal articles and theses (APA style- American Psychological Association, 2010).

Recommended Books:

1. Singh A.K. (2006). 5th ed. Tests, Measurement and Research Methods in Behavioural Sciences. Patna: Bharati Bhavan.
2. Breakwell, G.M., Smith, J.A., & Wright, D.B. (2012). Research methods in psychology(4thed.). Sage.
3. Bridget, S. & Cathy, L. (Eds.) (2008). Research methods in the social sciences. New Delhi: Vistaar Publication.
4. Broota, K.D. (1992). Experimental Design in Behavioural Research. ND: New Age International Pub.
5. Cohen, L., Manion, L., & Morrison, K. (2000). Research methods in education (5thed.). London: RoutledgeFalmer
6. Kothari, C.R. (1990). Research Methodology: Methods and Techniques. WishwaPrakashan Calcutta, Second edition.
7. Nestor, P.G. & Schutt, R.K. (2011). Research methods in psychology: Investigating human behavior. Sage
8. Mohsin, S.M: Research methods in Behavioural Sciences. Hyderabad: Orient Longman, 1984.
9. Kerlinger, F.N.: Foundation of behavioural research New York. Holt. Rineheart and Winston 1974.
10. Gravetter F.J. & Forzano L.B.: Research Methods for the Behavioural Sciences.
11. McGuigan.F.J. (1997). Experimental Psychology: Methods of Research (7th Ed.). Upper saddle River N.J.: Prentice Hall
12. American Psychological Association [APA] (2020). Publication Manual of the American Psychological Association, 7th Edn. Washington, DC: American Psychological Association.

Semester-I

CC-3: Application of Statistics (Parametric) in Behavioral Sciences -I

Course Code:MPSYCCT103

Course Objectives: To impart the theoretical knowledge of statistical methods and their application in psychological research .

Course Outcomes: After completion of the course, the student shall be able to understand to:

1. Articulate basic principles and utility of various statistical methods.
2. Identify the importance of parametric assumptions and consequences of estimating statistical parameters.
3. Apply parametric statistical methods for testing research hypotheses.

Course Contents

Unit: 1

Introduction: Inferential statistics - Parametric and nonparametric.; univariate, bivariate and multivariate statistics; Data screening and perpetration for statistical analysis

Unit: 2

Normal Probability Curve and Deviation (Skewness and Kuetosis), Statistical hypothesis testing, Type of errors in hypothesis testing, Level of significance.

Unit: 3

Inferential statistics: t, test- concept, assumptions, calculation; Analysis of variance- concept, assumptions, calculation and uses of one-way and two ways ANOVA. Post-hoc comparisons; Multivariate Analysis of Variance;

Unit : 4

Correlation statistics- Product Moment, Rank order, Biserial ,point-biserial, partial and multiple Correlation.

Unit: 5

Exploring relationship: Multiple regression analyses -Simultaneous, hierarchical and Statistical strategies; Interpretation and tabular presentation of results.

Recommended Books:

1. Seigal, S.: Non-Parametric Statistics for Behavioural Science. New York: McGraw Hill. 1956.
2. Garrett, H.E.: Statistics in Psychology and Education. New York Longman, 1950.
3. Broota, K.D.: Experimental Design in Correlational Research. New Delhi: Wiley Eastern 1989.
4. Mangal, S.K. (2012). Statistics in Psychology and Education (2nd Ed.). NewDelhi: PHI Learning Pvt. Ltd.
5. Walker, H.M.: Statistical Inference. New York: Hdt. Rinehart and Winstone, 1953.
6. Thorndike, M.: Correlational Procedures for Research. New York : Gardner Press. 1978.
8. Chadha, N. K. (1998). Statistical methods in behavioural and Social Sciences. ND: Relaince Pub. House.
9. Meyers, L. S., Gamst, G. &Guarino, A.J. (2008). Applied multivariate Research: Design and Interpretation.
10. Das, D. & Das, A. (2008). Statistics in Biology and Psychology. AcademicPublishers, Calcutta, (Latest edition)

Semester-I

CC-4: Theories of Personality

Course Code:MPSYCCT103

Course Objectives: To gain knowledge of concepts constituting the major theories of personality and how they explain human behavior.

Course Outcomes: After completion of the course, the student shall be able to understand to:

1. Compare and contrast personality theories on the basis of scientific criteria.
2. Critically appraise research findings in personality psychology
3. Make connections across various theoretical perspectives to see how they each can contribute to a more complete understanding of human behavior.
4. Apply course concepts to their understanding and interpretation of real-life situations.

Unit 1: Introduction

Personality: Concept and nature; Basic issues related to the study of personality. Eastern and Western perspectives, Determinants of Personality, Nomothetic and Idiographic Perspective

Unit 2: Psychodynamic approaches

Freud, Adler, Jung and Erikson

Unit 3: Behaviouristic and social learning approaches, Feminist theory

Skinner, Bandura, Mischel, and Horney

Unit 4: Humanistic and Cognitive approaches

Rogers, Maslow and Kelly.

Unit 5: Trait and type approach

Allport, Cattell, Eysenck, Friedman and Rosenman, Big-five and HEXACO Model of personality, Application of personality theories in different fields.

Recommended Books:

1. Cervone, D. & Lawrence, P.A. (2013). Personality Psychology (ed.12).New York: Wiley.
2. Cloninger S.C. (2012).Theories of Personality: Understanding Persons (6th Edition).Pearson Education
3. Feist, J. &Fiest, G. J. (2009). Theories of personality. New York: McGraw Hill.

4. Friedman, H. S. & Schustack, M. W. (2003). Personality: Classic theory and modern research (2nd ed.). Singapore: Pearson Education.
5. Hall, G. C., Lindzey, G., & Campbell, J. C. (1998). Theories of personality (4th ed.). New York: Wiley.
6. Larsen, R. J., & Buss, D. M. (2013). Personality Psychology: Domains of knowledge about human nature (5th ed.). New York: McGraw Hill.
7. Mishra G, & Mohanty A. K. (2002). Perspectives on Indigenous psychology (edited). New Delhi: Concept Publishing Company.
8. Larry A. Hjelie and Daniel J. Ziegler (1992). Personality Theories: Basic Assumptions, Research and Applications. McGraw-Hill.
9. Schultz, D. P. & Schultz, S. E. (2013). Theories of Personality. Cengage.
10. Wiggins, J. S. (Ed.). (1996). The Five-Factor Model of Personality: Theoretical Perspectives. New York: Guilford Publications.

Semester-I

CC-5: Experimentation in Psychology

Course Code: MPSYCCP105

Experimentation in Psychology

1. Retroactive and Proactive Inhibition
2. Habit Interference
3. Bilateral transfer of training
4. Effect of Knowledge of result on performance
5. Zeigarnik Effect
6. Problem solving

Recommended books:

1. D' Amato, M. R.: Experimental Psychology: Methodology, (1970): Pscho-Physic & Learning, New York: McGraw Hill.
2. Woodworth, Robert S. & Schlosberg, Harold (1971); Experimental Psychology, Culcutta: Oxford & IBH Publishing Co.
3. Mohsin, S.M. (1974). Experiments in Psychology. New Delhi: Oxford publications.
4. McGuigan, F.J. (1990). Experimental Psychology: A Methodological Approach, Prentice Hall.
5. Kling, J. W.; Riggs, Lorrin A. (1972). Experimental Psychology. Published by Holt, Rinehart and Winston, Inc.
6. Baker, L.M., Weisiger, C. & Taylor, M.W. (1960). Laboratory experiments in general psychology. Oxford Univ. Press.

7. Debold, R.C. (1968). Manual of contemporary experiments in psychology. Prentice-Hall
8. Collins, M. & Drever, J. (1930). Experimental Psychology. London: Methuen & Co. Ltd
9. Jalota, S. (1962). Experiments in psychology. Asia Publishing House

Semester-I

CC-6: Psychological testing

Course Code: MPSYCCP106

1. Personality assessment using any projective test: TAT, RIBT
2. NEO PI-R (FFI) test
3. Cattell's 16 P.F.
4. Personality assessment from Indian perspective (triguna, anashakti etc.)
5. Intelligence test- WAIS & WISC / Malin's Intelligence Scale for Indian Children

Recommended books:

1. Anastasi, A. & Urbina S. (1996). Psychological Testing, Pearson, First Edition.
2. Singh, A.K. (1988). Tests, Measurements and Research Methods In Behavioural Sciences. Tata McGraw Hill, New Delhi.
3. Kaplan, R.M. & Saccuzzo, D.P. (2007). Psychological Testing: Principles, Applications, and Issues. Australia: Thomson Wadsworth.
4. Gregory, R.J. (2005). Psychological testing: History, principles and applications. New Delhi: Pearson Education.
5. Freeman, F.S. 3rd ed. (1965). Psychological testing. New Delhi: Oxford & IBH Publishing Co. Pvt. Ltd.
6. Cronbach, L. J. 5th ed. (1990). Essentials of psychological testing. New York: Harper Collins Publishers:
7. Kline, P. (1983). Personality measurement and theory. Hutchinson.
8. Test manuals of respective tests.

SEMESTER-II

CC-7: Major Psychopathology

Course Code: MPSYCCT201

Course Objectives: To provide an understanding of the symptoms and etiology of major neurotic, psychotic, and substance related disorders to the learners.

Course Outcome:

1. Comprehensive understanding of clinical picture, etiology and prognosis of different Mental and Behavioural Disorders
2. Understanding and application of DSM-5 for the classification and diagnosis of mental disorders
3. Critically evaluate different theoretical approaches to etiology and treatment of psychopathology.

Course Contents:

Unit I: Introduction to Psychopathology

Different models of psychopathology: Psychoanalytic, Behavioural, Cognitive, Biological Models. Diagnostic Classification of mental and behavioural disorders. Stigma and mental disorders.

Unit 2: Schizophrenia:

Diagnostic criteria and symptoms, Etiology and treatment of Schizophrenia. Other psychotic Disorders: Schizoaffective and Delusional disorder.

Unit 3- Obsessive Compulsive and related disorders

Symptoms, Etiology, Theoretical perspectives of Obsessive compulsive disorder, Body dysmorphic disorder, Pathological gambling, Hypochondriasis , Tic disorders , Trichotillomania and Treatment .

Unit 4: Mood disorder

Symptoms, Etiology, Characteristics of affective syndromes Dysthymia, Cyclothymia, Major depression, Bipolar disorder

Unit: 5 Substance related disorder

Diagnosis, Types -Substance abuse & Substance dependence , Etiology of Substance related disorders: Psychological and Socio-cultural factors, Treatment.

Recommended Books:

1. American Psychiatric Association (2013): Diagnostic and statistical manual of mental disorder: DSM-5. American Psychiatric Pub.
2. King, A.M., Jhonson, S.L., Davison, G.C. & Neale J.M (2014) : Abnormal Psychology: An Experimental Clinical Approach. New York: John Wilay & Sons, Inc.
3. Butcher, J.N., Mineka, S., & Hooley, J.M. (2015) : Abnormal Psychology & Modern Life (15th Ed.) New Delhi: Pearson

4. Carson, R.C. & Butcher, J.N. (1992) : Abnormal Psychology & Modern Life New York: (9th Edition) Haper & Collins New York.
5. Sarason, I.G. & Sarason, B.R. (2014) : Abnormal Psychology: The problem of Maladaptive Behaviour (10th Ed.) New Delhi: Pearson Education
6. Barlow, D.H. & Durand, V.M. (2004) : Abnormal psychology: An integrative approach (4th Ed.) Pacific Grove: Brooks/Cole.
7. Davison, G.C. & Neale, J.M. Rosen, J.F.Gregory (1990) Abnormal Psychology New York: John Wilay & Sons.

Semester-II

CC-8: Advanced Research Methodology-II

Course Code: MPSYCCT202

Course Objective: To train students in non-experimental research methods and designs.

Course Outcomes: After completion of the course, the student shall be able to understand:

1. The nature of qualitative inquiry
2. The basic knowledge of how to carry out qualitative research with an emphasis on survey research, corelational and mixed method research.
3. How to carry out qualitative data analysis.
4. To interpret the qualitative data.
5. The important components of documentation of qualitative research report

Course Contents:

Unit:1

Application and relevance of Qualitative research designs, Merits and demerits. Distinctive features of Qualitative Data Analysis and documentation of qualitative research, Issues related to interpretation of qualitative data in writing research report.

Unit: 2

Qualitative research characteristics and methods:- Ethnographic method, Case study, Phenomenological, and Narrative Approach, Grounded theory

Unit: 3

Non-experimental research designs:- Correlational, Quasi experimental (types of Quasi-experimental Designs: Non-equivalent control group design, Interrupted time series design and

multiple time series design) and ex-post-facto designs, Single subject design, longitudinal and cross-sectional designs.

Unit: 4

Meaning and characteristics of Mixed Methods Design, Need and importance of Mixed-Designs in Education & Psychological Research, Type of Mixed Methods Designs: Parallel and Sequential.

Unit: 5

Multivariate Research Designs :- Factor analysis- Basic terms, overview of extraction methods, Overview of rotation methods, higher order factor analysis, Confirmatory factor analysis, Other multivariate techniques- Multiple regression, multivariate analysis of variance, discriminate functions analysis, canonical correlations, and path analysis and structural equation.

Recommended Books:

1. Kerlinger F.N. (1983). : Foundations of Behavioral research. Surjeet Publications: Delhi.
2. David Dooley (1995). : Social Research methods. Prentice-Hall: New Delhi.
3. Mertens, D.M. (2005) : Research and evaluation in education and Psychology. Integration diversity with quantitative, qualitative and mixed methods, New Delhi; Sage.
4. . Gravetter F.J. & Forzano L.B.: Research Methods for the Behavioural Sciences.
5. Breakwell,G.M. Hammond, S. & Fife-Schaw C. (1995) (Eds.) : Research Methods in Psychology, New Delhi: sage.
6. Edwards, A.L. (1985). Experimental designs in psychological research. Harper & Row.
7. Hair, J.F., Anderson, R. E., Tatham, R.L., & Black, W.C. (2003). Multivariate data analysis (5th ed). ND: Pearson Education, Inc.
8. Kothari, C. R. (1985). Research methodology: Methods and techniques. New Delhi: Wiley Eastern Ltd.

Semester-II

CC-9: Application of Statistics(Non- Parametric) in Behavioural Sciences-II

Course Code: MPSYCCT203

Course Objectives: To impart the theoretical and applied knowledge of non-parametric statistical methods in psychology.

Course Outcomes: After completion of the course, the student shall be able to:

1. Understand basic principles of non-parametric statistical methods.
2. Differentiate between non-parametric and parametric statistical methods.
3. Develop working knowledge of calculating statistics and interpretation of results.
4. Apply non-parametric statistical methods for testing research hypothesis.
5. Choose an appropriate non-parametric statistical method based on nature of data.

Course Contents:

Unit: 1

Distinctive features of Parametric and Non-parametric statistical tests, Choosing an appropriate Statistical Test: Model, efficiency and measurement.

Unit: 2

Non-parametric statistics, uses and computation: Chi-Square, Median test, Wilcoxon test, Mann-Whitney U-test, Kolmogorov-Smirnov one- and two-sample tests

Unit: 3

Kruskal-Wallis H test, Friedman two way analysis of variance, Kendall's coefficient of concordance.

Unit: 4

Phi-coefficient: Uses and computation, Tetrachoric correlation: Uses and computation, Contingency coefficient: Uses and computation, Comparison of Phi-coefficient and Tetrachoric correlations.

Books Recommended:

- 1 N. M. Dowine : Basic Statistical methods, Harper and Publishes New York.
- 2 Mc Nemar Q. : Psychological Statistics, 3rd Ed. New York, John Wiley 1962.
3. Seigel, S. Non-Parametric Statistics for Behavioural Science. New York: McGraw Hill. 1956.
4. Garrett, H.E. : Statistics in Psychology and Education. New York:Longman, 1950.

5. Edward, A.E. : Experimental Design in Psychological Research (3rd ed.) New Delhi: American Publishing Co. 1971.
6. Broota, K.D. : Experimental Design in Correlational Research. New Delhi: Wiley Eastern 1989.
7. Thorndike, M. : Correlational Procedures for Research. New York : Gardner Press. 1978.
8. Gupta S.P. : Statistical Methods, Sultan Chand and Sons, New Delhi

Semester-II

CC-10: Advanced Social Psychology

Course Code: MPSYCCT204

Course Objectives: To help students understand the application of social psychology in real life setting.

Course Outcome: After completion of the course, the student shall be able to.

1. Understand the evolution of applied field of social psychology.
2. Apply different theories to understand the formation of attitude.
3. Understand the process of attitude change.
4. Understand the pro- social behaviour.
5. Identify and discuss issues related to inter group relations.

Course Contents:

Unit: 1

Social psychology: meaning and nature. 2. Brief history of Social Psychology, Social Psychology in the New Millennium

Unit:2

Research methods and application of social psychology: Naturalistic observation – Non participant and participant observation, Archival research, Experimental method, Correlational method.

Unit:3

Social Cognition: Meaning and Approaches – attribution approach, schema approach.

Unit: 4

Attitude: Meaning and Formation of attitude, Attitude – Behaviour link; Influence of attitude on behaviour; factors responsible for such influence, Attitude change: Approach to attitude change. Persuasion approach – cognitive approach to persuasion, systematic processing, heuristic processing and elaboration likelihood model, Attitude change overtime- Spontaneous attitude change, Persistence of attitude change, Attitude Resistance to change

Unit : 5

Concept of Pro-social behaviour, Latency Darley's five steps model; situational factors: Attraction, Attributions and Pro-social models, Theories of pro-social behaviour: Empathy - Altruism theory; egoistic theory; genetic selfishness.

Unit: 6

Concept and meaning of interpersonal attraction: Factors affecting interpersonal attraction: Proximity, familiarity and similarity. Theories of interpersonal attraction: Reinforcement theory, complementary theory and exchange theory. Theories of inter group relations: Social identity theory, Realistic conflict theory, Equity theory.

Recommended Books:

1. Baron, R.A. & Byrne, Donn : Social Psychology – Understanding Human Interaction. Fifth Edition Prentice Hall of India, Private Ltd. New Delhi. 1988.
2. Baron, R.A. & Byrne, Donn : Social Psychology – Tenth Edition, Prentice Hall of India, Private Ltd. New Delhi. 2003.
3. Berkowitz, Leonard : A survey of Social Psychology. Third Edition. CBS, Publishing Japan Ltd. 1986.
4. Jones, E.E. & Gerard, H.B. : Social Psychology: John Wiley Sons. 1967.
5. Feldman, R.S. : Social Psychology. Second Edition. Prentice Hall, Upper Saddle River, New Delhi. 1988.

Semester-II

CC-11: Computer Application in Psychology

Course Code: MPSYCCT205

Course Objective: To impart the theoretical and practical knowledge of statistical methods and computation of statistical test through computer and how to use software like Excel and SPSS for data analysis.

Course Outcomes: After completion of the course, the student shall be able to:

1. Understand basic principles of computer application in psychology.
2. Use data analysis software: Excel and SPSS.
3. Enter, Read, Screen, and transform the data.
4. Apply SPSS to analyze data.
5. Interpret data output.

Course Contents :

1. MS Office (MS Word, Power Point, MS Excel).
2. Overview of IBM Statistical Package for Social Science (SPSS).
3. Data entry, screening, transformation and computation of new variable, Output management.
4. Estimation of Frequency and Descriptive Statistics, Preparation of Charts/Graphs.
5. Compare Means: t-test (Independent and Correlated).
6. One way Analysis of Variance (ANOVA) with Multiple Comparison Test.
7. Correlational techniques (Pearson 'r' and Spearman 'rho').
8. Exploratory Factor Analysis: Concept, Uses and Computation.
9. Simple and Multiple regression analysis: Concept, Uses and Computation.
10. Item analysis: Meaning and purpose, difficulty and discrimination indices.
11. Reliability types, computation and factors affecting the reliability.
12. Validity types, computation and factors affecting validity.
13. Norms: Definition and nature, percentile ranks, Z, T, Stanine scores.
14. Test Manual: Preparation and publication

Recommended Books:

1. Bayard, P. & Grayson, A. (1976). Introducing psychological research. London: MacMillan.

2. Singh, A.K. (2002). Tests, Measurements and Research Methods in Behavioural Sciences. Patna: Bharti Bhawan
3. IBM SPSS brief guide (online)
4. Sabine, L. & Brian S. E. (2004). A Hand Book of Statistical Analyses using SPSS. Chapman & Hall/CRC Press LLC
5. Arthur Griffith (2010). SPSS for Dummies. Wiley Publishing, Inc.

Semester-II

CC-12: Practicum –Based on Psychopathology and Social Psychology

Course Code: MPSYCCP206

1. Diagnosis of psychological issue by MMPI-2 , Rorschach Test
2. Semi-structured interview for diagnosing psychological disorder
3. Assessment of psychiatric/ mental health problems in elderly
4. Assessment of ADHD in children
5. Measurement of attribution bias
6. Assessment of aggression
7. Measurement of Self efficacy
8. Interpersonal sensitivity

Optional/Elective papers will be available in Semester IIIrd and IVth