

GC UNIVERSITY FAISALABAD



Scheme of Studies

POST MAGISTRAL DIPLOMA IN CLINICAL PSYCHOLOGY

**2 Semesters / 01 year Diploma Program for the
year 2015 and onward**

Department of Applied Psychology

POST MAGISTRAL DIPLOMA IN Clinical Psychology
OUTLINE OF CORE COURSES FOR PMD IN
CLINICAL PSYCHOLOGY

Course Code	Course Title	Credit Hours
<u>Semester – I</u>		
C. Psy-801	Research Methodology and Statistics in Clinical Psychology-I	04(3-1)
C. Psy-802	Psychodiagnosis and Assessment-I	03
C. Psy-803	Psychotherapy –I	03
C. Psy-804	Psychophysiology & Psychopharmacology-I	03
C. Psy-805	Internship	04
Total		17
<u>Semester – II</u>		
C. Psy-811	Research Methodology and Statistics in Clinical Psychology-II	04(3-1)
C. Psy-812	Psychodiagnosis and Assessment-II	03
C. Psy-813	Psychotherapy –II	03
C. Psy-814	Psychophysiology & Psychopharmacology-II	03
C. Psy-815	Internship	04
Total		17
<u>Summer Semester</u>		
C. Psy-810	Internship	04
G. Total		38

Eligibility Criteria for Post Magistral Diploma Leading in Clinical Psychology

Duration: One year

Post Magistral Diploma (PMD), consisting of two Semesters and one Summer Semester of 8 weeks (only for Internship).

Eligibility for Admission in PMD. M.A / M.Sc/ BS Hons (4 years) (minimum second class) in Psychology and its allied fields/equivalent, from a Recognized University. Candidates will have to go through the Academic and personality assessment and interview.

Eligibility for Award of Post Magistral Diploma (Duration 1 year)

Successful completion of a total of 38 Credit Hours [(26 Credit Hours of course work and 12 Credit Hours of Internship (minimum of 100 Psychotherapy sessions/hours (recorded) and 10 Psychodiagnostic Reports)].

SEMESTER 1st

Name of Course **RESEARCH METHODOLOGY AND STATISTICS IN
CLINICAL PSYCHOLOGY-I**

Clinical. Psy. 801
Credit Hours 04(3-1)

Objectives

- The course designed to familiarize the students with all aspects of research processes from generation of research idea to data collection, analysis, and interpretation of findings.
- The course also aims to develop scientific reasoning and understating of link between theory and empirical investigation

CONTENTS

- Introduction
 - Definition and importance of research
 - Scientific and Ethical Foundations of Research
 - Scientific and non-scientific methods
- Types of research
 - Quantitative and Qualitative Research
 - Basic and applied research
 - phenomenological
- Research Designs and types of Research Design
 - Experimental Research Design
 - Correlational Research Design
 - Longitudinal and cross sectional Research Design
 - Case study methods
- Theory and Hypotheses Evaluation in Research
- Subject Selection and Sampling
 - Probability and non probability sampling
 - Advantages and disadvantages of each type
- Methods of data collection
 - The Interview,
 - Questionnaires
 - Observation
 - Content Analysis,
- Test/Questionnaire Construction
- Measurement,
 - Types of measurement
 - Reliability and validity
 - Measurement scales
 - Scaling Methods
 - Dichotomous scales
 - Guttman scale
 - Likert scale
 - Thurston scale
- Research in Psychotherapy
- Ethical Issues in Research,
 - APA codes of ethics
 - APA report writing

Practical

- Students will write a Research Report.

BOOKS RECOMMENDED

- Barker, Chris and Pitsrang, Nancy (1994) Research methods in Clinical and Counseling Psychology. John Wiley and Sons.

Scheme of Studies PMDCP

- Bean, M. L. (1954) Construction of Educational and Personnel tests. McGraw Hill, New York.
- Clark-Carter, D. (2004). Quantitative psychological research: A student's handbook. New York: Psychology Press.
- Davis, S. F., & Smith, R. A. (2005). An introduction to statistics and research methods: becoming a psychological detective. New Jersey: Pearson Prentice Hall.
- Elmes, D.G., Kantowitz, H.L., & Roediger, H.L. (2003). Research methods in psychology (7th ed.). Belmont: Wadsworth/Thomson Learning.
- Fisher, R.A. (1950) Statistical Methods for Research Workers. Oliver Boyd, Edinburg.
- Friedman, N. (1968) The Social Nature of Psychological Research. Basic Books, New York.
- Hymen, H., Cobb, W, Feldman, J., Hart, C., and Stember, C.H.(1954) Interviewing in Social Research. University of Chicago Press, Chicago.
- Jacobs,O. A (1970) Guide for Developing Questionnaire Items. National Technical Information Service, U.S. Department of Commerce Springfield, Va.
- Kerlinger, F.N., & Lee, H.B. (2000). Foundations of behavioral research (4th ed.). Belmont: Wadsworth/Thomson Learning.
- Lewin, M. (1979) Understanding Psychological Research. John Wiley & sons Inc. New York.
- Mook, D.G. (2001). Psychological research: the ideas behind the methods. New York: W.W. Norton & Company.
- Roberts, M.C., & Ilardi, S. S. (2003). Handbook of research methods in clinical psychology. Oxford: Blackwell Publishing.
- Shaughnessy, J.J., Zechmeister, E.B., & Zechmeister, J.S. (2000). Research methods in psychology (5th ed.). New York: McGraw-Hill.
- Plutchik, R. (1974). Foundation of Experimental research. (2nded). Harper & Row, New York,

Name of Course PSYCHODIAGNOSIS AND ASSESSMENT-I

Clinical. Psy. 802

Credit Hours 03

Objectives

- To introduce the students to the basic theoretical psychometric concepts and use of psychological tests.
- Main course objectives include understanding of the basic principles of psychological measurement and the techniques of test construction, administration, and validation. Test rationale, construction, characteristics and the use of evaluation are emphasized.
- To understand assessment and evaluation of individuals, groups, and specific populations.

CONTENTS

- Introduction
 - What is Psychodiagnosis
 - Importance of Psychodiagnosis & Assessment

- Definition, nature, uses and limitations of Assessment
- Importance of Assessment
- Modes of Assessment
- Diagnosis and Use of DSM IV TR
 - Multi-Axial System
 - Substances-related disorders
 - Disorders usually first diagnosed in Infancy, Childhood and Adolescence
 - Schizophrenia & other Psychotic disorders
 - Mood Disorders
 - Somatoform Disorders
 - Factitious Disorders
 - Anxiety Disorders
 - Dissociative Disorders
 - Sexual and Gender Identity Disorders
 - Eating Disorders
 - Impulse-Control Disorders
 - Sleep Disorders
 - Adjustment Disorders
 - Delirium, Dementia, Amnesia and other Cognitive Disorders
 - Personality Disorders
- Clinical Interviewing
 - Types of Interview
 - Psychometric Aspects of Interview
 - Cultural Aspects of the interview
 - Case History Data
- Administration, Scoring, Interpretation of Psychological Tests
 - Neuropsychological Tests.
 - Intelligence Tests
 - Personality Tests

- Achievement & Vocational Tests
- Ability & Aptitude Tests

BOOKS RECOMMENDED

- Butcher, J. (1979) New Developments in use of the MMPI. University of Minnesota Press, Minneapolis.
- Colby, K. A. (1951). Primer for Psychotherapists. John Wiley & sons, New York.
- Cole, M and Scribner, S. (1974). Culture and Thought. John Wiley & sons, New York.
- Dahlstrom, W. and Dahlstrom, L. (1980). Basic Reading on the MMPI. University of Minnesota Press, Minneapolis.
- Dahlstrom, Wand Welsh, G. (1982) An MMPI Handbook. University of Minnesota Press, Minneapolis.
- Diagnostic Statistical manual (IV). American Psychiatric Association Washington.
- Fromrn Reich man, F. (1950). Principles of Intensive Psychotherapy. The University Chicago Press, Chicag.
- Gambrills, E. (1978). Behavior Modification: Handbook of Assessment, Intervention and Evaluation. Jossey- Bass, California.
- Golden, C. (1981). Prognosis and Rehabilitation in Clinical Neuropsychology. Charles C. Thomas, Illinois.
- Goosdenough, F. (1926). The measurement of Intelligence by Drawing. World Books Company, New York.
- Groth-marnat, G. (2005). Handbook of psychological assessment (4th ed.). New Jersey: John Wiley & Sons.
- Hutt. S.J. (1970). Direct Observation and measurement of behavior Charles C. Thomas, Pub. Illinois.
- Plante, T.G. (2005). Contemporary Clinical Psychology (2nd ed.). New Jersey: John Wiley & Sons.

Name of Course PSYCHOTHERAPY -I

Clinical. Psy. 803
Credit Hours 03

Objectives

- To understand and change the abnormal behavior, cognition, and emotions through the application of psycho-therapeutic principles and techniques
- To equip the students with a strong knowledge, skill and acumen in the detection, evaluation and diagnosis of various psychological conditions

CONTENTS

- Introduction to Psychotherapy
 - Definition, scope and aims of psychotherapy

- Goals and limitations of psychotherapy
- types and classification of psychotherapy (supportive, re-educative & reconstructive psychotherapy)
- Variables affecting the process of psychotherapy
- Do's and Don'ts of psychotherapy
- Personality and Psychotherapy
 - Gender and Psychotherapy
 - Qualities of a good psychotherapist
- Patient and Psychotherapist needs and expectations
- Ethical issues in psychotherapy
- Psychopathology
 - Multi-axial diagnostic system according to DSM-IV-TR
 - Diagnostic criteria of all mental disorders according to DSM-IV-TR
- Phases of psychotherapy
 - Early phase
 - a) Intake interview
 - b) Establishing Rapport
 - c) History –taking and identifying problems
 - d) Use of assessment and assessment techniques
 - Middle phase
 - Late phase
 - Termination
- Management in psychotherapy
 - Management of special problems
 - Management of borderline and adolescents

- Management of children and adults

BOOKS RECOMMENDED

- Axline, V. M. (1976). Play Therapy. Ballantine Books, N. Y.
- Bannister, D. (1975). Issues and Approaches in the psychological Therapies. John Wiley and Sons, London.
- Bruch, H. (1974). Learning Psychotherapy. Harvard University Press Cambridge.
- Bugental, J. F.T. (1978). Psychotherapy and process. Addison Wesley Publishing Co. California. Cantor, B.M. and Glucksman, L.M. affect: Psychoanalytic Theory and Practice. John Wiley and son's Inc. N .Y. 1983.
- Chertok, L. and Saussure de R. (1979). Therapeutic Revolution. Brunner / Mazel Inc. N, Y.
- Ekstein, R. the Teaching and learning of psychotherapy. Basic Books Inc. N. Y. 1958.
- Corsini, R.J., & Wedding, D. (2005). Current psychotherapies (7th ed.). Belmont: Brooks/Cole-Thomson.
- Freud, S. (1971). The complete introductory lectures on psychoanalysis. London: George Allen & Unwin.
- Giovacchini, P. L. (1975). Tactics and Techniques in psychoanalytical Therapy. Vol. II Jason Arosen, Inc.
- Goldstein, P .A. and stein, N(1976). Prescriptive Psychotherapies. Paragon Press Inc. N. Y. Gil1is, J.S. Social Influence in Psychotherapy. Pilgrimage Press, 1979.
- Hendricks, I. (1939.) Facts and Theories of Psychoanalysis. Alfred A. Knopf. Inc. Kell, L. B. Impact and change. Appleton Century Crofts, New York 1966.
- Lambert, M. L., Christensen, R. E., and Dejulion, S .S. (1983). The Assessment of Psychotherapy Outcome. John Wiley and sons, New York .
- Laughlin, H.P. (1970). The Ego and its Defenses. Educational Division Meredith Corporation, N. Y. Martin, G.D. Introduction to Psychotherapy
- Plante, T.G. (2005). Contemporary Clinical Psychology (2nd ed.). New Jersey: John Wiley & Sons.
- Sharf, R.S. (2000). Theories of psychotherapy and counseling: Concepts and cases (2nd ed.). Belmont: Brooks/Cole-Wadsworth.
- Wadsworth Publishing Co., Inc. Belmont. California.
- Wolberg, L. (1969). Short Term Psychotherapy. Grune and Stratton New York.

Name of Course PSYCHOPHYSIOLOGY & PSYCHOPHARMACOLOGY -I

Clinical. Psy. 804

Credit Hours 03

Objectives

- To understand the present methodologies and concepts of psychopharmacology / neuroscience.
- To equip students with knowledge of physiological bases behavior and its relation to pharmacology.

CONTENTS

- **Introduction and Role of psychophysiology & psychopharmacology**
 - Definition of Psychophysiology & Psychopharmacology
 - A brief introduction & role in the society

- A brief discussion on the various psychological terms
- **History of Psychopharmacology**
 - Historical introduction in various phases
 - Role of various scientists
- **Detailed Structure of Nervous system and Neuron**
 - Neuron and all the other supporting cells of CNS
 - Brief anatomical physiology of all parts of fore brain, mid brain & hind brain.
- **Functions and localization of nervous system and brain**
 - Functions of various important brain structure i.e., cerebral cortex, various nuclei, limbic system, Reticular formation, CSF, Thalamus, hypothalamus, Amygdala, medulla, cerebellum and various lobes.
- **Neurology and Psychology**
- **Drug Action in the Nervous System**
 - Classification and role of neurotransmitters which have potential in pathophysiology of psychological illness.
 - Mechanism of various drug actions with relevance to psychological abnormalities.
- **Classification of Drugs.**

BOOKS RECOMMENDED

- Carlson, N.R. (2005). Foundations of physiological psychology (6th ed.). New York: Pearson/Allyn and Bacon.
- Gills, R. and Balthazart, J. (1985). Neurobiology: Current Comparative Approaches. Springer, Gilroy, J. Medical Neurology. 3rd Edition, Macmillan Publishing, 1979.
- Golden, J. (1981). Diagnosis and Rehabilitation in Clinical Neuropsychology. Charles C.
- Goldsmith, W. (1977). Psychiatric Drugs for the non-medical mental health Worker. Charles C. Thomas. Springfield. 111.
- Keast, J., Theonew, C. (1987). Reviews of Physiology, Biochemistry and Pharmacology. Vol. 109. Springer.
- Kolb, Bryan and Wishaw, I. Q. (1980). Fundamentals of Human Neuropsychology. Freeman San Francisco.
- Longstaff, A. (2002). Neuroscience: Instant notes. New Delhi: Viva Books.
- Nieuwenhuys, R., Voogd, J. and Vijzen, V. (1981). The human Central Nervous System 2nd edition. Springer.
- Pansky, B. and Allen, D. (1980). review of Neuroscience. Macmillan Publishing.
- Raymond, A .R. and Victor, M. (1985). Principles of Neurology. 3rd Edition. Mc Graw Hill Inc.
- Thomas. Luria, R. A. (1973). Working Brain: An Introduction to Neuropsychology. Penguin Book Ltd.
- Tortora, G. and Evan, R. (1986). Principles of Human Physiology; Second Edition. Harper and Row Publishers, New York.
- Wistreich, G. (1986). Laboratory manual for human Physiology; Concepts and Applications. Harper and Row Publishers New York.

Name of Course **INTERNSHIP**
Clinical. Psy. 805
Credit Hours **04**

Objectives

- To understand and change the abnormal behavior, cognition, and emotions through the application of psycho-therapeutic principles and techniques
- To equip the students with a strong knowledge, skill and acumen in the detection, evaluation and diagnosis of various psychological conditions

Internship will include the following requirements: -

- Psychodiagnostic sessions with patients.
- Supervision of the Psychodiagnostic sessions (recordings).
- Psychotherapeutic sessions with patients.
- Supervision of the psychotherapeutic sessions.
- Report Writing.
- Participation in case conference.

Semester 2nd

Name of Course **RESEARCH METHODOLOGY AND STATISTICS**
IN CLINICAL PSYCHOLOGY-II
Clinical. Psy. 811
Credit Hours **04(3-1)**

Objectives

- The course designed to familiarize the students with all aspects of research processes from generation of research idea to data collection, analysis, and interpretation of findings.
- The course also aims to develop scientific reasoning and understating of link between theory and empirical investigation

CONTENTS

- Introduction
 - Definition & Importance of Statistics in Psychology
 - Types of statistics
 - Limitations of Statistics (Uses and abuses of statistics)

- Selection of different Statistical techniques as per requirement of data types
- Importance and use of SPSS and other techniques of data analysis
- Data
 - Types and Interpretation
- A review of descriptive statistical methods
 - Graphic representation,
 - Frequency tables,
 - Measure of central tendency,
 - Measures of dispersion,
 - Measures of Position
 - Measures for two nominal & ordinal variables (discrete data)
 - Measures of two ratio & interval variables (continuous data)
- Probability Theory and Techniques of Hypotheses Testing
 - Probability sample space
 - Probability theory, properties of probabilities
 - Probability distribution of discrete variables
 - Binomial Probability distribution
 - Probability distribution of continuous random variable
 - Normal Probability distribution and standard z-score
- Inferential statistics
 - Hypothesis and types of hypothesis
 - Hypotheses testing
 - Steps in hypotheses testing
 - Error of measurement, alpha level/confidence interval
- Parametric statistics (t-test and z-test, Analysis of Variance)
- Non- Parametric Statistics. (chi-square test)
-

BOOKS RECOMMENDED

- Barker, Chris and Pitsrang, Nancy (1994) Research methods in Clinical and Counseling Psychology. John Wiley and Sons.
- Bean, M. L. (1954) Construction of Educational and Personnel tests. McGraw Hill, New York.
- Clark-Carter, D. (2004). Quantitative psychological research: A student's handbook. New York: Psychology Press.
- Davis, S. F., & Smith, R. A. (2005). An introduction to statistics and research methods: becoming a psychological detective. New Jersey: Pearson Prentice Hall.
- Elmes, D.G., Kantowitz, H.L., & Roediger, H.L. (2003). Research methods in psychology (7th ed.). Belmont: Wadsworth/Thomson Learning.
- Fisher, R.A. (1950) Statistical Methods for Research Workers. Oliver Boyd, Edinburg.
- Friedman, N. (1968) The Social Nature of Psychological Research. Basic Books, New York.
- Hymen, H., Cobb, W, Feldman, J., Hart, C., and Stember, C.H.(1954) Interviewing in Social Research. University of Chicago Press, Chicago.
- Jacobs, O. A (1970) Guide for Developing Questionnaire Items. National Technical Information Service, U.S. Department of Commerce Springfield, Va.

Scheme of Studies PMDCP

- Keppel, G. (1973) Design and Analysis: A Researcher's handbook. Englewood Cliffs, N, J. Prentice- Hall.
- Kerlinger, F.N., & Lee, H.B. (2000). Foundations of behavioral research (4th ed.). Belmont: Wadsworth/Thomson Learning.
- Lewin, M. (1979) Understanding Psychological Research. John Wiley & sons Inc. New York.
- Mook, D.G. (2001). Psychological research: the ideas behind the methods. New York: W.W. Norton & Company.
- Roberts, M.C., & Ilardi, S. S. (2003). Handbook of research methods in clinical psychology. Oxford: Blackwell Publishing.
- Shaughnessy, J.J., Zechmeister, E.B., & Zechmeister, J.S. (2000). Research methods in psychology (5th ed.). New York: McGraw-Hill.

Name of Course PSYCHODIAGNOSIS & ASSESSMENT -II

Clinical. Psy. 812
Credit Hour 03

Objectives

- To introduce the students to the basic theoretical psychometric concepts and use of psychological tests.
- Main course objectives include understanding of the basic principles of psychological measurement and the techniques of test construction, administration, and validation. Test rationale, construction, characteristics and the use of evaluation are emphasized.
- To understand assessment and evaluation of individuals, groups, and specific populations.

CONTENTS

- Test Selection
 - Who are the Parties?
 - In what types of settings are assessments conducted and why?
 - Where to go for authoritative information: reference sources
 - Uses and varieties of Psychological Tests
 - Why control the use of Psychological Tests
 - Examiner and Situational Variables
 - Source of Information About Tests
- Administration & Scoring of Different Tests

➤ Administration

- Conditions of Testing
- Control of the Group
- Directions to the Subject
- Judgments left to the examiner
- Guessing
 - Scoring
- Interpretation of the Raw Scores
- Criterion Reference
- Percentile Scores
- Standard Scores
- The Normal Distributions
- Interpreting and Reporting of Projective Tests and Batteries
 - Inkblot Techniques
 - Pictorial Techniques
 - Verbal Techniques
 - Autobiographical Memories
- Test Construction
 - Item Selection
 - Scale Construction
 - Standardization
 - Norming the Psychological Tests
 - Test Publication and Revision
- Ethical Issues in Psycho diagnosis
 - Users' Qualification and Professional Competence
 - Responsibilities of the Test Publishers
 - Protection of Privacy
 - Confidentiality
 - Communicating the Test Results
 - Testing Diverse Populations

BOOKS RECOMMENDED

- Butcher, J. (1979) New Developments in use of the MMPI. University of Minnesota Press, Minneapolis.
- Colby, K. A. (1951). Primer for Psychotherapists. John Wiley & sons, New York.
- Cole, M and Scribner, S. (1974). Culture and Thought. John Wiley & sons, New York.
- Dahlstrom, W. and Dahlstrom, L. (1980). Basic Reading on the MMPI. University of Minnesota Press, Minneapolis.
- Dahlstrom, Wand Welsh, G. (1982) An MMPI Handbook. University of Minnesota Press, Minneapolis.
- Diagnostic Statistical manual (IV). American Psychiatric Association Washington.
- Fromrn Reich man, F. (1950). Principles of Intensive Psychotherapy. The University Chicago Press, Chicag.
- Gambrills, E. (1978). Behavior Modification: Handbook of Assessment, Intervention and Evaluation. Jossey- Bass, California.
- Golden, C. (1981). Prognosis and Rehabilitation in Clinical Neuropsychology. Charles C. Thomas, Illinois.
- Goosdenough, F. (1926). The measurement of Intelligence by Drawing. World Books Company, New York.
- Groth-marnat, G. (2005). Handbook of psychological assessment (4th ed.). New Jersey: John Wiley & Sons.
- Hutt. S.J. (1970). Direct Observation and measurement of behavior Charles C. Thomas, Pub. Illinois.
- Plante, T.G. (2005). Contemporary Clinical Psychology (2nd ed.). New Jersey: John Wiley & Sons.

Name of Course PSYCHOTHERAPY -II

Clinical. Psy. 813

Credit Hours 03

Objectives

- To understand and change the abnormal behavior, cognition, and emotions through the application of psycho-therapeutic principles and techniques
- To equip the students with a strong knowledge, skill and acumen in the detection, evaluation and diagnosis of various psychological conditions

CONTENTS

- Types of psychotherapy
 - Individual psychotherapies and techniques of psychotherapies
 - Group psychotherapies and techniques of psychotherapies
- Psychotherapies

- Standard psychoanalysis (Sigmund Freud)
- Psychodynamic approaches
 - a) Adler
 - b) Yung
 - c) Sullivan
 - d) Frieda
- Intensive brief psychotherapy (Malan)
- Briefer psychoanalysis (Alexander and French)
- Rational Emotive Behavior psychotherapy (Albert Ellis)
- Behavior Therapy
- Cognitive Therapy (Aron Beck)
- Client Centered Therapy (Carl Rogers)
- Humanistic Approach (Albert Ellis)
- Existential Psychotherapy (Irvin Yalom)
- Reality Therapy (William Glasser)
- Transactional Analysis
- Experimental approaches (various techniques of behavior therapy)
- Multimodal Behavior therapy (Carl Rogers)

BOOKS RECOMMENDED

- Axline, V. M. (1976). Play Therapy. Ballantine Books, N. Y.
- Bannister, D. (1975). Issues and Approaches in the psychological Therapies. John Wiley and Sons, London.
- Bruch, H. (1974). Learning Psychotherapy. Harvard University Press Cambridge.
- Bugental, J. F.T. (1978). Psychotherapy and process. Addison Wesley Publishing Co. California.
- Cantor, B.M. and Glucksman, L.M. affect: Psychoanalytic Theory and Practice. John Wiley and son's Inc. N.Y. 1983.
- Chertok, L. and Saussure de R. (1979). Therapeutic Revolution. Brunner / Mazel Inc. N, Y.
- Ekstein, R. the Teaching and learning of psychotherapy. Basic Books Inc. N. Y. 1958.
- Corsini, R.J., & Wedding, D. (2005). Current psychotherapies (7th ed.). Belmont: Brooks/Cole-Thomson.

Scheme of Studies PMDCP

- Freud, S. (1971). The complete introductory lectures on psychoanalysis. London: George Allen & Unwin.
- Giovacchini, P. L. (1975). Tactics and Techniques in psychoanalytical Therapy. Vol. II Jason Arosen, Inc.
- Goldstein, P. A. and Stein, N. (1976). Prescriptive Psychotherapies. Paragon Press Inc. N. Y. Gilis, J.S. Social Influence in Psychotherapy. Pilgrimage Press, 1979.
- Hendricks, I. (1939.) Facts and Theories of Psychoanalysis. Alfred A. Knopf. Inc. Kell, L. B. Impact and change. Appleton Century Crofts, New York 1966.
- Lambert, M. L., Christensen, R. E., and DeJulion, S. S. (1983). The Assessment of Psychotherapy Outcome. John Wiley and sons, New York .
- Laughlin, H.P. (1970). The Ego and its Defenses. Educational Division Meredith Corporation, N. Y. Martin, G.D. Introduction to Psychotherapy
- Plante, T.G. (2005). Contemporary Clinical Psychology (2nd ed.). New Jersey: John Wiley & Sons.
- Sharf, R.S. (2000). Theories of psychotherapy and counseling: Concepts and cases (2nd ed.). Belmont: Brooks/Cole-Wadsworth.
- Wadsworth Publishing Co., Inc. Belmont. California.
- Wolberg, L. (1969). Short Term Psychotherapy. Grune and Stratton New York.

Name of Course **PSYCHOPHYSIOLOGY &
PSYCHOPHARMACOLOGY -II**

Clinical. Psy. 814
Credit Hours 03

CONTENTS

- Assessment and diagnosis as conducted by neurologists
 - Discuss the various ways & assessment protocols that are used by neurologist.
- When to make a referral to a neurologist, or psychiatrist
 - Discuss in detail about diagnosis system
 - Discuss various protocols that are adopted for referral
- Treatment and rehabilitation techniques
 - Complete discussion on the rehabilitation techniques of the patients that are facing psychological morbidities.
- Different Prescribed Drugs-in Psychological illnesses
 - Class description, important drugs and famous brand names
- Effects and Side Effects of these Drugs
 - Pharmacological actions and side effect of all the class of psychotropic drugs like
 - Selective serotonin reuptake inhibitors (SSRIs)
 - Benzodiazepines
 - Serotonin Noradrenaline Re-uptake inhibitors (SNRIs)
 - Tricyclic antidepressant
 - MAO inhibitors
 - Neuroleptic drugs
 - Psychostimulants

All the other related drugs with relevance to psychological illness.

- Functions on other body System
 - Drug effects on the other body function with a special emphases to avoid all the side effects and contra indications.

BOOKS RECOMMENDED

- Carlson, N.R. (2005). Foundations of physiological psychology (6th ed.). New York: Pearson/Allyn and Bacon.
- Gills, R. and Balthazart, J. (1985). Neurobiology: Current Comparative Approaches. Springer, Gilory, J. Medical Neurology. 3rd Edition, Macmillan Publishing, 1979.
- Golden, J. (1981). Diagnosis and Rehabilitation in Clinical Neuropsychology. Charles C.
- Goldsmith, W. (1977). Psychiatric Drugs for the non-medical mental health Worker. Charles C. Thomas. Spring Field. 111.
- Keast, J., Theonew, C. (1987). Reviews of Physiology, Biochemistry and Pharmacology. Vol. 109. Springer.
- Kolb, Bryan and Wishaw, I. Q. (1980). Fundamentals of Human Neuropsychology. Freeman San Francisco.
- Longstaff, A. (2002). Neuroscience: Instant notes. New Delhi: Viva Books.
- Nieuwenhuys, R., Voogd, J. and Vijzen, V. (1981). The human Central Nervous System 2nd edition. Springer.
- Pansky, B. and Allen, D. (1980). review of Neuroscience. Macmillan Publishing.
- Raymond, A .R. and Victor, M. (1985). Principles of Neurology. 3rd Edition. Mc Graw Hill Inc.
- Thomas, Luria, R. A. (1973). Working Brain: An Introduction to Neuropsychology. Penguin Book Ltd.
- Tortora, G. and Evan, R. (1986). Principles of Human Physiology; Second Edition. Harper and Row Publishers, New York.
- Wistreich, G. (1986). Laboratory manual for human Physiology; Concepts and Applications. Harper and Row Publishers New York.

Name of Course

INTERNSHIP-II

Clinical. Psy. 815

Credit Hours 04

Objectives

- To understand and change the abnormal behavior, cognition, and emotions through the application of psycho-therapeutic principles and techniques
- To equip the students with a strong knowledge, skill and acumen in the detection, evaluation and diagnosis of various psychological conditions

Internship

includes the following requirements: -

- Psychodiagnostic sessions with patients.
- Supervision of the Psychodiagnostic sessions (recordings).
- Psychotherapeutic sessions with patients.
- Supervision of the psychotherapeutic sessions.
- Report Writing.
- Participation in case conference.

SUMMER SEMESTER

Name of Course **INTERNSHIP**

Clinical. Psy. 810
Credit Hours 04

Objectives

- To understand and change the abnormal behavior, cognition, and emotions through the application of psycho-therapeutic principles and techniques
- To equip the students with a strong knowledge, skill and acumen in the detection, evaluation and diagnosis of various psychological conditions

Internship will include the following requirements: -

- Psychodiagnostic sessions with patients.
- Supervision of the Psychodiagnostic sessions (recordings).
- Psychotherapeutic sessions with patients.
- Supervision of the psychotherapeutic sessions.
- Report Writing.
- Participation in case conference.