

Gujarat University
Department of Psychology
June 2012-13
Semester – I

(PSY 401) Advance Experimental Psychology

Objectives : The course aims of familiarizing students with experimental research ,
experimental methods and various experimental designs.

The paper will consist of the following five units

Unit-I : Psychological research and concept of variables

1. Definition of Psychological research
2. Types of Psychological research
 - Theoretical research and its types-Empirical research and its types
3. Concept of variable
4. Types of variables
5. Interdependent of independent and dependent variable

Unit-II : Control of Relevant variable

1. Types of control techniques
 - Matching-Randomization-Counter balancing
2. Types of Relevant variables and its control
 - Subject relevant variables and its control
 - Situation relevant variables and its control
 - Sequence relevant variables and its control

Unit – III : Classical Psychophysics

1. Basic concept of psychophysics
2. Psychophysical methods
3. Method of minimal changes
 - Determination of absolute and differential limen by the method of minimal changes
4. Method of constant stimuli
 - Determination of AL and DL by method of constant stimuli
5. Method of average error
 - Determination of PSE by method of average error

Unit - IV : Verbal Learning and Forgetting

1. Verbal learning
 - Meaning of verbal learning
 - Functions of verbal learning
 - Basic determinants of Verbal learning
2. Memory and Forgetting
 - Types of memory
 - Factor effecting on memory
 - Definition of forgetting
 - Measurements methods of retention
 - Retroactive inhibition and proactive inhibition

Reference Books:

1. M.R. D'amato (1980) : Experimental Psychology' Methodology, Psychophysics and learning TMH Edition.
2. Barry and Mortan (1985) : Experimental Methods in Psychology McGraw.
3. Broota K.D. (1992) : 'Experimental Designs in behavior research ' New Delhi Willy Estern.
4. Prof. C.B. Dave , Dr. Dipak Bhatt, Dr. N.S. Patel and Dr. D.J. Panchal (1998) : 'Experimental Psychology Theory and statistics' Viral Prakashan, Ahmedabad.

Semester – I
(PSY 402) Research Methods & Measurement in Psychology- I

Objectives :

1. To provide information about basic concept of research
2. To provide information about research process
3. To familiar the students about types of research studies

Unit – I : Introduction

- a) Meaning of Research
- b) Characteristic of Research
- c) Types of research
- d) Major Steps for the research process

Unit – II : Research problems and Hypothesis

A Research problems

- a) Definition research problems
- b) Characteristics of research problems
- c) Sources of research problem

B Research Hypothesis

- a) Meaning of hypothesis
- b) Source of hypothesis
- c) Varieties of research hypothesis

Unit – III : Varieties of research studies

- a) Descriptive research study
- b) Exploratory study

Unit – IV : Sampling

- a) Meaning of sampling
- b) Characteristics of good sample
- c) Probability and Non probability sampling methods

Reference Books :

- Aron , Authur, Aron, E.N. and Cups, E.J. (2007) statistic for Psychology, New Delhi : Person Education.
- Best , J.W. and Kahn, J.V. (2006) Research Foundation New Delhi Prentice Hall of India Pvt. Ltd.
- Kerlinger , F.N. and Lee H.B. (2000) Foundation of Behavioral Research 4th Edi. New York : Harcourt Collage Publications .
- Mangal S.K. (2008) statistic in Psychology and Education New Delhi : Vistaar Publication

Semester – I
 (PSY 403) Psychology of Emotion -I

Objectives:

1. To enable the students to know aspects of emotion
2. To provide information of measurement of emotional aspects

Unit – I : Basic Issues

- a) Meaning of Emotion
- b) Concepts of Emotion
- c) Approach of Emotion

Unit – II : Types of Emotion

- a) Positive Emotion - i) Happiness
 ii) Love
- b) Negative Emotions - i) Fear & Anxiety
 ii) Anger
 iii) Envy Jealousy
 iv) Grief and sadness

Unit – III : Measurement of Emotion

- a) Physiological methods
- b) Psychological method
- c) Lie detector

Unit – IV : Theories of Emotion

- a) Basic Theory - i) James – Langes
 - ii) Cannon – Bard Theory
- b) Cognitive theories – i) Schaners two factor of theory
 - ii) Cognitive theory of Lazar

Books:

1. Atkinson , R.L. Atkinson R.C. , Smith EE Bem , DJ. And Noled-Hoekema,
 Eds.) New York: Harcour
2. Averill, J.A (1980) A constructive view of emotion in R. Pletchik and Kellerman
 (Eds.) Emotion : Theory , research and experience : Vol. 1, Theories of Emotions,
 New york : Academic press.
3. Beaumont J.G (1983) introduction to human neuro psychological new York :
 Guildford.
4. Carlson, Neil, R. (2007) Foundation of Physiological Psychology. New Delhi:
 Person Education.

Web Resources :

- <http://www.apa.org/pubinfo/anger.htm>
<http://www.infotrac.college.com/wadsworth>

Semester – I
(PSY 404) Child Development - I

Aims and objective of this paper is to give the student knowledge about the foundations of child development in research and practice. In case they want to practice as Child Psychologist , that is , may be working with a pediatrician in a hospital , these basic will give them knowledge about the normal and abnormal development in a child.

Unit- I : History and applied directions

1. Child Development as a scientific , Applied and Interdisciplinary field
2. Basic Issues
3. Theoretical perspective
 - Psychoanalytical
 - Behaviorism
 - Social learning

Unit- II : Foundation of Development

1. Prenatal development
2. Childbirth
3. Infancy
 - The newborn
 - Motor development
 - Perceptual development

Unit- III : Cognitive Development

1. Piaget's Cognitive Developmental theory
2. The Sensormotor Stage
3. The pre Operational stage
4. The Concrete Operational stage
5. The Formal operational Stage

Unit- IV :

- Attention –
- Memory
- Intelligence – Definition- Intelligence test for children – computation and distribution of IQ score

Basic Book

- Berk Laura E (2009) “ Child Development) ” (8th Edition) Pearson Education (Indian Edition) , New Delhi.

References:

- Berk Laura E (2003) & (2002) Sixth Edition, Prentice Hall of India, New Delhi
- Tyagi M. (2007) Developmental Psychology Avishkar Publishing , Jaipur
- Santrock J.W. (2004) Span Development, Tata McGraw Hill , New Delhi
- Hurlock E.B. (1978) Child Development, Mcgrow Hill , New Delhi.

Semester 1

Psychopathology (PSY 405EA) -I

Aims and Objectives of this paper, which is an important area of clinical psychology, is to enhance the understanding of the students of the latest diagnostic classification of DSM-IV, used by professionals like, clinical psychologists and psychiatrists for diagnosis and treatment. This course would equip the students to do practice and research after more intensive practical training in future.

Unit I : Abnormal Psychology and Historical and Contemporary Views of Abnormal Behavior

- What Do We Mean by Abnormal Behavior?
 - DSM-IV – Categorization
- Research Approaches in Abnormal Psychology

Causal Factors and Viewpoints in Abnormal Psychology

- Causes and Risk Factors for Abnormal Behavior
- The Biological Viewpoint and Biological Causal Factors
- The Psychosocial Viewpoint & Causal Factors
- The Sociocultural Viewpoint & Causal Factors

Unit II :Stress and Adjustment Disorders

- What Is Stress?
- The Effects of Severe Stress
- Adjustment Disorder: Reactions to Common Life Stressors
- Post-Traumatic Stress Disorder: Reactions to Catastrophic Events
- Prevention and Treatment of Stress Disorders

Panic, Anxiety, and their Disorders

- Phobic Disorders
- Generalized Anxiety Disorder
- Obsessive-Compulsive Disorder

Unit III :Mood Disorders and Suicide

- What Are Mood Disorders?
- Unipolar Mood Disorders
- Bipolar Disorders
- Suicide

Somatoform and Dissociative Disorders

- Somatoform Disorders
- Dissociative Disorders

Unit IV: Eating Disorders and Obesity

- Clinical Aspects of Eating Disorders
- Risk and Causal Factors in Eating Disorders
- Treatment of Eating Disorders
- Obesity
- Treatment of Obesity

Basic Books :

- Butcher J.M., Mineka S., Hooley J.M., (2007) , “ Abnormal Psychology” , (13th Edition) , Pearson Education (Indian Reprint) (New DSM – IV- TR)

Reference:

- Sarason I.G. & Sarason B.R. (1996) , “ Abnormal Psychology : The problem of Maladaptive Behavior ” (8th Edition) , Prentice – Hall of India Pvt. Ltd. New Delhi.
- Barlow D.M. & Durand V.M. (2007) , “ Abnormal Psychology : An Integrative approach ” , (4th Edition) , Thomson – Wadsworth publishers , Delhi (Indian Reprint)

Semester:1
Work Psychology PSY 405EB - I

Objective:

The course aim of familiarizing the students with the various aspects of nature of work in modern society.

Unit I : Principle, Practice and Problems

1. challenges for industrial organizational psychology
2. Industrial organization as a career : Training and Employment
3. Problems for industrial organizational psychology
4. Area of Industrial organizational psychology

Unit II: Employee Selection

1. The recruitment process
2. A Review of the selection process
3. Fair employment practices
4. Job Analysis

Unit III: Performance Appraisal

1. Performance Appraisal : Why do it
2. Objective performance Appraisal methods
3. Judgmental performance Appraisal methods
4. Performance Appraisal for managers
5. Bias in performance appraisal

Unit IV: Training and Development

1. The scope of Organizational Training Program
2. The Goals of Organizational program.
3. Staffing for Organizational Training Program
4. Training Methods
5. Evaluating Organizational Training Program

REFERENCE BOOKS

- Duane P. Schultz and Sydney Ellen Schults (2004) :Psychology and work Today
Published by Peason Education Pte. Ltd. , Indian Branch Delhi.
- Tiffin j. and Mc. Covmic, E.J. (1971) Industrial Psychology, New Delhi :
Prentice Hall India.
- Luthans, Fred (1987) Organizational Behaviour, McGraw-Hill Serves,
International student Edition. Times Printer-Singapore.
- Von Haller Gitmber (1971): Industrial and Organizational Psychology. New
York, Mc Graw Hill
- Anastasi A, (1979) : Fields of Application Psychology. McGraw Hill,
Kogakusha Ltd. Tokyo.

Semester – I
(PSY 406E) Health Psychology - I

Aims and objectives of teaching this very important paper of Health Psychology, which is one of the areas of Clinical Psychology, is to familiarize the students about the present scenario at the global level relating to the psyche of the human being regarding health related behavior, which is a fast growing problem today. In case the students wish to practice as health Psychologist in a hospital, these basics along with intensive training would help them in future.

Unit- I

1. Definition of Health Psychology – Brief History – Need of the field of Health psychology
2. System of the body- Cardiovascular system- Digestive system

Unit- II

1. Introduction to Health behavior
2. Cognitive Behavioral approaches to health Behavior change
3. Health Enhancing behaviors : Exercise – Diet – Weight Control

Unit – III

1. Stress – Sources of chronic stress
2. Social support
3. Management of stress

Unit – IV

1. What is a Health Care Provider ? – Nature of patient – provider communication – improving patient – provider communication
2. Clinical issues in pain management
3. Pain control techniques
4. Management of chronic pain.

Basic Book :

- Taylor Sheelly E (2003) ‘Health psychology ’ (5th Edition) MC Graw Hill , USA

Reference books :

- M. Robin Dimatteo, Leslie R Martin (2002) “Health psychology” pearson Education Publication (Indian Edition)
- Malhotra S. Batra P. Yadav A (2007), “ Health Psychology” Commonwealth publications , New Delhi.
- Woodworth R.S.(2000) “ Health Psychology ” khel sahitya kendra Delhi/
- Sarafine E.P. (2000) “Health psychology “ Biopsychological interactions” 3rd edition , Jhon wiley & sons Inc. USA.
- Marks D.F. Murray M. Evans B. , Willing C. Woodall C. sykes C.M. (2008) , Health Psychology :

Gujarat University
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Semester – II
(PSY 407) Research Methods and Statistic in Psychology -II

Objectives :

- 1) To provide information about methods
- 2) To oriented the students to the concepts of basic statistic
- 3) To oriented the students for application of statistic in research

Unit – I : Methods of Data collection

- a) Observation
- b) Interview
- c) Questionnaires
- d) Projective techniques

Unit – II : Available data as source Material

- a) Personal Documents
- b) Public Documents

Unit – III : Statical Methods

- a) Product moment Co rrelation (All formulas)
- b) Tau
- c) Singed trunk test

Unit – IV :

- a) 't' test (All methods)
- b) Chi- square
- c) One way analysis of Variables

Reference Books :

- Aron , Authur, Aron, E.N. and Cups, E.J. (2007) statistic for Psychology, New Delhi : Person Education.
- Best , J.W. and Kahn, J.V. (2006) Research Foundation New Delhi Prentice Hall of India Pvt. Ltd.
- Kerlinger , F.N. and Lee H.B. (2000) Foundation of Behavioral Research 4th Edi. New York : Harcourt Collage Publications .
- Mangal S.K. (2008) statistic in Psychology and Education New Delhi : Vistaar Publication

Semester – II
(PSY408) Psychology of Emotions - II

Objectives :

- 1) To provide information of aspects to Emotions
- 2) To provide information of Indian approach of Emotions

Unit- I : Communication of Emotion

- a) Facial expression
- b) Neural Basis of the communication

Unit – II : Nonverbal communication of Emotion

- a) Paralanguage
- b) Body Language

Unit – III : Emotional Intelligence

- a) Definition and models of emotional intelligence
- b) Assessment of emotional intelligence

Unit – IV : Indian Approach of Emotion

- a) The Gita on emotion
- b) Patanjali on Emotion
- c) Buddhist view
- d) The Jaina view

Reference Books :

- Bar – On R. (2006) The Bar – on models of emotional social intelligence
Psicothema, 18, supl. 13-25.
- B. Kuppusuwamy (2001) Elements of Ancient Indian Psychology , New
Delhi : Konark Publications Pvt. Ltd. p 165-179
- Goleman, D (1995) Emotional intelligence , New York : Bantom Books.
- Paranjpe A.C. (1999) Emotional : A Perspecieve from the Indian Tradition
Asian perspectives on psychologys : New Delhi : Suge.
- Carlsson N.R. (2007) , Foundations of Physiological Psychology , Delhi :
Pearson Education.

Semester – II
(PSY 409) Child Development

Unit – I : Language Development

- a) Paralinguistic development
- b) Phonological
- c) Semantics
- d) Grammatical

Unit – II : Emotional Development

- a) Development of Emotional Expression
- b) Understanding and Responding to the Responding the Emotions of others
- c) Temperament and development

Unit – III : Self Social Understanding

- a) Emergence of self and Development of self concept
- b) Self – esteem
- c) Construction and identity
- d) Thinking about others and other relations

Unit – IV : The family

- a) Family as a social system
- b) Socialization within the family

Peers & Schooling

- c) Development and Influences on peer sociability
- d) Friendship
- e) Peer acceptance , peer groups, peer relations and socialization
- f) Schooling

Reference:

Basic Books :

- Berk Laura E (2003) ‘ Child Development ’ (Sixth Edition) Pearson Education (Indian Edition) , New Delhi

Reference Books :

- Berk Laura E (2003) (2002) sixth Edition , Prentice Hall of India , New Delhi
- Tyagi M (2007) Developmental Psychology Avishkar publication , Jaipur
- Santrock J. W. (2004) Span Development , Tata McGraw Hill , New Delhi .
- Hurlock E.B. (1978) Child Development , McGraw , New Delhi.

Semester – II
(PSY410) Health Psychology -II

Unit – I : Management of chronic illness

- a) Quality of life
- b) Coping with chronic illness
- c) Rehabilitation and chronic illness
- d) Psychological interventions and chronic illness

Unit- II : Psychological issues in advancing and terminal illness

- a) Death across the life span
- b) Psychological issues in advancing illness
- c) Psychological management of the terminally ill
- d) Problems of survivors

Unit- III :

- a) Coronary Heart Disease
- b) Hypertension
- c) Cancer

Unit – IV : Health Psychology : Challengers for the future

- a) Health promotion
- b) Trends for the future
- c) Becoming a Health Psychologist

Basic Books : Taylor Shelly E (2003) ‘ Health Psychology ‘ (5th Edition) McGraw Hill Publication , USA.

Reference Books :

- M. Robin DiMatteo, Leslie R Martin (2002) “ Health Psychology ” Pearson Education publication (Indian Edition) McGraw Hill publication ,USA
- Malhotra S., Batra P., Yadava A (2007) , “ Health Psychology ” Commonwealth Publications, New Delhi.
- Woodworth R.S. (2000) “Health Psychology” Khel Sahitya Kendra , Delhi.
- Sarafino E.P. (2000) “ Health Psychology : Bio psychological interaction ” 3rd Edition , John Wiley & Sons Inc, USA.
- Marks D.F. Murray M., Evans B., Willing C. , Woodall C, Sykes C.M. (2008) , “Health Psychology : Theory , Research & Practice ” 2nd Edition , Sage publications , New Delhi.

Recommended International Journals :

- Journal of behavioral Medicine
- American psychologist
- Journal of Social and Clinical Psychology
- Journal of Personality and Social Psychology
- Journal of Consulting and Clinical Psychology
- American Journal of Psychiatry
- Psychosomatic Medicine
- Journal of Health Psychology
- Journal American Medical Association
- Journal of Health and behavior
- British Journal of Clinical Psychology

Recommended National Journals

- Indian Journal of Clinical Psychology, New Delhi
- Journal of psychological Researches , Madras Psychological Society, Chennai
- Indian Journal of Community Psychology , U.P.
- Indian Journal of Applied Psychology , Chennai.
- Indian Journal of Social Researches, Benaras Hindu University, Varanasi.
- Journal of the Indian Academy of Applied Psychology, Puducherry.

Semester – II
(PSY411EA) Psychopathology -II

Unit – I : Personality Disorder

- a) Clinical Features of Personality Disorder
- b) Categories of Personality Disorders – Causes of Personality disorders.
- c) Treatments and Outcomes
- d) Antisocial Personality and Psychopatho

Substance – Related Disorders

- e) Alcohol Abuse and Dependence
- f) Drug Abuse and Dependence

Unit – II : Sexual Variants, Abuse and Dysfunctions

- a) Sexual and Gender Variants
- b) Sexual Abuse
- c) Sexual Dysfunctions

Schizophrenia and Other Psychotic Disorders

- a) The Clinical Picture in Schizophrenia
- b) Subtypes of Schizophrenia
- c) What causes Schizophrenia
- d) Treatment and Clinical Outcome

Unit- III : Cognitive Disorders

- a) Brain Impairment in Adults
- b) Delirium
- c) Dementia
- d) Amnesic Syndrome
- e) Disorders Involving Head Injury
- f) Treatment and Out comes

Disorders of Childhood and Adolescence

- a) Maladaptive Behavior in Different Life Periods
- b) Common Disorders of Childhood
- c) Learning Disorders and Mental Retardation
- d) Planning Better Programmers to help Children and Adolescents

Unit – IV : Contemporary and Legal Issues in Abnormal Psychology

- a) Perspective on Prevention
- b) Controversial Legal Issues and the Mentally Disordered
- c) Organized Efforts for Mental Health
- d) Challenges for the future

Basic Books :

- Butcher J.M., Mineka S., Hooley J.M., (2007) , “ Abnormal Psychology” , (13th Edition) , Pearson Education (Indian Reprint) (New DSM – IV- TR)

Reference:

- Sarason I.G. & Sarason B.R. (1996) , “ Abnormal Psychology : The problem of Maladaptive Behavior ” (8th Edition) , Prentice – Hall of India Pvt. Ltd. New Delhi.
- Barlow D.M. & Durand V.M. (2007) , “ Abnormal Psychology : An Integrative approach ” , (4th Edition) , Thomson – Wadsworth publishers , Delhi (Indian Reprint)

Semester – II
(PSY411EB) Work Psychology – II

Main Objective : The course aim of familiarizing the student with the various aspects of nature of work in modern society.

The paper will consist of the following five units

Unit – I : Motivation , job satisfaction and job Involvement

- a) Content theory of motivation
- b) Process theory of motivation
- c) Job satisfaction : The quality of like at work
- d) Job satisfaction : the – Job behavior
- e) Job Involvement and Organizational commitment

Unit –II: Working Condition

- a) Physical working conditions
- b) Work Schedules
- c) Psychological and Social Issues

Unit- III: Safety, Violence and Health in the work place

- a) Accidents
 - Causes of Accidents
 - Accident Prevention
- b) Violence in the work place
- c) Computers and Physical Health Issues

Unit- IV: Stress in the workplace

- a) Stress
- b) Psychological effects on stress
- c) Causes of stress in the workplace

REFERENCE BOOKS

- a) Duane P. Schultz and Sydney Ellen Schults (2004) : Psychology and work Today. Published by Pearson Education Pte. Ltd., Indian Branch Delhi.
- b) Tiffin J. and Mc. Covmic, E.J.(1971) Industrial Psychology, New Delhi: Prentice Hall India.
- c) Luthans, Fred (1987) Organizational Behavior, McGraw-Hill Serves, International student Edition. Times Printer- Singapore.
- d) Von Haller Gitmber (1971): Industrial and Organizational Psychology. New York, Mc Graw Hill.
- e) Anastasi A, (1979):Fields of Application Psychology. McGraw hill, Kogakusha Ltd. Tokyo.

Semester – II

(412PR) Advance Experimental Psychology (Practical)

Main objectives : To provide training to the students in conducting Experiments

List of Practical (Any six)

1. Method of minimal changes – two point there should for different areas of skin
2. Verification of Webers' s law
3. Bilateral transfer – Mirror tracing
4. Transfer in Maze learning
5. Habit interference
6. Retention for complied and interrupted task – Zeigarnik effect
7. Retention as function of meaning fullness
8. Retroactive inhibition
9. Depth perception
10. Depth perception
11. Mental set

Reference:

1. R.S. Woodworth & S. Schlosberg (1954) : Experimental Psychology
2. B.J. Underwood (1966) : ; Experimental Psychology'
3. Kanawala S.C. (2000) : ' Prayogik Manovigyan' University Granth Nirmal Board , Ahmedabad.
4. Jansari , Ashvin and Prajapati , Mukesh (2012) Experimental Psychology, Theoretical Background and Experiments Ahmedabad.

Semester – II
(PSY 412) Social Psychology **Only For External Students**

Objectives :

- 1) To Provide information about basic concept of Social Psychology

Unit – I : The field of Social Psychology

- a) Working Definition
- b) Focus on the Behavior of individuals
- c) Research methods in Social Psychology
 - a.) Systematic Observation
 - b.) Correlation
 - c.) Experimental

Unit - II : Social Cognition

- a) Schemas : Mental Frame work
- b) Error in Social cognition

Unit – III : Social Perception

- a) Non verbal communication

Unit – IV : Close Relationship

- a) Family
- b) Romantic Relationship

Basic Books :

1. Barom , R.A, Byrne , D. and Branscoarbe, N.R. (2007) Social Psychology

Reference Books : Eleverth Edition Delhi Person Education

1. Hendrick S.S. (2004) Understanding close relationship . Boston : Allyn 8 Bacon
2. Sencer, J.JH. Fein, S. etc.(2003) Motivated Social Perception , ma hwah , N.J. Erbaum
3. Husain , Akbar (2012) Social Psychology, Delhi Pearson,

