



Kristu Jayanti College

AUTONOMOUS

Bangalore

Accredited 'A' Grade by NAAC | An Institution Managed by CMI Fathers

DEPARTMENT OF PSYCHOLOGY

MSC-Psychology

Curriculum 2013 -15

<http://www.kristujayanti.edu.in>

Dr. Molly Joy
HOD Psychology

Prof. Gopakumar A.V.
Dean Humanities

CURRICULUM OVERVIEW

1. Aim of the Programme

The MSc Psychology programme enables students to develop a holistic outlook toward life and prepare them for their careers by imparting in-depth knowledge, critical thinking and skills in various fields of Psychology.

The Psychology programme with innovations in curriculum, Goal-directed practices coupled with targeted feedback aim to provide a foundation that places behaviour and experience in a unified scientific context, to instill research temperament and to develop sensitivity to psychological dynamics for better individual and societal wellbeing.

Broad Theoretical frameworks in Psychology designed and taught by core courses along with approaches to research which encompasses both qualitative and quantitative methods.

Specialization courses to educate and train **Clinical Psychologists** and **Industrial Psychologists** to employ skills and competencies required for practicing in their specialized areas that begins from the second semester.

To provide an understanding of the psychological factors that influence behaviour of individuals in organization and the clinical settings, the Clinical Psychology specialization is supported with **Human Resource Management** and Industrial Psychology specialization is supported with **Psychopathology and Interventions** as a core paper.

To impart quality research and development skills with hands-on-experience in research and experiential learning internships, dissertations and certificate courses are provided in the end semester.

2. Eligibility

Candidates having a bachelor's degree in Psychology with minimum of 3 years duration or its equivalent (under the 10+2+3 or 10+2+4 or any other pattern fulfilling the mandatory requirements from a recognized Indian/ Foreign university with 50% marks or Equivalent CGPA in Psychology subject (45% for SC/ ST)are eligible to apply. The selection of candidates based on the performance in the written entrance test conducted by the college and only short listed candidates will be called for the personal interview.

3. Credits

The institute follows the concept of credits and one credit is equivalent to 1.5 hours per week. The total credits for the Programme is 90

4. Attendance

- A student should have 85 percentage of attendance in each course
- Any student who is not complying to this requirement will not be allowed to appear for End Semester Examination
- In case a student does not appear for the examination due to shortage of attendance, the student has to repeat that semester to make up for the attendance and the student will have to pay the fees for that semester as applicable.

5. Passing Criteria

- No minimum pass mark for CIA
- ESE (End Semester Examination) alone 40% - (40 marks out of 100 / 24 marks out of 60)
- (ESE + CIA) aggregate 50 % or 50 marks out of 100
- Student should achieve the total number of credits assigned for each programme

6. Specialization / Electives

A student will have to take one specialization course and its practical from II semester onwards and one research dissertation has to be taken in the IV semester. The specializations offered are Clinical Psychology/ Industrial Psychology and Organizational Behaviour

7. Orientation Programme

Orientation is offered at the beginning of the programme to familiarize the students with the ambience of the college and its discipline. It basically includes sessions as mentioned below:

- Campus Culture
- Briefing of the academic and examination process
- Life skills and Attitudinal workshops
- Placement Process details

8. Certificate Courses

II semester- counseling skills

IV Semester – HR skills

Aptitude and skill enhancement Training will be conducted as per the requirements.

9. Internship / dissertation: Internship – 4 credits

The students are required to undergo Internship/Project for a period of 3 months as a part of their final year programme. The final semester research work can be carried out either in the institution / Industry / hospitals / health centers or Research Organization approved by the Head of the Department and will be supervised and evaluated based on certain criteria by the faculty members of the department and the industry. The dissertation will have to be printed and bound as per specifications / APA format and submitted for verification and Viva-voce examination. During the progress of the dissertation work the students should interact with the internal / external guides. Research review will be conducted twice in a month. Internal marks for the research will be based on all the reviews. Final presentation and viva- voce of the dissertation should be done before the external examiners.

10. Skill Development Activities

The department gives provisions for students to be a part of different social communities/NGOS for skill development in the respective domains.

11. Co-curricular Activities

The department organizes the various activities like:

- Research colloquium – every week
- Quiz/ NET training- every week
- Group discussion- every week
- Industrial Visits
- Guest Lectures
- Workshops
- Intra collegiate Fest – Cognizance
- Inter collegiate Fest – Insight

Programme Outlay

PART	CATEGORY	Total Credits
I	Major (Core)	52
II	Major (Specialization)	29
III	Research / dissertation	04
IV	Internship and Project	04
V	Extension	01
Total		90

Programme matrix

FIRST SEMESTER

Total credits: 90

Subject Code	Course	Hours per week	Total Hours / Sem	Credit	Examination		
					CI (40)	ESE (60)	Total (100)
13MPS1201	Cognitive Psychology	5	65	4	40	60	100
13MPS1202	Biopsychology I	5	65	4	40	60	100
13MPS1203	Research Methods in Psychology	5	65	4	40	60	100
13MPS1204	Indian Psychology	5	65	4	40	60	100
13MPS12L5	Perception & Psychophysics	4	60	3	20	30	50
13MPS12L6	Computer Applications in Psychology	4	60	3	20	30	50
TOTAL		28	380	22	200	300	500

SECOND SEMESTER

Subject Code	Course	Hours per week	Total Hour	Credit	Examination		
					CIA (40)	ESE (60)	Total (100)
13MPS2201	Theories of Learning, Personality and Intelligence	5	65	4	40	60	100
13MPS2202	Biopsychology II	5	65	4	40	60	100
13MPS2203	Statistics in Psychology	5	65	4	40	60	100
13MPS2204	Health Psychology	5	65	4	40	60	100
13MPS22L5	Memory, Thinking and Learning	4	60	3	20	30	50
13MPS2A01	Psychopathology I	5	65	4	40	60	100
13MPS2B01	Organizational Behavior I						
13MPS2A L1	Assessment of cognition	4	60	3	20	30	50
13MPS2BL1	Assessment of Intelligence and Aptitude						
Total		33	445	26	240	360	600

Note: Specialisation: **A** Clinical Psychology*. **B** Industrial Psychology and Organisational Behaviour

THIRD SEMESTER

Subject Code	Course	Hours per week	Total Hours/ SEM	Credit	Examination		
					CIA (40)	ESE (60)	Total (100)
13MPS3201	Positive Psychology	4	60	3	40	60	100
13MPS3202	Social Psychology	5	65	4	40	60	100
13MPS3A01	Psychopathology II	5	65	4	40	60	100
13MPS3B01	Industrial Psychology I						
13MPS3A02	Psychological Intervention I	5	65	4	40	60	100
13MPS2B02	Organizational Behavior II						
13MPS3AL1	Screening tests for Children	4	60	3	20	30	50
13MPS3BL1	Assessment of Personality and Interest						
13MPS3AL2	Assessment of Personality	4	60	3	20	30	50
13MPS3BL2	Screening & Assessment						
TOTAL		27	375	21	200	300	500

FOURTH SEMESTER

Subject code	Course	Hrs. per week	Total Hrs.	Credits	Examination		
					CIA (40)	ESE (60)	Total (100)
13MPS4A01	Psychopathology III	5	65	4	40	60	100
13MPS4B01	Industrial Psychology II						
13MPS4A02	Psychological Intervention II	5	65	4	40	60	100
13MPS4B02	Consumer Psychology						
13MPS4A03	Human Resource Management	5	65	4	40	60	100
13MPS4B03	Psychological Disorders and Intervention Techniques						
13MPS4AL1 13MPS4BL1	Research oriented practical & dissertation	5	65	4	40	60	100
13MPS4AI1 13MPS4BI1	Internship	5	95	4			
	Extension activities	2	30	1			
TOTAL		27	385	21	160	240	400

I SEMESTER

13MPS1201 Cognitive Psychology

4 Credits

[Total Hours: 65]

Learning Objectives

- To understand theories of cognition, mind and brain
- To apply the knowledge of cognitive concepts to various fields
- To develop strategies for effective reasoning and decision making
- To assess and analyze cognitive abilities

Unit I Introduction to Cognitive Psychology (12 Hrs.)

History of the study of cognition; Nature; Current status ; understanding the mind - mind and brain ; Mental representation; Mental processing ; Cognition and the brain; Studying cognition - Dissociations and associations ; Behavioral methods; Co - relational neural methods; Causal neural methods; Modeling; Neural network models.

Unit II Attention and Perception (14 Hrs.)

Attention-Selective attention – Capacity and mental effort theory; Schema theory; Neuro Psychological studies of attention; Divided attention – Dual task performance; PRP(Psychological Refractory Period); Attention hypothesis of automatization.

Perception - Sensory and perceptual process; Perceiving objects and recognizing pattern;

Bottom- up processes - Template matching; Feature analysis ; Prototype matching;

Top- Down processes – Perceptual learning; Change blindness; Word perceptions; Connectionist model; Perceptual constancy; Depth perception; Perceptual bias .

Unit III Memory (12 Hrs.)

Sensory memory; Short term memory; Working memory ; Long Term Memory; Models of memory – Atkinson- Schiffrin ; Tulving; Baddeley- Hitch; Craik- Lohhart ; Feature Comparison model; Exemplar approach; Proto type approach; Schemas; Meta memory ; Forgetting and Retrieval of information-Ebbinghaus's theory; Mnemonics; Encoding specificity.

Unit IV Thinking, Creativity and Language (15 Hrs.)

Categorization - Nature; Theories; Problem Solving – Definition, process; Strategies and heuristics; Factors influencing problem solving;

Creativity - Nature; Creative process; Characteristics of creative individuals; Assessment of creativity; Factors affecting creativity; Structure of language; Chomsky's transformational grammar; Bilingualism; Speech errors.

Unit V Reasoning and Decision Making (15Hrs.)

Reasoning – Nature, Types of reasoning; Syllogistic reasoning; Decision making Process; Heuristics - Representative heuristic, Availability heuristic, Anchoring and adjustment; Analogy; Simulation; Framing effect.

Books for References

- Smith, E.E. & Kosslyn, S.M. (2009). *Cognitive Psychology*. New Delhi: PHI Learning Pvt Ltd.
- Glass, A.L. & Holyoak, K.J. (1986). *Cognition* (2nd Ed.). London: Prentice Hall Book Co.
- Hunt, R. (2004). *Fundamentals of Cognition*. McGraw Hill.
- Galotti, K.M. (2004). *Cognitive Psychology*. (3rd Ed.). India: Wadsworth.
- Matlin, M.W. (1995). *Cognition* (3rd Ed.). Harcourt Brace Publication. Bangalore India: Prism Books Pvt Ltd.
- Solso, R.L. (2001). *Cognitive Psychology* (5th Ed.). London: Allyn & Bacon.
- Sternberg, L. (1998). *Cognitive Psychology*. New York: Harcourt Brace College Publishing.

13MPS1202 Biopsychology I

4 Credits

[Total Hours 65]

Learning Objectives

- To provide a foundation that places behaviour and experience in a unified scientific context
- To describe the anatomy and function of the vertebrate nervous system
- To understand biological processes that produces and control behaviour
- To describe the various methods used to study the biological basis of behaviour

Unit I Introduction (10 Hrs.)

Definition; Divisions of Biopsychology; Behavioural research methods
Neuropsychological testing; Fundamental genetics- Sex chromosomes and sex linked traits.

Unit II Neurophysiology (16 Hrs.)

Divisions of the nervous system; Cells of the nervous system; Major divisions and structure of brain; Blood brain barrier; Neural conduction and synaptic transmission; Neurotransmitters; Effect of drugs on synaptic transmission.

Unit III Sensory System (15 Hrs.)

Structures and neural basis of -Vision, Audition, Mechanical (Vestibular & Somato sensation), Chemical senses (Gustatory & Olfactory); Principles of sensory system organization.

Unit IV Neurobiology of Language (12 Hrs.)

Specialized language areas; Types of Aphasia; Language processing in cerebral hemispheres; Studies using brain stimulation and imaging; Language acquisition.

Unit V Neural Basis of Sleep and Wakefulness (12 Hrs.)

Rhythms of waking and sleep-endogenous cycles; Stages of sleep; Brain mechanisms of wakefulness and arousal; Brain functions in REM sleep; Abnormalities of sleep; Functions of sleep, REM sleep; Biological perspectives on dreaming; Drugs that affect sleep.

Books for References

Carlson, N.E. (2010). *Physiology of Behaviour*. (10th Ed.). US: Pearson Publications.
Garrett, B. (2011). *Brain and Behaviour*. (3rd Ed.). Canada: Sage Publications Inc.
Kalat, J.W. (2004). *Biological Psychology*. (8th Ed). Canada: Thomson Learning Inc.
Pinel, J.P.J. (2010). *Biopsychology*. (8th Ed.). Pearson Publications.
Rosenweig M.R, Breedlove S.M & Watson, N.V. (2005). *Biological Psychology*. (4th Ed). US: Sinauer Associates Inc.

13MPS1202 Research Methods in Psychology

4 Credits

[Total Hours: 65]

Learning Objectives

- To enable students to develop appropriate method for their research studies.
- To enable students to construct research tools.
- To apply the acquired knowledge to create research interest and aptitude.

Unit I Introduction

(10 Hrs.)

Meaning of research; Objectives of research; Types of research- Descriptive, Experimental, Analytical, Applied, Fundamental, Conceptual, Empirical and others; Research approaches- Quantitative and Qualitative.

Unit II Planning for Research and Research Design

(14 Hrs)

Research problem- identifying, Defining, Characteristics; Review of literature- Purpose, Source

Research Design – Meaning, Features of a good design; Types of research designs- Experimental and Non- experimental; within group and between group designs; Case study; Ex post facto studies; Survey; Factorial designs.

Unit III Sampling, Hypothesis and Variables

(12 Hrs.)

Need for Sampling; Sampling techniques; Errors in sampling; Hypotheses-Definition, Characteristics, Types; Variables- Definition, Types.

Unit IV: Measurement and Test construction

(15Hrs)

Measurement – nature. Levels; scaling – meaning. Scaling methods ;psychological tests –characteristics, Importance of test in psychological research, Types and application of Psychological tests; Ethical issues in use of tests.

Test construction - item writing, Item analysis, item validity; Norm's development; Reliability; Validity- types and methods

Unit V Methods of Data Collection and Report Writing

(14 Hrs.)

Data collection techniques – observation, Interview, Sociometry, Meta-analysis, Life history, Simulation and games; Primary and Secondary data; Steps involved in Report writing.

Books for Reference

- Anastasi, A. (1998). *Psychological Testing*. (6th Ed.). New York: McMillan Company.
- Black, T.R. (1999). *Quantitative research designs for Social science*. Thousand Oak: Sage Publications.
- Edwards, A.K. (1976). *Experimental Designs in Behavioral research*. Prentice Hall Publications.
- Kothari, C.R. (2008). *Research Methodology: Methods and Techniques* (2nd Ed.). New Age International.
- Kaplan, R.M & Dennis, P. (2005). *Psychological testing*. (6th Ed.). Indian edition.
- Singh, A.K. (2010). *Test measurement and research methods in Behavioural science*. Bharathi Bhavan Publishers.

13MPS1204 Indian Psychology

4 Credits

[Total Hours: 65]

Learning Objectives

- To understand and develop integrity about the indigenous culture of India and its contribution to Psychology
- To relate Indian culture and Psychology
- To understand and differentiate the contributions of different Indian schools of thought
- To understand the different states of consciousness and altered states of consciousness
- To apply different interventions to develop wholeness

Unit I Introduction to Indian Psychology (12 Hrs.)

Definitions; Nature; Differentiation of concepts-Indigenous, Indian, Transpersonal Psychology, Relationship between culture and Psychology.

Unit II Major Schools of Indian Psychology (12 Hrs.)

Hindu Psychology; Upanishads; Advaita schools; Jain Psychology and Buddhist Psychology.

Unit III Indian Theories (15 Hrs.)

Indian theories of Motivation; Personality; Values; In comparison to western theories.

Unit IV Self (12 Hrs.)

Self and Identity in Modern Psychology and Indian thought- Ahamkara and ego- Mind its nature, States and Functions- Knowing in the Indian Tradition- Indian Perspectives on Knowledge- The nature of Knowledge and Knowing.

Unit V Self-Realization (14 Hrs.)

Ignorance-removal of Ignorance-Equanimity in life-Why I am here? Implications of Self – Purushartha-karma-Satya or Truth-Methods to identify the Real Self- Nature; Meta Psychology of yoga; Yoga and conscious mind; yoga and cognition; Applied Psychology of yoga; Types of meditation and its effects.In lights of Buddha, Swami Vivekananda, Sri Aurobindo and Sri Ramana Maharishi.

Books for Reference

- Ajaya, S. (1983). *Psychotherapy East and West*. Honesdale (PA): Himalayan International Institute.
- Ajit ,K. &Rao,R. (2009). *Hand book of Indian Psychology*.India:Cambridge U. Press
- Berry, J.W et al. (1997). *Handbook of cross-cultural Psychology*.(1sted).Boston: Allwyn and Bacon
- Chaudhury, H. (1975). *Yoga psychology*. London: Routledge&Kegar Paul.
- David Godman (1992). *Be as You Are*. The Teachings of Sri Ramana Maharishi.Penguin Books.
- Garg,K.K. & Parikh, I.J(1995). *Crossroads of Culture*. New Delhi: Sage Publications
- Geertz, C (1973). *The Interpretation of Cultures*. New York: Basic Books.
- R.M Matthijis.Cornelissen, GirishwarMisra&Suneetvarma (2011). *Foundations of Indian Psychology- Theories and Concepts*.Pearson Publications.
- Sri Aurobindo: *The Integral yoga Sri Aurobindo's teaching and Methods of practice*.

13MPS12L5 Perception & Psychophysics

3 Credits

[Total Hours: 60]

Experiments

(4 Hrs. each)

1. Constancy phenomenon
2. Depth perception
3. Phi phenomenon
4. DL for length using Average error
5. Absolute limen for sensory stimuli
6. Paired comparison and rank order method
7. Method of constant stimuli

13MPS12L6 Computer Applications in Psychology

3 Credits

[Total Hours: 60]

Learning Objectives

- To orient students to working of different components of computer.
- To apply different software available for testing, assessing, and analysing in the field of Psychology.
- To access resources available for updating knowledge.

Part 1: Computer Applications

MS Word - Editing features, reviewing, preparation of reports

MS Excel — Data entry, MS Power point – presentation

MS Access -Database creation/searching retrieval

Internet- Setting up individual account for email, Web-browsing —review of literature

Searching for a document and downloading SPSS - Data entry and basic statistics.

Part 2 –Project and Viva Voce (Project any one topic given below)

Experimental Laboratory control- Use of computers in designing experiments,

Control of relevant variables-Time of exposure; Measurement of reaction time;

Presentation of materials; Text/graphic images; Recording of data; Statistical analysis;

Report Writing ;Data entry; Statistical Analysis-SPSS; Cognitive Psychology — GPS,

Artificial intelligence, Expert systems, Simulation/virtual reality; Clinical/Child

Psychology- Computer mediated psychological testing, Virtual psychotherapy, Computer

assisted counsellor training, Neuropsychological assessment - MRI, PET, Cognitive

retraining, Computerized report writing, Effects of computer/internet in mental health;

Industrial/organizational- Selection and placement, Computer assisted assessment, Job

analysis and evaluation, Computerized performance evaluation; Educational Psychology

— e-learning resources, Online assessments and evaluation.

II SEMESTER

13MPS2201 Theories of Personality, Learning and Intelligence

4 Credits

[Total Hours: 65]

Learning Objectives

- To define personality, intelligence and learning and show how these processes are studied
- To understand and analyse essential features of major theories and its implications for educational practices and research
- To apply acquired knowledge to improve self and others

Unit I Introduction to Personality (11 Hrs.)

Nature of personality; Meaning; determinants, Historical foundation; Current status & research on personality;

Psycho Dynamic Theory – Freud’s views on personality, Neo-Freudian approaches – Adler, Jung, Current status of research and applications.

Unit II Behavioristic, Humanistic, Field and Factor Theories (11 Hrs.)

Behaviouristic Theories- Skinner, Bandura; Current status of research and applications;

Humanistic theories- Rogers, Kelly; Current status of research and applications;

Field & Factor theories-, Eysenck & Cattell; Current status of research and applications.

Unit III Introduction to Learning (10 Hrs.)

Nature of learning theories; Determinants of learning; Applications of learning research;

Theoretical concepts- Environment, Arousal, Reinforcement, Memory, Learning;

Current research and evaluation of theories.

Unit IV Learning Theories (11 Hrs.)

Thorndike; Drive Reduction Theories-Hull,; Cognitive Theory-Tolman; Neuroscience

Theories- Kandel, Hebb;.Current status of research and applications.

Unit V Introduction to Intelligence (11 Hrs.)

Definition; History; Cognitive epidemiology; Heritability of IQ; Characteristics of

Intelligence; Neuroscience and Intelligence; Historic Psychometric Theory- Cattell,

Horn, Current status of research applications.

Unit VI Factor and Cognitive Theories (11 Hrs.)

Theory of multiple intelligence – Howard Gardener, its application to education;

Triarchic Theory of intelligence – Sternberg; Current status of research and applications;

Cognitive Theories –Piaget and Vygotsky; Current status of research and applications.

Books for Reference

Aiken, L.R. (1993). *Personality Theories, research and Application*. New Jersey:Prentice Hall.

Gatchel ,R.J& Mears, F.G. (1982). *Personality Theory, Assessment and research*. New York: St.Martin's Press.

Hall &Lindzey.*Theories of Personality*.Wiley Eastern Publishers.

Piaget, Jean and Piercy, (2001).*The Psychology of Intelligence*.Routledge Publishers.

Morgan & King.(2004).*Introduction to Psychology*. Tata McGraw Hill Education Pvt Limited

Baron.(2006). *Psychology* (5th Ed).Pearson Publisher.

Bowrer&Hilgard.*Theories of Learning*. Prentice Hall Publication

13MPS2202 Biopsychology II

4 Credits

[Total Hours: 65]

Learning Objectives

- To understand the functional relationships between the brain and the mind
- To develop a holistic understanding of the field of biopsychology in explaining disorders of cognitive, affective and organic nature
- To examine aspects of psychophysiology that can be used to address a wide range of behavioral and physiological problems.

Unit I Biopsychology of Emotion (14 Hrs.)

Theories of emotion and facial expression; Neural basis of fear and rage; Limbic system and aggression; Neural basis of pleasure; Chemical nature of reward; Neural basis of communication of emotions-recognition and expression.

Unit II Biopsychology of Learning and Memory (14 Hrs.)

Role of hippocampus in memory and learning, cerebellum; Amygdala; Synaptic mechanisms of learning and memory - Long Term Potentiation (LTP), Memory in brain damaged humans, Memory retrieval.

Unit III Biopsychology of Hunger and Eating (10 Hrs.)

Theories of hunger and eating- Set point theories, Positive incentive theory; Factors that influence appetite; Obesity; Nervosa.

Unit IV Biopsychology of Organic and Neurotic disorders (12 Hrs.)

Structural and Neuro-chemical correlates of Delirium, Dementia, and Alzheimer's disorder, Anxiety disorders, Somatoform and Dissociative disorders.

Unit V Biopsychology of Psychotic disorders and Major Affective disorders(15 Hrs.)

Structural and neuro-chemical correlates of Schizophrenia, Schizoaffective disorder, Brief psychotic disorder, Schizophreniform disorder, Delusional disorder, Mood disorders.

Books for References

- Carlson,N.E.(2010).*Physiology of Behaviour*.(10thEd.).US:Pearson Publications
Garrett,B.(2011).*Brain and Behaviour*.(3rdEd).Canada:Sage Publications Inc.
Kalat,J.W.(2004).*Biological Psychology*.(8th Ed) . Canada: Thomson Learning Inc.
Pinel,J.P.J.(2010).*Biopsychology*.(8th ed.).Pearson Publications.
Rosenweig,M.R,Breedlove,S.M&Watson,N.V.(2005).*Biological Psychology*.(4thEd).
US:Sinauer Associates Inc.

13MPS2203 Statistics in Psychology

4 Credits

[Total Hours :65]

Learning Objectives

- To enable students to understand, gather information and differentiate the statistical procedures used in research.
- To compute data
- To enable the students to describe and interpret research results
- To enable students to apply different statistical procedures for hypothesis testing

Unit I: Introduction to Statistics (12 Hrs.)

Definition; Nature; Importance of statistics in psychological research; Frequency distributions- Tables, graphs, percentiles, percentile ranks, and interpolation; Descriptive statistics- Measures of central tendency and variability; Probability- Principles, Characteristics of Normal probability curve- Skewness, Kurtosis.

Unit II: Hypotheses Testing (10 Hrs.)

Logic of hypotheses testing; Errors in hypothesis testing; Hypothesis tests with t-statistic; Directional hypothesis test; one tailed test; Independent sample and related sample.

Unit III: Introduction to Analysis of Variance (11 Hrs.)

Logic of ANOVA- Hypotheses testing, repeated measures, independent measures, 2 Way ANOVA; MANOVA.

Unit IV: Correlation (12 Hrs.)

Pearson's product moment correlation; Spearman Rho; Other measures of relationship- Bi serial and Point bi serial correlations ; Introduction to regression- Linear Regression, Multiple regression, testing and Application.

Unit V: The Chi- Square statistic (10 Hrs.)

Chi – square test for goodness of fit; Chi – square test for independence; Application of Chi- square test; Statistical test for ordinal data-Mann Whitney tests.

Unit VI Practical (10 Hrs.)

Computer assisted analysis – software packages

Books for Reference

Black, TR. *Quantitative research designs for Social science*. Thousand Oak: Sage Publications.

Edwards, A. K. (1976). *Experimental Designs in Behavioural research*. Prentice hall

Frederick, J.G, William, L.B. (2007). *Statistics for Behavioral Sciences*. (7th Ed.). Thomson Wadsworth.

Kothari, C.R. (2008). *Research Methodology: Methods and Techniques*. (2nd Ed.). New Age International.

Kaplan, R.M & Dennis, P. (2005). *Psychological Testing*. (6th Ed.). India Edition.

Cohen, L. et al. (2000). *Research Methods in Education*. (5th Ed.)

13MPS2204 Health Psychology

4 Credits

[Total Hours: 65]

Learning Objectives

- To acquire knowledge about the psychological and social process in health.
- To deal effectively with health issues.
- To develop better well being

Unit I Introduction (11Hrs.)

Definition, Bio-psycho social model of Health Psychology; Health care services; Research Methodology – anecdotal method, case study method, correlational research, experimental method

Unit II Health Promotion & Disease Prevention (12 Hrs.)

Stress; Theories of stress (any two); Dimensions of stress; Coping Strategies; Health Compromising Behavior; Alcohol Abuse; Drug Abuse; Smoking

Unit III Health Behavior Modification & Enhancing Behavior (14 Hrs.)

Cognitive Behavioral Approach; Classical Conditioning; Modeling; Stimulus Control; Relapse Prevention; Exercise; Weight Control; Meditation; Social Support

Unit IV Immune System & Pain (16 Hrs.)

Psycho-Neuro immunology; Academic Stress & Immune Function; Negative Affect & Immune Functioning; Disorders of the Immune System- Infectious Diseases; Co-factor Theory; Behavioral Factors; AIDS; Cancer **Pain:** Nature and significance of Pain; Pain control techniques; Management of Chronic Pain; Arthritis

Unit V Improving Health & Well Being (12Hrs.)

Personality and Individual Differences; Stress-Hardiness; Motive Patterns; Gaining Sense of Control; Enhancing Support

Books for Reference:

- AshtekarShyam.(2001).*Health &Healing*.Orient Longman Ltd.
- Bernard,L&Krupat,E.(1994).*Health Psychology*.Harcourt-Brace Col.Pub.
- David Marks.(2009).*Health Psychology*.Sage Publication.
- GirishwarMisra,(1999).*Psychological Perspectives on Stress &Health*.Concept Publishing Co. New Delhi.
- Gurung.(2006).*Health Psychology a Cultural Approach*.Thomson Publication.
- Kaplan, R.M, Sallies Jr.J.F&Patterson.T.L. *Health & Human Behavior* (4thed). McGraw Hill International Inc.
- Paul Comic &Micpaul.(2003).*Clinical Handbook of Health Psychology*.Hogrefe Pub.
- Straut O Richard.(2002).*Health Psychology*.Worth Publishers. New York.
- Taylor,S.E,(2006).*Health Psychology*.McGraw Hill International.Inc.
- Thou Teisi.(2011).*Health Psychology*.ABD Publication.
- Jane Oglan.(2002).*Essential reading in Health Psychology*.McGraw Hill Pub.

SPECIALISATION- CLINICAL PSYCHOLOGY

13MPS2A01 Psychopathology I

4 Credits

[Total Hours: 65]

Learning Objectives

- To enable students to become conversant with descriptive child psychopathology i.e. the symptoms and syndromes in the current classification systems used in research and clinical practice.
- To gain increased understanding of the nature of psychopathology, and how it differs from normal development.
- To gain familiarity with the framework(s) of developmental psychopathology and major risk and protective processes, including the potential interplay of biological and psycho-social factors in development.
- To obtain an appreciation of the range and character of child adjustment and psychological and behavioral disorders and syndromes.

Unit I Introduction to Psychopathology (10 Hrs.)

Changing attitudes toward mental health/illness, models for understanding psychopathology, Need for and types of classification-DSM and ICD.

Unit II Childhood Disorders: Mental Retardation, Learning and Motor Skills disorders (12 Hrs.)

Diagnosis, Etiology and treatment of Mental retardation, Learning and motor skill disorders.

Unit III Childhood Disorders: Communication, Anxiety and Pervasive Developmental Disorders (15 Hrs.)

Diagnosis, Etiology and treatment of Communication disorders-Expressive Language and Mixed, Receptive-expressive language disorder, Phonological disorder, stuttering; Pervasive Developmental Disorders-Autistic disorder, Rett's disorder, Childhood Disintegrative disorder. Asperger's disorder; Anxiety disorders-Separation Anxiety disorder, Selective Mutism; Reactive Attachment disorder in infancy/early childhood.

Unit IV Childhood Disorders: Attention Deficit, Disruptive behaviour and Tic Disorders (14 Hrs.)

Diagnosis, Etiology and treatment of Attention deficit disorders-Attention deficit/Hyperactivity disorder, Conduct disorder; Tic disorders- Tourette's disorder, Chronic Vocal or motor Tic disorder, Transient Tic disorder.

Unit V Childhood Disorders: Feeding, Eating and Elimination disorders (14 Hrs.)

Diagnosis, Etiology and treatment of Feeding and Eating disorders in infancy or early childhood-Feeding disorder, Rumination disorder, Pica; Elimination disorders- Enuresis, Encopresis.

Books for References

First,M.B&Tasman,A.(2004). *DSM IV TR Mental Disorders.Diagnosis, Etiology and treatment*. John Wiley and Sons

Sadock,B.J&Sadock,V.A.(2007).*Synopsis of Psychiatry:Behavioral Sciences/Clinical psychiatry*.(10th ed.).Lippincott Williams & Wilkins

Gelder,M.G& Lopez-Ibor,J.J.(2003).*New Oxford Textbook of Psychiatry*.Oxford University Press

Ahuja,N.(2006).*A Short Textbook of Psychiatry*.(6th ed.). Delhi:Medical Publishers Pvt Ltd.

Specialisation-Industrial Psychology and Organisational Behaviour

13MPS2B01 Organisational Behaviour I

4 Credits

[Total Hours: 65]

Learning Objectives

- To understand individual and group behaviour at work
- To help students understand ways to apply content about Organizational Behaviour to the real world sensitivities, demands, and practices.

Unit I Introduction to Organizational Behavior (13 Hrs.)

Definition; Nature; Goal; Historical Background; Challenges and opportunities for OB- Managerial perspectives, Information technology; Learning organisations.

Unit II Macro Dynamics of Organizational Behavior (13 Hrs.)

Group Dynamics; Teams; Nature of Groups; The Dynamics of Informal Groups; The Dynamics of Formal Work Groups; Teams in Modern Workplace.

Unit III Industrial Conflict (13 Hrs.)

Interactive conflict and negotiation skills; Intra Individual Conflict; Interpersonal Conflict-Inter group Behaviour ; Conflict- Organizational conflict; Negotiation skills.

Unit IV Coping with Organizational Life (13 Hrs.)

Emotions and Stress-Understanding emotions, properties, types, the role of emotion and mood in organization; Managing emotions; Meaning of Stress, Causes of Stress, The Effects of Stress, Managing stress. Organizational stress-Causes, Effects and coping strategies,

Unit V Leadership and Power (13 Hrs.)

Leadership – nature and characteristics, Traditional Theories of Leadership, Modern theoretical framework of leadership, Leadership styles; Power- Meaning of power, Individual and empowerment, Power of organizational group.

Books for Reference

Kumar,Akshaya. (1997). *Organizational design and structure*. New Delhi:Common Wealth Publishers .

Dharani,P. and Sinha, T. (1998). *Group Team Building and Organizational Development*.Delhi:Indian Society for Applied Behavioral Science.

Green berg, J. and Baron, R.(1999). *Behaviour in organizations* .(5th ed).New Delhi:PHI

Luthans, F. (1998).*Organizational Behaviour*.(8 ed).Irwin McGraw Hill.

Robins ,S. (1996). *Organizational behaviour*.(1sted).New Delhi:PHI.

Miner, J B. (1992).*Industrial Organizational Psychology*.McGraw Hill.Inc.

13MPS22L5
Memory, Thinking and Learning

3 Credits

[Total Hours :60]

Experiments

4 Hrs. each

1. Levels of processing
2. Semantic memory
3. Verbal working memory-N back test
4. Concept formation
5. Tower of London- problem solving
6. Syllogistic reasoning
7. Creativity
8. Paired associate learning- Peterson's apparatus
9. Yerkes multiple choice
10. Massed Vs Spaced learning

13MPS2A L1- Clinical Psychology –Assessment of Cognition

3 Credits

[Total Hours 60]

Experiments 4 Hours each

1. Assessment of attention using Knox Cube Imitation Test
2. Assessment of memory abilities using PGI Memory Scale
3. Assessment of intelligence using Bhatia's Performance test of intelligence
4. Assessment of verbal intelligence using Jalota's general mental ability test
5. Assessment of planning ability using the Porteus Maze Test
6. Assessment of Neuropsychological functioning using NIMHANS battery
7. Assessment of Concept Formation- Haufmann Kaufman

13MPS2B L1- Industrial Psychology Assessment of Intelligence and Aptitude

3 Credits

[Total Hours 60]

Experiments:

1. Assessment of intelligence using -Cattell's Culture Fair Test
2. Assessment of Performance Quotient using WAPIS
3. Assessment of verbal intelligence using the General mental Ability Test
4. Assessment of aptitudes using the Differential Aptitude Test / DBDA
5. Assessment of intelligence using the Raven's Standard Progressive Matrices
6. Administration of the Minnesota paper form boards
7. Administration of the Minnesota clerical tests

III SEMESTER

13MPS3201 Positive Psychology

3 Credits

[Total Hours :60]

Learning Objectives:

- To enhance students with more Positive values and different perception towards life
- To give the knowledge about various states and approaches of Human's unique virtues
- To equip the students in handling the real life adversities of life in a positive and fruitful way

Unit I Nature and Assessment of Positive Psychology (12 Hrs.)

Definition of Positive Psychology; Eastern and Western Perspectives on Positive Psychology, Classifications and Measures of Human Strengths and Positive Outcomes. Positive Psychology in Context- Developing Strengths and Living Well in a Cultural Context, Living Well at Every Stage of Life.

Unit II Positive Emotional States and Process (12 Hrs.)

The Principles of Pleasure; Understanding Positive Affect; Positive Emotions; Happiness and Well-Being. Making the Most of Emotional Experience; Emotional-Focused Coping; Emotional Intelligence. Subjective Well-Being: The Science of Happiness and Life Satisfaction; The Concept of Flow.

Unit III Positive Cognitive States and Interpersonal Approaches (12 Hrs.)

Seeing Future through Self-Efficacy – Optimism and Hope. Two Universal Virtues – Wisdom and Courage. In Search of Optimal Experiences- Mindfulness, Flow, and Spirituality. The Relationship Connection: The Role of Minding in the Enhancement of Closeness, Compassion, Psychology of Forgiveness, Love.

Unit IV Pro social Behaviour and Changing Human Behaviour (12 Hrs.)

Empathy and Egotism-Portals to Altruism, Gratitude, and Forgiveness. Attachment, Love, and Flourishing Relationships. Changing Human Behavior: Balanced conceptualizations of Mental Health and Behavior. Positive Psychology in Context – Developing Strengths and Living Well in a Cultural Context; living well at Every Stage of Life.

Unit V Self-Based Approaches (12 Hrs)

The Truth about Illusions: Authenticity and Positivity in Social, Authenticity, Uniqueness Seeking. Positive self- Self Esteem- Self Efficacy- Coping strategies- Problem solving- Social support- Catharsis- Faith- Meditation- Relaxation- Reframing- Humor.

Books for Reference

Dr. Alan Carr.(2004). *Positive Psychology*. Rutledge publication.
Shane J. Lopez. *Oxford Handbook of Positive Psychology*. Oxford Library of Psychology.
Snyder C.R and Lopez Shane J. *Positive Psychology*. The Scientific and Practical Explorations of Human Strengths by Sage South Asia

13MPS3202 Social Psychology

4 Credits

[Total Hours: 65]

Learning Objectives

- To understand the important concepts, and the fields related and scope of Social Psychology.
- To apply concepts of Social Psychology to different fields
- To develop interpersonal skills.
- To create a sensitivity toward healthy social well-being.

Unit I Introduction to Social Psychology

(11 Hrs.)

Definition; Nature of Social Psychology; Causes of social behaviour and thought; Research methods in social psychology; New perspective in social Psychology; Application of Social Psychology.

Unit II Social Perception and Cognition

(13 Hrs.)

Nonverbal communication; Attribution-Theories, Basic sources of attribution; Impression formation and impression management; Accuracy of social perception Social cognition- schemas; Heuristics; error in social cognition; affect and cognition.

Unit III Attitudes and Prejudice

(13 Hrs.)

Attitude formation - Social learning, Acquiring attitudes, Influence of attitude on behavior, Resistance to persuasion, Cognitive dissonance; Prejudice- Causes; Effects; and cures.

Unit IV Aggression and Crime

(14 Hrs.)

Aggression in the community — Definition, nature, Theories of aggressive behavior, Control and prevention of aggression; Violence-Definition, Different types of violence — Domestic and group violence, Effect, Control and prevention; Role of community psychologists in control of such behavior. Crime -Definition; Types; Causes; prevention of crime; Rehabilitation of criminals; Role of psychologists.

Unit V Social Influence and Pro Social Behavior

(14 Hrs.)

Social influence - Conformity ; group influence; Factors affecting conformity; Resistance; Compliance; Extremes forms of social influence - Obedience to authority and Indoctrination; Pro Social behaviour- decision to help in emergency; attraction; attributions; volunteering; empathy; altruism.

Books for Reference

- Barron ,R.A&Byrne,D. *Social psychology*. (10th ed):Prentice Hall Private limited
- Hernistra, N .W.(1974).*Psychology and Contemporary Problems*.California: Brooks/ColeCo.
- Bloom, M. (1996). *Primary Prevention Practices* .New Delhi: Sage Publications.
- Chelf, C. P. (1992).*Controversial Issues in Social Welfare Policy*. New Delhi: Sage Publications IndiaPvt.Ltd.
- Davar ,B. (1999). *Mental health of Indian Women*. New Delhi: Sage Publications.
- Prakash, I. &Bhogle, S. (1998).*Psychology and Changing world*. Bangalore: Prasaranga. BangaloreUniversity.
- Misra ,G. and Nagpal, A. (1999).*Psychology of poverty and disadvantages*. New Delhi:Concept PublishingCo.
- Tripathi, R .C and Misra.(1998).*Deprivation-Its Social roots and psychological consequences*.NewDelhi.
- Zax, Maim and Specter, S S. *An introduction to community psychology*. NY: John Wiley and Sons. Inc.

Specialisation-Clinical Psychology 13MPS3A01 Psychopathology II

4 Credits

[Total Hours: 65]

Learning Objectives

- To gain awareness and understanding of the theories, principles, and practices those encompass the field of psychopathology
- To examine, the neurological and psychological disorders and to consider their symptoms as well as their biological causes, consequences and response to treatment
- To offer an approach to understanding psychopathology – integrating the influences of biology as well as social-environmental factors.
- To describe and classify disorders occurring in adulthood and analyse treatment methods.

Unit I Anxiety disorders (13 Hrs.)

Diagnosis, Etiology and treatment of Panic disorder with and without Agoraphobia, Social and Specific phobias, OCD, PTSD, Acute stress disorder and GAD.

Unit II Sleep And Eating Disorders (13 Hrs.)

Diagnosis, Etiology and treatment of sleep and sleep wake disorders-Dysomnia, Primary Insomnia, Primary hypersomnia, Narcolepsy, Breathing related sleep disorder, Circadian Rhythm sleep disorder, Parasomnia, Sleep terror, sleep walking, REM sleep behaviour disorder; Eating disorders-Anorexia Nervosa, Bulimia Nervosa and Binge eating disorder.

Unit III Somatoform and Dissociative disorders (13 Hrs.)

Diagnosis, Etiology and treatment of somatoform disorders-Somatization disorder, Conversion disorder, Pain disorder, Hypochondriasis, Body Dysmorphic disorder, Factitious disorders Dissociative disorders-Dissociative amnesia, Dissociative Fugue, Depersonalisation disorder, Dissociative Identity disorder, Dissociative Trance disorder

Unit IV Impulse Control and Adjustment Disorder (13 Hrs.)

Diagnosis, Etiology and treatment of Impulse Control disorders-Intermittent explosive disorder, Kleptomania, Pathological Gambling, Trichotillomania, Adjustment disorder

Unit V Personality Disorders (13 Hrs.)

Diagnosis, Etiology and treatment of Personality disorders
Paranoid, Schizoid, Schizotypal, Antisocial, Borderline, Histrionic, Narcissistic, Avoidant, Dependent, Obsessive Compulsive, Passive aggressive and Depressive personality disorders

Books for Reference

First, M.B. & Tasman, A. (2004). *DSM IV TR Mental Disorders*. Diagnosis, Etiology and treatment. John Wiley and Sons.

Sadock, B.J. & Sadock, V.A. (2007). *Synopsis of Psychiatry-Behavioral Sciences/Clinical psychiatry*. (10th ed.). Lippincott Williams & Wilkins.

Gelder, M.G. & Lopez-Ibor, J.J. (2003). *New Oxford Textbook of Psychiatry*. Oxford University Press.

Ahuja, N. (2006). *A Short Textbook of Psychiatry*. (6th ed.). Delhi: Medical Publishers Pvt Ltd.

Specialisation-Clinical Psychology 13MPS3A02 Psychological Intervention I

4 Credits

[Total Hours 65]

Learning Objectives

- To familiarize students with the premises of the dominant schools of psychotherapy.
- To identify the link between theory and intervention.
- To understand the role of personal therapist characteristics that impacts the delivery of a psychological intervention.
- To begin to develop an implicit working model of circumstances under which interventions are warranted.

Unit I Introduction (11 Hrs.)

Origin; Definitions of Psychotherapy; Perspectives; Common & Specific factors; Course of intervention; Stages of change; Psychotherapy in India.

Unit II Ethics and Issues (11 Hrs.)

General issues in psychotherapy, Ethics code, training and supervision; Methods, applications, Ethics versus law

Unit III Psychoanalysis and Psychodynamic Psychotherapy (13 Hrs.)

Theoretical Assumptions; Practice; Major techniques and limitations of Classic psychoanalysis and Psychodynamic psychotherapy- Case Studies

Unit IV Person Centered And Existential Therapy (15 Hrs.)

Theoretical Assumptions; Practice; Major techniques and limitations of classic psychoanalysis and Person Centered therapy and Existential therapy-Case Studies

Unit V Cognitive and Behavioral therapy (15 Hrs.)

Theoretical Assumptions; Practice; Major techniques and limitations of Cognitive therapy and Behavior therapy-Case Studies

Books for Reference

- Bellack A. S., &Hersen, M. (1980).*Introduction to Clinical Psychology*. Oxford: Oxford University Press.
- Bernstein, D.A &Nietzel, M. T. (1980).*Introduction to Clinical Psychology*. New York: McGraw Hill.
- Carson. R. C,Pincka, S., & Butcher, N. (1999). *Abnormal Psychology and Modern Life*. (11th ed.) New York: Addison Wesley Longman Inc.
- Choca, J. P. (1986). *Manual for Clinical Psychology Trainees*. New York: Brunner Mazel
- Hersen, M.,Kazdin, A.E.,&BellacK A. S. (1983). *The Clinical Psychology Handbook*. NY: Pergammon Press.
- Walker.C.E.(1991). *Clinical Psychology*. New York: Plenum Press.
- Wolman, B. B (1965).*Handbook of Clinical Psychology*. (10thed): New York: McGraw Hill.

Specialisation-Industrial Psychology
13MPS3B01 Industrial Psychology I

4 Credits

[Total Hours 65]

Learning Objectives

- To understand and analyze the role of a psychologist in organizations, with emphasis on the various personnel functions,
- To orient students to the recent trends of human resource management
- To understand individual and group behaviour at work
- To enable students to apply content about Organizational Behaviour to the real world sensitivities, demands, and practices.

Unit I Introduction to Industrial Psychology (13 Hrs.)

Scope of industrial psychology; Historical development and current status of Industrial Psychology in India; scope of the industrial psychologist's work; Personnel selection – Selection models; Steps in selection procedure; Techniques of selection-Psychological Testing, Interview, Reference letters and other selection devices; Strategies for retention.

Unit II Psychological processes at work (13 Hrs.)

Importance of perception; Perceptual organization; Factors of perception, perceptual set, attribution, stereotyping, halo effect, perceptual context, perceptual defense; Social perception; Impression Management; Personality and Attitudes-Antecedents, Implications of personality and attitude on work performance; Individual differences — Self efficiency; Emotional Intelligence; Optimism.

Unit III Motivation, incentives wage and salary Administration (15 Hrs.)

Concept of work motivation; Content and process; Theories of work motivation-contemporary theories of work motivation; Motivating performance through job design-Factors affecting job design- organizational factors, environmental factors, and behavioural factors; Goal setting; Socio-technical systems; Quality of work life; Incentives- meaning, features; Types; Salary and Wage administration

Unit IV Learning (13 Hrs.)

Principles of learning in the context of organization; Reinforcement -Reward and punishment systems; Behavioural management and OB modifications.

Unit V Communication in organization (11Hrs.)

Types of communication - Verbal, Nonverbal, Interpersonal, Formal and informal, Nonverbal communications, Upward, Downward, Lateral communication; Barriers in communication; Effective communication; Communication media and technology; Communication across culture.

Books for Reference:

Berry, Lilly M. (1998). *Psychology at Work-An Introduction to Organizational and Industrial Psychology*. McGraw Hill International.

Disboye, R.L., Smith, C.S. & Howell W.C. (1994). *Understanding Industrial Organizational Psychology*. New York: Harcourt Brace International.

Hersey, P. & Blanchard, K.H. (1992). *Management of organizational behavior*. (5 ed.). New Delhi : PHI.

Mamoria, C.B. & S.V. Gankar. *Personal management*. Himalaya Publishing House

Specialization-Industrial Psychology
13MPS3B02 Organisational Behaviour II

4 Credits

[Total Hours: 65]

Learning Objectives

- To understand individual and group behaviour at work.
- To develop decision making skills.
- To help students understand ways to apply content about Organizational behaviour to the real world sensitivities, demands, and practices.
- To develop and assess psychological tools for human behaviour at work.

Unit I Job Satisfaction and Organizational Commitment (13 Hrs.)

Theories and measure of job satisfaction; Consequences of job dissatisfaction and how to avoid them; Organizational commitment- Types; Ways to develop organizational commitment.

Unit II Decision Making (12 Hrs.)

Definition; Steps in decision making process; Rational decision making model; Creativity in decision making; Group decision making.

Unit III Organization Structure and Design (14 Hrs.)

Work specialization; Departmentalization; Chain of command; Span of control; Centralization and decentralization; Formalization; Organizational designs- Simple, Bureaucracy, Matrix and modern structure-Team, Virtual and boundaryless; Organizational structure and employee behavior.

Unit IV Organizational Culture (11 Hrs.)

Definition; Nature; Function of culture; Creating and maintaining culture; Managing cultural change; Organizational culture; National and international culture.

Unit V Organizational Change and Development (15 Hrs.)

Forces of change; Managing planned change; Resistance to change; Contemporary issues in organizational change-Work stress, Stimulating innovations, Knowledge management; Managing change through organizational development- Sensitivity training, Survey, Feedback, Team building.

Books for Reference:

Kumar, Akshya. (1997). *Organizational design and structure*. New Delhi: Common Wealth Publishers.

Sinha, D.P (1998). *Group Team Building and Organizational Development*. Indian Society for, Applied Behavioural Science. Delhi.

Greenberg, J. and Baron, R.(1999). *Behaviour in organizations*. (5th ed). New Delhi: PHI.

Luthans, F. (1998). *Organizational Behaviour*. (8ed). Irwin McGraw Hill.

Miner, J .B. (1992). *Industrial organizational psychology*. McGraw Hill. Inc.

Robins, S. (1996). *Organizational behaviour*. (1sted). New Delhi: PHI.

13MPS3A L1
Clinical Psychology – Screening Test for Children

3 Credits

[Total Hours: 60]

Experiments

1. Assessment of intelligence using Seguin Form Board
2. Assessment of intelligence using WISC (performance only)
3. Screening for learning disability using NIMHANS index for SLD
4. Assessment of intelligence and personality using Draw A Man test
5. Assessment of personality through CAT
6. Screening for Development psychopathology using DPCL — (MalavikaKapur)
7. Determination of Development Quotient using Developmental Screening test

(Bharath Raj)

13MPS3A L2 Clinical Psychology–Assessment of Personality

3 Credits

[Total Hours: 60]

Experiments

1. Assessment of Adjustment using Bell's Adjustment Inventory
2. Assessment of dimension of Personality using EPQ
3. Assessment of Personality traits using Cattell's 16 PF Questionnaire
4. Assessment of personality using Neo five Factors inventory
5. Screening subjects on the GHQ 28
6. Assessment of personality on the Rorschach Ink Blot test
7. Assessment of interpersonal relations using TAT

13MPS3BL1 Industrial Psychology- Assessment of Personality and Interest

3 Credits

[Total Hours: 60]

Experiment

1. Assessment of personality traits using the 16 PF questionnaire
2. Assessment of personality dimensions using Eysenck's Personality Inventory
3. Assessment of personality using the Kundu's Neurotic Personality Inventory
4. Assessment of adjustment using Bell's Adjustment Inventory
5. Administration of FIRO-B to assess Interpersonal Relationships
6. Assessment of Interest using Chatterji's Non -Language preference record
7. Administration of Strong's Vocational Interest Blank

13MPS3BL2 Industrial Psychology-Screening & Assessment

3 Credits

[Total Hours 60]

Experiments

1. Assessments of Occupational stress
2. Assessment of Burn out
3. Assessment of Job satisfaction
4. Assessment of Work motivation
5. Assessment of Type A/B behaviour
6. Assessment of Quality of work life
7. Assessment of Leadership skills

IV SEMESTER

Specialization - Clinical Psychology
13MPS4A01 Psychopathology III

4 Credits

[Total Hours: 65]

Learning Objectives

- To gain increased understanding of the nature of adult psychopathology, and how it differs from normal development.
- To improve the ability to differentiate various psychopathological disorders in adulthood.
- To improve understanding of the relationship of assumed or known causal factors to demonstrated problems.
- To increase knowledge of interventions for disorders occurring in adulthood.

Unit I Schizophrenia and Other Psychotic Disorders (13 Hrs.)

Diagnosis, Etiology and treatment of Schizophrenia, Schizoaffective disorder, Brief psychotic disorder, Schizophreniform disorder, Delusional disorder.

Unit II Mood Disorders (13 Hrs.)

Diagnosis, Etiology and treatment of Major depressive disorder, Dysthymic disorder, Premenstrual Dysphoric disorder, Bipolar disorders.

Unit III Delirium, Dementia and Amnestic Disorders (13 Hrs.)

Delirium - Diagnosis, Etiology and treatment; Dementia-Dementia of Alzheimer's type, Vascular dementia, Dementia due to HIV, other medical conditions, Substance induced Persisting dementia, Amnestic disorders.

Unit IV Substance Related Disorders (13 Hrs.)

Diagnosis, Etiology and treatment of substance disorders from use of Alcohol, Amphetamine, Caffeine, Cannabis, Cocaine, Hallucinogens, MDMA, Inhalants, Nicotine, Opioids, Phenylcyclidine, sedatives, hypnotics and anxiolytics; Kleptomania, Pathological Gambling, Trichotillomania, Adjustment disorder.

Unit V Sexual Disorders (13 Hrs.)

Sexual disorders-sexual dysfunctions, Female sexual arousal disorder, Male erectile disorder, Female/Male Orgasmic disorder, premature ejaculation, Dyspareunia, Veganism's, dysfunctions due to GMCs, substance induced, Gender Identity disorder, Paraphilia.

Books for Reference:

First, M.B. & Tasman, A. (2004). *DSM IV TR Mental Disorders*. Diagnosis, Etiology and treatment. John Wiley and Sons.

Sadock, B.J. & Sadock, V.A. (2007). *Synopsis of Psychiatry-Behavioral Sciences/Clinical psychiatry*. (10th ed.): Lippincott Williams & Wilkins.

Gelder, M.G. & Lopez-Ibor, J.J. (2003). *New Oxford Textbook of Psychiatry*. Oxford University Press.

Ahuja, N. (2006). *A Short Textbook of Psychiatry*. (6th ed.). Delhi: Medical Publishers Pvt Ltd.

13MPS4A02 Psychological Interventions II

4 Credits

[Total Hours 65]

Learning Objectives

- To learn the basic underpinnings of the major paradigms of psychotherapy with an emphasis on proposed mechanisms of both Etiology and curative or change factors.
- To develop skills in basic interventions of family therapy based on major theoretical positions.
- To promote skill development in and understanding of case management strategies and issues in time-limited therapy.

Unit I Introduction

(10 Hrs.)

Foundations; Evolution of family therapy; Early models and basic techniques-Stages, Assessment, Ethical dimension, Fundamental concepts.

Unit II Family systems and Structural Family Therapy

(13 Hrs.)

Theoretical formulation; Goals of therapy; Conditions for change; Assessment and therapy techniques in Bowen's Family systems therapy and Structural Family therapy. Case analyses

Unit III Cognitive Behavioural Family therapy

(14 Hrs.)

Theoretical Formulations, Normal family development, Goals of therapy; Conditions for change; Behavioural training for parents and couples; Case analyses

Unit IV Strategic and Solution focused therapy

(13 Hrs.)

Theoretical Formulations; Normal family development; Goals of therapy; Conditions for change; Assessment and therapeutic techniques in Strategic Family therapy and Solution focused family therapy; Case analyses

Unit V Psychoanalytic, Experiential and Narrative therapy:

(15 Hrs.)

Theoretical Formulations; Normal family development; Goals of therapy; Conditions for change; Assessment and therapeutic techniques in Psychoanalytic Family therapy; Experiential therapy and Narrative therapy; Case analyses

Books for Reference:

- Bellack, A. S. & Hersen, M. (1980). *Introduction to Clinical Psychology*. Oxford: Oxford University Press.
- Bernstein, D.A. & Nietzel, M. T. (1980). *Introduction to Clinical Psychology*. New York: McGraw Hill
- Carson, R. C., Pinacka, S. & Butcher, N. (1999). *Abnormal Psychology and Modern Life*. (11th ed): New York: Addison Wesley Longman Inc.
- Choca, J. P. (1986). *Manual for Clinical Psychology Trainees*. New York: Brunner Mazel
- Hersen, M., Kazdin, A.E. & Bellack, A. S. (1983). *The Clinical Psychology Handbook*. NY: Pergamon Press.
- Walker, C.E. (1991). *Clinical Psychology*. New York: Plenum Press.
- Wolman, B. B. (1965). *Handbook of Clinical Psychology*. (10th ed). New York: McGraw Hill.

Specialization- Industrial and Organizational Behaviour Psychology

13MPS4B01 Industrial Psychology II

4 Credits

[Total Hours 65]

Learning Objectives

- To understand and analyse the role of a psychologist in organizations, with emphasis on the various personnel functions, as well as recent trends.
- To understand individual and group behavior at work
- To develop training modules

Unit I Training

(13 Hrs.)

Definition; Need and importance of training; System approach to training; Methods of training- On the job training and off-the-job training- Both managerial and non-managerial category; Factors determining the effectiveness of training ; Measurement and evaluation of training effectiveness.

Unit II Performance Appraisal:

(13 Hrs.)

Definition of performance appraisal; Need and objective of appraisal; Technique and methods of performance appraisal; Traditional methods and modern methods; ISO; 6-sigma; Quality circles for the performance appraisal.

Unit III Work environment:

(13 Hrs.)

Physical and psychosocial environment impact on work performance; Man and machine Integration; Person environment fit theory; Effect of environmental factors on performance-Fatigue, Boredom, Monotony; Determination of ideal work environment and job satisfaction.

Unit IV Compensation Management:

(13 Hrs.)

Introduction; Definition; Need for sound salary administration; Objectives; Factors affecting wages/ salary levels; Benefits-Incentive and wage plan.

Unit V Behavioral Issues in Industry:

(13 Hrs.)

Absenteeism; Alcoholism; Attrition rate; Gender differences; Accidents; Intervention techniques for handling behavioural issues; Compensation.

Books for Reference:

Berry, L.M. (1998). *Psychology at work- an introduction to organizational and industrial Psychology*. McGrawHill International.

Disboye, R.L., Smith, C.S., Howell, W.C. (1994). *Understanding Industrial organizational psychology*. New York: Harcourt Brace International.

Hersey, Paul & Blanchard, K.H. (1992). *Management of organizational behavior*. New Delhi: PHI.

13MPS4B02 Consumer Psychology

4 Credits

[Total Hours 65]

Learning Objectives

- To understand the wide range of psycho-social impact on consumer behaviour.
- To analyze and apply the psychological principles used in consumer behaviour.
- To develop research inquiry in consumer behavior.

Unit I Introduction to Consumer Behavior (10Hrs.)

Introduction to consumer behavior; Role of consumer behaviour in marketing; Development of consumer behavior; Consumer behaviour model- Howard Sheth model of buying behavior.

Unit II Consumer Needs and Motivation (13 Hrs.)

Meaning of motivation; Needs and Goals; Dynamic nature of motivation; Types and theories of motivation-Maslow's hierarchy of needs, McClelland's theory of need achievement, Vroom's Expectancy theory, and Freud's psychoanalytical theory.

Unit III Consumer Perception (14 Hrs.)

Meaning and dynamics of perception; Absolute and differential threshold; Selective perception; Consumer imagery- Brand image, Perception of Quality, Perception of risk, Perceptual organization, Categorization; Inference.

Unit IV Consumer Attitudes (13 Hrs.)

Nature and function of attitude; Attitude formation; Structural models of attitude; Tri component and multi-attribute model; TORA; Attitude change; Multi attribute and ELM; Cognitive dissonance.

Unit V Consumer Decision Making Process (15 Hrs.)

Model of consumer decision making; Problem recognition and information search; Evaluations-Compensatory and non-compensatory, Conjunctive, Disjunctive and lexicographic choice rules; Purchase-store choice; Post purchase process- Dissonance, Satisfaction/dissatisfaction; Attribution theory; Dis-satisfaction response; Disposal behaviour.

Books for References

- Schiffman, L.G. & Kanuk, L.L. (2003). *Consumer Behaviour*. (7thed). Prentice Hall Publications.
- Assael, H. (2001) *Consumer Behaviour & Marketing Action*. (6thed). Thomas Publications.
- Engel, J.F., Blackwell, R.D. & Miniard, P.W. (2001). *Consumer Behaviour*. Thomson learning
- Solomon, M.R. (1998). *Consumer Behaviour* (4thed). Prentice Hall.
- Hawkins, D.I. & Best, R.J. (2002). *Consumer Behaviour-Implication for marketing strategy*. (8thed): Irwin.
- Loudon & Della, B. (2002). *Consumer Behaviour- concept and applications*. (4thed). Tata McGrawHill
- Lindquist, J.D & Sirgy, J. (2003). *Consumer Behaviour*. (2nded). Biztantra: Wiley Dreamtech publication.

**13MPSA03 Human Resource Management
(Compulsory for Clinical Psychology Specialization)**

4 Credits

[Total Hours 65]

Learning Objectives

- To enable the students to understand the basic functioning of human resource management
- To apply psychological principles in managing Human resource

Unit I Human Resource Management: (10 Hrs.)

Definition; Nature; Functions; Human resource planning- Process, Objectives; Manpower planning-Importance, Steps in man power planning.

Unit II Employment and development of personnel: (10 Hrs.)

Job analysis; Job description; Techniques; Recruitment-Techniques.

Unit III Training (12 Hrs.)

Definition; Need and importance of training; System approach to training; Methods of training- On the job training and off-the-job training- Both managerial and non-managerial category; Factors determining the effectiveness of training ; Measurement and evaluation of training effectiveness.

Unit IV Performance Appraisal: (12 Hrs.)

Definition of performance appraisal; Need and objective of appraisal; Technique and methods of performance appraisal; Traditional methods and modern methods; ISO; 6-sigma; Quality circles for the performance appraisal.

Unit V Compensation Management: (13 Hrs.)

Introduction; Definition; Need for sound salary administration; Objectives; Factors affecting wages/ salary levels; Benefits-Incentive and wage plan.

Unit V Behavioral Issues in Industry: (8 Hrs.)

Absenteeism; Alcoholism; Attrition rate; Gender differences; Accidents; Intervention techniques for handling behavioral issues; Compensation.

Books for References:

- Berry, Lilly M. (1998). *Psychology at Work- An Introduction to Organizational and Industrial Psychology*. McGraw Hill International.
- Disboye, R.L., Smith, C.S. & Howell W.C. (1994). *Understanding Industrial Organizational Psychology*. New York: Harcourt Brace International.
- Greenberg, J. and Baron, R. (1999). *Behaviour in organizations*. (5th ed). New Delhi: PHI.
- Hersey, P. & Blanchard, K.H. (1992). *Management of organizational behaviour*. (5 ed.). New Delhi. PHI.
- Luthans, F. (1998). *Organizational Behaviour*. (8ed). Irwin McGraw Hill.
- Mamoria, C.B. & S.V. Gankar. *Personal management*. Himalaya Publishing House.
- Miner, J. B. (1992). *Industrial organizational psychology*. McGraw Hill. Inc.
- Robins, S. (1996). *Organizational behaviour*. (1sted). New Delhi: PHI

**13MPS4B03 Psychological Disorders and Intervention Techniques
(Compulsory for Industrial Psychology Specialization)**

4 Credits

Total Hours 65]

Learning Objectives

1. To learn the basic psychological disorders and curative or change factors.
2. To apply the knowledge in diagnosis and interventions

Unit I Introduction

(12 Hrs.)

Attitudes and concepts of mental health and illness; Classification of psychological disorders- DSM and ICD systems of classification. Anxiety and stress related disorders: Causes; Features of anxiety disorders-GAD, Panic, Phobic disorders. OCD, PTSD; Case studies

Unit II Mood and Schizophrenic Disorders:

(12 Hrs.)

Causes; Features of mood disorders-Manic, Depressive; Bipolar mood disorders; Causes; types and Features of schizophrenia. Case studies

Unit III Somatoform and Dissociative disorders:

(12Hrs.)

Causes; Types and Features of- Somatisation disorder, Hypochondriac disorders and Dissociative disorders; Case studies

Unit IV Substance abuse:

(12 Hrs.)

Features of alcohol and substance abuse-Narcotics, Opioids, Amphetamine, Cocaine, Hallucinogens, Sedatives and Anxiolytics; Case studies

Unit V Intervention Techniques

(17 Hrs.)

Psychoanalysis and Psychodynamic Psychotherapy; Person Centred therapy; Cognitive and Behavioural therapy; family therapy; Cognitive Behavioural therapy; Case analyses

Books for Reference

Ahuja, N. (2006). *A Short Textbook of Psychiatry*. (6th ed.). Delhi: Medical Publishers Pvt Ltd.

Bellack A. S., & Hersen, M. (1980). *Introduction to Clinical Psychology*. Oxford: Oxford University Press.

Bernstein, D.A & Nietzel, M. T. (1980). *Introduction to Clinical Psychology*. New York: McGraw Hill

Carson. R. C, Pincka, S., & Butcher, N. (1999). *Abnormal Psychology and Modern Life*. (11th ed.). New York: Addison Wesley Longman Inc.

First, M.B & Tasman, A. (2004). *DSM IV TR Mental Disorders*. Diagnosis, Etiology and treatment. John Wiley and Sons.

Gelder, M.G & Lopez-Ibor, J.J. (2003). *New Oxford Textbook of Psychiatry*. Oxford University Press.

Sadock, B.J & Sadock, V.A. (2007). *Synopsis of Psychiatry-Behavioral Sciences/Clinical psychiatry*. (10th ed.). Lippincott Williams & Wilkin.

13MPS4AL1 / 13MPS4BL1 Research Oriented Practical / Dissertation and Viva-Voce

4 Credits

[Total Hours 65]

Learning Objectives

- To enable students to understand, gather information and differentiate the statistical procedures used in research.
- To enable the students to describe and interpret research results
- To enable the students to apply different statistical procedures for hypotheses testing
- To develop research inquiry and systematic research procedure.
- To Develop skill of research and report writing

Topic: Contemporary research areas

Evaluation process

Research process	40 marks
Dissertation	30marks
Viva Voce	30marks

13MPS4AI1 / 13MPS4BI1 Internship

4 Credits

[Total Hours 95]

Learning Objectives:

To develop Clinical and Organizational competencies for the following abilities

- Ability to adapt to a variety of tasks like assessing client needs, exploring clinical/organizational issues ,enacting timely interventions and skills
- Decision-making, judgments, setting priorities and develop understanding in the use of psychological assessment.
- Persistence to complete tasks and to develop work habits.

Evaluation process

- Supervisory evaluation on a “5-point scale based on personal and professional abilities.
- Case writing and assessment seminar.

Extension Activities

1 Credit

[Total Hours 30]

Learning Objective

To develop co-operative action involving participatory activity for a common cause