



माँ शाकुम्भरी विश्वविद्यालय, सहारनपुर
Maa Shakumbhari University, Saharanpur

**Post-Graduation and Pre-Ph.D. Course-Work Programs
in Psychology**

Curriculum and Syllabus

For the Department of Psychology of the Affiliated Colleges

And

School of Psychology

Maa Shakumbhari University, Saharanpur

2023-24

SEMESTER-1

<u>Semester-1</u>	
Paper-1: Research Methods	Course Code - 0710901
Objective: The aim is to familiarize the students with research's meaning, objectives and significance and the different methods and techniques used in data collection in research studies.	
Unit-1: Nature and Types of Psychological Research: Ex post facto, Experimental, Survey Research	
Unit-2: Methodological Strategies and Issues: Sampling Procedures	
Unit-3: Qualitative Methods: Nature, Assumptions. Grounded Theory, Ethnography	
Unit-4: Interview, Thematic Analysis, Questionnaire	
Unit-5: Writing Research Report: APA Style;	
Unit-6: Ethical issues in Psychological Research	
10 Hours per Unit,	Total: 60

Books:

- 1) Hewitt, D. & Cramer, D. (2005). *Introduction to research methods in psychology*. New Delhi: Pearson.
- 2) Giles, D. C. (2002). *Advanced research methods in psychology*. New York: Routledge.
- 3) Mohsin, S. M. (1984). *Research methods in behavioural sciences*. New Delhi: Orient Longman.
- 4) Denzin, N. K. & Lincoln, Y. S. (2005). *Handbook of qualitative research*. Thousand Oaks, CA: Sage Publications.

<u>Semester-1</u>	
Paper - 2: Statistical Methods & Experimental Designs	Course Code - 0710902
Objective: The objective is to get the students acquainted with the statistical concepts and methods in Psychology and to create an understanding of different types of design employed in psychological research.	
Unit-1: Normal Distribution: Properties & Application. Parametric and Nonparametric Statistics: Chi-square (χ^2) and Sign test, Kruskal-Wallis and Mann-Whitney Tests	
Unit- 2: Special Correlation Methods: Bi-Serial, Point Bi-Serial, Tetrachoric, Phi Coefficient	
Unit- 3: Test of Statistical Significance: 't' and ANOVA One- and Two-way.	
Unit- 4: Introduction to Experimental Designs; Randomized Group Designs, Block Designs, Factorial Design; Within-group Design.	
Unit- 5: Regression and Prediction: Multiple and Partial Correlations; Regression Analysis	
Unit 6: Using Statistical Software in Psychology	
10 Hours per Unit,	Total: 60

Books:

- 1) Broota, K. D. (2020). *Experimental design in behavioral research*. New Delhi: New Age International Private Ltd.
- 2) McGuigan, F. J. (1993). *Experimental psychology: Methods of research (6th Ed.)*. New Jersey: Prentice-Hall Inc.
- 3) Kerlinger, F. N. (2017). *Foundations of behavioral research*, New Delhi: Surjeet Publication.
- 4) Navarro, D., Foxcroft, D., & Faulkenberry, T. J. (2019). *Learning Statistics with JASP: A tutorial for psychology students and other beginners*. Freely downloadable from <https://learnstatswithjasp.com>

<u>Semester-1</u>	
Paper-3: Social Psychology	Course code- 0710903
Objective: The aim is to create understanding among the students about social behavior, social interaction, perception, aggression and violence.	
Unit- 1: Introduction, Nature, Meaning, Scope and Methods of Social Psychology	
Unit- 2: Theoretical Perspectives Social Construction, Social Exchange, Social Comparison	
Unit-3: Self and Identity: Organization of Self Knowledge, Culture and Self-Construal	
Unit-4: Person Perception, Self-Perception, Social Cognition, Influence Processes and Conformity	
Unit-5: Social Relations and Group Processes: Attraction and Intimacy, Pro-Social Behavior.	
Unit-6: Aggression and Violence, Prejudice and Inter-Group Conflicts, Psychology of Terrorism	
10 Hours per Unit,	Total: 60

Books:

- 1) Branscombe N. R., Baron. R. A., & Kapoor, P. (2017). *Social psychology*. New Delhi: Pearson Education.
- 2) Deaux, K., Dane, C. F., & Wrightsman, S. L. (1993). *Social psychology in the 90's (6th Ed)*. Pacific Grove, California: Brooks & Cole Publishing.
- 3) Myers, D. G. (2008). *Social psychology*. USA: McGraw Hill Inc.
- 4) Brehm, S. S. & Kassin, S. M. (1990). *Social psychology*. Houghton: Mifflin.
- 5) Shaver, K. G. (1987). *Principles of social psychology (3rd)*. New Jersey: Lawrence Erlbaum Associates.

<u>Semester-1</u>	
Paper-4: Biological Foundations of Behavior	Course code - 0710904
Objective: The purpose of the course is to acquaint with the structure and function of the nervous system, the relationship between the brain and behavior, the internal mechanism of hunger, thirst, reproductive behavior and the mechanism of hormonal control.	
Unit-1: Introduction to Physiological Psychology Nature and Scope. Methods of Research: Anatomic, electrical and chemical, radiological and behavior techniques.	
Unit-2: Structure and Functions of Brain Cells: Structure, Types and Functions of Neurons and Supportive cells of Brain. Resting Potential, Propagation of Action Potential, Blood Brain Barrier, Synaptic Transmission and Neurotransmitters.	
Unit-3: Anatomy of Nervous System: Types, Central Nervous System, and Peripheral Nervous System. Reflex Action	
Unit-4: Central Nervous System: Brain - Structure and functions; Spinal Cord - Structure and functions	
Unit-5: Recent Advances in Neurophysiology, Hemispheric Specialization and Localization, Consciousness, Altered Status of Consciousness, Biology of Meditation, Controversies in Biological Psychology	
12 Hours per Unit,	Total: 60

Books:

- 1) Carlson, N. R. (2005). *Foundations of physiological psychology (6th Ed)*. Boston: Pearson Education.
- 2) Kalat, W. (2017). *Biological psychology (13th Ed)*. Boston: Cengage Learning.
- 3) Levinthal, C. F. (1990). *Introduction to physiological psychology*. Delhi: Prentice Hall of India.
- 4) Roserweig, M. R., Breedlove, S. M., & Leiman, A. L. (2001). *Biological psychology: An introduction to behavior and cognitive and clinical neuroscience (3rd Ed.)*. USA: Sinauer Associates Inc.
- 5) Pinel, J. P. J. & Barnes, S. (2017). *Biopsychology (10th edition)*. USA: Pearson.

<u>Semester-1</u>	
Paper-5: Practicum	Course code - 0710980
<p>Following practicum to be carried out:</p> <ol style="list-style-type: none"> 1) Thematic Apperception Test (TAT) 2) Home (family) adjustment inventory 3) Conformity Behavior/ Prejudice/ Aggression 4) Interpersonal Attraction 5) Application of Qualitative Methods 6) Approval Motive Inventory <p><i>Note.</i> Besides the above, the teacher can also design/replace relevant practicum.</p>	
10 Hours per practicum,	Total: 60 hours

<u>Semester-1</u>	
Paper-6: Project - 1A	Course code - 0710965
Project-1A Prepare a case report using interview and other psychological tests/questionnaires,	
60 Hours for Project 1A	Total: 60 hours

<u>Semester-1</u>	
Minor Elective & Value Added (for other faculty)	Course Code-0710950
General Psychology	
Objective: To introduce the basic concepts of Psychology like learning, intelligence, motivation and emotions.	
Unit-1: Learning, Classical Conditioning, Operant Conditioning, Learning by insight, and Observational learning	
Unit-2: Intelligence- Nature and Definition, Concept of IQ, Theories of Intelligence: Spearman, Thurstone, Guilford, Stenberg, and Gardner	
Unit-3. Motivation: Nature and concepts (Needs, Drives, Instincts, Incentives). Types of Motives: Biological and Social Motives	
Unit-4: Emotions: Nature and Types of Emotions, Theories of Emotions.	
15 Hours per Unit,	Total: 60

Books:

- 1) Morgan, C. T., King, R. A., Weisz, J. R., & Schopler, J. (2017). *Introduction to psychology*. Delhi: McGraw Hill Education (India) Private Limited.
- 2) Baron, R. & Misra, G. (2016). *Psychology (5th Ed.)*. Delhi: Pearson Education.

<u>Semester-2</u>	
Paper- 1: Positive Psychology	Course Code – 0810901
Objective: This course is aimed at presenting the positive outlook and approaches to behavioral aspects of people, basic concepts and criteria of positive health and happiness and emotional competence in human life.	
Unit-1: Introduction: Nature of Positive Psychology, Assumptions and Goals.	
Unit-2: Happiness: Basic concept, Subjective well-being, Measurement of Happiness, Correlates of Happiness	
Unit-3: Positive Emotions and Well-being; Emotional Intelligence: Theoretical Models and Applications, Emotional Longevity, Hope and Optimism.	
Unit-4: Positive Traits: Big-Five Personality Factors, Virtues and Strengths of Character, Implications and Controversies.	
Unit-5: Positive Health and Positive Change: Meaning, Criteria of Positive Health, Stages of Change: Processes and Implication.	
12 Hours per Unit,	Total: 60

Books:

- 1) Carr, A. (2022). *Positive psychology: The science of wellbeing and human strengths (3rd Ed)*. London: Routledge.
- 2) Snyder, C. R. & Lopez, S. J. (2011). *Handbook of positive psychology*. New York: Oxford University Press.
- 3) Baumgardner, S. R. & Crothers, M. K. (2009). *Positive psychology*. Delhi: Pearson Education.

<u>Semester-2</u>	
Paper- 2: Fundamentals of Psychometrics	Course Code- 0810902
Objective: The main objectives of this course are to gain familiarity with psychometrics and psychological measurement, the nature, uses, criteria of psychological test, and the steps used in test construction, item analysis and application of the tests	
Unit-1: Fundamentals of Psychometrics, Nature of Psychological Measurement. Measurement Scales, Errors in Measurement	
Unit-2: Steps used in Test Construction and Item Analysis	
Unit-3: Types and Methods of Determining Different Types of Reliabilities and Validities.	
Unit-4: Standardization and norms; Types of Norms, Specificity of Norms	
Unit -5: Application of Tests and Ethical Issues.	
Unit -6: Introduction to Factor Analysis	
10 Hours per Unit,	Total 60

Books:

- 1) Chadha, N. K. (2009). *Applied Psychometry*. New Delhi: Saga Publication.
- 2) Guilksen, H. (1987). *Theory of mental tests*. New York: Routledge.
- 3) Jackson, C. (2003). *Understanding psychological testing*. Mumbai: Jaico Publication House.
- 4) Kline, T. J. B. (2005). *Psychological testing*. New Delhi: Sage Publication.

<u>Semester-2</u>	
Paper-3: Cognitive Psychology	Course Code - 0810903
Objective: This course seeks to create understanding and knowledge about cognitive aspects of behavior such as attention and perceptual process memory, language and speech production, thinking, problem-solving, and decision-making.	
Unit-1: Attention and Perceptual Processes: Current Paradigms, Frontal Lobe and Executive Processes, Switching Attention, Attention Control and Attention Training; Perception: Perceptual Processes, Approaches to Perception	
Unit-2: Memory Processes. Current Models, Organization of Sensory, Short-term and Long-term Memory, Eye-Witness Memory, Enhancing Memory, Flashback memory, Construction and Reconstruction of Memory, Theories of Forgetting	
Unit-3: Language and Speech Production: Structure, Comprehension and Production, Sentence Comprehension, Whorfian Hypothesis	
Unit-4: Thinking and Problem Solving: Meaning, Types and Theories of Thinking, Reasoning and Problem Solving, Types and Strategies of Problem Solving	
Unit-5: Creativity and Decision-Making: Meaning and Nature, Factors Influencing Decision Making and Judgments, Improving Decision Making	
12 Hours per Unit,	Total: 60

Books:

- 1) Galotti, K. M. (1999). *Cognitive psychology in and outside laboratory*. Mumbai: Thomson Asia.
- 2) Matlin, M. W. (1995). *Cognition (6th Ed.)*. USA: John Wiley & Sons.
- 3) Wessells, M. G. (1982). *Cognitive psychology*. New York: Harper and Row.
- 4) Snodgrass, J. G., Levy-Berger, G., & Haydon, M. (1985). *Human experimental psychology*. New York: Oxford University Press.
- 5) Kellogg, R. T. (2003). *Cognitive psychology*. USA: Sage Publication.

<u>Semester-2</u>	
Paper-4: Theories of Personality	Course Code - 0810904
Objective: This course is intended to present knowledge about the nature and issues of personality, different approaches, such as cognitive and learning, and to acknowledge the recent advancements in personality research.	
Unit-1: Approaches to the study of Personality: Trait, Type, and Eclectic Approaches, Biological and Socio Cultural Determinants, Controversial Issues in Personality Research.	
Unit -2: Theoretical Perspective: Allport, Cattell, Freud, Adler, Eric Erikson, Carl Jung, and Five-Factor Model	
Unit -3: Cognitive and Learning Approaches to Personality. Kelly, Lewin, Festinger, Dollard and Miller, Bandura, and Skinner.	
Unit -4: Humanistic Approaches: Maslow's Need theory and Roger's Self Theory,	
Unit -5: Recent Advances in Personality Research: Human Strength and Virtues; Learned Helplessness.	
12 Hours per Unit,	Total 60

Books:

- 1) Hall, C. S., Lindzey, G., & Campbell, J. B. (1997). *Theories of personality* (4th Ed.). UK: Wiley.
- 2) Frager, R. & Fadiman, J. (2005). *Personality & personal growth* (6th Ed.). New York: Pearson Prentice Hall.
- 3) Bayer, B. M. & Shotler J. S. (1997). *Reconstructing the psychological subject*. London: Sage Publication.
- 4) Olson, M. H. & Hergenhahn, B. R. (2010). *An introduction to theories of personality* (8th Ed.). USA: Pearson Publication.

<u>Semester-2</u>	
Paper- 5: Practicum	Course code -0810980
Following practicum to be carried out:	
1) Creativity Test	
2) Rorschach Inkblot Test	
3) Memory Process/Zeigarnik Effect.	
4) Five Factor Inventory	
5) MBTI	
6) 16 PF	
<i>Note.</i> Besides the above, the teacher can design/replace other relevant practicum.	
10 Hours per practicum,	Total: 60 hours

<u>Semester-2</u>	
Paper- 6: Project 1B	Course code -0810965
Project-1B	
Data Analysis and writing Research Report of Project (1A+1B)	
Viva Voce of Project (1A+1B)	
60 Hours for Project 1B	Total: 60 hours

<u>Semester-2</u>	
Minor Elective & Value Added (for other faculty)	Course Code-810950
Stress Management	
Objective: This course is aimed at understanding the nature of stress and health, managing/coping with stress, and time management.	
Unit-1: Nature of Stress: Hans Seyle GAS Model, Sources of Stress	
Unit-2: Managing/Coping with Stress: Self-Management through Self Awareness, Yogic Meditation. Techniques of Coping: Time Management, Relaxation Trainings, Indian and Western Coping Styles	
Unit-3: Role of Happiness, Personality, and Socio-Economic Status in Mental Health and Stress	
Unit-4: Organizational-Role Stress, Coping with the Organizational-Role Stress	
15 Hours per Unit,	Total: 60

Books:

- 1) Pestonjee, D. M. (1998). *Stress and coping: The Indian experience*. New Delhi: Sage Publication.
- 2) Mishra, G. (1999). *Psychological perspective on stress and health*. New Delhi: South Asia Books.
- 3) Cooper, C. L. & Quick, J. C. (2017). *The Handbook of Stress and Health: A Guide to Research and Practice*. UK: Wiley Blackwell.

<u>Semester-3</u>	
Paper- 1: Health Psychology	Course Code -0910901
Objective: To gain familiarity with the meaning of health in a socio-cultural context, stress and coping behavior, behavioral health resources, promoting and maintaining mental health behavior, chronic diseases, and the future of health psychology.	
Unit-1: Meaning of Health in Socio Cultural Context: Nature, Scope and Development, Psychosomatic Medicine, Behavioral Medicine, Behavioral Health; Models of Health	
Unit -2: Stress and Coping Behavior: Models and sources of Stress. Techniques of Coping and the Stress Management.	
Unit-3: Behavioral Health: Preventing Smoking, Health Consequences of Tobacco Use, Interventions to Reduce Smoking; Preventing Alcohol and Other Drug Abuses	
Unit-4: Resources of Promoting and Maintaining Mental Health: Biological, Socio-Cultural, Economical and Spiritual	
Unit-5: Behavior and Chronic Diseases: Identifying Behavioral Factors in Cardio-Vascular Diseases, Cancer, Diabetes, HIV and AIDS.	
Unit -6: Future Prospects of Health Psychology	
10 Hours per Unit	Total : 60

Books:

- 1) Aboud, F. E. (1998). *Health psychology in global perspective*. Thousand Oaks, CA: Sage Publication.
- 2) Brannon, L. & Feist, J. (2000). *Health psychology: An introduction to behavior and health (4th Ed.)*. USA: Wadsworth/Thomson Learning.
- 3) Taylor, S. E. (2018). *Health Psychology (10th Ed.)*. Noida: McGraw Hill Education.
- 4) Friedman, H. S. (1989). *Health Psychology*. New York: Pearson Prentice-Hall.

<u>Semester-3</u>	
Paper- 2: Guidance and Counseling	Code No-0910902
<p>Objective: This course is prepared with the view to gain the knowledge about:</p> <ul style="list-style-type: none"> ● Fundamentals of guidance and counseling. ● Methods of assessing the personality. ● Characteristics and purposes of various types of counseling. ● Importance of counseling in real life. 	
<p>Unit-1: Guidance and Counseling: Meaning, Nature, Characteristics and Basic Principles, Aims and Importance</p> <p>Unit-2: Methods of Assessment: Intelligence, Achievement, Aptitude, personality and Interest; Case Study, Autobiography, Home visits and Interview</p> <p>Unit-3: Characteristics of Counselee and Counselor: Counselor as Professional Functionary, Counseling Process and Skills, Ethical Issues in Counseling</p> <p>Unit 4: Guidance Services in Schools and Clinical Settings: Importance, Scope and Problems: Family, Marital and Health Counseling</p> <p>Unit-5: The Future and Status of Counseling with Special Reference to India.</p>	
12 Hours per Unit,	Total 60

Books:

- 1) Hackney, H. L. & Cormier, S. (1996). *The professional counselor: A process guide to helping*. USA: Pearson Publication.
- 2) Corey, G. (2019). *Theory and practice of counseling and psychotherapy (10th Ed.)*. Noida: Cengage India Private Limited.
- 3) Belking, G. S. (1998). *Introduction to Counseling*. USA: W.G. Brown Publishing.
- 4) Douglas, B., Woolfe, R., Strawbridge, S., Kasket, E., & Galbraith, V. (2016). *The handbook of counseling psychology (4th Ed.)*. UK: Sage Publication.

<u>Semester-3</u>	
Paper - 3: Schools of Psychology	Course Code – 0910903
Objective: This course is aimed at creating an understanding of the different schools and approaches of psychology that have historically shaped its development into a mature discipline.	
Unit-1: Introduction: Systems in Psychology- Meaning and Types, Basic Issues in Psychology, Reappearing of Associationism.	
Unit-2: Structuralism and Functionalism: Structuralism- Wilhelm Wundt (1832-1930), Wurzburg school, Titchener's Structuralism, Criticism of Structuralism; Functionalism- William James and Other American Pioneer Functionalists- G.S. Hall and J.M. Cattell, John Dewey, Angell, Harvey Carr, Thorndike and R.S. Woodworth.	
Unit 3: Psychoanalysis and Humanistic Schools: Psychoanalysis- Sigmund Freud, Erikson, Jung; Humanistic Schools- Assumptions, Key Theorists (Maslow and Carl Rogers) and their Contributions.	
Unit-4: Modern Associationism of Stimulus–Response: Ebbinghaus, Pavlov, Bakhterev, and Thorndike, Guthrie	
Unit-5: Behaviorism: Watson’s Behaviorism as a System, Criticism of Watson's Behaviorism, Hull, Skinner, Tolman and Bandura,	
Unit 6: Gestalt Psychology	
10 Hours per Unit,	Total 60

Books:

- 1) Brennan, J. F. & Houde, K. A. (2017). *History and systems of psychology*. UK: Cambridge University Press.
- 2) Hergenhahn, B. R. & Hanley, T. B. (2013). *An introduction to the history of psychology (7th Ed.)*. USA: Wadsworth Cengage Learning.
- 3) Leahey, T. H. (2017). *A history of psychology: From antiquity to modernity*. USA: Routledge.

<u>Semester-3</u>	
Paper - 4: Psychopathology	Course Code – 0910904
Objective: To get the students acquainted with the nature of psychological disorders, the classification of psychological disorders, Indian and other psychological approaches to therapeutic management.	
Unit-1: Classification Systems and Models: Overview of the recent versions of Diagnostic and Statistical Manual (DSM) and International Classification of Diseases (ICD); Biological, Psychodynamic, Behavioral and Cognitive Models of Psychopathology	
Unit-2: Neurotic, Stress-related and Somatoform Disorders: Panic Disorder, Generalized Anxiety Disorder, Phobia, Obsessive-Compulsive Disorder, Post-traumatic Stress Disorder, Conversion Disorder, Dissociative Disorders.	
Unit-3: Psychotic Disorders: Schizophrenia (Disorganized, Paranoid and Catatonic Type), Schizophrenia Spectrum disorders, Mood Disorders (Mania and Depression), Delusional Disorders	
Unit-4: Substance Related Disorders: Alcohol Dependence, Short-term Effects of Cannabis	
Unit-5: Mental Retardation and Specific Developmental Disorders of Scholastic Skills: Mental Retardation, Specific Reading Disorder, Specific Disorder of Arithmetical Skills	
Unit-6: Therapeutic Approaches: Psychotherapy and Behavior Therapy, Prevention- Indian Perspective on Health, Illness and Healing.	
10 Hours Per Unit	Total: 60

Books:

- 1) Sarason, I. G. & Sarason, B. R. (2017). *Abnormal psychology (11th Ed.)*. Delhi: Pearson Education.
- 2) Carson, R. C., Butcher, J. N., & Mineka, S. (2001). *Fundamentals of abnormal psychology and modern life*. USA: Pearson.
- 3) Butcher, J. N., Mineka, S., & Hooley, J. M. (2007). *Abnormal psychology (13th ed.)*. Allyn & Bacon/Pearson Education.
- 4) American Psychiatric Association. (2013). *Diagnostic and statistical manual of mental disorders (5th ed.)*. Arlington, VA: Author.
- 5) Maddux, J. E. & Winstead, B. A. (2005). *Psychopathology: foundations for a contemporary understanding*. Mahwah, NJ: Lawrence Erlbaum Associates.

<u>Semester-3</u>	
Paper-5: Practicum	Course Code –0910980
Following practicum to be carried out:	
<ol style="list-style-type: none"> 1. WAIS /WISC (Indian Adaptations) 2. Stress test 3. Shame and Guilt Scale 4. Anxiety or Depression Scale 5. Vocational Interest Record (VIR) 6. Any Verbal Intelligence Test 	
<i>Note.</i> Besides the above, the teacher can design/replace other relevant practicum.	
10 Hours per practicum	Total: 60 hours

<u>Semester-3</u>	
Paper-6: Project 2A	Course Code – 0910965
Project – II-A	
Field Study and Data Collection on a Contemporary Psycho-Social Problem.	
60 Hours for Project 1A	Total: 60 hours

<u>Semester-4</u>	
<i>(Choose ANY FOUR courses out of the optional eight courses)</i>	
1) Clinical Psychology	Course Code - 1010901
Objective - To get the students acquainted with:	
<ul style="list-style-type: none"> ● Clinical assessment ● Meaning of psychological diagnosis and prognosis ● Techniques of psychological diagnosis ● Clinical psychology as a profession 	
Unit-1: Clinical Psychology: Nature, Problems and Methods of Clinical Psychology.	
Unit-2: Meaning of Psycho- Diagnosis: Types and Importance, Concept of Prognosis.	
Unit-3: Techniques of Psycho-Diagnosis: Neuro-Psychological Assessment- Bender Gestalt, AIIMS Neuro Psychological Battery, TAT, Rorschach, WAIS, and MMPI, Case Study, Diagnostic Interview and Observation.	
Unit 4: The Profession of Clinical Psychology: Training, Roles and Responsibilities in Clinical Psychology, The Future of Clinical Psychology, Especially in India.	
Unit-5: Therapies: Biological and Psycho Social Therapies, Prevention.	
12 Hours per Unit,	Total : 60

Books

- 1) Korchin S. J. (2004). *Modern clinical psychology*. Delhi: CBS Publication.
- 2) Hecker J. E. & Thorpe G. L. (2016). *Introduction to clinical psychology*. New York: Routledge.
- 3) Plante, T. G. (2010). *Contemporary clinical psychology (3rd Ed.)*. Delhi: Wiley, CBS Publication.

<u>Semester-4</u>	
<i>(Choose ANY FOUR courses out of the optional eight courses)</i>	
2) Organizational Psychology	Course Code – 1010902
Objective: The goal of this course is to create awareness and understanding of general concepts of organizational behavior as well as the structure and dynamics of an organization and its impact on human behavior.	
Unit-1. Foundation for Organizational Behavior: Historical Context of Organizational Behavior, Models of Organizational Behavior, Scope and Opportunities for Organizational Behavior.	
Unit-2: Individual in Organization: Early Theories of Work Motivation, Contemporary Theories of Work Motivation; Motivation and Performance: Employee Involvement Programs, Variable Pay Program, Skill-Based Pay Plan;	
Unit 3: Special Issues in Motivation: Motivating professionals, motivating workers, Major Personality Attributes Affecting Organizational Behavior, Matching Personality and Job, Skills Involved in Changing Attitude.	
Unit-4: Leadership: Nature of Organizational Leadership, Models of Organizational Leadership, Requirement of Effective Leadership, Power and politics: Distinction Between Power, Authority and Influence, Power Tactics, Skills Involved in Managing Politicking.	
Unit-5: Conflict Types and Management, Negotiation Skills, Organizational Stress and its Management: Role Stress, Occupational Stress, Burn Out, Coping Strategies, Skills Involved in Managing Stress, Counseling.	
Unit-6: Decision Making: Traditional model of Decision Making, Approaches to Decision Making in Organization, Impediments to Optimal Decision, Improving Effectiveness of Group Decision.	
10 Hours per Unit:	Total : 60

Books

- 1) Luthans, F. (2001). *Organizational behavior (9th Ed.)*. New Delhi: Tata McGraw-Hill Publishing Company Ltd.
- 2) Robbins, S. P., Judge, T. A., & Vohra, N. (2016). *Organizational behavior (16th Ed.)*. Delhi: Pearson Education
- 3) Miner, J. B. (1992). *Industrial/organizational psychology*. New York: McGraw Hill.

<u>Semester-4</u>	
<i>(Choose ANY FOUR courses out of the optional eight courses)</i>	
<u>3) Industrial Psychology</u>	Course Code - 1010903
Objective: The main objective is to create understanding and awareness about the nature of fundamental issues related to human behavior and the industrial environment.	
Unit-1: Introduction to Industrial Psychology: Definitions and Scope, Major Influence on Industrial Psychology: Scientific Management and Human Relations Schools, Hawthorne Experiments	
Unit-2: Individual in Work Place: Motivation and Job Satisfaction, Stress Management, Organizational Culture, Communication in Organizations	
Unit-3 : Recruitment and Selection: Process, Reliability and Validity of Recruitment Tests	
Unit-4: Work Environment and Engineering Psychology: Fatigue Boredom, Accidents and Safety; Job Analysis	
Unit-5: Performance Management: Training and Development	
Unit-6 : Leadership and Group Dynamics: Styles of Leadership, Different theories of Leadership	
10 Hours per Unit,	Total : 60

Books:

- 1) Miner, J. B. (1992). *Industrial/organizational psychology*. New York: McGraw Hill.
- 2) Blum, M. L. (2004). *Industrial psychology: Its theoretical and social foundations*. Delhi: CBS Publication.
- 3) Aamodt, M. G. (2007). *Industrial/ organizational psychology: An applied approach (5th Ed.)*. Belmont: Wadsworth/ Thompson.
- 4) Aswathappa, K. (2008). *Human resources management (5th Ed.)*. New Delhi: Tata McGraw Hill.

Semester-4*(Choose ANY FOUR courses out of the optional eight courses)***4) Developmental Psychology****Course Code - 1010904****Objective:** This course is aimed at a theoretical understanding of cognitive development, moral development, and the growth and other characteristics of adolescents.

Unit-1: Concept, Theories, Philosophical View, Maturation Theories, Behavioral Learning Theories, Adaptation Theories, Psychodynamic Theories

Unit-2: Cognitive Development, Piagetian Approach, Vygotskian Approach, Bruner Language Development Approach

Unit-3: Moral Development, Play: Types and Development of Social Understanding, Emotional Development

Unit-4: Adolescence- Growth and Changes: Biological, Cognitive and Social Transitions,

Unit-5: Adulthood: Bodily, Cognitive and Conative Changes Across the Lifespan

Unit-6: Old Age- Characteristics, Changes in Cognitive Abilities. Adjustment to Physical Changes

10 Hours per Unit,

total: 60

Books:

- 1) Berk, L. A. (2013). *Child development (9th Ed.)*. Boston: Pearson Education.
- 2) Burman, E. (2008). *Deconstructing developmental psychology*. New York: Taylor & Francis.
- 3) Gauvain, M. (2002). *The social context of human development*. New York: Guilford Press.
- 4) Lerner, R. M., Jacobs, F., & Wertlieb, D. (2005). *Applied developmental science: An advanced textbook*. Thousand Oaks: Sage Publication

<u>Semester-4</u>	
<i>(Choose ANY FOUR courses out of the optional eight courses)</i>	
<u>5): Environmental Psychology</u>	Course Code - 1010905
Objective: This course is prepared to serve an understanding of environmental issues and factors and their impact on human behavior.	
Unit-1: Nature and Scope of Environmental Psychology	
Unit-2: Approaches to Environmental Psychology, Environmental Load, Adaptation Level and Behavior Constraints, Stress and Banker's Ecological Psychology	
Unit-3: Environmental Cognition: Nature and Characteristics and Theories of environmental perception and attitude, Cognitive maps.	
Unit-4: Environmental Stress: Nature and Characteristics, Meaning, Source, and Effects of Density, Temperature, Noise and Air Pollution, Natural Disasters and Technological Catastrophe.	
Unit-5: Personal Space and Territoriality: Meaning and Nature of Personal Space and Territorial Behavior, Effects on Social Behavior and Performance	
Unit-6: Methods of Changing Environmentally Favorable Attitude and Behavior.	
10 Hours per Unit,	Total : 60

Books:

- 1) Bell, P.A., Greene, T.C., Fisher, J.D. and Baum, A. (2001). *Environmental Psychology* (5th Ed.), Harcourt College Publishers.
- 2) Steg, L., van den Berg, A. E., & de Groot, J. I. M. (Eds.). (2013). *Environmental psychology: An introduction*. BPS Blackwell.
- 3) Bonnes, M. & Secchiaroli, G. (1995). *Environmental psychology: A psycho-social introduction*. USA: Sage Publication
- 4) Proshansky, H.M., Ittleson, W.H. and Rivlin, L.G. (Eds.). *Environmental Psychology* (latest edition), New York: Holt, Rinehart & Winston

<u>Semester-4</u>	
<i>(Choose ANY FOUR courses out of the optional eight courses)</i>	
<u>Paper- 6: Community Psychology</u>	Course Code - 1010906
Objective: This course is aimed at creating awareness and understanding of the nature and models of different systems of community setting and the understanding of the importance of intervention and prevention in community psychology.	
Unit-1: Community Psychology: Definition, Nature, Scope and orientation, Its Development in Social and Historical Context, Factors underlying the emergence of Community Psychology	
Unit-2: Mental Health Education: Practices of Mental health education effectiveness of mental health education.	
Unit-3: Models: Mental Health, Social Action, Organizational and Ecological Model	
Unit-4: Intervention: In Education System, Health System and Social welfare System. National (Mental) health, Quality of life.	
Unit -5: Prevention: Primary, Secondary and Tertiary.	
12 Hours per Unit	Total: 60

Books:

- 1) Korchin S. J. (2004). *Modern clinical psychology*. Delhi: CBS Publication.
- 2) Iscoe, I. & Spielberger, C. D. (1977). *Community psychology: Perspective in training and research*. New York: Appleton.
- 3) Mann, A. P. (1978). *Community psychology, concept and application*. New York: Free Press.
- 4) Reppaport, J. (1970). *Community psychology: Values, research and actions*. New York: Harcourt School.
- 5) Kloos, B., Hill, J., Thomas, E., Wandersman, A., Elias, M., & Dalton, J. H. (2012). *Community Psychology; Linking individual and communities*. UK: Cengage Learning.
- 6) Deb, S., Sunny, A. M., & Sanyal, N. (2020). *Community psychology*. New Delhi: Sage.
- 7) Mortisugu, J., Vera, E., Wong, F. Y., & Duffy, K. G. (2013). *Community psychology* (5th Ed.) .UK: Taylor & Francis.

<u>Semester-4</u>	
<i>(Choose ANY FOUR courses out of the optional eight courses)</i>	
<u>7) Neuro-Developmental Disorders</u>	Course Code - 1010907
Objective: This course is aimed at understanding learning disabilities, attention deficit hyperactivity disorder, autistic spectrum disorders, and dementias.	
Unit-1: Learning Disabilities. Theoretical Framework, Types, Diagnostic Procedures	
Unit-2: Attention Deficit Hyper-Activity Disorder: Theoretical Framework, Types, Diagnosis, and Etiology	
Unit -3: Autistic Spectrum Disorders: Theoretical Framework, Levels, Etiology, Assessment and Interventions	
Unit-4: Dementias: Types and Classification; Alzheimer's disease: Histological Markers, Neuropsychological Profile,	
Unit -5: Sub cortical Dementias with Special Reference to Parkinson's Disease	
12 Hours per Unit,	Total: 60

Books:

- 1) Whitaker, H.A. (1988). *Neuropsychological studies of non-focal brain damage*. New York: Springer-Verlag
- 2) Walsh, K. (1994). *Neuropsychology: A clinical approach*. New Delhi, Churchill Livingstone.
- 3) Heliman, K. M. & Valenstein, E. (1993). *Clinical neuropsychology*. New York: Freeman, W. H.
- 4) Ottoson, D. (1987). *Duality and unity of the brain*. London: MacMillan

<u>Semester-4</u>	
<i>(Choose ANY FOUR courses out of the optional eight courses)</i>	
<u>8) Human Resource Practices</u>	Course Code - 1010908
Objective: This course is prepared to serve an understanding of planning and practices of human resource management in organizations.	
Unit-1: Strategy and Human Resource Planning: Vision, Mission and Values, Environmental, Analysis, Internal analysis, Issues of HR in Cultural Transition.	
Unit-2: Meeting HR Requirements: Job Analysis and Job Descriptions, Diversity and Empowered employees,	
Unit -3: Career Management and Developing Diverse Talent Pool, Competency Assessment: Perspective and Techniques, Performance Appraisal	
Unit-4: International HRM, Globalization and Individual.	
Unit-5: Communication and Team Work in International Work Force. Training and development, Talent management, cultural barriers.	
12 Hours per Unit	Total: 60

Books:

- 1) Bohlander, G. W. & Snell, S. (2007). *Human resource and management*, USA: Thomson South Western.
- 2) Cascio, W. F. (1998). *Managing human resource*. Delhi: Tata McGraw Hill.
- 3) Cascio, W. F. & Aguinis, H. (2005). *Applied psychology in human resource management (6th Ed.)*. USA: Pearson Prentice-Hall.
- 4) Johnson, G., Scholes, K., & Whittington, R. (2005). *Exploring corporate strategy (7th Ed.)*. UK: Pearson Education.

<u>Semester-4</u>	
<u>Paper 5- Practicum</u>	Course Code – 1010980
<p>Following Practicum to be carried out:</p> <ol style="list-style-type: none"> 1) Learning Set Formation 2) MMPI 3) Mental Health Scale 4) Ageing 5) Job Satisfaction 6) Organizational Culture <p><i>Note.</i> Besides the above, the teacher can design/replace other relevant practicum.</p>	
10 Hours per practicum,	Total: 60 hours

<u>Semester-4</u>	
<u>Paper 6- Project 2B</u>	Course Code – 1010965
<p>Project-2B</p> <p>Data Analysis and writing Research Report of Project (2A+2B)</p> <p>Viva Voce of Project (2A+2B)</p>	
60 Hours for Project 1B	Total: 60 hours

PGDR (Post Graduate Diploma in Research) in Psychology as per NEP-2020 or Pre-Ph.D Course work in Psychology (from 2023-24)

<u>PGDR (Post Graduate Diploma in Research) in Psychology as per NEP-2020 or Pre-Ph.D Course work in Psychology (from 2023-24)</u>	
<u>Paper - 1: Research Methodology</u>	Course Code-1110901
Objective: To familiarize research students with the different research designs used in psychological research and the involved measurement issues.	
1.Types of Research: Quantitative research; Qualitative research; Mixed Methods Research	
2. Problems and Hypotheses, Levels of Significance; Errors in Statistical Decisions, Bayesian Hypothesis Testing	
3. Methods of Psychology: Descriptive Methods, Correlation Methods, Experimental Methods	
4. Constructing the Measures for Research: Rating scales, Interview schedules, Questionnaires, Ability tests, Experimental tasks	
5. Errors in Measurement, Establishing the Reliability and Validity of Quantitative Measures, Validity of Qualitative and Mixed Methods Research	
12 Hours per Unit	Total: 60

- 1) Broota, K. D. (2020). *Experimental design in behavioral research*. New Delhi: New Age International Private Ltd.
- 2) McGuigan, F. J. (1993). *Experimental psychology: Methods of research (6th Ed.)*. New Jersey: Prentice-Hall Inc.
- 3) Kerlinger, F. N. (2017). *Foundations of behavioral research*, New Delhi: Surjeet Publication.
- 4) Brough, P. (2019). *Advanced research methods for applied psychology: Design, analysis and reporting*. New York: Routledge.

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<u>Paper - 2: Statistical Methods</u>	Course Code-1110902
Objective: To expose research students to nuances and actual applications of the statistical approaches used in research work.	
1. Regression Analyses:, Regression Equation and Coefficients- Calculation and Interpretation. Multiple regression analyses: Linear, Stepwise, and Logistic Regression Methods	
2. Assumptions of ANOVA and Their Tests, Links of ANOVA with the General Linear Model, <i>t</i> -ratio, and Multiple Regression	
3. ANOVA in Factorial Designs: Independent Samples, Repeated Measures, and Mixed Designs	
4. Planned and Post-hoc Comparisons (Scheffe's, LSD, Newman Keuls, Duncan's, Tukey's), Trend Analysis	
5. Structural Equation Modeling: Basic Principles, Relation with Regression, ANOVA, and Factor Analyses, Implementing Exploratory Factor Analysis, Confirmatory Factor Analysis, and interpreting the output	
<i>Note.</i> Students will learn and practice all statistical techniques on datasets using calculators and/or statistical packages as appropriate.	
12 Hours per Unit	Total: 60

Suggested reading

Agresti, A. (2017). *Statistical methods for the social sciences (5th Ed.)*. USA: Pearson Publication.

DeCoster, J. (1998). *Overview of Factor Analysis*. Retrieved from <http://www.stat-help.com/notes.html>

Field, A. (2018). *Discovering statistics using IBM SPSS Statistics (5th Ed.)*. USA: Sage Publication.

Howell, D. C. (2017). *Fundamental statistics for the behavioural sciences (9th Ed.)*. USA: Cengage Learning.

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<u>Paper - 3: Recent Trends in Research and Statistics</u>	<u>Course Code-1110903</u>
Objective: To expose research students to the current issues and advances in psychological research practices.	
1. Using Computers in Assessment and Testing	
2. Crowd-Sourcing Research	
3. Replication Crisis in Psychology and Other Social Sciences	
4. Knowledge of free Statistical Software JASP, Jamovi etc.	
15 Hours per Unit	Total: 60

Suggested reading:

1) Open Science Collaboration (2015). PSYCHOLOGY. Estimating the reproducibility of psychological science. *Science (New York, N.Y.)*, 349(6251), aac4716.

<https://doi.org/10.1126/science.aac4716>

2) Keating, M. & Furberg, R. D. (2014). Methodological framework for crowdsourcing in research. *Proceedings of the 2013 Federal Committee on Statistical Methodology (FCSM) Research Conference*. https://nces.ed.gov/FCSM/pdf/H1_Keating_2013FCSM_AC.pdf

3) Butcher, J. N., Perry, J., & Hahn, J. (2004). Computers in clinical assessment: Historical developments, present status, and future challenges. *Journal of Clinical Psychology*, 60(3), 331–345. <https://doi.org/10.1002/jclp.10267>

4) For free tutorial on Jamovi statistical software, see:

<https://sites.google.com/view/digigogy/statistics-resources/jamovi-software-tutorial>

5) Navarro, D., Foxcroft, D., & Faulkenberry, T. J. (2019). *Learning Statistics with JASP: A tutorial for psychology students and other beginners*. Freely downloadable from <https://learnstatswithjasp.com>

<u>PGDR (Post Graduate Diploma in Research) in Psychology as per NEP-2020 or Pre-Ph.D Course work in Psychology (from 2023-24)</u>	
<u>Paper - 4: Minor Project</u>	Course Code-1110965
Objective: To expose research students to the scientific understanding of psychological problems, data collection, and drafting the research report.	
Identify a psychological problem, design the study, collect data, and report the findings.	
60 Hours	Total: 60