Academic Council dated 20th May, 2021 as per Item Number: 2.03

DOMBIVLI SHIKSHAN PRASARAK MANDAL’S,
K.V. PENDHARKAR COLLEGE OF ARTS, SCIENCE AND COMMERCE,
(AUTONOMOUS) DOMBIVLI (EAST), DIST. THANE
(Affiliated to University of Mumbai)

Faculty of Arts
DEPARTMENT OF PSYCHOLOGY
(Programme: Master of Arts: M.A.)

SYLLABUS FOR
M.A. Part-I: PSYCHOLOGY (Semester I and II)
Choice Based Credit System (CBCS)
(with effect from the Academic Year: 2021-2022)
Course & Syllabus for the MA in Psychology:

COURSES OBJECTIVE:
1. The curriculum is designed to meet the requirement in the field of counselling
2. To acquaint the students with various counselling skills and therapies.
3. The curriculum is designed to develop strong theoretical foundation while ensuring the application of acquired knowledge in various field.

COURSES OUTCOMES:
1. To develop expertise in counselling.
2. Become competent to design their own research or experimental
3. Be competent to administer, assess and interpretation of Psychological Test
4. To apply appropriate therapy and test as per requirement

The Student shall have to study at least a total of 16 Courses in four semesters over the 2 years to obtain 100 credits for MA degree course.

Syllabus for Semester I
Course I (Core Course): PPAPSI21-424: Personality Psychology: 4 credits
Course II (Core Course): PPAPSI21-460: Research Methodology for Psychology: 4 Credits
Course III (Core Course): PPAPSI21-499: Statistics for Psychology: 4 Credits
Course IV (Core Course): PPAPSI21-547: Psychology of Cognition and Emotion: 4 Credits
Practical / Field Work Component (Core Component): PPAPSI21-P105: Experimental Psychology Practical: 8 Credits

Syllabus for Semester II
Course V (Core Course): PPAPSI21-324: Evolutionary Psychology: 4 Credits
Course VI (Core Course): PPAPSI21-355: Intervention Systems in Psychology: 4 Credits
Course VII (Core Course): PPAPSI21-389: Multiculturalism: Theory and Practice: 4 Credits
Course VIII (Core Course) PPAPSI21-430: Positive Psychology: 4 Credits.
Practical / Field Work Component (Core Component): PPAPSI21-P205: Psychological Testing and Psychometrics Practical: 8 Credits
Syllabus for Semester I

(Detail Syllabus)

Semester I: Course I

Core Course: 4 credits, 60 hrs

PERSONALITY PSYCHOLOGY: PPAPSI21-424

Objectives:
1. Introducing various theories of personality
2. Help learners to evaluate personality theory and research
3. Understand modern approaches to personality
4. Understand applications of personality theory to various aspects of life.

Unit-I  Intrapsychic domain
a. Psychoanalytic aspects of personality.
b. Psychodynamic perspective: contemporary issues
c. Motives and personality: basic concepts, big three motives,
d. Humanistic tradition.

Unit-II Biological domain and cognitive-behavioural domain
a. Genetic and personality evolutionary approach to personality.
b. Physiological approaches to personality.
c. Behaviourist and learning aspects of personality.
d. Cognitive and cognitive-experiential aspects of personality.

Unit-III Dispositional domain: trait approach
a. Allport, R. B. Cattel, Eysenck’s three factor.
b. Big-Five and Five-Factor Model: theory, evidence and applications, circumplex approach,
   HEXACO
   c. Personality trait and personality disorders.
d. Measurement of trait and theoretical and measurement issues, personality dispositions over time.

Unit – IV Social-cultural and adjustment domain
a. Personality and social interaction
b. Sex-gender and personality

c. Culture and personality

d. Stress, coping adjustment and health.

Books for reading


Books for reference


RESEARCH METHODOLOGY FOR PSYCHOLOGY: PPAPSI21-460

Objectives:

1. To acquaint learners with methodology of quantitative and qualitative psychological research.

2. To acquaint learners with philosophy, ethics, design, and evaluation of research in psychology.

3. To enable learners to design research.

Unit I: Philosophy and ethics of psychological research.

a. Epistemological positions in psychological research: scientific realism, logical positivism; Ockham’s razor;

b. Popper and Kuhn’s contribution: theory dependence of observation; understanding theory: components and connections – concepts, constructs, variables and hypothesis; Duhem–Quine thesis; Quine’s critique of empiricism

c. Ethical standards of psychological research: planning, conduction and reporting research

d. Proposing and reporting quantitative research

Unit 2. Research settings and Methods of Data collection

a. Observation and Interview method

b. Questionnaire

c. Survey research

d. Other non-experimental methods

Unit 3. Experimental and Quasi-Experimental Methods

a. Independent groups designs
b. Repeated measures designs

c. Complex designs (except 2*3 design)

Conducting small research using observation & interview method.

d. Quasi-experimental designs and program evaluation

**Unit 4. Qualitative Research**

a. Philosophy and conceptual foundations; proposing and reporting qualitative research

b. Grounded theory

c. Interpretive phenomenological analysis; discourse analysis

d. Narrative analysis; conversation analysis

**Books for study**


**Books for reference**

Semester I: Course III

Core Course: 4 credits, 15 weeks

STATISTICS FOR PSYCHOLOGY: PPAPSI21-499

Objectives:

1. To introduce fundamental concepts about statistical application to psychology
2. To help learners to understand applications of statistics and learn numerical methods associated with them
3. To introduce multivariate methods and computer applications to statistics
4. To be able to use R for all statistical methods taught in the course.

Unit 1. Preliminary Concepts

a. Probability: axioms, random variables, expected value, central limit theorem
b. Distributions: discrete distributions- binomial, poisson; continues distributions: normal, t, F, chi-square, jointly distributed random variables.


Unit 2. Inferential statistics: inference about location

a. Two group differences: t test- independent and dependent samples. Bootstraping.

b. Multi-group differences: one-way ANOVA: independent and dependent samples. two-way ANOVA: independent samples

c. Wilcoxon sign-rank test; median test; U test; Kruskal-Wallis test

d. MANOVA and discriminant function analysis
Unit 3. Association, prediction and other methods


b. Linear regression (OLS)

c. Nonparametric correlations: Kendall's tau; Spearman’s rho; measures for nominal data, chi square, binomial test, proportions test.

d. Multiple regression, logistic regression.

Unit 4. Factor Analysis and Software Packages

a. Factor analysis: basic concepts, methods of extraction and methods of rotation

b. Confirmatory factor analysis.

c. Structural Equations Modelling.

d. R: syntax, data management, Descriptive; graphs; basic and multivariate statistics in R; R GUI, other software.

Books for Study:


Books for Reference:


Objectives:
- Understanding advanced topics of cognitive science
- Understanding the neuropsychological underpinings of cognitive processes
- Applying cognitive psychology knowledge to real-life problems.
- Understanding theories, biological basis, and development of human emotion

Unit 1: Cognitive Neuroscience, Attention and Perception
A. Cognitive Neuroscience: Neuronal Structure and Function; Intelligence and Neuroscience; Methods of cognitive neuroscience
B. Visual Perception: Visual Object Recognition, Face perception
C. Attention and Consciousness: Attention Processes, Theories of Attention, Consciousness of Mental Processes; Preconscious Processing
D. Neuropsychological basis of Attention and Visual Perception

Unit 2. Memory and Language
A. Memory: Models and Research Methods; Metacognition
B. Memory Processes; Mental Images, Maps, and Propositions
C. Language and language in context
D. Neuropsychological basis of Memory and language.

Unit 3. Thinking and Intelligence
A. Problem Solving and Creativity
B. Thinking, Decision Making and Reasoning
C. Human Intelligence. Organization of Knowledge in the Mind
D. Neuropsychological basis of executive function

Unit 4. Psychology of Emotions
A. Theories of Emotions: Theories of emotions
B. Biological basis of human emotions
C. Measurement of Emotions
D. Emotional Development and regulation
Books for Reading


List of Reference.

Semester I: Practical / Field Work Component
Core Course: 8 credits. 15 weeks

EXPERIMENTAL PSYCHOLOGY PRACTICAL: PPAPSI21-P105

Objectives:
1. To enable learners to design experiments in various areas of psychology
2. To help learners to design appropriate computer programs for the experiments
3. To enable learners to analyze and report the data of experiments

Six experiments in cognitive processes, personality, motivation and emotion from the areas given below:
- a) Sensation, attention and perception
- b) Memory
- c) Reasoning
- d) Decision making
- e) Problem solving
- f) Learning
- g) Imagery
- h) Motivation
- i) Emotion
- j) Personality
- k) Thinking
- l) Language

UNIT 1: Experimental designing:
Students will be divided into six groups. Each group has to choose an area by consensus or majority. Each student will have to design an experiment pertaining to the area chosen by the group. The student will present the experiment in the class. From these experiments, one experiment is selected as groups experiment. In this way, six experiments are obtained. A student can also design additional experiments in the areas other than the groups’ area and present them along with presentations of respective areas. Six presentations and twelve supervision sessions are required for this. (2 credit)

UNIT 2: Experimental Computerizing:
All students have to learn one open-source package for computerizing experiment (for example, PEBL, Open Sesame, etc.). This may be done by workshop by the teacher/students about the computerization. The individual experiment designed by each student has to be computerized and presented in a CD (and Email if needed) for internal assessment. The printout of the program syntax AND/OR major steps in computer programming also need to submitted along with this assignment. (1 credit)

UNIT 3: Experiments Conduction:
These select six experiments (Unit 1) will then be conducted in the laboratory. If the facilities permit, these experiments can be carried out using the computer interface. (3 credits)
UNIT 4: Experimental Data Analysis and Report:

The data obtained is analyzed by using software packages (e.g. R) and reported in a typed report. The report also needs to be submitted in a softcopy. (2credit)

Evaluation:

Internal evaluation: 40 marks • Self-designed experiment (content and method) and Computerization of the experiment and its report (Soft and hard copy: 20 marks • Experimental Journal: Journal contains (i) report of 6 experiments conducted; (ii) a type-written report to be submitted on a review of literature on one of the topics above covering research of last five years: 20 marks

Semester end Practical examination: 60 marks. • Viva voce examination: 35marks • Instruction and Conduction: 10marks • Report: 15 marks
Syllabus for Semester II
(Detail Syllabus)

Semester II: Course V
Core Course: 4 credits, 60 hrs.

EVOLUTIONARY PSYCHOLOGY: PPAPSI21-324

Objectives:
1. To acquaint learners with concepts of Evolutionary psychology
2. To explain various psychological aspects as a function of evolution
3. To learn to think about human mind and its processes from an evolutionary perspective
4. To understand specific areas and applications of Evolutionary Psychology.

Unit 1. Foundation of evolutionary psychology
a. Historical development, landmarks in evolution of human beings & common misunderstandings
b. Origins of human nature, evolutionary game theory.
c. Evolution of psychological mechanism, evolutionary and psychological foundation of human behavior, psychological basis of culture
d. Research methods and hypothesis-testing in evolutionary psychology, use and misuse of Darwinism

Unit 2. Major aspects of evolutionary theory: survival and mating
a. Problems of survival: food acquisition, human fear sand landscape preferences
b. Mate selection and sexual strategies
c. Women’s long-term mating strategies, men’s long-term mating strategies
d. Short-term sexual strategies across sexes

Unit 3. Parenting and social behaviour
a. Parenting: maternal involvement, parental involvement, parent-offspring conflict
b. Kinship: theory of implicit and inclusive fitness and empirical support
c. Cooperation: evolution of cooperation, reciprocal altruism,
d. Cognitive adaptations for social exchange

Unit 4. Social behaviour and specific topics
a. Aggression as solution to adaptive problem& empirical evidence, sex differences in aggression, conflicts between sexes.
c. Cognitive development, modularity of mind, and innateness issues,
d. Status, prestige and social dominance

**Books to Study**


**Books for reference**


Semester II: Course VI

Core Course: 4 credits, 60 hrs.

INTERVENTION SYSTEMS IN PSYCHOLOGY: PPAPSII21-355

Objectives:

1. To acquaint students with various systems of psychological intervention.

2. To orient students with eclectic, integrated and multicultural approaches to interventions.

   Unit 1. Intervention systems emphasizing background

   a. Sigmund Freud- classic psychoanalysis

   b. Alfred Adler-individual psychology

   c. Carl Jung- analytical psychology

   Unit 2. Intervention systems emphasizing humanistic, cognitive and behavioural approaches.

   a. Carl Rogers- person centered therapy

   b. Behaviour therapy

   c. Aaron Beck- cognitive therapy

   Unit 3. Techniques in group.

   a. Fundamentals: influences, advantages of group therapy, organizing group, opening and later sessions, technical functions of group therapists.

   b. Special problems during group therapy

   c. Group therapy approaches: pre-intake and post-intake, special age groups, behavior therapy, experiential therapy, psychodrama and role play

   Unit 4. Interventions emphasizing integration, eclectic systems, multicultural perspectives
a. Integrated and eclectic interventions

b. Effective multicultural counseling

c. Psychoanalytical, Adlerian, person-centered, behaviour therapy from multicultural perspective

Books for study


Semester II: Course VII

Core Course: 4 credits, 60 hrs.

MULTICULTURALISM: THEORY & PRACTICE: PPAPSI21-389

Objectives:

1. To understand issues of identity, stereotyping and discrimination in a multicultural society

2. To explore issues of diversity and conflict in organizations

3. To highlight theory and important considerations in Multicultural Assessment

4. To delineate specific multicultural competencies and interventions.

Unit 1: Multiculturalism & society

a. Culture and cultural identity development.

b. Understanding major cultural variables in Indian context: gender, religion, caste, social class, language and regionalism.

c. Cultural transition and Acculturation.

Unit 2: Prejudice and discrimination

a. Understanding prejudice and discrimination.


c. Equity and social justice.

Unit 3: Multicultural assessment


b. Ethical issues in multicultural assessment.

c. Writing psychological and educational reports for culturally and linguistically diverse client.

Unit 4: Multicultural practice in psychology
a. Multicultural counselling: counsellor’s self-awareness and counsellor’s awareness of the clients’ world view, developing multicultural competencies and culturally appropriate interventions.

b. Barriers to multicultural counselling.

c. Managing diversity and conflicts in organizations

Books to Study


Articles for Study


Books and for Reference


Semester II, Course VIII

Core course: 4 credits, 60 Hours

Positive Psychology: PPAPSII21-430

Objectives:

1. To introduce concepts of positive psychology
2. To acquaint students with positive subjective states and processes
3. To enable students to appreciate importance of human strengths and virtues.

Unit 1. Introduction to Positive Psychology

a. Need for a science of human strengths and virtues
   
b. Deconstruction of illness ideology and inclusion of human strengths
   
c. Positive Psychology: Assumptions, Goals and Definitions
   
d. Three pillars of positive psychology

Unit 2. Positive subjective states

a. Subjective well-being
   
b. Positive emotions
   
c. The flow experience
   
d. Optimism and Hope

Unit 3. Positive individual traits

a. Self efficacy
   
b. Creativity
   
c. Wisdom
   
d. Empathy and altruism
Unit 4. Positive Institutions

a. Positive schooling

b. Aging well and role of family

c. Psychology of forgiveness for healthy society

Activity can be introduced on forgiveness. (Report writing)

d. The Me/We balance: Building better communities

Books for study


References:


Semester II: Practical / Field Work Component

Core Course: 8 credits. 15 weeks

PSYCHOLOGICAL TESTING AND PSYCHOMETRICS
PRACTICALS: PPAPSI21-P205

Objectives:

1. To be aware of the role of measurement in psychology
2. To appreciate the criteria of a good psychological test
3. To understand necessary steps involved in test construction
4. To value the ethical issues in psychological testing.

Unit 1. Theoretical-conceptual orientation

a. Measurement in psychology and in the natural sciences
b. Measurement theories: classical test theory, modern test theory
c. Test construction: item analysis, reliability, validity and norms
d. Ethical issues in psychological testing

Unit 2. Test administration and reporting

At least two tests pertaining to Intelligence, Motivation, Emotion, Personality and/or Attitude to be administered, scored and interpreted & reported. For each administered test, item analysis, reliability and validity, and Group norms to be computed and reported in the file

Unit 3. Test development

Students will be divided into six groups. Each group has to choose an area by consensus or majority. Each student will have to develop a psychological test pertaining to the area chosen by the group. Every student in each group will present his or her ideas about developing a specific psychological test in the class. After these presentations, one specific psychological construct is selected as group’s construct. In this way, six psychological tests revolving around six psychological constructs are to be developed.
Unit 4: Reporting of newly developed tool

The newly developed tool has to be administered on a group of at least 30 individuals. The item analysis, reliability and validity, norms are to be computed and reported in the file.

Books for study

INTERNAL ASSESSMENT  40 Marks

1. One class test: Online/offline (Mode of the examination will be decided as per the decision of the concerned teacher)  (Additional Exam in any valid case)
   (Objectives/Multiple Choice) (20Marks)
2. Presentation (10 Marks)
3. Activity: (10 Marks) (Any one)
   A. Research proposal
   B. Case study
   C. Book review

SEMESTER EXAMINATION

60  marks (2 hours)

1. All questions are compulsory.
2. Each question carries 15 marks.

Q1A (Essay type)  OR Q1B (2 Short notes:7+8)         (Unit 1)              15 marks
Q2A (Essay type)  OR  Q2B (2 Short notes:7+8)        (Unit 2)             15 marks
Q3A (Essay type)  OR Q3B (2 Short notes:7+8)         (Unit 3)              15 marks
Q4A (Essay type)  OR Q4B (2 Short notes:7+8)         (Unit 4)              15 marks