

|| अंतरी पेटवू ज्ञानज्योत ||



**North Maharashtra University, Jalgaon.**

**Syllabus for S.Y.Bsc Psychology**

**With effect from June-2013-14**

<b>Name of the Subject</b>	<b>Semester</b>
Experimental Research Methodology	Paper -I- Sem-III Sem-IV
Organization Behaviour	Paper-II- Sem-III Sem-IV
Experimental Psychology & statistics (Practical)	Paper-III Annual Pattern

**NORTH MAHARSHTRA UNIVERSITY, JALGAON**

**Syllabus for S.Y.Bsc. Psychology -**

**With Effect from June-2013-14**

**SEMISTER-III Paper -I**

**Title of Paper: Experimental Research Methodology**

**Total marks: 40+10**

**Periods: 52**

**Objectives:-**

1. To provide an overview of scientific research, Sampling technique, Methods & Research design to the students.
2. To acquaint the students with the general and special abilities
3. To acquaint the students with respect to psycho-physics, reaction time & association

**Periods**

**Chapter No. 1 – Scientific Research**

**(13)**

**1.1 Nature and Definition of Scientific Research**

**1.2 Types of Scientific Research**

**1.3 Variable Definition & types**

**1.4 Problem statement, Criteria, resources & Hypothesis types**

**Chapter No. 2– Sampling Technique**

**(13)**

**2.1 Nature & Definition of Sampling**

**2.2 Criteria for selecting a sample procedure**

**2.3 Types of Probability Samplings**

**2.4 Types of Non-probability Sampling**

**Chapter No. 3- Research method & Design**

**(13)**

**3.1 Natural observation**

**3.2 Survey research**

**3.3 The case study**

**3.4 Correlation research**

**3.5 Experimental research**

**3.6 Types of research design**

**Chapter No. 04 The computer-It s role in research**

**(13)**

**4.1 The computer & computer technology**

**4.2 The computer system**

**4.3 Important characteristics**

**4.4 Computer Applications**

**4.5 Computer & Researcher**

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**SEMISTER-IV Paper -I**

**Title of Paper- Experimental Research Methodology**

**Total marks: 40+10**

**Periods: 52**

**Periods**

**Chapter No.1 Sensory process – (13)**

- 1.1 Some general characteristics of the sense
- 1.2 The visual sense
- 1.3 The auditory sense
- 1.4 Other sense

**Chapter No. 2 Reaction time & Association (13)**

- 2.1 Reaction time: Judgment time & latency
- 2.2 Types of reaction time & determinant of reaction time
- 2.3 Association experiment
- 2.4 Clinical & diagnostics use of association

**Chapter No. 3 –General ability & special ability testing (13)**

- 3.1 Concept of intelligence General & special ability
- 3.2 Intelligence test -Individual & group test
- 3.3 Individual test – 1) Wechsler and Malins Intelligence Scale  
2) Bhatiyas performance test of intelligence
- 3.4 Group test - 1) Draw a Man Test  
2) Standard Progressive Matricies
- 3.5 Nature & types of special ability test

**Chapter No.4- Psycho-physics (13)**

- 4.1 Meaning of Psycho-physics
- 4.2 Method of limits
- 4.3 Method of constant stimuli
- 4.4 Method of average error
- 4.5 Error in Psycho-physical methods

**Books for reference-**

- 1) Kothari C.R.(1980)Research Methodology, Methods & Technique,Wiely Eastern Ltd,New Delhi
- 2) Leo Postman & James P.Egan-Experimental psychology
- 3) Introduction to psychology Sixth Edition Ernest R Hilgard,Richard c. Atkinson Rita l. Atkinson
- 4) Research Methodology- 2<sup>nd</sup> edition Dr.S.L.Gupta,Hitesh Gupta
- 5) Kerlinger Fred.n. (1995)-2<sup>nd</sup> edition Foundation of Behavioral research

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**Syllabus for S.Y.Bsc. Psychology**

**With Effect from June-2013-14**

**SEMESTER-III**

**Title – Organizational Behaviour-paper-II**

**Total marks: 40+10**

**Periods: 52**

**Objective-**

- 1) The course will familiarize students.
- 2) Students were familiarize themselves with the skills, techniques and their implications.

**Periods**

**Chapter – 1st Historical context of Organizational Behaviour: (13)**

1.1 Definitions of organizational Behavior.

1.2 Challenges for organizational Behavior.

1.3 Scope and Opportunities for organizational Behavior.

1.4 Managers, Management function, Management roles, Management skills.

**Chapter-2<sup>nd</sup> Person in the Organization: (13)**

2.1 Biographical Characteristics.

2.2 Personality Definition and Measurement.

2.3 Major Personality attributes affecting O.B

2.4 Matching Personality & jobs

2.5 Personality & Culture

**Chapter- 3<sup>rd</sup> Individual and Organization: (13)**

3.1 Values, attributes & Jobs satisfaction

3.2 Importance & source of values

3.3 Attitudes source, types and measurement of attitudes.

3.4 Skills involved in changing attitudes.

**Chapter- 4<sup>th</sup> Basic Motivation concept (13)**

4.1 Motivation- Concept, Definition of motivation

4.2 Theory of motivation .Hierarchy of Need Theory. Theory X & Y and two factor theory.

4.3 MBO, behavior Modifications.

4.4 Employee Involvement programmers.

4.5 Work & incentives

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**SEMISTER-IV**

**Title – Organizational Behaviour-paper-II**

**Total marks: 40+10**

**Periods: 52**

**Periods**

**Chapter- 1<sup>st</sup> Group & Organization: (13)**

- 1.1 Nature, types and stages of group Employment.
- 1.2 Conditions affecting group Functioning.
- 1.3 Organizational structures, Authority System.
- 1.4 Personal selection, performance.
- 1.5 Evaluation, Reward system, Organizational culture, Physical settings.

**Chapter-2<sup>nd</sup> Communication in Organizations: (13)**

- 2.1 Communication model
- 2.2 Barriers and sources of distortions.
- 2.3 Direction and Network Communication.
- 2.4 Communication and Decision Making.
- 2.5 Skills involved in communication and listening.

**Chapter – 3<sup>rd</sup> Conflict negotiation and stress in Organization: (13)**

- 3.1 Negotiation, sources and techniques of managing in organization.
- 3.2 Negotiation strategies.
- 3.3 Work stress-source and Techniques in managing stress.
- 3.4 Skills involved in managing stress.
- 3.5 Conflict and Negotiations

**Chapter – 4<sup>th</sup> Leadership in Organization: (13)**

- 4.1 Nature & types.
- 4.2 Behavioral theories-Contingency Theories and Contemporary issues in leadership.
- 4.3 Leadership and Power-Bases of Power &Power in Action.
- 4.4 Skills involved in managing politicking

**Books for reference:-**

- 1) Robinson S.P., organizational Behavior, 9th edition, New Delhi, Prentice Hall of India..
- 2) Dunnet M.D. and Hough L.M. (1992) hand book of Industrial and Organizational Psychology (2nd edition), Polo altho: consulting psychology press.
- 3) Organizational Behavior-P.A.Bhagatwar

**NORTH MAHARSHTRA UNIVERSITY, JALGAON**  
**Syllabus for S.Y.Bsc. Psychology -**  
**With Effect from June-2013**  
**Annual Pattern**

**Title of Paper: Experimental Psychology  
& statistics (Practical)**

**Total marks: 80**

**Periods: 96**

**Student should perform at least 16 experiments from the following (10 experiments & 5 tests)**

- 1) Recall & Recognition
- 2) Rational learning
- 3) Bilateral transfer(cup & ball)
- 4) Multiple Choice Problem
- 5) Problem Solving
- 6) Measurement of emotion from facial experiment
- 7) Reaction time
- 8) Effect of knowledge of result on learning
- 9) Method of limits
- 10) Method of constant stimulus
- 11) Method of average error(Galton bar)
- 12) Verbal conditioning-
- 13) Anxiety/Stress scale-
- 14) Color preference
- 15) Aptitude test
- 16) Free & Control association
- 17) Retroactive inhibition
- 18) E.Q.Test
- 19) Personality Test
- 20) Massed Vs Distributed practice
- 21) Intelligence Test

**Statistics-Frequency distribution, Computation of mean, mode, median, S.D,**

**Percentile rank, Chi -square. Correlation-Rank difference, equal distribution**

**Books for experiment & Statistics-**

- 1) Munn;Laboratory Mannual in experimental psychology
- 2) Parmeswaran;Experimental psychology
- 3) Jalota; Elementary Experiment in psychology
- 4) Garret; Statistics in education & psychology

**Note-** Practical examination will be held annually. A batch of maximum (12) student will be

Constituted one batch & each batch will be conducting the practical twice in a week.

**Duration of the practical will be three clock hours in which candidates will perform conduct an experiment & write its report allotted to him –her with statistical problem & viva.**

<b>Internal Marks</b>	<b>External Marks-</b>	<b>80</b>
<b>For term end examination 20 marks</b>	<b>Journal-</b>	<b>20</b>
	<b>Statistics –</b>	<b>20</b>
	<b>Instruction &amp; conduct-</b>	<b>20</b>
	<b>Report writing -</b>	<b>10</b>
	<b>Viva-</b>	<b>10</b>
<b>Total- 20</b>	<b>Total-</b>	<b>80</b>