

Maulana Abul Kalam Azad University of Technology, WB
(Formerly known as West Bengal University of Technology)
Syllabus of B.Sc. in B.Sc. in Psychology
Effective from academic session 2023-24

Course Name: Understanding Psychological Disorder II

Mode: Offline

Credits: 4

BSCPYPY- 501

Aim of the Course: The aim is to achieve basic concept of Schizophrenia, Mental Retardation, Substance use and Psychophysiological disorders.

Course Objectives: The course is aimed to build knowledge on Schizophrenia, Mental Retardation, Substance use and Psychophysiological disorders, along with their signs, symptoms and clinical features. Upon completion of this course, students should understand the concept and different viewpoints on those disorders in order to determine a relevant etiology.

SI	Graduate attributes	Mapped modules
CO1	The student will get an introduction to Schizophrenia, Mental Retardation, Substance use and Psychophysiological disorders.	M1
CO2	The student shall be able to sort the various classifications of these disorders.	M2
CO3	The student shall master the various signs and symptoms associated with these disorders.	M3
CO4	The students will be able to draw the clinical picture of these various disorders.	M4
CO5	The students will be able to make an integrated etiology by contrasting and comparing the various viewpoints on these disorders.	M5

Learning Outcome/ Skills:

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The candidates should demonstrate fundamental knowledge into basic concept of Schizophrenia, Mental Retardation, Substance use and Psychophysiological disorders along with their signs, symptoms and clinical features. The candidate should be able to determine a relevant etiology for these disorders, compare and contrast their various points of view.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks, if any
<u>THEORY</u>					
M1	Schizophrenia	15	20	1,2,3	NA
M2	Mental retardation	15	30	1,2,3	NA
M3	Substance use disorder	15	30	1,2,3	NA
M4	Psychophysiological disorder	15	20	1,2,3	NA
Total Theory		60	100		
<u>Practical</u>		15			
1. Practical on Psychopathology					
Total		75			

Detailed Syllabus

Module 1: Schizophrenia

Signs and symptoms, clinical features, and etiology of Schizophrenia

Total Hours: 15

Module 2: Mental Retardation

Signs and symptoms, clinical features, and etiology of Mental retardation

Total Hours: 15

Module 3: Substance Use Disorder

Signs and symptoms, clinical features, and etiology of Substance use disorder

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Total Hours: 15

Module 4: Psychophysiological Disorders

Signs and symptoms, clinical features, and etiology of Psychophysiological disorder

Total Hours: 15

PRACTICAL

Total Hours: 15

BSCPY591

Credit: 1

Practical on psychopathology using scales like Brief Psychiatric Rating Scale, Hospital Anxiety and Depression Scale, State Trait Anxiety Inventory

Suggested Readings:

- Barlow D.H. and Durand V.M. (2005). Abnormal Psychology: An Integrated Approach (4thEd.).Wadsworth: New York.
- Bennett,P. (2006). Abnormal and Clinical Psychology: An introductory textbook. New York: OpenUniversity Press.
- Brewer,K. (2001). Clinical Psychology. Oxford : Heinemann Educational Publishers
- Carson, R.C., Butcher,J.N.,Mineka,S.& Hooley,J.M. (2008). Abnormal Psychology. New Delhi: Pearson.
- Kearney, C. A. & Trull, T. J. (2012). Abnormal Psychology and Life: A dimensional approach. New Delhi : Cengage learning.
- Kring,A.M.,Johnson,S.L.,Davison G.C. & Neale J.M. (2010). Abnormal Psychology (11th Ed.).NY: John Wiley.

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Course Name: Developmental Psychology

Mode: Offline

Credits: 4

BSCPYPY- 502

Aim of the Course: The aim is to achieve basic concept of meaning and nature of development, prenatal development, and various developments in childhood, adolescence, adulthood and old age.

Course Objectives: The course is aimed to build knowledge in development, prenatal development. Upon completion of this course, students should understand the concept and different developmental periods in childhood, adolescence, adulthood and old age. They should understand different theories and distinctions between development, growth, and maturity.

SI	Graduate attributes	Mapped modules
CO1	The student will get an introduction to the meaning and nature of development.	M1
CO2	The student shall describe and elucidate the distinctions between development, growth, and maturity.	M2
CO3	The student shall master the concepts of developments in childhood, adolescence, adulthood and old age.	M3
CO4	The students will draw a clinical picture of prenatal development and the risks associated with it.	M4
CO5	The students will examine and contrast the various perspectives on human development in a variety of fields.	M5

Learning Outcome/ Skills:

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The candidates should demonstrate fundamental knowledge into meaning and nature of development and distinctions between development, growth, and maturity. The candidate should also throw light on various perspectives on human development in a variety of fields. The candidate will also understand the various stages of prenatal development and the risks associated with it.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks, if any
<u>THEORY</u>					
M1	Basic concept of Development	15	20	1,2,3	NA
M2	Prenatal development	15	30	1,2,3	NA
M3	Childhood and Adolescence	15	30	1,2,3	NA
M4	Adulthood and Old age	15	20	1,2,3	NA
Total Theory		60	100		
<u>Practical</u> 2. Project based Practical on Attachment and Parenting Styles		15			
Total		75			

Detailed Syllabus

Module 1: Basic concept of Development

Meaning and nature of Development; difference from maturity and growth; developmental hazards

Total Hours: 15

Module 2: Prenatal development

Stages, features, and hazard

Total Hours: 15

Module 3: Childhood and Adolescence

Physical, speech, emotional, social, personality, and moral development

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Total Hours: 15

Module 4: Adulthood and Old age

Emotional, social, personality and moral development. Developmental tasks and hazards.

Total Hours: 15

PRACTICAL

Total Hours: 15

BSCPY592

Credit: 1

Project based practical on assessing attachment style using scales and associating them with parenting styles

Suggested Readings:

- Berk, L. E. (2010). Child Development (9th Ed.). New Delhi: Prentice Hall.
- Mitchell, P. and Ziegler, F. (2007). Fundamentals of development: The Psychology of Childhood. New York: Psychology Press.
- Papalia, D. E., Olds, S.W. & Feldman, R.D. (2006). Human development (9th Ed.). New Delhi: McGraw Hill.
- Santrock, J. W. (2011). Child Development (13th Ed.). New Delhi: McGraw Hill.
- Santrock, J.W. (2012). Life Span Development (13th ed) New Delhi: McGraw Hill.
- Srivastava, A.K. (1997). Child Development: An Indian Perspective. New Delhi.

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Semester-VI

Course Name: INDUSTRIAL PSYCHOLOGY

Mode: Offline

Credits: 4

BSCPYPY-601

Aim of the Course: The aim is to explain the work done in the field of industrial and organizational psychology, implement different forms of organizational communication procedures and sketch the steps of personnel selection in an industry.

Course Objectives: The course is aimed to build knowledge on meaning, nature, and scope of Organizational Behavior. The methods used to study organizational behaviour and the nature, methods and steps of personnel selection. The concept of organizational hierarchy, leadership and communication. The concept of Job Analysis and the steps will be introduced and the concept and theories related to job satisfaction.

Sl	Graduate attributes	Mapped modules
CO1	The student will get an introduction on the fields of industrial and organizational psychology	M1
CO2	The student shall get to learn to expertise on personnel selection their nature, methods and steps	M2
CO3	The student shall understand to master the concepts of different forms of organizational communication procedures	M3
CO4	The students will understand the uses and implementation of Organizational hierarchy, leadership and communication	M4

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CO5	The students will get know how to sketch the steps of personnel selection in Industries	M5
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Learning Outcome/ Skills:

The candidates should demonstrate fundamental knowledge about the nature, significance, and application of industrial behaviour. The techniques employed to investigate organizational behaviour as well as the types, procedures, and methods of hiring staff, the ideas of communication, leadership, and organizational hierarchy. The idea of job analysis, its procedures, and ideas around job satisfaction will all be covered.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks, if any
<u>THEORY</u>					
M1	Basic concept of Organizational Behavior	15	20	1,2,3	NA
M2	Personnel Selection	15	30	1,2,3	NA
M3	Organizational communication procedures	15	30	1,2,3	NA
M4	Job Analysis & Job Satisfaction	15	20	1,2,3	NA
Total Theory		60	100		
<u>Practical</u>					
1. Project based practical on Motivation of employee		15			
Total		75			

Detailed Syllabus

Module 1: Basic concept of Organizational Behavior

Meaning, nature, and scope of Organizational Behaviour. Methods used to study OB.

Total Hours: 15

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Module 2: Personnel Selection

Personnel Selection: Nature, methods and steps

Total Hours: 15

Module 3: Organizational communication procedures

Organizational hierarchy, leadership and communication

Total Hours: 15

Module 4: Job Analysis & Job Satisfaction

Job Analysis: concept and steps; Job satisfaction: concept and theories

Total Hours: 15

PRACTICAL

Total Hours: 15

BSCPY691

Credit: 1

Practical on assessing work motivation of employees

Suggested Readings:

- Griffin, R.W. & Moorhead, G. (2009). Organizational Behavior: Managing People & Organizations. New Delhi :Biztantra publishers.
- Landy, F.J. & Conte, J.M. (2007) Work in the 21st Century: An Introduction to Industrial and Organizational Psychology. New York : Wiley Blackwell.
- Luthans, F. (2009). Organizational behavior. New Delhi: McGraw Hill. Pareek, U. (2010). Understanding organizational behaviour. Oxford: Oxford University Press.
- Prakash, A. (2011). Organizational behavior in India: An indigenous perspective. In G. Misra (Ed.), Handbook of Psychology. New Delhi: Oxford University Press.
- Robbins, S. P. & Judge, T.A. (2007) Organizational Behavior (12th Ed). New Delhi: Prentice Hall of India.

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Course Name: EDUCATIONAL PSYCHOLOGY

Mode: Offline

Credits: 5

BSCPYPY-602

Aim of the Course: The aim is to achieve the basic concept of educational psychology, an understanding of the nature, scope and methods of educational psychology, descriptive concept, nature and theories of Learning and Motivation, improving classroom motivation of students as well as education in the Indian context.

Course Objectives: The course is aimed to build knowledge in educational psychology. It also helps in understanding their nature, scope and to implement different methods of educational psychology in diverse areas. Upon completion of this course, students should understand the concept, their nature and the vast theories of Learning and Motivation. They should be familiar with the descriptive concept and skills improving classroom motivation of students. They get to introduced to the education in the Indian context.

Sl	Graduate attributes	Mapped modules
CO1	The student will get an introduction to the discipline of educational Psychology.	M1
CO2	The student shall get expertise in implementation of different methods of educational psychology.	M2
CO3	The student shall master the concepts, nature and theories of learning and motivation.	M3
CO4	The students will understand concept and skills improving classroom motivation of students.	M4

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CO5	The students will get knowledge on the education in the Indian context	M5
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Learning Outcome/ Skills:

The candidates should demonstrate fundamental knowledge in education Psychology, for the candidate to be able to understand different aid in their understanding of the nature, scope, and application of various methods of educational psychology in various contexts. Students who successfully complete the course should have a thorough understanding of the concept, nature, and various theories of learning and motivation; they should also be familiar with the descriptive concept and skills that improve students' motivation in the classroom; and they will be introduced to the education in the Indian context.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks , if any
<u>THEORY</u>					
M1	Basic concept of educational Psychology	15	20	1,2,3	NA
M2	Nature and different theories of Learning	15	20	1,2,3	NA
M3	Different approaches of Motivation	15	20	1,2,3	NA
M4	Skills improving classroom motivation of students	15	20	1,2,3	NA
M5	Education in the Indian Context	15	20	1,2	
Total Theory		75	100		
TOTAL	75				

Detailed Syllabus

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Module 1: Basic concept of educational Psychology

Meaning, nature, and scope of educational psychology. Methods used in educational psychology

Total Hours: 15

Module 2: Nature and different theories of Learning

Nature and theories of learning

Total Hours: 15

Module 3: Different approaches of Motivation

Concept, nature, and theories of Motivation

Total Hours: 15

Module 4: Improving classroom motivation of students

Concept and skills improving classroom motivation for students

Total Hours: 15

Module 5: Education in the Indian Context

Different perceptions to the education in the Indian Context

Total Hours: 15

Suggested Readings:

- Bruner, J. (1996). The culture of education. Cambridge: Harvard University Press.
- Woolfolk, A., Misra, G., & Jha, A. (2012). Fundamentals of educational psychology. New Delhi, India: Pearson Pub
- Thapan, M. (Ed.) (2014). Ethnographies of schooling in contemporary India. New Delhi, India: Sage Pub.
- Rogers, C. (1983). Freedom to learn in the 80s. USA: Charles R. Merrill Pub. Co.

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Course Name: BEHAVIOUR MODIFICATION

Mode: Offline

Credits: 4

BSCPYPY-603

Aim of the Course: The aim is to achieve basic concept in behaviour modification, learning principles behind the concept, Applied Behavior Analysis (ABA) and its functional analysis to behaviours as well as basic principles and orientation to Behavior Therapy.

Course Objectives: The course is aimed to build descriptive knowledge in behaviour modification in Psychology. The students should know the Learning principles behind the concept of behaviour modification. They will get a clear description about Applied Behavior Analysis (ABA). Through the practice of ABA, they must comprehend the concept of functional analysis of behaviour. Upon completion of this course, students should know the basic principles and orientation to Behavior Therapy.

SI	Graduate attributes	Mapped modules
CO1	The student will get an introduction to the behaviour modification in Psychology.	M1
CO2	The student shall learn the concept about the Learning principles behind the concept of behaviour modification.	M2
CO3	The student must comprehend the idea of Applied Behavior Analysis (ABA).	M3
CO4	Students must comprehend the concept of Functional analysis of behavior.	M4
CO5	The students will get the knowledge of basic principles and orientation to Behavior Therapy.	M5

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Learning Outcome/ Skills:

The candidates should demonstrate fundamental knowledge and insight in the introduction of behaviour modification in Psychology. The goal of the course is to increase descriptive knowledge in psychology related to behaviour modification. The learning principles underlying the idea of behaviour modification should be understood by the students. A comprehensive explanation of Applied Behaviour Analysis (ABA) will be provided to them. They have to understand the notion of functional analysis of behaviour through the use of ABA. Students should have a fundamental understanding and orientation to behaviour therapy after completing this course.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks, if any
THEORY					
M1	Basic concept of behaviour modification	15	20	1,2,3	NA
M2	The Learning principles behind the concept of behaviour modification.	15	20	1,2	NA
M3	Applied Behaviour Analysis (ABA)	15	20	1,2,3	NA
M4	Putting ABA to practice: Functional analysis of behavior	15	20	1,2,3	NA
M5	Basic principles and orientation to Behavior Therapy	15	20	1,2	NA
Total Theory		75	100		
TOTAL		75			

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Detailed Syllabus:

Module 1: Basic concept of behaviour modification

Descriptive knowledge in behaviour modification in Psychology

Total Hours: 15

Module 2: The Learning principles behind the Concept

The Learning principles behind the concept of behaviour modification.

Total Hours: 15

Module 3: Applied Behaviour Analysis (ABA)

Comprehensive explanation of Applied Behaviour Analysis (ABA)

Total Hours: 15

Module 4: Putting ABA to practice: Functional analysis of behavior

The notion of functional analysis of behaviour using ABA.

Total Hours: 15

Module 5: Basic principles and orientation to Behavior Therapy

Fundamental understanding and orientation to behaviour therapy

Total Hours: 15

Suggested Readings:

- Miltenberger, R. G. *Behavior Modification: Principles and Procedures*
- Kazdin, A. E. *Behavior Modification in Applied Settings*
- Cooper, J. O., Heron, T. E., & Heward, W. L. *Applied Behavior Analysis*
- Spiegler, M. D. *Contemporary Behavior Therapy*
- Skinner, B. F. – *Science and Human Behavior*