

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly West Bengal University of Technology)
Syllabus of B.Sc. In Psychology
(Effective from 2023-24 Academic Sessions)

Course Name: Understanding Psychological Disorder I

Mode: Offline

Credits: 3+1

BSCPYPY- 401

Aim of the Course: The aim is to achieve basic concept of normality and abnormality, concepts and perspectives of psychopathology, signs and symptoms, clinical features and etiology of anxiety and mood disorders.

Course Objectives: The course is aimed to build knowledge in normality and abnormality and an understanding of both historical and modern perspectives of psychopathology. Upon completion of this course, the student will be able to identify various anxiety and mood disorders along with the signs and symptoms associated with these disorders. The student will also get to determine relevant causes of anxiety and mood disorder.

Sl	Graduate attributes	Mapped modules
CO1	The student will get an introduction of normality and abnormality	M1
CO2	The student shall get an understanding of both historical and modern perspectives of psychopathology	M2
CO3	The student shall separate mood disorders and anxiety disorders.	M3
CO4	The students shall draw a clinical picture of mood and anxiety disorders.	M4
CO5	The students will determine a relevant cause for anxiety and mood disorders	M5

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Learning Outcome/ Skills:

The candidates should demonstrate fundamental knowledge into normality and abnormality and both historical and modern perspectives of psychopathology. The candidate shall identify the anxiety and mood disorders along with their signs and symptoms. The candidate will be able to determine a convincing etiology, compare and contrast the various viewpoints on anxiety and mood disorders.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks, if any
<u>THEORY</u>					
M1	Normality and Abnormality	05	20	1,2	NA
M2	Psychopathology	10	30	1,2,3	NA
M3	Neurosis, psychosis and Psychophysiological disorders	10	30	1,2	NA
M4	Anxiety and Mood disorders	20	20	1,2,3	NA
Total Theory		45	100		
<u>Practical</u> 1. Practical on assessing psychological symptoms of anxiety and depression		15			
Total		60			

Detailed Syllabus

Module 1: Normality and Abnormality

Meaning, nature, conception and criteria

Total Hours: 05

Module 2: Psychopathology

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Meaning, concepts and perspectives, both historical and modern

Total Hours: 10

Module 3: Neurosis, psychosis and Psychophysiological disorders

Total Hours: 10

Module 4: Anxiety and Mood disorders

Signs and symptoms, clinical features, and etiology of
Anxiety Disorders (Phobia, GAD, OCD) and
Mood Disorders (Unipolar and Bipolar)

Total Hours: 20

PRACTICAL

Total Hours: 15

BSCP491

1. Practical on measuring symptoms of anxiety using Beck Anxiety Inventory and Hamilton Anxiety Rating Scale
2. Practical on measuring symptoms of depression using Beck Depression Inventory II and Hamilton Depression Rating Scale

Suggested Readings:

Barlow D.H. and Durand V.M. (2005). *Abnormal Psychology: An Integrated Approach* (4th Ed.). Wadsworth: New York.

Bennett, P. (2006). *Abnormal and Clinical Psychology: An introductory textbook*. New York: Open University 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: Applied Social Psychology in Practice

Mode: Offline

Credits: 2+2

BSCPYPY- 402

Aim of the Course: The aim is to achieve basic concept of social groups, conformity, compliance, obedience, prosocial behaviour and aggressive behaviour.

Course Objectives: The course is aimed to build knowledge in various social groups along with their nature, formation and change and apply understanding of group influence to explain social behaviour. Upon completion of this course, students should understand the concept and different theories of conformity, compliance, obedience. They should be able to understand and analyze aggressive and prosocial actions in various social settings.

Sl	Graduate attributes	Mapped modules
CO1	The student will get an introduction to the various types of social groups.	M1
CO2	The student shall understand the concept and different theories of conformity, compliance, obedience.	M2
CO3	The student shall explain social behaviour using understanding of group influence.	M3
CO4	The students will analyze aggressive and prosocial actions in the context of society	M4
CO5	The students will examine and contrast the various approaches to making an impression on people in order to enhance relationships with them.	M5

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Learning Outcome/ Skills:

The candidates should demonstrate fundamental knowledge on various social groups along with their nature, formation and change and apply understanding of group influence to explain social behaviour. The candidate will consider both aggressive and prosocial actions in social settings. The students will comprehend various approaches to making an impression on people in order to enhance relationships with them.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks, if any
<u>THEORY</u>					
M1	Groups	07	20	1,2	NA
M2	Group influence	08	30	1,2,3	NA
M3	Prosocial behaviour and aggressive behaviour	08	30	1,2,3	NA
M4	Impression formation, attractiveness, and Love	07	20	1,2,3	NA
Total Theory		30	100		
<u>Practical</u>		30			
1. Practical based on Likert's Scale and Goode and Hatte's revision of Bogardus's Scale					
2. Project based practical on Problem solving					
Total		60			

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Detailed Syllabus

Module 1: Groups

Meaning, nature, organization, formation, types, change

Total Hours: 07

Module 2: Group influence

Conformity, Compliance, Obedience (nature, concept, theories)

Total Hours: 08

Module 3: Prosocial behaviour and aggressive behaviour

Concept, theories, determinants

Total Hours: 08

Module 4: Impression formation, attractiveness, and Love

Total Hours: 07

PRACTICAL

Total Hours: 30

BSCP492

1. Practical on assessing ethnic prejudice using Goode and Hatt's revision of Bogardus' scale
2. Practical on assessing a social construct using Likert's scale
3. Practical on assessing group influence on problem solving using a suitable type of stimuli

Suggested Readings:

Baron, R.A., Byrne, D. & Bhardwaj. G (2010). Social Psychology (12th Ed). New Delhi: Pearson.

Chadha, N.K. (2012). Social Psychology. MacMillan: New Delhi

Deaux.K & Wrightsman, L. (2001). Social Psychology. California: Cole Publishing

Kassin,S., Fein, S., & Markus,H.R. (2008). Social psychology. New York: Houghton Mifflin.

Misra, G. (2009). Psychology in India, Volume 4: Theoretical and Methodological Developments (ICSSR survey of advances in research). New Delhi: Pearson.

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Myers, D.G. (2008). Social psychology New Delhi: Tata McGraw-Hill.

Taylor, S.E., Peplau, L.A. & Sears, D.O. (2006). Social Psychology (12th Ed). New Delhi: Pearson.

Course Name: Statistical Methods II

Mode: Offline

Credits: 4+1

BSCPY- 403

Aim of the Course: The aim is to achieve basic concept of descriptive statistics, inferential statistics, predictive statistics and non-probability statistics.

Course Objectives: The course is aimed to build knowledge in descriptive, inferential, and predictive statistics. Upon completion of this course, students shall use descriptive, inferential, and predictive statistics to interpret data. They should examine and contrast how well various statistical methods explain psychological data.

SI	Graduate attributes	Mapped modules
CO1	The student will get an introduction to the descriptive, inferential, and predictive statistics	M1
CO2	The student shall get knowledge on Chi square test and Mann Whitney U test	M2
CO3	The student shall make use of predictive, inferential, and descriptive statistics to interpret data.	M3
CO4	The students report findings derived from statistical inferential, descriptive, or predictive models	M4
CO5	The students will examine and contrast the ways in which various statistical measures can be used to explain psychological data.	M5

Learning Outcome/ Skills:

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The candidates should demonstrate fundamental knowledge into descriptive, inferential, and predictive statistics; implement descriptive, inferential, and predictive statistics to interpret data and provide findings based on statistical inferential, descriptive, or predictive analysis. The candidates should examine and contrast the ways in which various statistical measures can be used to explain psychological data.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks, if any
<u>THEORY</u>					
M1	Descriptive statistics	15	20	1,2,3	NA
M2	Inferential statistics	15	30	1,2,3	NA
M3	Predictive statistics	15	30	1,2,3	NA
M4	Non – probability statistics	15	20	1,2,3	NA
Total Theory		60	100		
<u>Practical</u>		15			
1. Practical on t test and chi square test					
Total		75			

Detailed Syllabus

Module 1: Descriptive statistics

Correlation (Pearson r, Spearman’s Rho, Biserial and Point Biserial, Tetrachoric and Phi, Contingency coefficient)

Total Hours: 15

Module 2: Inferential statistics

Student’s t test, ANOVA (randomized and repeated measures)

Total Hours: 15

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Module 3: Predictive statistics

Linear Regression analysis

Total Hours: 15

Module 4: Non – probability statistics

Chi square test, Mann Whitney U test

Total Hours: 15

PRACTICAL

Total Hours: 15

BSCP493

1. Practical on conducting t test on set of scores
2. Practical on conducting chi square on a set of scores

Suggested Readings:

Aron, A., Aron, E.N., & Coups, E.J. (2007). *Statistics for Psychology* (4th Ed). India: Prentice Hall.

Manish Gupta, Amit Gupta (2010) *The Practice of Business Statistics*, Khanna Book Publishing.

N.K. Chadha (1991) *Statistics for Behavioral and Social Sciences*. Reliance Pub. House: New Delhi

Coakes, S. J., Steed, L., & Ong, C. (2009). *SPSS: Analysis Without Anguish Using Version 16.0 for Windows*. Milton, QLD: Wiley Students Edition.

Field, A. (2009). *Discovering Statistics using SPSS* (3rd Ed). New Delhi :Sage.

King, B.M. & Minium, E.W. (2007). *Statistical Reasoning in the Behavioral Sciences* (5th Ed).USA: John Willey.

Siegal, S. (1956). *Nonparametric Statistics*. NY: McGraw Hill