

Course	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
DSC-9 Basic Statistics in Psychology	4	3	0	1	12 th Pass	NIL

Learning Objectives

The Learning Objectives of this course are as follows:

- The basic level course will assist the students in grasping the fundamental research and techniques of descriptive statistics used in social sciences. Additionally, it will aid them in developing the conceptual foundations of correlation, normal probability curve and acquiring appropriate computation skills.
- Calculate measures of central tendency, variability, and score transformations.
- Define and calculate correlation coefficients and understand the concepts of prediction and regression.
- Describe the normal curve and use the curve to solve various problems including probability.

Learning outcomes

By studying this course, students will be able to:

- Understand fundamental research, statistical techniques and analyse simple data.
- Calculate the statistics necessary to solve problems using measures of central tendency, correlation coefficients and simple regression.
- Communicate the meaning of statistical analyses in everyday language and professional formats (e.g., graphs and tables).

SYLLABUS OF DSC 06

UNIT – I

(15 Hours)

Introduction to Descriptive Statistics: Level of measurement; Measures of central tendency: mean, median and mode (characteristics and computation); Measures of variability: range, semi-interquartile range, standard deviation, variance (characteristics and computation)

UNIT – II

(15 Hours)

Score transformations: standard scores and percentile ranks (characteristics and computation); Normal probability curve: Characteristics and application of normal probability curve.

UNIT – III

(15 Hours)

Analysis of relationships: Meaning, direction and degree of correlation; Factors affecting Pearson's correlation; Computation of correlation: Pearson's coefficient correlation and Spearman's rank order correlation; Prediction and Simple Regression (Concept and calculation)

Practical component (if any) -

(30 Hours)

Total of two practicums based on statistical analysis of data:

- One practicum from Unit I based on any one of the statistics: measures of central tendency: mean, median and mode; Measures of variability: range, semi-interquartile range, standard deviation, variance (characteristics and computation)
- One practicum from Unit III based on analysis of relationship (correlation or prediction)

Data sets available online or those from other sources can be used for this purpose. The Practicum should focus on conceptual understanding of the statistical techniques used.

Essential/recommended readings

Aron, A., Aron, E.N. & Coups, E.J. (2007). *Statistics for Psychology*. (4th Ed.) India: Pearson Education
King, B.M., Rosopa, P.J., & Minium, E.W. (2007). *Statistical Reasoning in the Behavioral Sciences*. (7th Ed.) USA: John Wiley.
Mangal, S.K. (2010). *Statistics in Psychology and Education* (2nd Ed.). PHI Learning.

Suggestive readings

Garrett, H.F. (1973). *Statistics in Psychology and Education*. Bombay: Vakils, Feffer and Simons Private Ltd.

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
DSC-5: SOCIAL PSYCHOLOGY	4	3	0	1	12 th Pass	Nil

A.C.-22.11.2022
Appendix-10

Learning Objectives

- The Learning Objectives of this course are as follows:
- To develop the conceptual knowledge of social psychology, its history, scope, and methods.
- To develop an understanding of cognitions, emotions, and actions of oneself and others in the social and cultural context.
- To learn the causes of self and others' behaviors and sources of bias in evaluating such behaviors.

Learning outcomes

- The Learning Outcomes of this course are as follows:
- To provide a platform to conduct an in-depth teaching-learning process of the social world both theoretically and empirically.
- To give ample opportunities to understand the self as a social being.
- To enhance the comprehension of the social phenomena involving self and others by underscoring the role of cultural differences.
- To invoke the 'social scientist' within the budding psychologists by presenting the complex debates for rigorous interrogation.
- To conduct practicum as a collaborative learning activity so that a link can be forged between theory and practice.

SYLLABUS OF DSC- 2

UNIT – I (5 Weeks)

Introduction to Social Psychology: Nature, Scope, History, Social Psychology in India, and Current Trends.

UNIT – II (5 Weeks)

Self and Identity in the Social World: Historical Context, Self-awareness and Self-knowledge, Many Selves, Social Identity Theory, Self-motives, Self-esteem, Self-presentation and Impression Management, Self, and Identity in the Cultural Context.

UNIT – III (5 Weeks)

Social Cognition and Attitudes: Social Schemas, Heuristics, Attribution, Attitudes and Attitude Change.

Practical component

PRACTICAL: Practicum: Any 1 practicum based on Unit 2 or Unit 3. Each practicum group will consist of 10-12 students.

Essential/recommended readings

- Baumeister, R.F. & Bushman, B.J. (2018). *Social Psychology and Human Nature*. New Delhi: Cengage Learning.
- Franzoi, S.L. (2009). *Social Psychology* (5th Ed.). New York: McGraw-Hill.
- Hogg, M. & Vaughan, G.M. (2008). *Social Psychology*. Upper Saddle Rives, New Jersey: Prentice Hall.
- Schneider, F.W., Gruman, A., Coultis, L.M. (Eds.). (2012). *Applied social psychology: Understanding and addressing social and practical problems*. New Delhi: Sage publications.

A.C.-22.11.2022
Appendix-10

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

Suggestive readings (if any)

- Baron, R.A., Byrne, D. & Bhardwaj, G. (2010). *Social Psychology* (12th Ed.). New Delhi: Pearson.
- Branscombe, N.R., Baron, R.A., Baumeister, R.F., & Kapur, P. (2019). *Social Psychology*, 14th Ed. New Delhi: Pearson.
- Crisp, R.J., & Turner, R.N. (2014). *Essential Social Psychology*. New Delhi: Sage
- Misra, G. (2009). *Psychology in India: Theoretical and Methodological Developments* (ICSSR Survey of Advances in Research), Vol 4. New Delhi: Pearson.

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
DSC-4: PSYCHOLOGY OF INDIVIDUAL DIFFERENCES	4	3	0	1	12 th Pass	Nil

Learning Objectives

The Learning Objectives of this course are as follows:

- To encourage students to recognize individual differences.
- To impart knowledge of the theories of intelligence and personality.
- To educate the learner with the principles of psychological testing.
- To train students to use psychological tests to measure personality and intelligence.

Learning outcomes

The Learning Outcomes of this course are as follows:

- Developing an understanding of the concept of individual differences.
- Having a comprehensive knowledge of personality theories, and recognizing the role of biology, culture and gender in the development of personality.
- Understanding the various approaches to intelligence and appreciating the diverse frameworks.
- Knowing the principles of psychological testing and its application for the measurement of personality and intelligence.

A.C.-22.11.2022
Appendix-10

SYLLABUS OF DSC-I

UNIT – I (5 Weeks)

Personality: Nature of personality; Approaches: Psychodynamic, Phenomenological-humanistic, Trait, Social-cognitive; Biological foundations of personality; Culture, gender and personality

UNIT – II (5 Weeks)

Intelligence: Psychometric and Cognitive process approaches; Broader conceptions of intelligence; Heredity, environment and intelligence; Extremes of intelligence

UNIT – III (5 Weeks)

Psychological Testing: Defining features of a psychological test; Historical foundations of psychological testing; Reliability, Validity, Norms; Types of psychological tests (Special emphasis on personality and intelligence testing); Applications and Issues

Practical component

PRACTICAL: One practicum using any one psychological test (personality or intelligence test). Each practicum group will consist of 10-12 students.

Essential/recommended readings

- Baron, R. A. & Misra, G. (2014). *Psychology*. Indian Subcontinent Edition. Pearson Education.
- Ciccarelli, S. K., & Meyer, G. E. (2008). *Psychology*. South Asian Edition. Pearson Education.
- Gregory, R.J. (2017). *Psychological Testing: History, Principles, and Applications* (7th Ed.). Pearson Education.
- Murphy, K.R. & Davidshofer, C. O. (2019). *Psychological Testing: Principles & Applications* (6th Ed.). Pearson Education.

Suggestive readings

- Passer, M.W. & Smith, R.E. (2010). *Psychology: The Science of Mind and Behaviour*. Tata McGraw-Hill.

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.