NU | NIIT UNIVERSITY

COURSE HANDOUT

Session: 2025-2026   **Sub Session:** Semester II (Jan-Jun)

Course Name: Fundamentals of Psychology (PSY 301)   **L/T/P/C:**2/0/2/3

Course Incharge: Dr. Ritu Dangwal

Course Faculty:

Dr. Ritu Dangwal (Ritu.Dangwal@niituniversity.in)

Registered Batches:

B.Tech. - ECE 2022 , AI and DS 2024 , BT 2024 , CSE 2024 , ECE 2024

Course Description

The course intends to develop an understanding of the growing discipline of psychology and to enable students in developing skills and competencies needed to meet the challenges of the real world. Understanding data about human behaviour is an important and valuable skill in todays society. Corporates, institutions all use continuous stream of big data to describe and predict human behaviour. Whether studying Cyber security, Artificial intelligence, Internet of Things or any other specialization, it becomes extremely helpful to understand human behaviour and what humans think and act. The syllabus is created keeping in mind the dynamic nature of humans, society and workplace and to inculcate the required competencies in the students to understand and respond to the same efficiently and effectively.

Course Outcomes

S.No.	Description
CO1	Understand the working knowledge of psychological contents, areas and applications of psychology.
CO2	Understand and appreciate the importance of group dynamics and leadership and apply effective communication skills in organizations.
CO3	Apply human behavior basis cognition, learning, personality and social and environmental influences.
CO4	Critically comprehend and analyze situations in real life by studying mental processes of self and others thereby becoming effective individuals
CO5	Ability to evaluate one's own behavior and others so as to maximize one's potential.

Course outcome mapping with Programme Outcomes:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	-	-	-	1	-	-	1	-	2	-	1	1
CO2	-	1	1	2	-	3	1	2	2	-	2	2
CO3	-	-	1	2	-	3	2	2	2	-	2	2
CO4	-	-	-	-	-	1	-	-	3	-	2	-
CO5	1	-	-	1	-	-	-	1	2	2	1	2
Max.	1	1	1	2	-	3	2	2	3	2	2	2

3 is High, 2 is Moderate, 1 is Low, & - is Not Applicable

AC Approved Course Content

The Academic Council approved course content will be filled in this section by the Academic Office.

Tentative Lecture Plan/ Activities

Units	Syllabus Details	Hours required to complete	Course Outcome
1	Introduction to Psychology Nature of Psychology, Definition, goals, scope and methods of psychology,	2	CO1
2	Attention and Perception. Nature, Perceptual processes, laws of perceptual organizations, depth perception, factors affecting perception and Application	2	CO1
3	Learning and Memory. Conditioning, Cognitive Learning, Observation learning. Memory Models, Theories of forgetting	3	CO1, CO3, CO4
4	Motivation and Emotion. Approaches to Understanding, Types of Motives, Theories of Emotion and Application	2	CO1, CO3, CO5
5	Personality and Cognition Personality, Nature of personality, Perspectives on personality: Psychodynamic, Humanistic and social cognitive	2	CO1, CO3, CO4, CO5
6	Intelligence. Concept of intelligence, Approaches to intelligence,Gardner multiple intelligences, Emotional Intelligence, Heredity and Environment	2	CO1, CO3, CO4, CO5
7	Cognition. Concepts and Categorization, Problem Solving and Decision Making	2	CO1, CO3, CO4, CO5
8	Social Psychological, Understanding the Social Being Introduction, Nature and Scope. Methods of studying social behaviour, Observation, Experimental, Case study, Survey, Instrospection, and interview	1	CO1, CO3, CO4, CO5
9	Understanding and evaluating the social world, Social perception, Attitudes and Components and Strategies for Attitude change	3	CO1, CO3, CO4, CO5
10	Social interaction and Influence, Interpersonal attraction, Pro Social Behaviour, Aggression, Social Influence	4	CO1, CO2, CO3, CO4
11	Group Dynamics. Meaning, Nature and Characteristics of Groups, Consequences of belonging	2	CO1, CO2, CO3, CO4
12	Psychology at work Leadership. Definitions and Characteristics of Leadership, Leadership Skills and a Few theories of Leadership	3	CO1, CO2, CO3, CO4, CO5
13	Stress Management. Stress Definitions, Management of Stress	1	CO1, CO2, CO3, CO4, CO5
14	Interpersonal Communication. Interpersonal Communication Introduction, Directions of Communication.	1	CO1, CO2, CO3, CO4, CO5
Total lectures/activities required		**30***	
*Number of lectures/activities may vary.			

Book Details

Text Books

TB1. Saundra, K. Ciccarelli J. Noland, White Adapted by Girishwar, Misra, Psychology, Pearson, India, 5th Edition, 2017, ISBN: ISBN: 9789352861798, 9352861795
TB2. Pareek, U. Understanding Organizational Behaviour, Oxford, India, 3rd Edition, 2011, ISBN-10: 019807073X

Reference Books

RB1. Atkinson, R. L., Atkinson, R. C., Smith, E. E., Bem, D. J. & Hilgard, E. R. (2013). Introduction to Psychology. New York: H. B. J. Inc, ISBN-10 - 0071347097

RB2. Aron, A., Aron, E., & Coups, E. J. (2013). Statistics for Psychology, (6th Ed.). Pearson, ISBN - 13: 9780205258154

RB3. Best, J. W. & Kahn J. V. (2006). Research in education (10th Edition). New Delhi: Prentice Hall of India Pvt. Ltd, ISBN-ISBN-10: 0205458408

RB4. Broota, K.D. (1992). Experimental Design in Behavioural Research. New Delhi: Wiley Eastern, ISBN-10: 0470216417

RB5. Brown D. R. & Harvey D (2012) An Experiential Approach to Organization Development, 7th Ed, Pearson Education, India, ISBN-13: 9780131441682

RB6. Chadha, N.K. (1991). Statistics for Behavioural and Social Sciences. Reliance Pub. House: New Delhi, ISBN-10: 8185047812

RB7. Ciccarelli, S. K., & Meyer, G. E. (2010). Psychology : South Asian Edition. New Delhi: Pearson Education, ISBN: ISBN-10: 9789352861798

RB8. Cronbach, L. J. (1984). Essentials of psychological testing. New York: Harper and Row, ISBN: ISBN-10: 0063502496

RB9. Griffin, R.W. & Moorhead, G. (2009). Organizational Behavior: Managing People & Organizations. New Delhi : Biztantra publishers, ISBN-10: 0538478136

RB10. Morgan, C.T.; King, R.A.; Weisz, J.R. & Schopler, J. (2017). Introduction to Psychology. 7th Edition. New Delhi: Tata McGraw Hill, ISBN-10: 0071347097

Online course work/ Massive Open Online Course/ Open source web material

To be updated

Evaluation Scheme (Theory/ Practical)

Evaluation Component	Exam Month	Exam Duration (in Hrs)	Mode of Examination	Weighted Marks
Attendance	Not Applicable	Not Applicable	Not Applicable	10.00
Assignment 1	January	Not Applicable	Pen-Paper with open book	15.00
Quiz	March	Not Applicable	Pen-Paper	10.00
Mid Semester Examination	March	1.5	Pen-Paper with closed book	25.00
Comprehensive Examination	May	3	Pen-Paper with closed book	30.00
Discussion Forum Participation	Not Applicable	Not Applicable	Not Applicable	10.00

Mode of Practical Exam

Nil

List of Tentative Practical

For every section/topic, there will be practical sessions where students will go to the computer lab and will ask and answer the big questions related to the topic. They will work in groups.

Course outcome mapping with evaluation components:

CO	Assignment 1	Comprehensive Examination	Discussion Forum Participation	Mid Semester Examination	Quiz
CO1	3	1	2	1	2
CO2	-	2	2	3	1
CO3	1	3	2	3	2
CO4	1	3	2	1	2
CO5	-	3	2	1	1
Max.	3	3	2	3	2

Make up Policy

Students who are likely to miss a component of evaluation due to any genuine reason may be given a make-up for that component by the Course In-Charge. The students are required to approach the Course In-Charge immediately for the same before the conduct of the evaluation component. It is the responsibility of the student to approach the Course In-Charge. The Course In-Charge will not allow makeup, if a student approaches 7 days after the evaluation component (Student Handbook R 35).

Plagiarism

We are committed to uphold the standards of academic integrity and honesty. Plagiarism in any form is unacceptable and will be treated seriously (Student Handbook R 49).

Grading Policy

The marks obtained in all evaluation components will be aggregated, and the total will be converted into a letter grade or report in accordance with NIIT University's guidelines. Grading is relative and is generally aligned with the class average. Mid-Semester grades will be announced after the evaluation of the Mid-Semester Examination, as outlined in the Student Handbook (R 40 and R 41).

University Attendance Policy

As per attendance policy of NIIT University. For more details, kindly refer to the attendance policy in the student handbook.

Consultation Hours

All information regarding course will be posted on Nugget. Students are requested to check Nugget for any updates twice a day. The student may approach the Course-In-Charge Monday and Tuesday (Office hours) for any clarification and/or on any day over phone with prior information or removal of their difficulties.