Course code: CP312

Course title: Data Analysis

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| 1. **Course Learning Outcomes: (CLO’s)**
 |
| CLO-1 | **Classify** different statistical tests used in psychological research (C2) |
| CLO-2 |  **Apply**  the statistical tests on SPSS software (C3) |
| CLO-3 |  **Interpret** the results on the basis of APA 7 (C2) |
| CLO-4 |  **Demonstrate** ethics during the data analysis (A2)  |
| CLO-5 | **Conclude** the results of analysis in both quantified and qualitative form as per APA 7 format.(C5) |
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| **Mapping the PLOs with CLO’s** |
|  | CLO 1 | CLO 2 | CLO  3 | CLO 4 | CLO 5 |
| **PLO-1****Cognitive** | **Psychology Knowledge:**  Graduates  will be able to comprehend the core concepts of Clinical Psychology—an ability to describe the manifestation of psychological issues |  |  |  |  |  |
| **PLO-2****Cognitive** | **Conceptualization:**   Graduates can formulate and conceptualize psychological problems according to the Bio-Psych-Social and Spiritual Model with respect to cultural practices |  |  |  |  |  |
| **PLO-3****Psychomotor** | **Basic Assessment Skill Development**: An ability to demonstrate and interpret various assessment modalities. |  |  |  |  |  |
| **PLO-4****Psychomotor** | **Therapeutic Techniques and Implementation**: Graduates will be able to utilize the therapeutic skills and construct the intervention plan |  |  |  |  |  |
| **PLO-5****Affective** | **Communication:**  Graduates will be able to communicate and demonstrate practical verbal and written skills  |  |  |  |  |  |
| **PLO-6****Psychomotor** | **Case studies**: An ability to conceptualize individual clinical cases with diverse ethnic, religious, and cultural backgrounds along with integrated assessment and intervention skills  |  |  |  |  |  |
| **PLO-7****Affective** | **Ethical considerations**:  Graduates will ensure professional ethical guidelines and principles in clinical and community settings. |  |  |  |  |  |
| **PLO-8****Psychomotor** | **Research:** An ability to identify the need for significant indicators of mental health in a collectivistic culture to execute scientific research |  |  |  |  |  |
| **PLO-9****Psychomotor** | **Community Work**:  Graduates will able to engage with different organizations to provide community services including recognition and bridging different resources to fulfill the psychological needs of communities such as marginalized population   |  |  |  |  |  |
| **PLO-10****Psychomotor** | **Mental Health Awareness:**   Graduates will be able to take initiative and design Programs for prevention and promotion of mental health wellness and quality of life in general population. |  |  |  |  |  |
| **PLO-11****Cognitive** | **Lifelong Learning**: Able to develop significant professional goals for life and recognize the importance of psychological skills in their personal and professional lives.  |  |  |  |  |  |

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| 1. **Assurance of Learning and Assessment Items:**

*Specify Assessment Items that will assure student learning through application and achieve objectives of specific PLOs / CLOs* |
| **Assessment Item** | **Application/ Outcomes****PLO / CLO** |
| Quiz 1  | CLO1, PLO1 |
| Assignment 1 | CLO3, PLO 7,8 |
| Mid-term | CLO1,2,3,4,5 , PLO 1,2,7,8 |
| Quiz 2 | CLO2, PLO1,7 |
| Assignment 2 | CLO3, PLO 7,8 |
| Assignment 3 | CLO3, PLO 7,8 |
| Project  | CLO1,2,3,4,5, PLO 1, 3,7,8 |
| Final Exam | CLO 1,2,3,4,5, PLO 1,3,7 |

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| 1. **Assessment Structure and Grading Policy\*:**
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| **Assessment Item(s)** | **Weight (%)** | **When will be assessed** |
| Quizzes | 10 | One before mid and one after mid |
| Assignments | 5 | Throughout the semester |
| Mid Term | 25 | Once a semester |
| Attendance & Class Participation | 5 | Will be assessed in every class |
| Term Project/ Presentations | 15 | Once a semester after mid-term exam |
| Final exam | 40 | At the end of the semester |
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| 1. **Weekly Sessions Plan:**
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|   Week | Course Contents  | CLO | Activity  | Bloom’s Taxonomy Level  | Reference Chapter(s) |
| 1 | Introduction | 1 | Lectures and  discussions | C2 |  |
| 2 | Descriptive Analysis | 1 | Lectures and discussions | C2 |  |
| 3 | Cross tabulation | 1,2 &5 | Lectures, discussions and demonstrations | C2,3,5 |  |
|      4 | Categorization of variables through SPSS  | 2 | Lectures, discussions and demonstrations | C3 |  |
| 5 | Psychometric Analysis (reliability and validity) | 1,2 &5 | Lectures, discussions and demonstrations | C2,3,5 |  |
| 6 | Inferential statistics ( theory and types i.e. parametric & non parametric)  | 1 | Lectures, discussions and demonstrations | C2 |  |
| 7 | Test of association | 1,2 &5 | Lectures, discussions and demonstrations | C2,3,5 |  |
| 8 | Mid-term | 1 &5 | Examination | C2,5 |  |
|       9 | Test of Difference | 1,2 &5 | Lectures, discussions and demonstrations | C2,3,5 |  |
| 10 | Test of Variance | 1,2 &5 | Lectures, discussions and demonstrations | C2,3,5 |  |
| 11 | Regression analysis | 1,2 &5 | Lectures, discussions and demonstrations | C2,3,5 |  |
| 12 | Project work  | 3,4,5  | Practical demonstration | A2,5 |  |
| 15 | Revision  | 1 | Lectures and discussion |  |  |

Course code: CP-308

Course title: Introduction to Interventions

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| 1. **Course Learning Outcomes: (CLO’s)**
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| CLO-1 |  **Explain** the evolution of therapies over time. (C2) |
| CLO-2 | **Demonstrate** therapeutic alliance skills with the client (A2) |
| CLO-3 |  **Analyze** interlinked associated factors to the intervention on the basis of Bio psycho social model  (C4) |
| CLO-4 | **Apply** basic psychological and behavioral therapies. (C3) |
| CLO-5 | **Illustrate** ethics in their clinical practice while applying interventions (A4) |

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| **Mapping the PLOs with CLO’s** |
|  | CLO 1 | CLO 2 | CLO  3 | CLO 4 | CLO 5 |
| **PLO-1****Cognitive** | **Psychology Knowledge:**  Graduates  will be able to comprehend the core concepts of Clinical Psychology—an ability to describe the manifestation of psychological issues |  |  |  |  |  |
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| **PLO-3****Psychomotor** | **Basic Assessment Skill Development**: An ability to demonstrate and interpret various assessment modalities. |  |  |  |  |  |
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| 1. **Assurance of Learning and Assessment Items:**

*Specify Assessment Items that will assure student learning through application and achieve objectives of specific PLOs / CLOs* |
| **Assessment Item** | **Application/ Outcomes****PLO / CLO** |
| Assignment 1 | **CLO-4, PLO4** |
| Assignment 2 | **CLO-5,PLO7** |
| Quiz 1 | **CLO-2,PLO3** |
| Quiz 2 | **CLO-3,PLO2** |
| Quiz 3 | **CLO-4,PLO4** |
| Presentation  | **CLO-1,PLO1** |
| Mid Exam | **CLO-1,2,3** |
| Final Exam | **CLO-1,2,3,4,5** |

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| 1. **Assessment Structure and Grading Policy\*:**
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| **Assessment Item(s)** | **Weight (%)** | **When will be assessed** |
| Quiz | 15 | 3-4 times of semester |
| Assignments | 5 | Thrice in a Semester |
| Presentation | 10 | Once in a semester |
| Class Participation | 5 | Throughout in semester |
| Mid term  | 25 | One-time assessment |
| Final exam | 40 | One-time assessment |
| **Total** | **100** |  |
| **Notes – Norms and Important Class Policies:***(such as submission guidelines, academic honesty, make-up policy, code of conduct)** Attendance below 80% will result in Short-Attendance grade. The participant will not be allowed to sit in the final examination.
* All assignment submission is subject to plagiarism check. Plagiarism score above 15% will render the submission void.
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| 1. **Weekly Sessions Plan:**
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|   Week | Course Contents  | CLO | Blooms taxonomy Level | Reference Chapter(s) |
| 1 | Overview of the CourseIntroductionPsychological Problem Process of Illness | CLO-1 | C2 |  |
| 2 | Revision Step by step discussion (Activity)Self-Management Video  | CLO-4 | C3 | Video  |
| 3 | Presentations on Historical Contributors* Franz Mesmer
* Sigmund Freud
* Ivan Pavlov
* B. F. Skinner
* J. B. Watson
* George Kelly
* Carl Rogers
* Richard Lazarus
* Alfred Adler
* Albert Ellis

Aoran Beck | CL0-1 | C2 |  |
| 4 | Therapeutic AllianceGoals of Therapy  | CLO-2 | C2, |  |
| 5 | Rapport Building Theory & Demonstrations | CLO-2 | C2 | Miltenberger, R. G. (1997). *Behavior modification: principles and procedures.* Brooks/Cole Publishing Company, Inc |
| 6 | Therapeutic Factors (Individual & Group) | CLO-3 | C4 |  |
| 7 | Transference & Counter-transference  | CLO-5 | A4 | Ladany, N., Walker, J. A., Pate-Carolan, L. M., & Evans, L. G. (2008)*. Practicing counselling**and psychotherapy: Insights from trainees, supervisors and clients.* New York: Routledge.  |
| 8 | Reinforcement (Identifying Reinforcers) ExtinctionPunishment & Types | CLO-4 | C3 | Miltenberger, R. G. (1997). *Behavior modification: principles and procedures.* Brooks/Cole Publishing Company, Inc |
|       9 | Differential Reinforcement | CLO-4 | C3 | Miltenberger, R. G. (1997). *Behavior modification: principles and procedures.* Brooks/Cole Publishing Company, Inc |
| 10 | Token Economy | CL0-4 | C3 | Miltenberger, R. G. (1997). *Behavior modification: principles and procedures.* Brooks/Cole Publishing Company, Inc |
| 11 | Relaxation & SD (Orientation)  | CLO-4 | C3 | Ladany, N., Walker, J. A., Pate-Carolan, L. M., & Evans, L. G. (2008)*. Practicing counselling**and psychotherapy: Insights from trainees, supervisors and clients.* New York: Routledge.  |
| 12 | Relaxation & SD (Practice) | CLO-4 | C3 | Miltenberger, R. G. (1997). *Behavior modification: principles and procedures.* Brooks/Cole Publishing Company, Inc |
| 13 | Anger Management | CLO-4 | C3 | Neill. H.O.(2000). Managing Anger |
| 14 | Demonstrations | CLO-4 | C3 |  |
| 15 | Revision & Feedback |  |  |  |