Syllabus of Ph.D. Course (Clinical Psychology) Paper-I and Paper-II, approved by the Board of Studies in Psychiatry in its meeting held on 14-08-2013 for the students, admitted in the academic session 2012-13 in the Department of Psychiatry, JNMC, AMU, Aligarh.

**PAPER-I**

*Unit I - Research Methodology:*

- **Research Planning:** Conception, Hypothesis, Design & Implementation
- **Survey Techniques:** Various tools, Mail Questionnaires, Interview Schedule
- **Experimental Design:** General principles in experimental design, randomization and replication, methods of randomization methods of controlling experimental errors
- **Epidemiological Studies:** Prospective and retrospective studies. Prevalence, incidence, adjusted rates.

*Unit II - Basic Statistics:*

- **Descriptive Statistics:** Central tendency, bivariate, other special measures of association.
- **Probability:** Probability laws, distributions, sampling, sample size statistical inference
- **Non-parametric Statistics:** Central limit theorem
- **Theory of measurement:** Nominal, ordinal, interval and ratio scales. Reliability and validity.
- **Use of Computer Applications and Statistical software** e.g. SPSS:

*Unit III- Psychopathology:*

- Mental health and illness
- Introduction to psychopathology
- Intra psychic theories: Freudian approach, Jungian approach, Adler approach, Ego theories.
- Behavioral theories
- Psychopathology of psychotic-psychiatric disorders
- Psychopathology personality & behavioral disorders
- Psychopathology of geriatric disorders
- Psychopathology of childhood disorders
Unit IV - Psychodiagnosics:

- Principles of Clinical Assessment in Psychiatry
- Test of primary mental functions
- Assessment of personality
- Assessment of cognition
- Neuropsychological tests
- Tests of differential diagnosis
- Tests used for children

Unit V - Descriptive phenomenology:

- Case history taking and mental status examination.
- Signs and symptoms.
Unit I - Mood Disorders (Bipolar Mood Disorders):

- Introduction
- Epidemiology
- Etiology
- Classification
- Clinical Features
- Diagnosis
- Management

Unit II - Depressive disorders:

- Introduction
- Epidemiology
- Etiology
- Classification
- Clinical Features
- Diagnosis
- Management

Unit III - Assessment of Cognitive functions in Mood Disorders:

- Introduction to cognitive functions in Mood Disorders.
- WCS (Wisconsin Card Sorting) Test in Mood Disorders.
- WMS (Wechsler Memory Scale) in Mood Disorders.

Unit IV - Use of questionnaires; ratings scales & other instruments of assessment in Mood Disorder:

- Introduction.
- WHOQOL / YMRS / HAM-D / BDI / SOSAS.

Unit V - Review of Literature / Published work.