

Tantia University

Sri Ganganagar

Ph.D. Course Work Syllabus

Ayurveda (Rachana Sharir)

Maximum Marks-100

Minimum Marks-55

PART-A

Part A- 40 Marks

Total Credits = 4

Total Hours=4x45= 180 Hours

Introduction to Research

Introduction of Research, Research methodology, Defining Research problem and formulation of hypothesis, research design, sampling design, measuring and scaling techniques, methods of data collection.

Pure and Applied Research, Exploring or Formulative Research, Descriptive Research, Diagnostic Research/Study, Evaluation Research/Studies, Action Research, Experimental Research, Historical Research, Surveys, Case Study, Field Studies

Research Ethics: Characteristics and format of research paper, article, thesis writing, review of Related Literature, Purpose of the review, Identification of the related literature. Organizing the related literature.

Statistics

Concept of statistics, relevance in research, parametric and non-parametric data; graphical representation of data: histogram, frequency polygon, ogive and pie chart; Measures of Central Tendency, Correlation, t-test chi square test

Computer Application

Basic and fundamental knowledge of Computer and its Applications. Introduction, Application Area, Operating System, Windows, Office, Internet.

PART-B

Part B- 60 Marks (Subject based)

Total Credits = 6

Total Hours=6x45= 270 Hours

1. Basic principles of Sharira, Purushavichaya, Rashi Purusha, Karma Purusha (Shad Dhatuj Purusha), Chaturvinshati Purusha,

2. Relevant principles described in Sharirsthana of classical text.
3. Koshthanga Shaarira: - Detail etymological derivation of 'Koshtha' and Koshthanga, including detail study of structure.
4. Etymological derivation, description, features, number, types of Srotas.
5. Detail study of each bone with its ossification & applied anatomy
6. Anatomy of brain and spinal cord with clinical aspects
7. Brief introduction to endocrine system with clinical relevance.
8. Importance of surface & radiological techniques in Rachana Sharir.