



**डॉ. बी.आर. अम्बेडकर सामाजिक विज्ञान विश्वविद्यालय**  
**Dr. B.R. Ambedkar University of Social Sciences**  
(State University established by the Government of Madhya Pradesh)

## **Faculty of Social Sciences and Management Studies**



### **Syllabus for Ph. D. Course Work (UGC Regulations 2009/2016)**

in

### **Defence and Strategic Studies**

**2018**



## **Syllabus for Ph.D. Course Work**

### **Defence & Strategic Studies**

#### **Paper-I: Research Methodology (DEF- 711)**

**3+1**

##### **Unit 1 Foundation of Research**

What is Research? : Objectives of Research, Scientific Research, Research and Theory, Conceptual and Theoretical Models, Social Science Research : Meaning and Scope, Objectivity, Limitations of Social Science Research, Ethics of Social Science Research, Types and Methods of Research, Classification of Research, Pure and Applied Research, Exploring or Formulative Research, Descriptive Research, Diagnostic Research/Study, Evaluation Research/Studies, Action Research, Experimental Research, Analytical Study of Statistical Method, Historical Research, Surveys, Case Study, Field Studies

##### **Unit 2 Review of Literature**

Need for Reviewing Literature, What to Review and for What Purpose, Literature Search Procedure, Sources of Literature, Planning of Review work, Note Taking,

**Planning of Research:** The planning Process, Selection of a Problem for Research, Formulation of the Selected Problems, Hypothesis Formation, Measurement, and Research Design/Plan

##### **Unit 3 Sampling**

Sampling Techniques or Methods, Choice of Sampling Techniques, Sample Size, Sampling and Non-Sampling Errors,

**Methods of data collection:** Meaning and Importance of Data, Sources of Data, Use of Secondary Data, Methods of Collecting Primary Data, Observation Method, Experimentation, Simulation, Interviewing, Panel Method, Mail Survey, Projective Technique, Sociometry,

**Tools for data collection:** Types of Data, Construction of Schedules and Questionnaires, Measurement of Scales and Indices, Pilot Studies and Pre-tests

##### **Unit 4 Field work**

The Nature of Field Work, Selection and Training of Investigators, Sampling Frame and Sample Selection, Field Operation, Field Administration,



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**Processing of Data:** Editing, Classification and Coding, Transcription, Tabulation, Introduction to Statistical Software: SPSS, Graphical Representation,

**Statistical Analysis of Data:** Statistical Analysis, Measures of Central Tendency, Measures of Dispersion, Measures of Association/Relationship, Regression and Correlation Analysis, Hypothesis Testing(For Proportion and Means), Test of Significance

### **Unit 5 Report writing**

Types of Reports, Planning of Report Writing, Research Report Format, Principles of Writing, Documentation, Data and Data Analysis reporting in a Thesis, Writing of Report, Typing of Report, Briefing.

### **Books/References:**

Methodology of Research in Social Sciences by O. R. Krishnaswamy and M. Rangnatham  
Himalaya publication House, 2005, ISBN: 8184880936

Research Methodology: Methods and Techniques by C. R. Kothari, New Age International Publishers, ISBN:81-224-1522-9

SPSS online manual



## **Syllabus for Ph.D. Course Work**

### **Defence & Strategic Studies**

#### **Paper-II: Review of Published Research in the Relevant Field**

##### **(Review of Literature) (DEF- 712)**

**3+0**

#### **Unit 1**

**Understanding Review of literature:** Relevance, Approach and Applications; Developing an outline for the literature review; Formulate key questions for a review.

#### **Unit 2**

**Organizing a literature search:** Identify which literature bases to search; Developing the theoretical basis for the Research Question; Searching for, locating and organizing relevant professional literature

#### **Unit 3**

**Conducting the Review:** Abstract relevant information from appropriate studies in a systematic manner; Critically reviewing the literature; Rate the scientific quality of each study and the level of evidence for each question;

#### **Unit 4**

**Synthesizing the Review:** Create evidence tables and summary tables; Interpret the pattern of evidence in terms of strength and consistency; Summarize the studies' findings.

#### **Unit 5**

**Writing the review:** Writing a first draft; Writing references and citations; Obtaining, giving, and making productive use of feedback; the redrafting process; Professional formatting.



## **Syllabus for Ph.D. Course Work**

### **Defence and Strategic Studies**

#### **Paper- III Computer Application (DEF 713)**

**3+0**

##### **Unit 1**

Basic knowledge of application software's in MS- Office with focus on MS-Word- its features and applications related to presentation of text in decent format and saving the same for further use. The practical knowledge of this software should enable the candidate to type and prepare the thesis in a presentable format.

##### **Unit 2**

MS-Excel- construction of worksheet and inserting data according to its characteristics, use of statistical tools and their presentation in the form of charts and graphs.

##### **Unit 3**

MS- Power point – create power point presentation on a topic related to the theme of thesis and use of different presentation techniques.

##### **Unit 4**

Use of SPSS – method of preparing data sheet and entering data according to its characteristics , use of various statistical tools on SPSS.

##### **Unit 5**

Use of Internet for research work and exploring various websites and search engines for collecting quality literature review and secondary data etc. related to thesis work.



## **Syllabus for Ph.D. Course Work**

### **Defence and Strategic Studies**

#### **Paper- IV Advance Course in the Relevant Subject (DEF 714)**

**3+0**

##### **Unit 1 Strategic Studies**

**Strategic Thoughts:** Clauswitz, Machiavelli, Kautilya, Strategic Concept, Deterrence, Dominance, Power, National Power, Alliance, Balance of Power, Strategic Doctrine, No First Use, Limited War, Total war, Delivery system, Nuclear Strategy, American Strategy, Russian Strategy, Indian Strategy, Pakistan Strategy, China and Israel, Strategic security Survey, South Asian Security, South East Asian Security, West Asian Security.

##### **Unit 2 Indias National Security**

**Security Problems of India:** Insurgency in North East, Naxalist Movement, Challenges to Indias Security, Poverty, Corruption, Regionalism, Communalism, Unemployment, Values and Historical Development of Indias Security, National Power of India.

##### **Unit 3 Indian Armed Forces and Wars with Neighbor**

History of Indian Armed Forces- 1748-1947, Wars with Pakistan- 1947, 1965 & 1999, War with China, Reconstitution of Armed Forces – Army , Navy, Airforce, Higher Defence Organisation of India, Defence Mechanism of Indian Armed Forces, Defence Organisation of Indian Armed Forces – Infantry , Armed Courps , Engineers, & signal, Logistic Services.

##### **Unit 4 Global Security**

National Security, Concept, Types, Resent Trends, New World Order, World Peace and Security, WMD (Weapons of Mass Destruction), Missile Defence, Land Mines, Proliferation of Small Arms, Migration and Refugees, Environmental Security, Climate Change, Pollution, Water Security, National and Human Development, Economic Crisis, Energy Crisis, Ethnic Crisis, Food Crisis, Water Crisis, Organized Crime, Terrorism, Money Laundering, Cyber Crime, Human Trafficking.

##### **References –**

1. Paret Peter (Ed), Makers of Modern Strategy from Mechiavelli to Nuclear Age, Oxford, 1996.
2. Palmer Perkins, International Relations, IIIEdn, Scientific Book Agency, Calcutta, 1990.



3. Peter Calvocoress, World Politics since 1945, Coxman, London, 2000.
4. Gilian Youngs, International Relations in Global Age, Polity Press, London, 1999.
5. Bobbit Philip and Others (ed), US Nuclear Strategy: Aredere, New York University Press, New York, 1989.
6. Balylis John, Garnet John, Contemporary Strategy-Theories and Concept, Vol. I, Groom Helm, London, 1987.
7. Clausewitz, On War, (ed) Antol Rapoport, London, 1968.
8. Kangle K B, Kautilya's Arthashastra Bombay University Press, Bombay, 1972.
9. Kadian Rajesh, India and its Army, Vison Publication, Delhi, 1970.
10. Pawel KC, The Indian Army After Independence, 1965.
11. Palit D K, The Lightning Campaign: The Indo Pak War, 1975.
12. Venkateshwaran A L, Defence Organisation in India, India Publication Division, Delhi, 1967.
13. Sing Nagendra, Defence Mechanism of Modern States, India Publication Division, Delhi, 1967.
14. Abyankar M G, Bhartya Shastra sena ugam ani vikas, Pune, 1971.
15. Sinha Amarnath, Bhartya sena Parmpara aur Swarup, Vol. 1, 2 Bihar Hindi Granth Academy, Patna, 1980.
16. Akbar K K, Kargil, Mitali Publication, Delhi, 1999.
17. Juneja V p, Indo Pak War, A New Light Publication, Delhi, 1971-72.
18. Maxwell Neville, India China War, Jaico Publication House, Bombay, 1970.

### **Syllabus for Ph.D. Course Work**

#### **Defence and Strategic Studies**

#### **Paper V**

#### **Comprehensive Viva-Voce (DEF 715)**