

Courses of the Coursework for Ph. D. in the subject of Ancient Indian History, Culture & Archaeology

1. The eligible candidate shall be required to undertake coursework for a minimum period of one semester i.e. 90 lectures.
2. The 1st course i.e. **Research Methodology** will consist of 50 lectures.
3. The 2nd course i.e. **Basics of Computer Application** will consist of 20 lectures.
4. The 3rd course i.e. **Review of Literature** in the relevant subject will consist of 20 lectures.
5. Each course will be of 100 marks.

Course I

Research Methodology (Theoretical)

Max. Marks 100

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| UNIT – I | Fundamentals of Research, its importance and scope. |
| UNIT – II | Selection of Research Problem and planning of research. |
| UNIT – III | Data collection. Library work, manuscripts, private and public collection, field surveys, Explorations, Photography Laboratory work, Application of computer and Statistical methods. |
| UNIT – IV | Identification and formulation of problems and hypothesis.
Methods of Research in Indian History, Bibliography, Footnotes/Citation, Diacritical marks, summarizing, paraphrasing, quotation. |
| UNIT – V | Importance of Library in research work, Significance of Maps, Photographs and illustrations in thesis. |

Course II

Basics of Computer Application (Theoretical & Practical)

Max. Marks 100

UNIT – I **Introduction to Computers**

Basic Terminology of Computers, Computer Generations, Classification of Computers, Input And Output Devices, Central Processing Unit, Computer Memory : Primary And Secondary Storage Devices, Computer Software : (I) System Software (Ii) Application Software (Iii) General Purpose Software, Operating System(OS) :(I) Functions of OS (Ii) Advance Concepts Related To OS – Multiprogramming, Multiprocessing, Multitasking, Spooling, Timesharing, Virtual Memory.

UNIT – II **Preparation of a Document using MS-Word**

Introduction To MS Word- Toolbar, Title Bar, The Ribbon, Creating A New Document, Entering Text, Saving And Printing It, Using Paragraph Tab Options, Using Insert Tab- In Creating Tables, Inserting Picture, Clip Art, Shapes And Chart To A Document, Header And Footer, Page-Formatting- Margins, Orientation, Text Wrapping , Creating A Reference List And Citations, Use of Spelling And Grammar Checks, Auto Correct, Word Count, Comparing or Combining Document, Editing And Reviewing Document, Macros, Mail Merge.

UNIT – III **Use of MS Excel and MS Power point**

Introduction To MS Excel – Spreadsheet or Worksheet Details, Use of Spreadsheet In Research, Data Storing, Various Data Types, Use of Formulae And Functions, Formatting Worksheets - Inserting And Deleting Rows And Columns, Alignment, Creating And Modifying Charts And Graphs, Creating Pivot Table And Pivot Charts, Manipulation And Analysis of Data.

Introduction To MS- Power Point, Features And Functions, Creating And Saving Presentation, Adding Slides To A Presentation, Inserting Animation, Creating Tables And Charts, Customizing Presentation, Running A Slideshow.

UNIT – IV **Introduction to Internet**

Internet And Its Application, World Wide Web (www), TCP/IP, WWW Browsers (Internet Explorer, Google Chrome), Internet Search Engines (Yahoo, Google), Computer Networks- LAN, MAN, WAN, Other Technologies- Mobile Commerce, Bluetooth, Wireless Fidelity (Wi-Fi), Anti-Plagiarism Software, Viruses And Its Types, Protection From Viruses, Firewall; Use of online Sources of Data For Literature Survey.

UNIT – V **Use of Computers in Research in History**

Course III

Review of Literature

Max. Marks 100

Note: The candidate shall review standard relevant texts and research papers in the broad research area.