

**Department of Fine Art  
Aligarh Muslim University  
PH.D. – Syllabus  
Paper – First**

**RESEARCH METHODOLOGY AND COMPUTER APPLICATION**

**Unit I**

**Research: Origin, Evolution and the subject-specific approach**

- 1.1 Origin of the word 'Research', Meaning, Form and Evolution.
- 1.2 Research based on Anthropological studies with reference to mythological and literary sources. Critical and analytical understanding of traditional, Modern and Contemporary art and a comparative and interdisciplinary approach to analyze various movements of art.
- 1.3 Research on the artistic development of the artists who have made a significant contribution to art.

**Unit II**


**The Structure of a Research project**

- 2.1 To identify the scope of a subject to be taken as a research
- 2.2 The elementary structure of a Research work:  
Chapterization, Annotation, Bibliography, Index, Picture Album.
- 2.3 Field work and collection of the relevant material.  
The use of Library, Art Gallery, Museum, and other archival sources.  
Interaction with the Artist, Art Historian, Art Critic or other cultural practitioners.

**Unit III**

**Scientific methodology of research in Visual art**

- 3.1 Unbiased and objective approach to documentation.
- 3.2 To analyze a work of art in its cultural and socio-political context.
- 3.3 To analyze data in the light of Primary and Secondary Sources.

  
**CHAIRMAN**  
Deptt of Fine Arts  
A.M.U., Aligarh



Roll No. 488 (AR)  
 Date 21.9.17

Unit- IV of Paper I  
 Ph.D

**SYLLABUS FOR COMPUTER EXAMINATIONS FOR PH.D. STUDENTS  
 PROVIDED BY COMPUTER CENTRE**

<b>Basics of Computer</b>	What is Computer? Internal architecture of a computer system, Types of computers, capabilities & limitations of Computer System, Application areas & uses of Computers in our daily life. <b>Input and Output devices:</b> Input devices (keyboard, mouse, scanner), Output devices (Printers, VDU, Plotters). <b>Memory and Storage device:</b> Types of memory (Primary, secondary and cache memory), Registers, Floppy Disk, Hard disk, CD ROM, and Pen drives.
<b>MS-DOS Operating System</b>	Introduction To DOS, Internal and external commands. MS Windows Operating System: History, Version, Create a windows shortcut, Change your computer date and time, Create a shortcut within the folder the program resides.
<b>MS Word</b>	Introduction, screen layout, menus, toolbars, Create and open a document, Save, save as and close a document, Working with text (Typing, inserting, selecting, deleting and format text), Page numbering, border layout, alignment, Headers, footers and print, Lists and tables (bulleted and numbered lists, draw and insert a table), Graphics (adding a clip art and add a image and auto shape), Macros (create and using a macro).
<b>MS Excel</b>	Introduction to Spreadsheets, Menus, toolbars, adding worksheets, selecting cells, Moving and copying cells, freeze panes, Formatting cells (dates and times, styles, auto format, formula and functions), Charts (chart wizards, create different types of charts).
<b>MS Power Point</b>	Introduction and design of slide, Design a template and applying a design template, Auto layout, edit a custom slideshow, Bulleted list, numbered list on design template, text box, Slide effects( Action buttons, slide animation, slide transitions, slide show options)
<b>MS Access</b>	Introduction to database, Open create and save a file, Create a table in design view, Data type, Primary key, Adding ,editing, deleting records in a table.
<b>Computer Networking and internet</b>	Introduction a computer network, Types of a network, (LAN, MAN, WAN), Topologies (bus, ring , star, mesh, tree), Introduction and history of internet, Email, Websites, web browsers.
<b>Text Book</b>	Fundamental of I.T. by Md . Ubaidullah Bokhari, Dhanpat rai & co