

PhD Coursework Topics:

1. Philosophical Foundations of Research
2. Approaches to Research: Quantitative, Qualitative and Mixed Methods
3. Research Proposal Writing
4. Overview of the Research Process
5. Method of Data Collection
6. Interview Method
7. Participatory Action Research
8. Case Study Method
9. Focus Group Discussion
10. Literature Review
11. Introduction to Feminist Research
12. What is Research Design?
13. Ethnography
14. Sampling Design
15. Measurement and Scaling Techniques
16. Processing and Analysis of Data
17. Sampling Fundamentals
18. Testing of Hypothesis
19. Testing of Hypothesis: Non-parametric or Distribution-free Tests
20. Analysis of Variance and Co-variance
21. Multivariate Analysis Techniques
22. Chi-square Test
23. Introduction and Uses of SPSS
24. Research and Field Experiences: Issues and Challenges
25. Writing for Research
26. Referencing, Citations and Plagiarism
27. Publishing a Research Paper
28. Writing for Research Proposals.
29. Argumentation: Why it matters?
30. Difference among Opinion, Explanation, Assertion, Fact & Argument
31. Purpose of an Argument
32. Argumentation: Structure and Characteristics
33. Traits of a Researcher
34. Deductive Reasoning
35. Inductive Reasoning
36. Value Judgments
37. Fair Play Principles in Argumentation
38. Steps of Scientific Theorizing Process
39. Informal Logical Fallacies
40. Overview of Design
41. Aspects of Design History in the Context of Contemporary India
42. Design History: Historiography, Forms and Frameworks
43. Post-Colonial Design History in India
44. Design in Visions' in India
45. History of Modernism in India
46. Industrial Revolution and its Early Impact on Design
47. Arts and Crafts Movement
48. History of Sustainable Design
49. Post-Modernism: Understanding Theoretical Approaches in Art and Design

50. Design in General and as Evolving in the World
51. Universal Design Approach to Design and Society
52. Design in Nature: What makes it sustainable and explorative, so it drives Indian Crafts?
53. Design as a Culture-producing Activity
54. Design for Society (with emphasis on equality)
55. Design and Politics
56. Design Thinkers
57. Case Study on Fiber and Loom
58. Design Process
59. Philosophical Approach to Design Research
60. Practical Difficulty of doing Design Research in India, Research in Typology
61. Introduction to Design Research and Universal Design for Bathrooms
62. Role of Fieldwork and Visual Ethnography in Design
63. Kawad Project Case Study
64. Design Research Opportunities and Approaches in the Area of Human Factors and Ergonomics in Occupational Health Sector: Larger Industrial Design Research Practice Perspective
65. Design: Political History of Choices
66. Collaborative Model for Innovation
67. Creativity & Innovation
68. Craft Education in Schools
69. Colour Theory
70. Bamboo Sector India
71. Social Movements in India
72. Crafts, Creativity and Identity
73. Introduction to Key Semiotic Concepts
74. Design Methodology
75. History of Ideas
76. Observation and Design Ethnography: The Relevance for a PhD in Design
77. Artisans, Craftsmen and the Sector
78. Artificial Intelligence & HCI
79. Interaction on AI
80. Dilemmas in Research
81. Problems in Doing Research
82. Semiotics Methodology for Investigation in Research
83. Research in Visual Communication (Photography)
84. What is Quantitative Research?
85. What is Theory and Why is it Important?
86. Measurement and Scaling Techniques
87. Research Strategies: Inductive, Deductive
88. The Questionnaire and the Interview as Tools
89. Introduction to Feminist Research
90. Location of Theory within Research
91. Design Science Research
92. Research Case Study: Communication Design and Visual Languages
93. Research based Case Study
94. Research on Design for Health
95. Research for Visual Communication through Cinema
96. Case Study Presentation on Crafts Study of Arunachal Pradesh
97. Case study Presentation on Coal block and Hand block