

**Navrachana University, Vadodara**  
PhD General Course Work Teaching Schedule Autumn-2023

Day and Date of Session	Session-1 (10 to 11:30pm)	Session-1 (Tentative Topics)	Session-2 (11:30 to 1 pm)	Session-2 (Tentative Topics)	Session-3 (2:00 to 3:30 pm)	Session-3 (Tentative Topics)	Session-4 (3:30 to 5 pm)	Session-4 (Tentative Topics)
Sat, 22 July, 2023	Orientation Programme	Orientation Programme	Prof. Valli Pillai	Meaning, nature, steps, types and characteristics of research	Prof. Vandana Talegaonkar	Philosophical and Sociological foundations of research, Scientific Enquiry	Prof. Jaideepsinh Raulji	Spreadsheet
Sat, 12 August, 2023	Prof. Vandana Talegaonkar	c) Interdisciplinary approach and its implications in various research areas, Research	Prof. Sandip Patil	Pure vs applied research.	Prof. Jaideepsinh Raulji	Spreadsheet	Prof. Jaideepsinh Raulji	Spreadsheet
Sat, 26 August, 2023	Prof. Vandana Talegaonkar	a) Purpose of Research – Exploratory, Descriptive, Causal / Explanatory	Prof. Rishiraj Balwaria	Descriptive; explanatory research.	Dr. Salma Pirzada	Statistical techniques of data analysis-measures of central tendency, dispersion,	Prof. Jaideepsinh Raulji	Spreadsheet
Sat, 9 September, 2023	Prof. Vandana Talegaonkar	b) Positivist, phenomenological and logical inquiry	Prof. Rishiraj Balwaria	Developing the objectives, hypothesis	Prof Valli Pillai	Qualitative and quantitative approaches.	Prof. Anupama Dave	Formulating the Research Problem, Literature Review
Sat, 23 September, 2023	Prof. Parth Pandya	Preparing the research design.	Prof. Valli Pillai	Concept of Population; sampling.	Prof. Dhaval Mehta	Tools of data collection, their types, attributes and uses - questionnaire, Opinionnaire,	Prof. Priyanka Behrani	Ascertaining psychometric features of tools (objectivity, validity, reliability,
Sat, 30 September, 2023	Prof. Nirav Patel	Differentiating interpretation and inferences; Interpreting outcomes of analysis	Prof. Jaideepsinh Raulji	Spreadsheet	Dr. Salma Pirzada	Decision making with hypothesis testing through parametric and non-parametric tests	Prof. Jaideepsinh Raulji	Analysis of qualitative and quantitative data and its presentation with tables, graphs etc.
Sat, 14 October, 2023	Prof. Payal Desai	Use of Thesis writing & Scientific editing tools: Using different text editing and formatting	Prof. Amol Randive	Case Study Based Research	Dr. Jaydeepkumar Mehta	Use of search engines with advanced search tools for data/information	Dr. Jaydeepkumar Mehta	Use of search engines with advanced search tools for data/information
Sat, 28 October, 2023	Prof. Sandip Patil	Ethical issues in scientific Research, (Scientific Conduct), violation of publication ethics	Prof. Pradeep Behra	Use of Statistical tools: SPSS, R Program, etc.	Prof. Pradeep Behra	Use of Statistical tools: SPSS, R Program, etc.	Prof. Pradeep Behra	Use of Statistical tools: SPSS, R Program, etc.
Sat, 11 November, 2023	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday
Sat, 25 November, 2023	Prof. Sandip Patil	Citation and acknowledgement, plagiarism tools, reproducibility and	Prof. Hiral Parikh	Topic - Patent grant process in India, Violation of publication ethics, authorship and contributorship, Identification	Prof. Hiral Parikh	Minitab	Prof. Tejal Gajeria	Structure of a Research Proposal; Synopsis, Research Paper Critical review, Presentation