



One Week Virtual  
Faculty Development Programme (FDP) / Workshop on

# Advanced Research Methodology and Data Analysis

25 - 31 July 2025

**Day-1**  
(25 July 2025)

**Introduction to Research Design,  
Sampling and Data Collection**



**Prof. Debabrata Samanta, Ph.D.**  
Program Head, Dept. of Computing and IT  
RIT Kosovo (A.U.K.)  
Rochester Institute of Technology – RIT  
Global Campus, Kosovo, Europe



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**Day-2**  
(26 July 2025)

**Questionnaire Designing**



**Dr. Heena Joshi**

Associate Professor, Shri Jairambhai Patel Institute of  
Business Management and computer Applications  
Gandhinagar, Gujarat

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Day-3 (27 July 2025)

## Hypothesis Testing in Research



**Dr. Ajay Kumar Chauhan**  
Founder and Chief Consultant  
Research Shiksha

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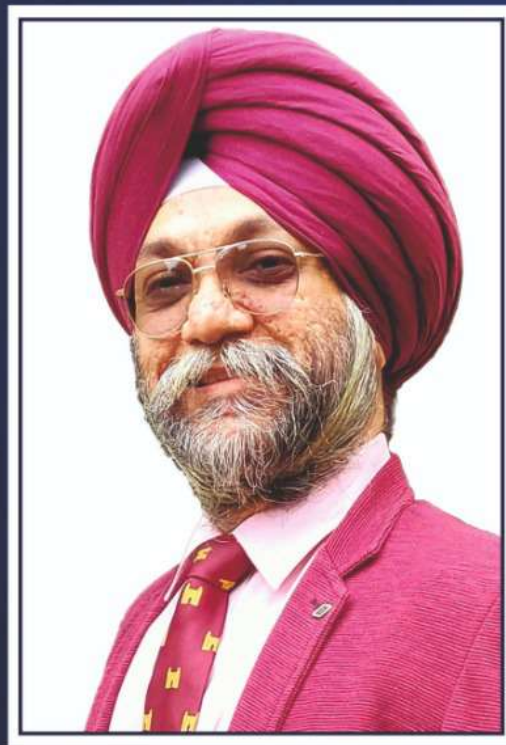


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Day-4 (28 July 2025)

## Regression Analysis



**Prof. (Dr.) Manvinder Singh Pahwa**

Professor, Department of Commerce  
Dr. Harisingh Gour Vishwavidyalaya  
(A Central University), Sagar, M.P

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Day-5 (29 July 2025)

## Factor Analysis & Structural Equation Modelling (SEM)



**Dr. Hitesh Parmar**

Department of Business Management (MBA)  
Sardar Patel University, Gujarat

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Day-6 (30 July 2025)

## Writing High- Impact Research Papers with AI Assistance



**Dr. Jeetesh Kumar**

Head of Research

Faculty of Social Sciences and Leisure Management  
Taylor's University, Malaysia