



UNIVERSITY OF MUMBAI
DEPARTMENT OF PHYSICAL EDUCATION

ORGANISING

ONLINE INTERNATIONAL
WORKSHOP SERIES ON RESEARCH
METHODOLOGY

WORKSHOP LEVEL 1

From 14th March to 24th March 2022

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Hon'ble Vice Chancellor
University of Mumbai



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Head,
Department of Physical Education
University of Mumbai



Resource Person
Dr. D. N. Sansanwal
Former HOD and Dean,
S.O.E, D.A.V.V. Indore, M.P.



Organising Secretary
Dr. Madhuri P. Sadgir
Assistant Professor,
Department of Physical Education
University of Mumbai

Workshop Level-1 Programme Schedule

Day / Dates	Session 1 4.00 to 5.30 PM	Session 2 5.30 to 6.30 PM
Day 1 14/03/2022	Research: Concept, Definition, Characteristics, Types and Steps in short	
Day 2 15/03/2022	Identification of Problem: Variables and its types, Sources of Problem	
Day 3 16/03/2022	Writing of Title for Philosophical Research, Historical Research, Survey Research, Experimental Research and Case Study Research	
Day 4 17/03/2022	Writing of Objectives for Qualitative as well as Quantitative Research	
Day 5 18/03/2022	Formulation of Hypothesis: Definition, Basis, Types, Forms and Wording of Hypothesis	
Day 6 19/03/2022	Testing of Hypothesis: Concept of Degree of Freedom and Level of Significance	
Day 7 21/03/2022	Concept of One Tailed Test and Two Tailed Test; Type – I Error and Type – II Error	
Day 8 22/03/2022	Sampling: Definition of Universe, Population, Sample, Frame, and Sampling, Types of Sampling Technique	
Day 9 23/03/2022	Probability Sampling Techniques: Random Sampling- Title of Research & Objective	
Day 10 24/03/2022	Probability Sampling Techniques: Stratified Random Sampling and Stratified Proportionate Random Sampling - Title of Research & Objective	

Contact: Dr. Madhuri P. Sadgir
Mobile: 9860955477
Email: rworkshopmu2022@gmail.com

Target Participants

Learning centric workshop only for Research scholars, PhD Supervisors, Research Associates