SNDT Women's University, Mumbai

Re-Accredited by NAAC, with A+

Premlila Vithaldas Polytechnic

organizes

ONE DAY SHORT COURSE
under PM-USHA (MERU) PROJECT

on

Research Methodology and Statistical Analysis

August 4, 2025

(Face-to-Face Mode)

Venue

Mini Auditorium, SNDTWU, Juhu Campus, Mumbai

Empowering faculty with essential research skills to drive innovation and quality in higher education.

SNDT Women's University

SNDT Women's University is the First Women's University in India as well as in South-East Asia. The University was founded by Bharat Ratna Maharshi Dr Dondho Keshav Karve in 1916 for a noble cause of Women's Education. The first five women graduated in 1921 from this university. The university headquarter is located at Churchgate Campus, Mumbai and the other four campuses of this University are at Juhu, Mumbai, Karve Road, Pune, Shrivardhan, Ratnagiri, and Chandrapur.

SNDT Women's University stands 32nd amongst multi-disciplinary universities of India and ranked fourth in Western India according to the Week-Hansa Research ranking of 2020.

Premlila Vithaldas Polytechnic

Established in 1976, P. V. Polytechnic is one of India's oldest women's polytechnics. Constituent college of SNDT Women's University, it offers technical diploma as well vocational degree programs and is committed to empowering women through applied education and professional skill-building.

About PM-USHA

The "PM-USHA MERU project" refers to a component within the Pradhan Mantri Uchchatar Shiksha Abhiyan (PM-USHA) scheme, which aims to support the development of Multidisciplinary Education and Research Universities (MERUs) across India by providing funding to upgrade existing state universities and establish them as centers for advanced, multidisciplinary research and education, aligning with the vision of the National Education Policy 2020.

ABOUT SHORT COURSE

This one-day intensive course is designed to enhance faculty research capacity through focused sessions on research methodology, statistical analysis, and academic writing. It enables participants to design robust research frameworks, analyze data using AI and Excel tools, and uphold ethical research standards.

Aligned with NEP 2020 and the PM-USHA (MERU) initiative, the program empowers faculty to lead academic innovation, mentor research initiatives, and strengthen institutional research output.

OBJECTIVES

- Introduce the key concepts and significance of research methodology in higher education.
- Engage faculty with emerging tools, including AI-based platforms and spreadsheet software, to strengthen analytical proficiency and data interpretation.
- Promote responsible research conduct and reinforce academic writing competencies aligned with global publication standards.
- Foster interdisciplinary peer learning and reflective engagement in the context of NEP 2020 and PM-USHA objectives.

OUTCOMES

By the end of the short course, participants will be able to:
- Apply appropriate research designs and methodologies relevant to their disciplinary contexts.
- Formulate research problems, objectives, and hypotheses grounded in academic rigor.
- Utilize Excel and AI-enabled tools to conduct statistical analysis and interpret data effectively.
- Demonstrate advanced understanding of research ethics and academic writing for scholarly publication.
- Contribute to academic discourse through peer collaboration, critical feedback, and reflective participation.

STRUCTURE

The Short Course is designed as a one-day intensive program featuring four expert-led lectures. Each session is 90 minutes in duration and will be delivered in face-to-face mode in the auditorium. The sessions will focus on theoretical clarity, conceptual examples, and interactive Q&A, ensuring participants are actively engaged.

PROGRAMME DELIVERY

The Short Course will be conducted in face-to-face mode through structured expert lectures. Each session will focus on conceptual clarity, real-world examples, and interactive discussions. The course is designed for theoretical learning with audience engagement through Q&A.

TARGET PARTICIPANTS

- National-level participants include Faculty members in Central, State, Deemed to be Universities, Private Universities, Institutions of National Importance, Polytechnics, Colleges and other HEIs.

- Faculty members from HEIs under various Professional Councils (AICTE, NMC, BCI, INC, PCI, ICAR etc.)

- Contractual, Ad-hoc, Guest faculty Teachers, Tutors and Demonstrators in HEIs, wherever applicable.

Registration Fee: Nil

Registration: All participants are requested to fill out the registration form (using a link or QR code) by **August 2, 2025**.

Registration link :   https://forms.gle/ac9wmiC5VJ9FVqqB9

PROGRAMME SCHEDULE
Date: August 4, 2025

Sr. No	Time	Session	Speaker
1	10:00 AM – 10:15 AM	Inauguration & Welcome Address	**Guests, faculty from SNDTWU**
2	10:15 AM – 11:45 AM	Research Methodology Essentials: Design, Problem Formulation & Data Tools	**Professor (Dr) H.T. Jadhav** Dean, Faculty of Science, and Technology, SNDTWU
3	11:45 AM – 01:15 PM	Integrating AI Tools in Statistical Analysis in Research	**Dr. Avinash Dangwani** Ex-Head, Industrial Electronics, Vivekanand Education Society
4	01:15 PM – 02:00 PM	Lunch Break	--
5	02:00 PM – 03:30 PM	Statistical Tool: Conceptual Applications in Research (Excel and Its Power)	**Dr. Anuradha Bhatia** Head of Technology – India Standard Chartered Bank
6	03:30 PM – 05:00 PM	Research Ethics & Academic Writing	**Dr. Srinivasa Rao** Vice Principal, Sardar Patel Institute of Technology
7	05:00 PM – 05:15 PM	Feedback & Valedictory Session	faculty from SNDTWU

GUIDELINES FOR PARTICIPANTS

Travel & Accommodation: No TA/DA will be provided by the organizers. Outstation participants may request accommodation at their own expense, subject to availability.

Refreshments: Tea, snacks, and lunch will be provided by the organizers during the Short Course.

Registration: Registration is free and mandatory for all participants.
Use the official Google Form link to register. Participation is restricted to 30 registered candidates.
Last Date to Register: August 2, 2025

Eligibility: Preference will be given to the faculty members from all disciplines of SNDT Women's University and its affiliated colleges.
Preference will be given to early registrants.

Mode of Programme: The Short Course will be conducted offline at the Mini Auditorium, Juhu Campus, Mumbai.

Certificate of Participation: A certificate will be issued only to those participants who attend all sessions and actively participate in assessments (if applicable). Late entry or early exit may affect eligibility for certification.

Timings & Attendance: Sessions will begin at 10:00 AM and end by 05:15 PM. Attendance in all sessions is mandatory. Participants are advised to be seated 15 minutes before the first session.

CHIEF PATRON

Professor (Dr) Ujwala Chakradeo

Hon'ble Vice Chancellor, SNDT Women's University, Mumbai.

PATRONS

Professor Ruby Ojha

Pro Vice Chancellor, SNDT Women's University, Mumbai.

Professor Vilas Nandavadekar

Registrar, SNDT Women's University, Mumbai.

ADVISORY COMMITTEE

Professor (Dr) H.T. Jadhav

Dean, Faculty of Science, and Technology, SNDTWU

Professor (Dr) Jayashree Shinde

Dean (Addl. Charge), Faculty of Interdisciplinary Studies, SNDTWU

Dr. Mahesh Koltame

Head, Soft Component, PM-USHA (MERU) Project, SNDTWU

Principal (Dr.) Sachin S. Laddha

Premlila Vithaldas Polytechnic, SNDTWU, Mumbai.

PROGRAMME DIRECTOR

Mr. Dinesh Girap

H.O.D Department of Electronics, P V Polytechnic, Mumbai.

PROGRAMME CONVENOR

Ms. Gayatri Gurav

Lecturer, Department of Electronics, P V Polytechnic, Mumbai.

ORGANISING COMMITTEE

Mr. Dinesh Girap: - Chairperson, Principal Investigator

Mr. Vinod Yadav: - Course Coordinator-IPR

Ms. Gayatri Gurav:- Course Coordinator-RM

Dr. Vanita Saharan:- HOD (Additional Charge) Department of Pharmacy

Contact Us

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Premlila Vithaldas Polytechnic

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