



National Workshop

on

***‘Technical Aspects of Research Methodology,
Statistics and Bioinformatics’***

(TARMSB 2025)

06th -07th May 2025

Organised

by

**CENTER FOR COMPUTATIONAL BIOLOGY AND
BIOINFORMATICS, SCHOOL OF LIFE SCIENCES,
CENTRAL UNIVERSITY OF HIMACHAL PRADESH**

in collaboration with

**HIMALAYAN LIFE SCIENCE SOCIETY (HLSS),
CENTRAL UNIVERSITY OF HIMACHAL PRADESH, DHARAMASHALA**



Prof. Pardeep Kumar
Dean Academics



Chief Patron
Prof. S. P. Bansal,
Vice Chancellor



Prof. Sunil Kumar
President, HLSS

About the Workshop:

In the line of Honorable Prime Minister's Skill Development Program for the Unnat Bharat Abhiyan which is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions, the primary objective of this workshop is to introduce the masters and doctoral students to the salient features of Indian research, to provide an overview of qualitative and quantitative research methods with basic knowledge about the application of statistics and bioinformatics design software. This program will be useful for participants to develop their concept in dissertation works.

Program highlights:

- Ethics, types of plagiarism and significance of intellectual property rights in scientific research
- Analytical knowledge of advanced statistical methods and data analysis/tools and techniques,
- Computational intelligence (ML, DL and NGS) & its role in diseases diagnosis and treatment.

Venue: Seminar Hall, Central University of Himachal Pradesh,
Shahpur Campus, Shahpur, Pin-176206

Resource Faculty

Prof. P.R.Sudhakaran,
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Bioinformatics, Kerala University,
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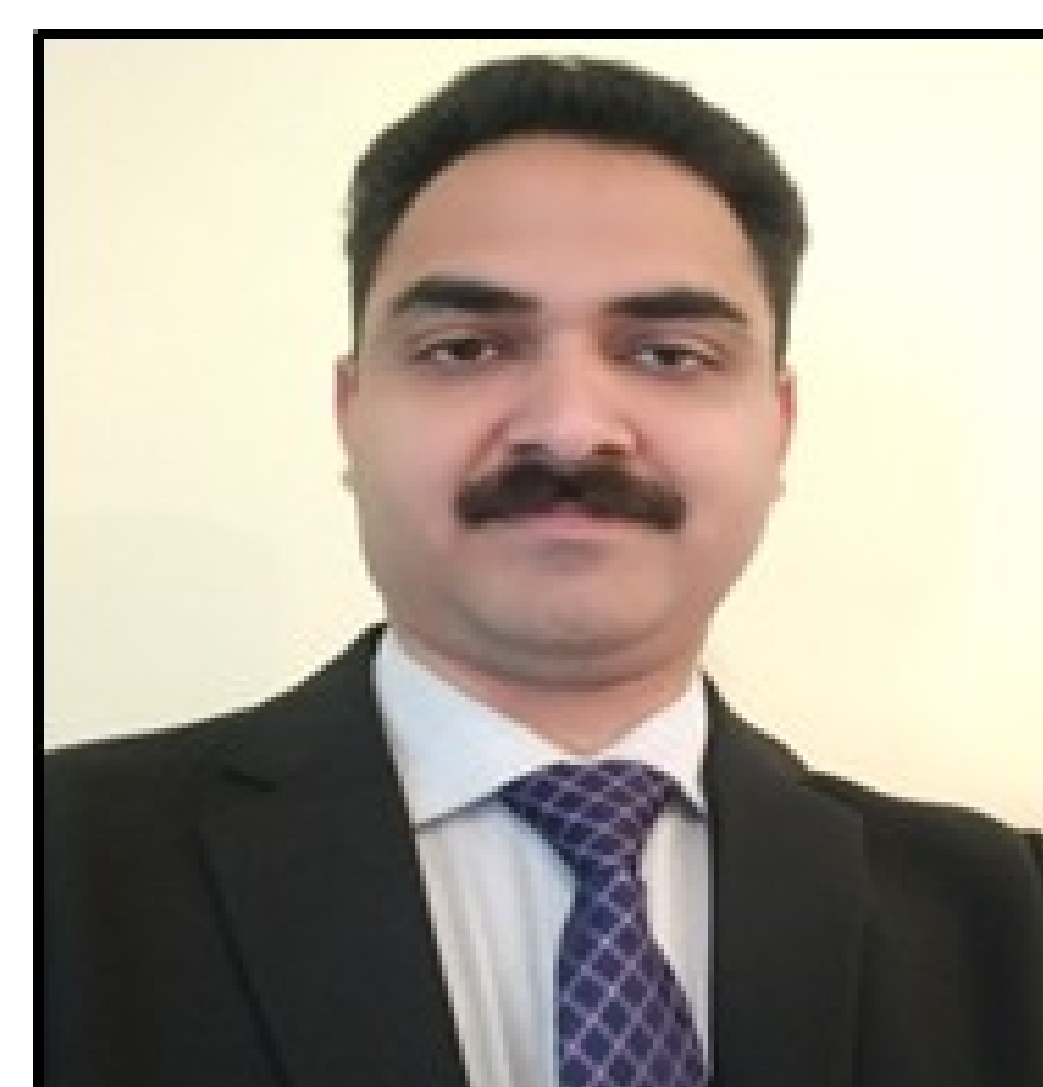
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Programme Schedule

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on

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DAY 1` (Tuesday) **Date 06.05.2025**

10:00-10:05 AM	Lighting of Lamp by Dignitaries	Invocation by Prof. Sat Prakash Bansal , Honourable Vice Chancellor Patron-in-Chief
10:05-10:15 AM	Welcome Address	Prof. Sunil Kumar Head & Dean, School of Life Sciences, President, HLSS
10:15: 10:30 AM	Guest Introduction	Prof. Mahesh Kullaria , Director, CCBB, CUHP
Tea Break		
11:00-11:45 AM	Computer Aided Drug Design and its Future Aspects	Prof. P.R.SUDHAKARAN Emeritus Scientist, Department of CBB, University of Kerala , Kariavattom, Trivandrum
11:45 – 12:30 PM	Novel Aspects on Marine Biology in relation to Genomics (Online)	Dr. Chandini Sidhu , Research Scientist, Max Planck Institute
12:30-01:15 PM	Topic: Intellectual Property Rights, Ethics and Legalities in Research	Dr. Rajesh Kumar , Department of Biosciences, Himachal Pradesh University , Shimla
Lunch Break		
02:30-03:30 PM	Topic: Challenges and Opportunities in Scientific Research	Prof. A.J. Nair , Emeritus Professor Former Head Dept. of Biotechnology, University of Kerala , Kerala
DAY 2` (Wednesday) Date 07.05.2025		
09:15: 10:00 AM	Topic: NGS Analysis and Its Future Aspects	Dr. Indu Kumari , Data Curator, IBDC, RCB , Faridabad
10:00-10:45 AM	Topic: Basic Concepts of Biostatistics in Research Methodology	Dr. Debapriya Garabadu Associate Professor, Department of Pharmacology, Central University of Punjab
10:45 – 11:30 PM	Topic: Beyond the Data: Ethics as the Foundation of Science	Dr. Ankit Saneja , Senior Scientist, CSIR-IHBT , Palampur, HP
11:45-12:30 PM	Valedictory Function	
High Tea		

Core Organising Committee:



Convenor
Prof Mahesh Kulharia



Chairman
Prof. Sunil Kumar



Head, Plant Sciences
Dr. Sachin Upamanyu



Organising Secretary,
Dr. Manorama Patri

Co-convenors:



Dr. Vikram Singh



Dr. Dinesh Lakhanpal



Dr. Sandeep Swargam



Dr. Neha Choudhary

Cordially invites you to be the part of the
National Workshop (TARMSB 2025)

