



**PT. B.D Sharma Post Graduate Institute of Medical Sciences Rohtak
Multidisciplinary Research Unit**

MRU/2026/810-859

Date: 2/5/2026

To

The Principal/ HOD
College/Department of
Pt. B.D. Sharma, PGIMS/UHS/PGIDS
Rohtak


Subject: One Week Online Workshop on "Biostatistics and Survival Analysis" from 21-27 May 2026.

Greeting from Multidisciplinary Research Unit, PGIMS, Rohtak!

It gives us immense pleasure to share with you that Multidisciplinary Research Unit (MRU) Pt. B. D. Sharma PGIMS, Rohtak is organizing One Week Online Workshop on "Biostatistics and Survival Analysis" from 21-27 May 2026. Program Schedule for the same is enclosed herewith.

Registered participants will get Certificates with Credit Hours by HMC India.

You are therefore requested to kindly circulate this information among the faculty members, residents, and students in your department.



Dr. Sanjay Kumar
Professor, Deptt. of Pathology &
Nodal Officer MRU
Pt. B. D. Sharma PGIMS
Rohtak

MRU/2025/860-862

Date: 2/5/2026

A copy is forwarded to the following for information and necessary action:

1. Sect. to Vice Chancellor, Pt. B.D. Sharma UHS, Rohtak, for kind information of the Hon'ble Vice Chancellor, Please.
2. P.A. to Director, Pt. B.D. Sharma, PGIMS, Rohtak, for kind information of the Worthy Director, please.
3. Guard File


Dr. Sanjay Kumar
Professor, Deptt. of Pathology &
Nodal Officer MRU
Pt. B. D. Sharma PGIMS
Rohtak



Online Workshop on Biostatistics and Survival Analysis

Mode: **Virtual**

May 21-27, 2026

Organized by
Multi-Disciplinary Research Unit (MRU)
Pt. B.D. Sharma, PGIMS, Rohtak

&

Science Tech Institute, Lucknow UP, India

(Run by: MKSES Lucknow)

(Registered by : Govt. of U.P & Ordinance No. 21 of 1860, Reg. No. LUC/03140/2019-2020, INDIA)

(Registered by: : Govt. of India , NITI Aayog, Reg. No. UP/2019/0248444)



About Pt. B.D. Sharma, PGIMS, Rohtak

Pt. B.D. Sharma, PGIMS, Rohtak is situated at a distance of about 240 km from Chandigarh and about 70 km from Delhi on Delhi-Hissar-Sirsa-Fazilka National Highway (NH-10). It is the only major Institution for Medical Education and Research and a tertiary care centre for provision of specialized health care services not only to the people of the State of Haryana, but also to those from Punjab, Rajasthan, Delhi and western U.P. The Institute was started under the name of Medical College, Rohtak in the year 1960. For the first three years, the students were admitted to Medical College, Patiala which acted as a host Institution. In 1963, the students were shifted to Rohtak. In the subsequent years, multifaceted expansion measures have transformed the Institute into a fully developed center of Medical Education and research in all the major disciplines of Medicine. In the year 1994, Medical College, Rohtak was renamed as Pt. B.D.Sharma, Medical College, Rohtak and subsequently it was upgraded to a Post Graduate Institute of Medical Sciences in the year 1995. Today Pt. B.D. Sharma, PGIMS, Rohtak is a famous institution not only for medical education but also for the health care facilities both at the National as well as International level.

Science Tech Institute, Lucknow

The STI is one of the premier Educational Institute of Lucknow dedicated to organize various academic activities like Conferences, FDP, seminars, workshops and Training programme and Certificates Course in collaboration with many National & International organizations and Institute have own Publications House and Journals to be publish various fields of books, Research papers and Magazine. STI is run by Manraj Kuwar Singh Educational Society, Lucknow. The Society is working for the development of deprived socio-economic students by providing them quality education.

About the Course:

Biostatistics is a backbone of any health research. It provides insights from research data which can further be used for scientific advancement and betterment of society. This workshop is an attempt to provide a platform to researchers, academicians and industry professionals to enrich their analytical skills using statistical techniques in health research . The workshop will cover important statistical concepts along with analysis of biomedical data.

Objective: The Workshop will explain the fundamental concepts of Biostatistics and Survival Analysis in health. Course materials include video lectures reading/resource materials, example accompaniments, workbooks, lecture handouts. The methodology of the workshop will comprise of: Online lecture, participatory discussion, Demonstrations Problem solving.

Workshop features

- ❖ Gain a comprehensive understanding of biostatistical principles and study design.
- ❖ Perform hands-on data analysis and visualization using SPSS software.
- ❖ Apply correlation, regression, and diagnostic techniques in research. Explore survival analysis through Kaplan–Meier estimation and Cox regression models.
- ❖ Interpret and communicate statistical findings effectively.

Highlights of the Training-

1. **Registered participants will get Certificates with Credit Hours by HMC India.**
2. Study material in the form video recording of all sessions will be provided to all registered participants.
3. **Workshop** by Subject Experts from and other reputed Institute & Universities
4. **Workshop** will be on the Zoom meeting platform.
5. Panel discussion after and before live class.

For further queries, please mail or call us at:

sciencetech487@gmail.com, contact@sciencetechinstitute.com, +918299547952

Date and Time	Course Content
Day- 1 (21 May , 2026) Panel discussion:04:00 PM- 06.30 PM Live class: 06:30 PM- 08.30 PM	<ul style="list-style-type: none"> ❖ Overview of Bio statistical Applications in Medical Research ❖ Study Design: Observational & Experimental / clinical studies ❖ Selection Bias, Randomization, Replication
Day- 2 (22 May, 2026) Panel discussion:04:00 PM- 06.30 PM Live class: 06:30 PM- 08.30 PM	<ul style="list-style-type: none"> ❖ Sampling Techniques in health research ❖ Sample Size Determination using Statulator
Day- 3 (23 Sept , 2025) Panel discussion:04:00 PM- 06.30 PM Live class: 06:30 PM- 08.30 PM	Epidemiological considerations in designing a health research study <ul style="list-style-type: none"> ❖ Measures of disease frequency ❖ Descriptive study designs ❖ Analytical study designs ❖ Experimental study designs ❖ Validity of epidemiological studies
Day- 4 (24 May , 2026) Panel discussion:04:00 PM- 06.30 PM Live class: 06:30 PM- 08.30 PM	<ul style="list-style-type: none"> ❖ Systematic Review and Meta Analysis ❖ Applications of various software for Systematic Review and Meta Analysis
Day- 5 (25 May, 2026) Panel discussion:04:00 PM- 06.30 PM Live class: 06:30 PM- 08.30 PM	Testing of Hypothesis in medical research <ul style="list-style-type: none"> ❖ Null and Alternate Hypothesis ❖ Concept of p-value ❖ Type I and Type II errors ❖ ROC Curve
Day-6 (26 May , 2026) Timing: 06:30 PM- 08.30 PM	<ul style="list-style-type: none"> ❖ Introduction to Survival Analysis
Day- 7 (27 May, 2025) Panel discussion:04:00 PM- 06.30 PM Live class: 06:30 PM- 08.30 PM	<ul style="list-style-type: none"> ❖ Introduction to clinical trials

REGISTRATION & PAYMENT DETAILS

Details of Registration Fees:

1. For Indian Participants : **INR 600/(Non-Refundable)**
2. For Foreigner : **USD(\$) 10/- (Non-Refundable)**

For registration & payment please click on the given link:

https://sciencetechinstitute.com/pgims-rohtak_sti_online-workshop-on-biostatistics-and-survival-analysis -may 26/

Nature of Participants:

Workshop is open for Medical, Dental, Nursing faculties & paramedical , JR/ SR from all Institutions, Colleges, and Universities. SIHFW and Demographers, Epidemiologist from Govt. and Pvt. organization are eligible to apply. Ph.D. Students & Researcher and M.Sc., MBBS & MD, MPT & BPT Paramedical Students from any University or College and all students of the medical, Public health, Science & Social Sciences background are eligible.

Note :

- After Successful registration , the participants will receive a confirmation via email.
- Please keep checking the spam folder of the email as the bulk email sent may end up in the spam folder and report not spam then you will get all email in inbox
- An official group has been made for communication with the participants on “Whatsapp.”

Resource Person

Dr. Atul Juneja Ph.D, MNAMS, Former Scientist F ,& Coordinator Clinical Trials Registry-India (CTRI) ICMR-National Institute of Medical Statistics Ansari Nagar New Delhi (presently National Institute of Research in Digital Health and Data Sciences) With more than 30 years of experience in in Biomedical Research with in handling number of research project since designing to application statistical analysis and use of statistical models and which could contribute to policy implications. supported report writing of the projects. Presented Research findings in more than 75 national and internation conferences. Presently serving as Associate Prof. (Guest) at A & U Tibbia College and Nehru Homeopathic Medical College Govt. of NCT Delhi for Research Methodology and Biostatistics.



Ravinder Singh is medical graduate with doctorate training in public health. He is looking after the areas of mental health, disability, rehabilitation and assistive technologies at ICMR Headquarters (Department of Health Research, Ministry of Health & Family Welfare, Government of India), New Delhi. He completed his Ph.D. (Public Health) on Adolescent Stress from Jawaharlal Nehru University in 2013. He has experience of more than two decades in health research.



Dr. RAJEEV KUMAR MALHOTRA, Senior Scientist (Statistics), Dr BRA IRCH, AIIMS Delhi

Educational Qualification: Ph.D. (Biostatistics) from the Department of Biostatistics and Medical Informatics, UCMS under the University Department of Community Medicine, Faculty of Medical Sciences, Delhi University. 2013

Research and Teaching Experience: More than 25 years of research experience in guiding and statistical analysis of faculty PGs, and PhD students starting from planning to study to the interpretation of study results. Published 1 research articles in National and International journals, wrote two chapters and co-author of a book "Medical Biostatistics". Co-supervisor in the MD thesis for more than 20 students. Co- investigator in various projects. Bio-statistical lectures for radiotherapy MD students and in academic session of the Dr BRA IRCH, AIIMS, Delhi.



Dr. Amit Kumar did his Doctor of Philosophy (Ph. D) from All India Institute of Medical Science, India. Currently he is serving as an Associate Professor and Head of Department of Laboratory Medicine Rajendra Institute of Medical Sciences, Ranchi, Jharkhand, India. He has participated many National and International level workshops & conferences as well as presented his research work in National & International conferences. He has invited as a resource person in National level workshop. His research interests focus on forecasting, Regression analysis.



Dr. Anamika Gulati is an Assistant Professor at the Jawaharlal Nehru University, specializing in Pharmaceutics with a focus on Biomedical Waste management. She holds a Ph.D. from MM University, Ambala, and M .Pharm. from Panjab University, Chandigarh. Dr. Gulati has extensive experience in scientific writing, having worked with Novartis Healthcare Pvt. and Bres Med Health Solutions India Pvt. Ltd., where she managed Multiple projects, conducted systematic reviews and meta-analyses.



Dr. Anup Kumar is, Associate Professor, Department of Biostatistics, & Health Informatics, SGPGIMS, Lucknow has completed his Ph.D. from Banaras Hindu University, Varanasi in the field of Mathematical Modeling of Human Fertility in 2012. Currently his area of interested is Stochastic Modelling, Big Data Analysis, Text Mining and Biostatistics. He has published more than 20 research articles in reputed international and national journal



Dr. Shambhavi Mishra, Assistant Professor in the Department of Statistics, University of Lucknow, since January 2016, has significantly contributed to statistics and biostatistics domains. After earning her Master's in Statistics from Lucknow University in 2011, she worked as a Statistical Fellow in SGPGI's Department of Biostatistics & Health Informatics for three years. She was also a Biostatistician and Data Analyst for the Bill & Melinda Gates-funded Community Empowerment Lab. She represented India at two WHO Data Analysts' Meets in Geneva and one at Stanford School of Medicine, Stanford University, USA.



Chief Patron



Dr. H.K. Aggarwal
Vice Chancellor,
Pt. BD Sharma UHS, Rohtak

Organizing Chairperson



Dr. S.K. Singhal
Director,
PGIMS, Rohtak

Organizing Secretary



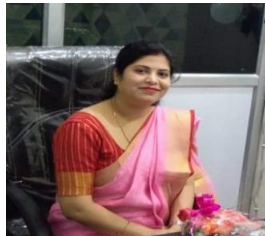
Dr. Sanjay Kumar
Nodal Officer, MRU &
Professor, Department of
Pathology, PGIMS, Rohtak

Workshop Advisor



Dr. Sushil Kumar Shukla
Professor in Statistics
UP University of
Medical Sciences, Saifai
Etawah, U. P.

Chairman



Mrs. Shweta Singh
Governing Body
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Course Coordinator



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