



Maulana Azad National Institute of Technology, Bhopal
Department of Civil Engineering
One Week Online Workshop on
Statistical and Machine Learning Techniques for Analytical Research
Sponsored by TEQIP III
(20th – 24th February, 2021)

About the Workshop

The proposed workshop aims at providing a platform for academicians and researchers for comprehensive understanding of statistical concepts relevant to scientific research and give hands-on experience in applying R and Python in solving research problems. R is a language and environment for statistical computing and graphics. Python is one of the most widely used tool for programming while handling complex research data. It is fast and easy to learn programming in Python and coding towards effective data analysis.

The workshop will cover the major areas like Parametric & Non Parametric Tests, sampling Distribution, Application of Normal curve, Linear Regression Logistic Regression, Time Series Analysis, Decision Trees etc.

Participation fee : Rs. 500 for Academicians and Students

Limited seats are available, on first come first serve basis.

Register Through: <https://surveyheart.com/form/602262ce3d7b32599efa2e61>

Mode of Payment

Account Name : **DIRECTOR MANIT BHOPAL**

Name of Bank : **State Bank of India**

Branch : **MANIT, Bhopal**

Account number : **10020150107**

IFSC Code : **SBIN0001608**

(For MANIT Faculty and Students there is no Registration fee.)

Participants should install software through the link:

For R: <https://cran.r-project.org/bin/windows/base/>

For Python: <https://www.anaconda.com/products/individual>

Organising Committee

Patron

Dr N. S Raghuwanshi
Director, MANIT, Bhopal

Dr. Charu Parashar
HOD Civil Engineering

Dr Rajesh Gupta
TEQIP Coordinator

Workshop Coordinators

Dr. S. K. Katiyar
Mobile No: 9827200561

Dr. Vinita Mohindra
Mobile No: 7000823492
Email: smltr2021@gmail.com

Dr. Varsha Rokade
Mobile No: 9425375147

Maulana Azad National Institute of Technology, Bhopal
(An Institute of National Importance under Ministry of Education, GoI)
www.manit.ac.in