

**Central University of Haryana,  
Jant-Pali, Mahendergarh, Haryana  
(NAAC Accredited 'A' Grade University)**



**One Week Online National  
Workshop on  
Applications of Mathematical  
and Statistical Tools  
(March 20-24, 2021)**

**Organized by**

**Department of Mathematics,  
Department of Statistics, and  
School of Education under Scheme of  
PMMMNTT**

**About the University**

The Central University of Haryana is a Central University established under the Central Universities Act, 2009 of the Parliament. It is one of the 15 Central Universities established by MHRD, GoI under the XIth Five Year Plan (2007-12). The University is fully funded by the UGC. Campus of the University is situated in 488 acres of land at Jant-Pali Villages, Mahendergarh district of Haryana from where CUH is running its academic operations. The University has been awarded with "A" grade in the first cycle of NAAC assessment and Accreditation conducted in March 2017. Presently University offers 72 academic programmes across 36 Departments of studies under 7 Schools.

**About the Departments**

The Department of Statistics and Department of Mathematics were established from the academic sessions 2013-14, 2014-2015, respectively, as a part of the School of Physical and Mathematical Sciences as independent Departments. The aims of these Departments are to provide quality education in the field of Mathematics and Statistics, respectively. These Departments offer M.Sc. and Ph.D. programmes. The Major research areas of the Department of Mathematics are Non-Linear Partial Differential Equations, Complex Analysis, Numerical Analysis, Mathematical Modelling, Topology. The Major research areas of the Department of Statistics are Distribution Theory, Order Statistics, Reliability and Life Testing, Survival Analysis, Bayesian Inference, Scholastic Modelling and Reliability Analysis. Both the Departments have excellent curriculum of M.Sc. programmes. The courses are designed to develop a class of analytic and inferential aptitude among the students through rigorous practical assignments.

**About the School of Education**

School of Education started its academic journey in the year 2017 with two programmes namely M.Ed. and B.Ed. recognized by NCTE. The School of Education is committed towards preparing humane teachers by ensuring quality and excellence in Teacher Education Programmes. Ph.D. in Education was started from academic session 2019-20 and two new programmes- M.P.E.S. and Ph.D. in Physical Education and Sports started from the current Academic Session 2020-21 in the School of Education. School of Education has been sanctioned MHRD Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) and series of academic activities were organized for teachers under this scheme.

**About the Workshop**

The mathematical and statistical tools play an important role in the fields of sciences, engineering, management, humanities, education and allied areas. Recent advancement in application-oriented sciences is compelling the researchers and users for learning and understanding the mathematical and statistical tools for modelling and analysis of the data arising from their experiments. Realizing the need of the hour, the present workshop is aiming to give the orientation and training to the teachers on the mathematical and statistical softwares like R, SPSS, MATLAB, MAPLE, etc. The participants will be exposed to the mathematical and statistical basics, background and fundamentals behind the tools.

**E-Certificate**

At the end of the workshop, the e-certificate will be provided to the participants who have successfully completed all the assignments and attended all the sessions.

## Organizing Committee

**Chief Patron: Prof. R.C. Kuhad**

(Vice Chancellor, CUH)

### Patron

Prof. Deepak Pant, Dean, School of Basic Sciences

### Advisory Board

Prof. Sarika Sharma, SoE

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### Conveners

Dr. Rajesh Kumar Gupta, SoBS

Dr. Pramod Kumar, SoE

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### Co-Conveners

Dr. Surender Singh, SoIAS

Dr. Devendra Kumar, SoBS

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### Program Co-Coordinator

Dr. Manoj Kumar, SoBS

Dr. Arun Kajla, SoBS

### Organizing Members

Dr. Renu Yadav, SoE

Dr. Aarti Yadav, SoE

Dr. Dinesh Chahal, SoE

Dr. Ravinder Singh, SoBS

Dr. Jagjeet, SoBS

Dr. Shah Jahan, SoBS

### Tentative Resource Persons

Prof. Suresh Sharma, PU, Chandigarh

Prof. Vijay Kumar, DDU, Gorakhpur

Dr. Phool Singh, CUH

Dr. Rajesh Kumar Gupta, CUH

Dr. Amit Mahajan, NIT Delhi

Dr. Ashok Jangid, DEI, Agra

## Registration Fee and Requirements

- **This workshop is only for faculty members.**
- Workshop will be conducted through online mode (via google meet/Cisco Webex).
- There is no registration fee.
- No TA/DA will be paid to the participants.
- **Last date of registration is March 19, 2021.**
- **The registration is compulsory, and the online Registration Link is: <http://bit.ly/3rulxm3>**
- The selection of the participants will be on first come first serve basis up to a maximum of 100 participants.
- Participants are required to install following softwares: R, R Studio, SPSS, MATLAB, MAPLE in their laptop/computer before starting the workshop.

## Contact Details

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