

### W E B I N A R O N

# COMPUTATIONAL TECHNIQUES FOR APPLIED SCIENCES



No  
Registration  
Fees

06-07 July, 2020

Organized by:  
Department of Mathematics and Statistics  
CCS HAU, Hisar

## **CCSHAU at a Glance**

Chaudhary Charan Singh Haryana Agricultural University, Hisar is a prestigious institution of agriculture stands among the top 5 SAUs of the country. The research and technologies of the university have proved to be the catalysts in bringing about a noteworthy makeover to the rural way of life. The CCS HAU has been ranked 76 in overall category and 50 in university category as per NIRF Indian Ranking 2018. In recognition of its singular accomplishments in teaching, research and extension, it was bestowed upon with Sardar Patel Outstanding ICAR Institution Award-2016. The other awards/honours conferred upon the University include ICAR Pandit Deen Dayal Upadhyay Krishi Vigyan Protshahan Puraskar-2017 to KVK, Kurukshetra and Haryana Kisan Rattan Puraskar to the University for sustainable agriculture development in the State in 2019.

## **About IDP-NAHEP**

National Agricultural Higher Education Project (NAHEP) has been formulated by ICAR with a total cost of US\$ 165 million (Approx Rs 1100 crores). The project is proposed on 50:50 cost sharing basis between the World Bank and the Government of India, implemented by Project Implementation Unit - National Agricultural Higher Education Project (PIU-NAHEP), ICAR, New Delhi.

CCS HAU, Hisar has been awarded the ICAR-NAHEP project entitled "Strengthening Institutional Capacity to Produce Skilled Professional for Market Driven Agriculture" funded by World Bank and GoI with worth of Rs 24.83 crores in F.Y. 2017-18 under Institutional Development Plan (IDP) of National Agricultural Higher Education Project .



## About the Department

The Department of Mathematics & Statistics has been imparting quality education in Mathematics and Statistics since its inception in 1971. It has three major components viz., teaching, research and consultancy. Besides supporting other disciplines in their research, the department is running its own M.Sc. and Ph.D. program in both Mathematics and Statistics. Advisory services are also provided by the faculty members to research scholars and scientists of the entire university.

## Objectives of the Webinar

The webinar aims at introducing the basics of computational techniques such as Numerical Analysis, Mathematical Modelling of Physical problems and Data Analysis which are being used in different fields of applied science and engineering. After successful completion of the webinar, the participants will be well aware about the fundamental concepts of mathematical programming, algorithms and handling of data. It will help the participants to enhance their analytical and programming skills so that they can produce better results with minimal error. Keeping in view the above, the objectives of the proposed webinar are as under :

- To understand the fundamentals of accuracy, stability and efficiency of Numerical Methods.
- To familiarize with the development of Mathematical Models for a physical problem.
- To know about the recent techniques used for web data handling.
- Applications of Statistics in allied sciences

## Who Can Join

This Webinar is primarily for Students (UG/PG/PhD), teaching faculty of Colleges/Universities and Researchers in any related field. All are cordially invited to be a part of this webinar.

## Speakers/ Experts

- ★ Dr. Poonam Redhu, Asst. Prof.  
Dept. of Mathematics,  
M.D. University, Rohtak

**Topic:** Fundamentals of Numerical Methods

17 June, 2020

- ★ Dr. Isha Dhiman, Asst. Prof.  
Dept. of Mathematics,  
Thapar University, Patiala

**Topic:** Mathematical Modeling

17 June, 2020

- ★ Dr. Neeraj Kumar, Assoc. Prof.  
Dept. of Statistics,  
Amity University, G. Noida

**Topic:** Applications of Statistics in Applied  
Sciences

18 June, 2020

- ★ Dr. Komal Malik, Asst. Prof.  
Dept. of Economics,  
Govt. College Nalwa, Hisar

**Topic:** Web-Data Handling

18 June, 2020

## How to register

- Click the link below to register

➡ <https://bit.ly/comp-tech-appl-sci-webinar>

(Last Date to apply: 05:00 PM, 05 July, 2020 )

- The webinar will be held online through video conferencing on Google meet app/web therefore, please ensure you have good internet connectivity.
- Registration is compulsory. Certificate will be provided to all the participants upon successful completion of the webinar.

**Patron**

**Prof. K. P. Singh**  
**Vice-Chancellor**

**Co-Patron**

**Dr. S. K. Sehrawat**  
**Director of Research**  
**PI (IDP-NAHEP)**  
**CCS HAU, Hisar**

**Organizing Director**

**Dr. Rajvir Singh**  
**Dean, COBS&H**

**Webinar Coordinator:**

**Dr. Manju Singh Tonk,**  
**Prof., and Head**  
**Dept. of Maths & Stats.,**  
**COBS&H, CCSHAU, Hisar**

**Webinar Co-coordinator:**

**Dr. O. P. Sheoran,**  
**Prof., Dept. of Maths & Stats.,**  
**Nodal Officer (IDP-NAHEP)**  
**COBS&H, CCSHAU, Hisar**

**Organizing Committee:**

**Dr. Vikash Siwach, (9569254780) Asst. Prof.,**  
**Dept. of Maths & Stats., COBS&H, CCSHAU, Hisar**

**Dr. Vinay Kumar, (9896221071) Asst. Scientist.,**  
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