SHORT TERM COURSE ON STATISTICAL TECHNIQUES USING R SOFTWARE
9th – 14th December, 2019

REGISTRATION FORM

(Last date for submission of the Registration Form is 5 December, 2019)

1. Name: Mr/.Ms./Dr._____

2. Designation:_____

3. Mailing Address:_____
_____
_____

4. Organization:_____
   Department:_____
   Mobile No:_____
   Email:_____

5. Registration Fee Amount:_____
   DD No:_____
   Date:_____
   Bank:_____

6. Accommodation: Yes/No

Date: (Signature of the Participant)

DD should be drawn in favour of The Director, NIT Hamirpur payable at Hamirpur, H.P.

The application should be sent to:
Dr. Abhishek Singh
Department of Mathematics &
Scientific Computing
National Institute of Technology Hamirpur
Himachal Pradesh – 177005
Contact Nos. (01972) 254101 (O), 9953491369 (Mob)
Email: abhishek@nith.ac.in

Patron
Prof. Vinod Yadava
Director, NIT Hamirpur

Co-Patron-cum-Chairperson
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Head, Department of Mathematics & Scientific Computing

Coordinator
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Co-Coordinator
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Co-Convener
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Dr. Abhishek Singh

Organizing Committee
Dr. Subit Kumar Jain
Dr. Om Prakash Yadav
Dr. Rifaqat Ali
Dr. Nidhi Gupta

Organized by

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Scientific Computing
National Institute of Technology Hamirpur,
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SHORT-TERM COURSE ON STATISTICAL TECHNIQUES USING R SOFTWARE (STCSTR-2019)

9th—14th December, 2019

DEPARTMENT OF MATHEMATICS & SCIENTIFIC COMPUTING NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR 177005 (H.P.)

BACKGROUND: Data science will make its mark on technological developments in this century. It will play a key role in shaping the design of materials, products, systems, and innovations from heavy equipment and energy industry to avionics and healthcare industry. The interest in data is not new. It has accompanied developments in science and engineering practices for centuries. The novelty is in interpreting the information hidden in the data. Therefore, one should have the knowledge of using the right tools and techniques for analyzing the data.

OBJECTIVES: The statistical tools play an important role in the engineering, management, humanities and all allied sciences. Recent advancement in application oriented sciences are compelling the researchers and users for learning and understanding the statistical tools for modeling and analysis of the data arising from their experiments. Realizing the need of the time, the present workshop is aiming to give lectures and training on the statistical modeling. The participants will be exposed to the statistical basics, background and fundamentals behind the modeling. They will also be trained and taught, how to do apply such models through statistical software (R) and how to interpret the outcomes.

COURSE CONTENTS: Introduction and need for statistical tools, data collection, preparation and reporting, basic statistical tools, estimation and testing of hypotheses, linear regression modeling, correlation analysis, exposure to time series analysis, data problem solving, analysis of data, software training.

WHO SHOULD ATTEND: Engineering / Science / Management/ Humanities Students, Researchers, Teachers, Management professionals in R&D, Professional and Practicing Engineers, Scientists in R&D Labs.

REGISTRATON FEES: Registration is compulsory for all the delegates. The registration fee includes boarding & lodging, breakfast, lunch, dinner, refreshment and workshop kit.

Participants from Academia/R&D Labs: Rs. 2,000/-
Participants from Industry: Rs. 4,000/-
Students: Rs. 1000/-

Last Date of Registration: 5th December, 2019

The DD should be drawn in favour of The Director, NIT Hamirpur payable at Hamirpur, H.P.

NO. OF PARTICIPANTS: A maximum of 40 participants will be considered for this training programme. Application will be accepted on first-cum-first serve basis. Participants are encouraged to bring their own laptop and sample data if they have any.

VENUE: The workshop will be held at the seminar hall of the Mathematics & Scientific Computing Department, National Institute of Technology Hamirpur, Himachal Pradesh.

Rail Link: Nearest broad gauge train head is at Una (Himachal Pradesh), at a distance of 80 Kms from Hamirpur. Una is well linked to all parts of India and journey is of nine hours from Old Delhi Railway Station. Taxi/Bus services are available from Una to Hamirpur. To find details about train service from different cities towards Una, visit http://www.indianrail.gov.in/

Road Link: The campus is situated at Anu in Hamirpur district of Himachal Pradesh and is 3 Kms from main bus stand of Hamirpur on (NH-70). The city of Hamirpur is well connected with the rest of the country by road. Hamirpur is at a distance of about 480 Kms from Delhi.

Nearest Airport:

1. Gaggal (Dharamshala) about 80 Kms from Hamirpur

2. Chandigarh about 220 Kms from Hamirpur.

ABOUT HAMIRPUR: Hamirpur is surrounded by various famous temples of historical importance such as Jwalaji, Chintapurni, Chamunda Devi, Deoth Sidh, Baijnath etc. Dharamshala, McLeodganj a hill resort is about 80 kms from Hamirpur. During December the weather is pleasant and temperature is about 20^0C.

SITE SEEING TOURS: Post workshop site seeing tours for the delegates may be arranged on 15th December 2019 as per route mentioned below: Hamirpur-Jwalaji-Chamunda Devi-Dharamsala-McLeodganj and back. An additional nominal fee may be charged on account of this. A minimum of 20 participants is required for each excursion.

ACCOMODATION: Accommodation will be provided in the institute student hostels/guest house on twin-sharing basis for out-station participants.

CERTIFICATE: Certificate will be given to the participants after successful completion of the course.

RESOURCE PERSONS: Faculty members of NIT, Hamirpur, experts from premier institutes like IITs, NITs, ISI, and from central universities will deliver lectures, followed by interactive sessions on the subjects.

DEPARTMENT OF MATHEMATICS & SCIENTIFIC COMPUTING: The department of Mathematics & Scientific Computing came in to existence in August 1, 2009. Previously, this department was a part of Department of Applied Sciences & Humanities, which came in to existence in 1986. The department is supported by potential and devoted faculty members. The research potential of faculties of this department is witnessed through published books, research papers in journals of both national and international repute and sponsored projects funded by various funding agencies such as CSIR, DST, UGC and MHRD. Also, the faculty has the credit of successful guidance of Ph.D. scholars in addition to imparting teaching to B.Tech./B.Arch., M.Tech. & M.Sc. classes of different disciplines. The department is equipped with ultramodern infrastructural, computing and R&D facilities.

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR: The institute came into existence on August 7, 1986 as Regional Engineering College Hamirpur in Hamirpur, Himachal Pradesh, India, it was a joint enterprise of the Government of India and the Government of Himachal Pradesh. On June 26, 2002, the institute was awarded the status of deemed university and upgraded into a National Institute of Technology. As a result of this transition the institute came under the sole purview of the Government of India. It was awarded the status of Institute of National Importance by an Act of Parliament along with other NITs and IITs. NIT Hamirpur has been ranked as best NIT in terms of infrastructure by the World Bank in 2007. The Institute provide Undergraduate, Postgraduate and Doctorate Education in Engineering, Sciences & Humanities; fostering the spirit of national integration among the students, a close interaction with industry and a strong emphasis on research, both basic and applied. For more detail please visit: http://www.nith.ac.in

NB: The filled-in Registration Form should be sent to the Coordinator at following address:

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