e-Short Term Course (e-STC)

on

"Applications of multiple analytical techniques in Research"

15th – 19th January 2024

An Initiative of
National Institute of Technology Hamirpur

Hamirpur, Himachal Pradesh, India

Organized by
Department of Management Studies
National Institute of Technology, Hamirpur
(H.P.) 177005
http://www.nith.ac.in/

Patron
Prof. H. M. Suryawanshi (Director)

Chairman
Dr. Mohd. Adil
(Head, DoMS)

Convener
Dr. Sachin Kumar

Coordinator (s)
Dr. Neeraj Dhiman
Dr. Richa Joshi

Treasurer
Dr. Neeraj Dhiman

Contact:

Coordinator e-STC,
Department of Management Studies
National Institute of Technology,
Hamirpur (HP)
Email: stcnith@gmail.com

Number of Participants
Maximum number of participants is 30 for this e-Short Term Course (e-STC) on first cum first serve basis.
Registration fee is compulsory for all the delegates and is non-refundable.

a) Research Scholars/Students – 200 Rs.
b) Academia– 500 Rs.
c) Industry Persons – 1000 Rs.

Payment Mode: SBI Collect

To pay through SBI collect, select Payment Google>SBI Collect>Agree>Proceed>Himachal Pradesh>Educational Institutions> NIT Hamirpur>Payment Category> Workshop/ STC/ FDP/Conference

After this the participant will fill the google form on the following link for their SBI Collect Receipt No, Name, Date and Amount paid details etc.

https://forms.gle/EdHxrCEudYfFpeVE6

Last date of Registration: 05 January 2024

Resource persons

Faculty from NIT Hamirpur will deliver the lectures.

Certification

Minimum 75% attendance is required to issuing the certificates.

About the institution

The National Institute of Technology, Hamirpur is an Institute of National Importance. The Institute offers B.Tech, M.Tech and PhD programmes in various disciplines of Engineering, Humanities and Sciences.

The Institute is functioning in a vast area of above 250 acres at Anu in Hamirpur district of Himachal Pradesh and is 4 Kms from main bus stand of Hamirpur on Mandi-Jalandhar National Highway (NH-70). The city of Hamirpur is well connected with the rest of the country by road.

Nearest Railway Station: UNA (about 85 Km)
Nearest Airport: GAGGAL (Kangra) (about 85Km)

About the department

The Department of Management Studies offers full time PG degree programme, viz. Master of Business Administration (MBA). Students get the advantage of dual specialization, out of - Human Resource Management, Marketing Management, Operations Management and Financial Management. The Department also offers Ph.D. programmes on stipendiary and non-stipendiary basis for full time and off campus candidates.

The diversity of the curricula offered through the Department provides the students with the foundation skills that can be used not only in the

classroom, but to master challenges in globalized dynamic and competitive markets. This is done through a plethora of channels including lectures, talks, case studies, research projects, group discussion, workshops, seminars, etc. Faculty members possess a blend of academic and professional experience, which facilitates disseminating of knowledge to the students through

both classroom sessions and independent student activities. The faculty is highly qualified with international exposure and motivated to inculcate quest for perfection among the students. Short term Training/Management Development Programmes for industry and faculty are regularly organized by Department of Management Studies with MHRD and AICTE collaboration. The Department has well experienced and dedicated faculty members with different specializations. We have well equipped laboratories with state-of-the-art facilities like servers/workstations, desktops and mobile devices.

About the e-STC

This e-STC would serve as a platform for understanding the applications of research techniques using SPSS, AMOS, Smart-PLS, MATLab, Python, machine learning and sentiment analysis in quality publications. Applying appropriate statistical tests and techniques using these software's adds on value to the research. Organizing such e-STCs are vital to develop a sound analysis logical base of the researchers and academicians. Besides, knowledge creation of the participants this e-STC will also help to increase the visibility of Department and Institution.

Objectives of e-STC

- Understanding basics of Statistical Techniques in research projects/publications.
- To discuss the applications of SPSS, AMOS, Smart-PLS, MATLab, Python, machine learning and sentiment analysis.
- Providing a practical guide to participants in using SPSS, AMOS, Smart-PLS, MATLab, Python, machine learning and sentiment analysis and obtaining results

Topics to be covered

Data analysis and interpretation using SPSS-ANN, Application of cloud computing, big data and data mining in management research, Scale development and validation using AMOS, How to write and publish Systematic literature review papers, Moderation and mediation analysis using AMOS, Introduction to Smart PLS - path modeling, Using Smart-PLS for Path modeling and Higher Order Constructs- repeated indicators approach, Applications of sentiment analysis in Management research, Using Smart-PLS for Path modeling and Higher Order Constructs- Two stage approach, Moderation and mediation analysis using Smart PLS, Basics of Python and its applications in data analysis, Basics of MATLab and its applications in data analysis

Pedagogy

Practical examples using software SPSS, AMOS, Smart-PLS, sentiment analysis and machine learning will be employed along with conceptual lectures in this e-STC.