

REGISTRATION FORM

One Week Short Term Training Programme on "Data Analysis And SPSS Software" October 21-25, 2019

Last date for receipt of registration form: Oct 15, 2019

(The registration form can be downloaded from our website
www. hbtu.ac.in. The Xerox copy can also be used)

Name in Block Letters:

Designation:

Department:

University/ Institute/ College/ Organization:

Address:

E-mail ID:

Contact No.:

Highest Qualification:

Research Interest/ Area:

Are you from a TEQIP network institute?:

Do you want accommodation in HBTU guest house?:

Signature of the Participant

Date:

Signature of Head of the Institution

Date:

Official Stamp:

Patron

Prof. N.B. Singh
Hon'ble Vice Chancellor,
HBTU Kanpur

Coordinator, TEQIP-III

Prof. Raghuraj Singh
Head,

Department of Computer Science & Engineering,
HBTU Kanpur

Convener

Prof. Rekha Bali

Head, Department of Mathematics

& Dean,

School of Basic and Applied Sciences
HBTU Kanpur

Coordinators

Prof. Ram Autar
Prof. Ram Naresh

Department of Mathematics, HBTU Kanpur

Members

Dr. Raghendra Singh

Dr. Shashi Kant

Dr. Swati Mishra

Dr. Ramashray Singh Yadav

Department of Mathematics, HBTU Kanpur

Advisory Committee

Prof. S.U. Siddiqui

Prof. K.M. Mohapatra

HBTU Kanpur

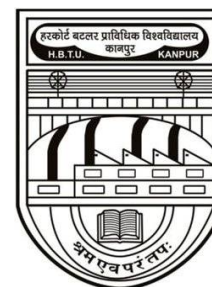
Communication Details:

Please send the scanned copy of filled registration form
to: sttpmath2019@gmail.com

Mobile No.: 7081300545, 7081300544, 7081300530

One Week Short Term Training Programme On "Data Analysis And SPSS Software"

Under
TEQIP-III, World Bank Project
October 21-25, 2019



Convener

Prof. Rekha Bali

Coordinators

Prof. Ram Autar
Prof. Ram Naresh

Organised by

Department of Mathematics
School of Basic and Applied Sciences
Harcourt Butler Technical University
Kanpur-208002, Uttar Pradesh

About H.B.T.U., Kanpur

Harcourt Butler Technical University, Kanpur came into existence on September 01, 2016 by U.P. Govt. Act. No. – 11,2016 as a result of the up-gradation of Harcourt Butler Technological Institute which was established in 1921 as a ‘Government Technological Institute’ by Sir Spencer Harcourt Butler, the first Governor of United Provinces (now Uttar Pradesh) and was renamed as HBTU in 1926. In view of timely realization of need of scientific and technological advancement required for the industrial growth in order to meet the aspirations of society, various post-graduate Diploma, Graduate, Post-graduate and Doctoral programmes in Science, Engineering and Technology were started from time to time for the development of trained scientific, technological and engineering manpower equipped with sound theoretical knowledge, in-depth understanding and practical experience in the area of relevant specialization. It has served the nation for 98 years by its tradition of excellence in technology & engineering education, research and innovations. It is the mother/mentor institution of National Sugar Institute, Kanpur; Indian Institute of Technology, Kanpur; Rajkiya Engineering College, Bijnor; Rajkiya Engineering College, Kannauj and Rajkiya Engineering College Mainpuri.

On academic front, the University is running four Schools: School of Engineering, School of Chemical Technology, School of Basic & Applied Sciences, School of Humanities & Social Sciences with thirteen Undergraduate Programmes in Chemical Engineering, Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics Engineering, Information Technology, Leather Technology, Mechanical Engineering, Biochemical Engineering, Food Technology, Oil Technology, Paint Technology and Plastic Technology along with M.C.A, full time & part time M.Tech. programmes in various disciplines and full time and part time Ph.D. programmes in number of disciplines as part of Quality Improvement Programme of MHRD and TEQIP-III.

About Department of Mathematics

The Department of Mathematics has been striving hard for excellent teaching and research in Mathematical Sciences since its inception in 1961. The undergraduate and postgraduate students of various chemical technology and engineering departments are

enriched/equipped with in-depth theoretical background of sophisticated applied mathematics required for modern scientific investigations and technological developments and practical training in numerical computing by following need-based designed curriculum. The Department offers a doctoral research programme for carrying out research in inter-disciplinary areas.

The faculty of the department is actively engaged in research in emerging thrust areas viz. mathematical modeling, ecological and environmental systems, mathematical biology, biomechanics, fluid mechanics of the eye and cerebrospinal fluid, blood flow dynamics etc. Facilities for interdepartmental and interdisciplinary research activities have also been evolved. The Department is well equipped with computing and internet facilities. A number of research projects sponsored by different organizations like CSIR, CST UP, UGC, DST and ICMR have been completed. Also, various conferences, seminars, workshops, summer and winter schools have been organized by the department. Apart from this, the faculty members of the department also regularly visit to deliver lectures in conferences and seminars outside. The experienced and dedicated team of faculty members have presented/ published good numbers of research papers. Nearly 65 students have been awarded Ph.D. degrees under the supervision of departmental faculty members and at present 07 students are registered for Ph.D. Programme.

Objectives of the STTP

- To use Data analysis tools and techniques
- To use SPSS to analyse data sheets, interpret the output and draw conclusions.

Topics to be covered:

- Data collection, Presentation & Filtration
- Descriptive Statistics
- Probability distributions
- Sampling distributions
- Parameter estimation
- Hypothesis Tests: Parametric and Non-Parametric Tests
- Structural Equation Modelling
- Regression and Correlation Analysis
- Response Surface Method
- Factor Analysis
- Practical Training using SPSS Software.

Registration Fee:

Registration fee as applicable +18% GST is to be paid in form of DD in favor of **Finance Controller, HBTU, Kanpur**, payable at Kanpur.

Delegate Category	Fee
HBTU Participants	Nil
Participants from other TEQIP funded Institutions	Rs. 5,000/- + 18% GST
Participants from Non-TEQIP Funded institutions Faculty members Students	Rs. 2500/- + 18% GST Rs. 1500/- + 18% GST
Participants from Industry	Rs. 10,000/- + 18% GST

Accommodation

The participants have to make their own arrangements for boarding, lodging and transport. However, the limited accommodation is available in the HBTU guest house on first come first serve basis which can be made available to the participants on their personal request. The interested candidates may submit their request in advance.

Who can participate?

The STTP is open for the research scholars/ researchers/ faculty members. However, preference will be given to Ph.D. students pursuing/ interested in “Research Methodology” course. The number of seats are limited to Seventy (70) candidates and registration for the programme will be made on the first come first serve basis. Selected candidates will be informed through email.

Resource Persons

Faculty members from premier institutions/ research organizations will deliver lectures.

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