

Online National Workshop on

“Statistical Computational Techniques Using Python, R and SPSS”

July 18-20, 2020

A Report

School of Studies in Statistics, Pt. Ravishankar Shukla University, Raipur organized a three days online National Workshop on “Statistical Computational Techniques Using Python, R and SPSS” from July 18 to 20, 2020. The Program was inaugurated by Prof. Keshari Lal Verma, Vice-Chancellor, Pt. R.S.U., Raipur. In his speech, Prof. Verma told the Workshop very useful for Data Practitioners and Researchers, especially in Management and Social Sciences.

On the first day, Prof. Suresh Sharma, Panjab University, Chandigarh delivered 3 Lectures (10:00 AM-11:00 AM, 11:30 AM- 1:00 PM & 2:30 PM-4:00 PM) of one and half hours each on the application of SPSS software with a brief introduction of Descriptive Statistics, Sampling Techniques and Hypothesis testing. He discussed Hand-on Practice for the computation of Statistical parameters like measures of Central Tendency, Dispersion, Correlation and Regression. A Lecture on “R Language” was also organised by Prof. A.K. Singh, Indira Gandhi Krishi Vishwavidyalaya, Raipur from 4:30 PM-6:00 PM.

On second day of Workshop, Prof. Suresh Sharma delivered 2 Lectures (10:30 AM-11:00 AM & 11:30 AM- 1:00 PM) on SPSS for computation of Principal components, Factor analysis, Analysis of variance and Co-variance; while Prof. A.K. Singh delivered two lectures (2:30 PM-4:00 PM & 4:30 PM-6:00 PM) on “R” based on such computations.

On third day, 20/7/2020, Prof. Aniruddha Joshi from Savitribai Phule Pune University delivered two lectures (10:30 AM-11:00 AM & 11:30 AM- 1:00 PM) on ‘Python Language’ with Hands-on practice with live examples of Big Data. Prof. A.K. Singh delivered a lecture (2:30 PM-4:00 PM) on ‘R’ and Prof. Diwakar Shukla, Dean, Faculty of Science and Head, Dept. of Computer Science, DR. H.S. Gour University, Sagar (M.P.) shared his view over ‘Big Data Analysis’ from 4:30 PM-5:15 PM.

At last, a Valedictory function was organized at 5:15 PM in the Chief Guesture of Prof. Kallol K. Ghosh, Dean Faculty of Science and Co-ordinator, Outreach Centre, Pt. Ravishankar Shukla University, Raipur. On this occasion Prof. Mitashree Mitra, Pt. R.S.U., Raipur; Prof. G.B. Mishra, Utkal University, Bhubneshwar; Prof. Sanjay Khadakkar, Shivaji College, Akola were present as Special Guest.

There was no registration fee for attending the workshop. About 1000 candidates had registered for participation from all over the India and abroad, out of which about 400 participants attended all the Sessions.

(Dr. Vyas Dubey)

Convenor