

CDSA - 104 Skill Component (Workshop)

Total Credit- 04

Max. Marks- 100

Note: Five days' Workshop will be conducted in face-to-face or in online mode. Typically, the following topics will be covered-

- Introduction to Data Science and Applications.
- Overview of data analytics, and Tools for Data Science.
- Introduction to Programming for Data Science.
- Data preparation and analysis using MS excel, Advance Excel tools for data analysis.
- Introduction to Statistical Package for the Social Sciences (SPSS) for data analysis.
- Understanding Programming, Overview of R programming.
- Qualitative and Quantitative Variables in R.
- The Data Frames and Importing Data in R.
- Overview of Python, Conditional execution, and Iteration in Python.
- Functions in Python.
- Introduction to verbal, Non-verbal Communication, and Telephone & E-Mail Communication.
- Listening, Reading, and Writing Skills.
- Personality, Habits, Behavioural Skills, Presentation Skills, and Interview Skills.