Course title: Applied Quantitative Data Analysis in Development Practice			
Course code: MPD 146	**No. of credits: 3**	**L-T-P: 20-12-22**	**Learning hours: 45**

Pre-requisite course code and title (if any):
- MPD102- Group Practicum - from where students carry their own data sets collected from the field.
- MPD115- Quantitative Approaches & Methods for Development Practice

Department: Department of Policy & Management Studies

Course coordinator(s): Dr Chandan Kumar	**Course instructor(s):** Dr Chandan Kumar

Contact details: chandan.kumar@terisas.ac.in

Course type: Elective	**Course offered in:** 3rd Semester

Course description

The basic premise of this course lies in developing a set of skills among students for quantitative data analysis for programme and policy design. MA-SDP students collect an enormous amount of data while undertaking the course MPD 102, which is designed for a community needs assessment. While some of these data are analysed by the students using basic descriptive statistical methods, hands-on experience in developing a dataset based on the information collected from the community and analysing them using inferential statistical methods help students complete an entire process of an independent study. This training can also be useful in applying such techniques on large-scale datasets such as National Family Health Survey (NFHS), National Sample Survey (NSS), Longitudinal Ageing Study in India (LASI), India Human Development Survey (IHDS), etc. which are already collected by different agencies, and which is widely used in development planning.

Additional Information

This Course outline was prepared by Dr Chandan Kumar and approved in the 55th Academic Council Meeting on 10th August 2023 at TERI School of Advanced Studies, New Delhi.