

**Department of Management & ASH
and
Anveshan Foundation IGDTUW
IGDTUW Campus
Kashmere Gate, Delhi-110006**

**Eight Weeks Online Internship Program - 2022
On
'Data Analytics using Advanced Excel and R'
(June 13 – August 06, 2022)**

In this ever-dynamic world where information is created every minute, the need for the analysis of that data for further insights increases as well. In an environment like this, it is the need of the hour that all individuals are well versed with the skills that would further turn them into industry-oriented and skilled professionals.

In the summer of 2022, Anveshan foundation and Department of Management at IGDTUW, in a collaborative effort with DEXLAB analytics launched a 8 weeks online summer internship programme-” Data analytics using advance excel and R programming”. The course ran from 20th June-15th August 2022.

The sessions were held on zoom and were kept highly interactive and the faculty were extremely helpful and ensured that all the doubts that arise were covered and cleared. The teaching faculty were core industry professionals who helped the students become industry ready and helped them nuance their skills to match with the needs of this highly growth-oriented sector. The team consisted of extremely talented individuals such as Ms. Veda who took sessions on advance excel and carried more than 26 years in the industry and Ms. Somrita Chakroborty who took session regarding R programming.

Students covered tools relating to advance excel and R programming in these 8 weeks and were also given practiced sets regularly to execute and practice all that they were learning regularly.

In advance excel some of the topics that were covered were-estimates and their calculation, pivot tables, IF and lookup functions, criterion and formula-based functions, how to create graphs and charts in excel etc. In R programming topics that were covered consisted of- basics of R and utilisation of its functions, R data structures and reading and writing the data and the utilisation of R functions in practical sets of data. R programming helped the students understand how they can use the language in a way that helps them interact and make sense of the data and a bit of machine learning tools.

This data analytics programme helped the students to make sense of and analyse the vast volumes of information available in the market and utilise it for further growth and development of their skills and decision making. This internship opportunity surely has been a very life changing experience and has added real value for all the participants and has helped them be more industry-oriented individuals who will be an asset to the society.