



DR. C. V. RAMAN UNIVERSITY
KARGI ROAD, KOTA BILASPUR, CG
Department of Social Science (Geography)



IN COLLABORATION WITH

Integrated Institute for Advanced Research and Information
(IIARI)

(MSME, Govt. of India and ISO 9001: 2015 Certified Premier Research & Skilled Course Providing Institute)

Organizes

3 Months Integrated Online Certificate Course
in

Statistical Data Analysis

&

Its Application

(BASIC TO ADVANCE IMPLEMENTATION)

STARTING DATE : 09/04/2022

COURSE TIMINGS (IST):
SATURDAY: 6 P.M. – 8 P.M.
SUNDAY: 6 P.M. – 8 P.M.

COURSE FEES : 4000/- INR

REGISTRATION LINK:

<https://forms.gle/6s5pEJ2kUJYuPTUu8>

About DR. C.V. Raman University, Bilaspur Chhattisgarh

DR.C.V.Raman University established on 3rd November 2006. DR.C.V.Raman University has established itself as a premier world class university in Chhattisgarh and more importantly in central India as the research and education hub of professional courses ranging from diverse fields like Management, Arts, Science, Law, Naturopathy and many more. Located over a vast area in the backward Region of kota bilaspur. The University has transformed the perception of higher education in terms of its quality & accessibility. Established by AISECT group, the sponsoring body. The university was named after the first Nobel laureate of the country DR.C.V.Raman. with quality education being imparted to more than 85000 students, Our principle goal is to develop a new cadre of confident, capable and cultured professionals who are evolved in terms of a skill set and thus, are work ready from day one.

About IIARI

IIARI is a research organisation based on Kolkata. It focuses on integrated studies, program implementation, industry and market research. It mainly covers three domains which include academic development, industrial services and consultancy work. Application of various software, system of geographic information and illustration of different skill development programs are the key motto of the academic counterpart. Innumerable short-term courses are offered here, which provides hands-on training and projects that will help you to explore your interests and sharpen your skills to procure a competitive edge in the workspace.

SCOPE OF THE COURSE

Today is the ERA of data & without a processed data we can't move a single step. On the other hand for the students its necessary to learn the research background in the realm of Data Analysis. So we design this Course to fill this gap & create a bridge between these sectors. This workshop will appeal to those who require an understanding of research Approaches and skills, and importantly an ability to deploy them in their studies or professional lives using Statistical technology also it will be very helpful to those who are pursuing Under-graduate and Post-graduate or in any Research area as this will be a main tool in near future for social wellbeing & Research. This course will help the students as we will focus on their upcoming Professional & Academic Career.

COURSE ELIGIBILITY

Students who are pursuing their under graduate , post graduate degree in any social science, engineering , computer science, data science subjects are eligible for this course. Also the Researchers, Teachers, Professors, IT aspirant can apply for this course.

LEARNING OUTCOMES

At the end of the course, The participants are able to achieve -

✚ Demonstrate the research and analyses process including research method, techniques and evaluation.

✚ To understand how they can use the Quantitative Techniques in their Research and studies.

✚ To pursue the technical education and built a Sustainable Career.

COURSE STRUCTURE

The Integrated 3 Months Certificate Course in "STATISTICAL DATA ANALYSIS & ITS APPLICATION" will be a online course to fulfill our Scope and deliver the learning outcomes. In this course we will cover both the **Theoretical & Practical** Aspect of the Subject.. In these sessions we will also include the **Doubt Clearing Sessions** to help the students. At the end of the Course a **50 Marks MCQ Test** will be conducted by the Authority and upon that the completion Certificate will be awarded.

Course Software: SPSS , R Software, EXCEL

The course will cover –

1. Getting started with R.
2. Basic Syntax .
3. Environment Setup.
4. R Data Types.
5. Introduction to SPSS.
6. Reading and writing in SPSS .
7. Descriptive Statistics using SPSS .
8. Introduction to SPSS plots.
9. Introduction to R graphics.
10. Theory of Correlation & Regression .
11. R-Linear Regression.
12. Normality & Outlier treatment.
13. R-Multiple Regression .
14. Residual Analysis in R & SPSS.
15. Logistic Regression using SPSS.
16. Advanced Data management.
17. Advanced Graphics using R.
18. Probability distributions using R Hypothesis.
19. Modelling techniques PCA.
20. Clustering techniques.

BANK DETAILS -

STATE BANK OF INDIA

ACCOUNT NO. - 39444313624

IFSC CODE - SBIN0005374

NAME - TANUSRI CHAKRABARTY

GOOGLE PAY/PHONE PAY - 7003658026

CONTACT NO – 8961725804 , 9301317547