D Y PATIL UNIVERSITY SCHOOL OF AYURVEDA NAVI MUMBAI

JOINT TRAINING CENTER
MAHARSHI CHARAK AYURVEDA R&D SCHEME

Institute of Applied Statistics — DCS Private Limited

D.Y. PATIL DEEMED TO BE UNIVERSITY SCHOOL OF AYURVEDA
Nerul, Navi Mumbai, Maharashtra

&

INSTITUTE OF APPLIED STATISTICS

LAUNCHED

Certificate Programme On
Data Analysis Using Excel & SPSS

(Two Month Online Certificate Programme - 01 Nov 2023 to 30 Dec 2023)

IN COLLABORATION WITH

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CENTRAL COUNCIL FOR RESEARCH IN AYURVEDIC SCIENCES (CCRAS)

Under

MAHARSHI CHARAK AYURVEDA RESEARCH & DEVELOPMENT SCHEME

Convener

Dr. Mahesh K. Harit
Dean
DY Patil Deemed To Be University
School of Ayurveda
Nerul, Navi, Mumbai, Maharashtra

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Chairperson
Maharshi Charak Ayurveda
Research & Development Scheme
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Institute of Applied Statistics
Kanpur, Uttar Pradesh

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National Coordinator
Maharshi Charak Ayurveda
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Institute of Applied Statistics
Kanpur, Uttar Pradesh

ABOUT US

JOINT TRAINING CENTER, MUMBAI, MAHARASHTRA

The Joint Training Center of Institute of Applied Statistics, Kanpur & DY Patil Deemed To Be University School of Ayurveda, Nerul, Navi Mumbai is established on 11 September, 2023 and conducted its first two days onsite workshop on Introductory course on Research Methodology & Biostatistics on 11 and 12 september, 2023.

The center's primary objective is to offer high-quality education at a reasonable cost through recognized national faculties with years of expertise from many prestigious organizations. Additionally, the center sought to impart statistical expertise to each and every medical professional in Maharashtra and near by areas .

ABOUT THE CERTIFICATE PROGRAMME

This training program focuses on the procedure to do quality research and to develop a better understanding of thestatistics. As a researcher it is mandatory for one to know the basics and have a core idea in order to satisfy the purpose of research and establish an acceptable conclusion yhrough data analysis. This course has given the opportunity to the academicians to enhance the practical knowledge of the data analysis using EXCEL and SPSS, their research skill and understand the methodologies.

WHO SHOULD ATTEND

Academicians, Faculties and Research Scholars of Ayurveda Science and professionals who are interested to learn basics of Statistics and data analysis using EXCEL and SPSS

REGISTRAION
www.iasdcs.com

1180/-INR
Per Participant
(Including 18% GST)

- *Live sessions from 6-7 PM*
- *Recorded Sessions*
- *Self evaluation quizes*
- *Query discussion during every lecture*
- *E-Certificates will be provided to all the participants*

Our Resource Person

Dr. Padam Singh
Former Additional Director General
Indian Council of Medical Research
New Delhi

Dr. Atul Juneja
Former Scientist F
National Institute of Medical Statistics (NIMS)
ICMR, New Delhi

Dr. Indranil Saha
Scientist E
Center on Non-Communicable Disease
Indian Council of Medical Research

Dr. Jiten Kumar Singh
Scientist D
National Institute of medical Statistics
ICMR, New Delhi

Dr. Vineet Kumar Kamal
Scientist D
National Institute of Epidemiology-ICMR
Chennai, Tamil Nadu

Dr. Anil C. Mathew
Professor of Biostatistics
PSG IMS & Research
Coimbatore

Dr. Gayatri Vishwakarma
Head
Department of Biostatistics
Indian Spinal Injuries Centre, New Delhi

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Professor
Department of Psychiatry,
Institute of Mental Health, PGIMS, Rohtak

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Department of Epidemiology Biostatistics
KLE University, Belgaum, Karnataka

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Department of Food Business Management
NIFTEM, Sonipat, Haryana

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Department of Biostatistics
SGPGIMS, Lucknow, Uttar Pradesh

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Assistant Professor
Department of Statistics & Demography
National Institute of Health & Family Welfare

Dr. Nitin Kumar Kamboj
Assistant Professor
Department of Mathematics
DIT University, Dehradun, Uttarakhand

Dr. Atanu Bhattacharya
Lecturer in Medical Statistics
University of Leicester
United Kingdom

Dr. Narendra Tiwari
Assistant Professor
Department of Community Medicine
R.G. Kar Medical College & Hospital, Kolkata

Dr. Dushyant Tyagi
Assistant Professor
Dr. Shakuntala Misra National Rehabilitation
University, Lucknow, Uttar Pradesh

Dr. Ankit Singh
Assistant Professor
Department of Community Medicine
United Medicity, Prayagraj, Uttar Pradesh

SPSS

XLS

Program Schedule - November, 2023

S. No.	Date	Topic	Resource Person
1	01 November, 2023	Foundations of Statistics and Biostatistics: Unlocking Data Insights for Scientific Research	Dr. Padam Singh
2	02 November, 2023	Collection, Classification & Type of Data, Data Collection Tools and Response Structure	Dr. Shubham Pandey
3	03 November, 2023	Data Quality & Its Dimensions	Dr. Indranil Saha
4	06 November, 2023	**Practical Session :** Fundamental of Microsoft Excel	Dr. Nitin Kumar Kamboj
5	07 November, 2023	**Practical Session :** Formulas, Function & Data Analysis ToolPak in Excel	Dr. Dushyant Tyagi
6	08 November, 2023	**Practical Session :** Data Entry, Cleaning, Coding & Master Chart Preparation Using Excel	Dr. Dushyant Tyagi
7	09 November, 2023	Descriptive Statistics –1 (Presentation of Data)	Dr. Atul Juneja
8	16 November, 2023	**Practical Session :** Tabulation & Graphical Presentation of Data using Excel	Dr. Ankit Singh
9	17 November, 2023	Descriptive Statistics –2 (Measures of Central tendency)	Dr. Atul Juneja
10	18 November, 2023	Descriptive Statistics –3 (Measures of Variability)	Dr. Dharmendra Yadav
11	20 November, 2023	**Practical Session :** Descriptive Statistics in Excel	Dr. Ankit Singh
12	21 November, 2023	Normal Distribution & Normality of Data	Dr. Atanu Bhattacharya
13	22 November, 2023	Inferential Statistics –1 (Fundamentals of testing of hypothesis)	Dr. Indranil Saha
14	23 November, 2023	Inferential Statistics –2 (Testing of Difference –Parametric tests)	Dr. Anup Kumar
15	24 November, 2023	Inferential Statistics –3 (Testing of Relationship – Parametric Tests)	Dr. Anup Kumar
16	25 November, 2023	Inferential Statistics –4 (Testing of Relationship – Non Parametric Tests)	Dr. Vineet Kumar Kamal
17	27 November, 2023	Inferential Statistics –5 (Testing of difference – Non Parametric Tests)	Dr. Vineet Kumar Kamal
18	28 November, 2023	**Practical Session :** Parametric Tests using Excel	Dr. Vikas Saxena
19	29 November, 2023	**Practical Session :** Non–Parametric Tests using Excel	Dr. Vikas Saxena
20	30 November, 2023	**Assessment 1**	

Program Schedule - December, 2023

S. No.	Date	Topic	Resource Person
21	01 December, 2023	**Practical Session :** Confidence Interval and Sample Technique, Error in Excel	Dr. Nitin Kumar Kamboj
22	04 December, 2023	Computation and Applications of Correlation	Dr. Atul Juneja
23	05 December, 2023	Basics Concept of Regression	Dr. Anil C. Mathew
24	06 December, 2023	Basic Concept of Linear & Logistics Regression	Dr. Anil C. Mathew
25	07 December, 2023	Basic Concept of Poison & Ordinal Regression	Dr. Anil C. Mathew
26	08 December, 2023	**Practical Session :** Correlation & Regression Analysis using Excel	Dr. Nitin Kumar Kamboj
27	11 December, 2023	**Practical Session :** Fundamental of SPSS	Dr. Indranil Saha
28	12 December, 2023	**Practical Session :** Data Handling in SPSS (Import, Export, Sorting, Merging, Inserting, Splitting, of data)	Dr. Indranil Saha
29	13 December, 2023	**Practical Session :** Data Handling in SPSS (Coding, Generating New Variable, Dummy, Categorical, and Semi-Continues Variables & Replacing Missing Values)	Dr. Dharmendra Yadav
30	14 December, 2023	**Practical Session :** Data Analysis using SPSS (Graphical & Tabular Presentation of Data)	Dr. Dharmendra Yadav
31	15 December, 2023	**Practical Session :** Normality Test using SPSS	Dr. Jang Bahadur
32	18 December, 2023	**Practical Session :** Data Analysis using SPSS (Descriptive Statistics)	Dr. Jang Bahadur
33	19 December, 2023	**Practical Session :** Data Analysis using SPSS (Parametric Tests : Testing of Difference)	Dr. Narendra Tiwari
34	20 December, 2023	**Practical Session :** Data Analysis using SPSS (Parametric Tests : Testing of Relationship)	Dr. Narendra Tiwari
35	21 December, 2023	**Practical Session :** Data Analysis using SPSS (Non-Parametric Tests)	Dr. Jiten Kumar Singh
36	22 December, 2023	**Practical Session :** Data Analysis using SPSS (Correlation Analysis)	Dr. Gaytri Vishwakarma
37	25 December, 2023	**Practical Session :** Data Analysis using SPSS (Regression Analysis : Linear & Multiple Regression)	Dr. Gaytri Vishwakarma
38	26 December, 2023	**Practical Session :** Data Analysis using SPSS (Regression Analysis : Logistic & Conditional Logistic Regression)	Dr. Hitesh Khurana
39	27 December, 2023	**Practical Session :** Data Analysis using SPSS (Regression Analysis : Poison & Ordinal Regression)	Dr. Hitesh Khurana
40	28 December, 2023	**Practical Session :** Data Analysis using SPSS (Regression Analysis : Poison & Ordinal Regression)	Dr. Atanu Bhattacharya
41	29 December, 2023	**Practical Session :** Reliability & Validity Analysis using SPSS	Dr. Atanu Bhattacharya
42	30 December, 2023	**Assessment 2**	

JOINT TRAINING CENTER - MUMBAI

DY Patil Deemed To Be University School of Ayurveda, Navi Mumbai

&

Institute of Applied Statistics Kanpur, Uttar Pradesh

In Collaboration with

Central Council for Research in Ayurvedic Sciences Ministry of AYUSH, Government of India, New Delhi

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PROGRAM COORDINATORS:

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