

Three Days Offline Workshop
On
Statistics and Data Handling through Excel and SPSS
(for the Faculty Members/Research Scholars)
CDS, Department of Economics,
Department of Statistics & Department of Zoology
Rajiv Gandhi University
18th to 20th May, 2022

Part – I Organising Committee

Chief Patron

Prof. Saket Kushwaha

Vice-Chancellor

Rajiv Gandhi University

Patron

Prof. Amitava Mitra

Pro Vice-Chancellor

Rajiv Gandhi University

Patron

Dr. N.T. Rikam

Registrar

Rajiv Gandhi University

Convener

Prof. Vandana Upadhyay

Head, Department of Economics, RGU

Coordinator, Department of Statistics, RGU

Coordinator, Center for Development Studies, RGU

Organizing Secretaries

Dr. Pankaj Kumar

Associate Professor

Department of

Zoology, RGU

Dr. D.B. Gurung

Assistant Professor

Department of

Economics, RGU

Dr. P.B. Baruah

Assistant Professor

Department of

Economics, RGU

Dr. N. Vikimchandra Singh

Assistant Professor

Department of Statistics



RGU

Part – II Workshop: Three Days Offline Workshop On Statistics and Data Handling through Excel and SPSS

2.1: Objectives:

The use of statistical tools and techniques for qualitative research is found to be enormous in recent times. A clear understanding of the theoretical issues and the skill of operating the software are two significant requirements for proper use of such tools and techniques. With this backdrop, the aim of the workshop is to provide a proper understanding of some of the important statistical tools and techniques and for enhancing the skill in handling of software.

2.3: Details of the Resource Persons:

	<p>Prof. Gyan Prakash Singh has been experienced for 29 years (9 years in the Govt. of UP as Investigator/Statistical Inspector (1990-1999), and more than 20 years as a teaching faculty (Allahabad Degree College, University of Allahabad (1999-2007), Institute of Medical Sciences, BHU (2007-2017), and Dept. of Statistics (2017-till date). He published over 65 papers and two books, as well as giving over 200 invited lectures at universities and institutes across the country. Further, he was nominated by the Hon'ble President of India as a Court Member of the University of Hyderabad for three years in 2018. Presently, he is a member Advisory/Expert committee for Physical Sciences, Dept. of Science & Technology, Govt. of Uttar Pradesh.</p>
	<p>Dr. Ningthoukhongjam Vikimchandra Singh is a young and dynamic faculty in the Department of Statistics, Rajiv Gandhi University, Rono Hills, Arunachal Pradesh. His areas of research interest are Spatial Statistics, Spatio-Temporal Statistics, Disease mapping, etc.</p>

2.4: Sponsoring Agency: **CDS, Department of Economics**, Rajiv Gandhi University

2.5: **Expenditure Incurred:** Rs.112,860 (Rupees one lakh twelve thousand eight hundred sixty only)

Part – III Session-wise Details

3.1: Inaugural Session

<p>Three Days (offline) workshop on</p> <h2 style="color: #00AEEF;">Statistics and Data Handling through Excel and SPSS</h2> <p>(for faculty members and Research Scholars)</p> <p>Jointly organised by</p> <p style="color: #008000;">CDS, Department of Economics, Department of Statistics and Department of Zoology</p> <p>Rajiv Gandhi University</p> <p>18th to 20th May, 2022</p> <p style="text-align: center;"><u>Invitation</u></p> <p>Inaugural Programme</p> <p>Chief Guest: Prof. Saket Kushwaha, Vice- Chancellor, Rajiv Gandhi University</p> <p>Guests of Honour</p> <p>Prof. Amitava Mitra, Pro Vice chancellor, Rajiv Gandhi University</p> <p>Prof. Sarit Kumar Chaudhuri, Dean, Faculty of Social Sciences, Rajiv Gandhi University</p> <p>Date: 18-05-2022</p> <p>Time: 9.30 am to 11.00 am</p> <p>Venue: Conference Hall, Department of Economics</p>	
<p>Programme</p> <p>9.30 AM – 9.35 AM</p> <p>9.35 AM – 9.40 AM</p> <p>9.45 AM – 9.50 AM</p>	<p>Welcome Address by Prof. Vandana Upadhyay, HOD, Department of Economics</p> <p>Felicitation of the Guests</p> <p>A few words by Prof. S. K. Nayak, Department of Economics</p>

9.55 AM – 10.00 AM	Speech by Prof. Gyan Prakash Singh , Department of Statistics, Banaras Hindu University, Resource Person of the workshop
10.00AM – 10.05AM	A few words by Prof. Sarit Kumar Chaudhuri , Dean, Faculty of Social Sciences, Rajiv Gandhi University
10.05AM –10.15AM	Speech by Dr. N. T. Rikam the Registrar, Rajiv Gandhi University
10.15AM – 10.25AM	A few words by Prof. Amitava Mitra , Pro Vice chancellor, Rajiv Gandhi University
10.25AM – 10.35AM	Address by Prof. Saket Kushwaha , Vice Chancellor, Rajiv Gandhi University
10.35AM – 10.45AM	Vote of Thanks by Dr. N. Vikimchandra Singh , Assistant Professor, Department of Statistics
10.45 AM	Refreshment

3.2: Detail Programme:

Tentative Schedule					
Date & day	9.30-11.00	11.00-12.30	12.30-1.30	1.30-3.00	3.00-4.30
18-05-2022 (Wednesday)	Description & Exploratory analysis	Basic Probability distributions	Lunch	Hands on Session (Preparing frequency distribution, chart, measure of central tendency, dispersion, skewness, kurtosis, idea of outlier, idea of normal distribution etc.)	
19-05-2022 (Thursday)	Correlation and Different types of Regression analysis	Test of Significance for qualitative and quantitative variables	Lunch	Hands on Session (Parametric and Non-parametric correlation, simple regression, multiple regression, non-linear regression convertible to linear, checking of assumptions of linear regression, test of significance of means, proportions)	
20-05-2022 (Friday)	ANOVA	Hands on Session (Testing of equality of several means and validation of assumptions)	Lunch	Factor Analysis	Hands on Session (Understanding of dimension of data and its dimension reduction, generating index, naming factor variables etc.

3.3: Valedictory Session:

Three Days (offline) workshop on

Statistics and Data Handling through Excel and SPSS

(for faculty members and Research Scholars)

Jointly organised by

CDS, Department of Economics, Department of Statistics and Department of Zoology

Rajiv Gandhi University

18th to 20th May, 2022

Invitation

Valedictory Programme

Chief Guest: **Prof. Amitava Mitra**, Pro Vice- Chancellor, Rajiv Gandhi University

Guests of Honour

Prof. Sarit Kumar Chaudhuri, Dean, Faculty of Social Sciences, Rajiv Gandhi University

Date: **20-05-2022**

Time: **4.00 PM**

Venue: **Conference Hall, Department of Economics**

Programme

4.00 PM – 4.05 PM	Welcome Address by Prof. Vandana Upadhyay , HOD, Department of Economics
4.05 PM – 4.10 PM	Felicitation of the Guests
4.10 PM - 4.15 PM	A few words from the participants
4.15 PM - 4.20 PM	A few words by Prof. S. K. Nayak , Department of Economics
4.20 PM – 4.25 PM	Speech by Prof. Gyan Prakash Singh , Department of Statistics, Banaras Hindu University, Resource Person of the workshop
4.25 PM – 4.30 PM	A few words by Prof. Sarit Kumar Chaudhuri , Dean, Faculty of Social Sciences, Rajiv Gandhi University
4.30 PM – 4.35 PM	Speech by Dr. N. T. Rikam the Registrar, Rajiv Gandhi University
4.35 PM – 4.40 PM	A few words by Prof. Amitava Mitra , Pro Vice chancellor, Rajiv Gandhi University
4.40 PM – 4.45 PM	Distribution of participation certificates
4.45 PM – 4.50 PM	Vote of Thanks by Dr. Pankaj Kumar , Associate Professor, Department of Zoology
4.50 PM	National Anthem
4.55 PM	Refreshment

4.1: Academic Outcome:

Participants admitted that they had learnt a lot during the workshop; which would help them in their future research. They demanded that more such workshops of longer duration should be conducted in future.

Part – V Annexure


5.1: Brochure / Leaflet and Schedule Schedules:

Three Days Offline Workshop
On

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18th to 20th May, 2022



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Rajiv Gandhi University

Patron
Dr. N.T. Rikam
Registrar
Rajiv Gandhi University

Resource Person
Prof. Gyan Prakash Singh
Department of Statistics
Banaras Hindu University (India)

Assisted by
Dr. N. Vikimchandra Singh
Assistant Professor
Department of Statistics, RGU

Convener
Prof. Vandana Upadhyay
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**Dr. N. Vikimchandra
Singh**

Assistant Professor
Department of Statistics
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About the workshop:

The use of statistical tools and techniques for qualitative research is found to be enormous in recent times. A clear understanding of the theoretical issues and the skill of operating the software are two significant requirements for proper use of such tools and techniques. With this backdrop, the aim of the workshop is to provide a proper understanding of some of the important statistical tools and techniques and for enhancing the skill in handling of software. The **THREE** days offline workshop on “**Statistics and Data Handling through Excel and SPSS**” will be held during **18th to 20th May, 2022** for Faculty Members and Research Scholars.

How to apply: Interested faculty/research scholars may submit the filled-in application form using the link <https://forms.gle/oMEB2hi9Sa2LCw86A>. Around 30 participants will be selected for the workshop. The last date of submission of application form is 13th May, 2022.

Contact: ningthoukhongjam.singh@rgu.ac.in, 9856335251/ 7085406662

Tentative Schedule					
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20-05-2022 (Friday)	ANOVA	Hands on Session (Testing of equality of several means and validation of assumptions)	Lunch	Factor Analysis	Hands on Session (Understanding of dimension of data and its dimension reduction, generating index, naming factor variables etc.)

Inaugural Function on 18-05-2022 at 9.30-10.00 am
Valedictory session on 20-05-2022 at 4.00 pm.

5.2: List of Participants:

	Name (Block Letter)	Designation	Gender	Department	University/Institute
1	NATI TABA	Research Scholar	Female	Zoology	Rajiv Gandhi University, Doimukh
2	PISA BENI	Ph.D Scholar	FEMALE	ZOOLOGY	RAJIV GANDHI UNIVERSITY, Doimukh-791112 (A.P)
3	KRISHNAKSHI MISRA	Research scholar	Female	Zoology	Rajiv Gandhi University, Arunachal Pradesh
4	Apoli Misaya	Ph.D Scholar	Female	Zoology	Rajiv Gandhi University
5	PRANAYA RAI	PhD research scholar	Male	Psychology	Rajiv Gandhi University , Doimukh, Arunachal Pradesh
6	TUYIR RIBA	Scholar	Female	Psychology	Rajiv Gandhi University
7	SHRIPRAKASH PAL	Ph.D. Research Scholar	Male	Mass Communication	Rajiv Gandhi University
8	DAMBARU BHATTARAI	RESEARCH SCHOLAR	Male	Economics	Rajiv Gandhi University
9	Gumbin Noshi	Assistant Professor	Male	Economics	Donyi Polo, Govt.College, Kamki under Kamba Circle, West Siang District
10	Gayatri Gogoi	Research Scholar	Female	Economics	Rajiv Gandhi University, Arunachal Pradesh
11	RITUPORNA DUTTA	PhD Research Scholar	Female	ECONOMICS	Rajiv Gandhi University, Arunachal Pradesh
12	KANCHAN DEVI	Research scholar	Female	Economics	Rajiv Gandhi University
13	KONLOM MOSSANG	Research Scholar	MALE	ECONOMICS	RAJIV GANDHI UNIVERSITY, RONO HILLS, DOIMUKH
14	INDRANEE PHUKAN	Research Scholar	Female	Economics	Rajiv Gandhi University, Arunachal Pradesh
15	GELING MODI	Scholar	Female	Economics	Rajiv Gandhi University
16	EVIE KOYU	Research Scholar	Female	Management	Rajiv Gandhi University
17	Benny Sebastian	Scholar	Male	Management	Rajiv Gandhi University
18	ANKITA BORUAH	Student	Female	Economics	Rajiv Gandhi University
19	Yami melo	Research scholar	Female	Economics	Rajiv gandhi university
20	AMANSO TAYANG	Research Scholar	Male	Botany	Rajiv Gandhi University, Arunachal Pradesh
21	Toku Bani	Ph.D student	Female	Botany	Rajiv Gandhi University
22	Chiranjib Hazarika	Ph.D research scholar	Male	Economics	Rajiv Gandhi University
23	INDRANEE PHUKAN	Research Scholar	Female	Economics	Rajiv Gandhi University Arunachal
24	PABITRA BORAH	Ph.D scholar	Male	Economics	Rajiv Gandhi University
25	SHILPI SHIKHA CHETIA	Research Scholar, RGU	Female	Economics	Rajiv Gandhi University
26	ARNOB PAUL	Research Scholar	Male	Economics	Rajiv Gandhi University

27	Pema Choden	Research Scholar	female	Economics	Rajiv Gandhi University
28	KANCHAN K. SHARMA	Research Scholar	Female	Economics	Rajiv Gandhi University
29	Dr. Bibhuti B. Das	Assistant Professor	Male	Botany	Rajiv Gandhi University
30	Deepu Krishnan	Research Scholar	Male	Management	Rajiv Gandhi University



Prof. Vandana Upadhyay