# RAJIV GANDHI UNIVERSITY DEPARTMENT OF ECONOMICS

### Report on the one week Workshop on Data Handling using SPSS

17<sup>th</sup> - 23<sup>rd</sup> November, 2021
Organised by the Centre for Development Studies
Department of Economics

Part – I Organising Committee: Prof. Vandana Upadhyay, Coordinator
Dr. Ashi Lama, Joint Coordinator
Dr. Anup Kr. Das, Joint Coordinator

Part – II Seminar/ Workshop / Webinar / FDP /STPs etc.

- **2.1:** Background / Concept Notes and Objectives: The use of statistical and econometric tools and techniques for research in economics, commerce and management 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 and econometric tools and techniques and for enhancing the skill in handling of software. The Centre for Development Studies (CDS), Department of Economics, Rajiv Gandhi University is going to organize a week long online national workshop on "Data Handling Using SPSS" during 17th to 23rd November, 2021 for faculty members and researchers in economics, commerce and management.
- **2.2: Themes and Sub-themes:** Numerical descriptions by MS-Excel and SPSS, Basic probability distributions, Comparison of distributions, Correlation, Regression analysis-Simple linear, Logit, Probit and Tobit, Time series analysis.
- 2.3: Details of the Resource Persons:
  - **Prof. Gyan Prakash Singh**, Professor, Department of Statistics, Banaras Hindu University **Dr. Gargi Tyagi**, Assistant Professor, Department of Mathematics and Statistics, Banasthali Vidyapith, Rajasthan, India
- 2.4: Sponsoring Agency (if any) and Details of the Sponsorship: Centre for Development Studies, Department of Economics, Rajiv Gandhi University.
- 2.5: Expenditure Incurred: Rs. 48,790/- (Forty Eight Thousand Seven Hundred Ninety Only)

#### Part – III Session-wise Details

3.1: **Inaugural Session:** The one-week national workshop on Data Handling using SPSS was inaugurated by Prof. Saket Kushwaha, Vice-Chancellor, RGU. He appreciated the CDS for organizing such a training programme to enhance the research capabilities of scholars and young faculty members. Prof.

Amitava Mitra, Pro Vice-Chancellor, RGU while applauding the CDS asked the Centre to organise workshops at regular interval to build up skilled manpower and improve research capacity of scholars. The inaugural function was attended by the Registrar, RGU, Prof, Gyan Prakash Singh, Resource Person, Prof, Vandana Upadhyay, Head, Department of Economics, Prof. S. K. Nayak, Professor, Department of Economics, faculty members, research scholars and participants.

#### 3.2: Plenary Session (if any): NA

# 3.3: **Technical Sessions/Training Sessions**: The technical sessions were conducted in online mode on Zoom platform from 17<sup>th</sup> to 23<sup>rd</sup> November, 2021. The details of technical sessions are as follows:

Date	Day	Topics to be covered	Time (with a break of 30 minutes)	Resource person
17.11.21	WED	Tools of data analysis (Lecture on Basic understanding of descriptive and inferential statistics) followed by a brief inaugural ceremony.	1.00 pm-4.30 pm	GP Singh
18.11.21	THU	Computation of data summary by MS-Excel and SPSS For beginners.	1.00 pm-4.30 pm	GP Singh
		(Learning of SPSS as DBMS tool. Use of syntax & Pivot table of Excel for summarization of data quantitatively and graphically. (Exploring SPSS as DBMS tool)		
19.11.21	FRI	Comparison of Distributions based on Means, Variances, Proportions (parametric and non-parametric)	1.00 pm-4.30 pm	GP Singh
20.11.21	SAT	Correlation (Simple, multiple and partial ) & Simple Regression, Multiple Regression,	1.00 pm-4.30 pm	GP Singh
21.11.21	SUN	Introduction to Time series analysis.	1.00 pm-4.30 pm	Gargi Tyagi
22.11.21	MON	Idea of general linear model Logistic, Probit, Tobit regressions based on software.	1.00 pm-4.30 pm	Gargi Tyagi &GP Singh
23.11.21	TUE	Basic Probability Distributions uses and calculation of probability.  Normality of data. Fitting of data to specific distributions.	1.00 pm-4.30 pm	GP Singh & Other

#### 3.4: **Panel Discussion** (if any): NA

3.5: **Valedictory Session**: The one-week national workshop on Data Handling using SPSS concluded at RGU on 23<sup>rd</sup> November, 2021. The workshop was organised by the Centre for Development Studies (CDS), Department of Economics, RGU from 17<sup>th</sup>-23<sup>rd</sup> November, 2021 in online mode on Zoom platform. Speaking at the valedictory function, Prof. Saket Kushwaha, Vice-Chancellor, RGU stressed on skill enhancement of research scholars through such workshops. He lauded the CDS for organizing the capacity building workshop using SPSS software and urged the CDS to organize similar workshops for faculty members of the University and Colleges in order to enhance their research abilities. Prof. Amitava Mitra, Pro Vice-Chancellor, RGU stated that the use of statistical data and SPSS are ever increasing in social science research and appreciated the CDS for taking the initiative to organize such a workshop.

#### Part – IV Outcome of the Program

- 4.1: Academic Outcome: The participants feedback showed that they have gained knowledge in using SPSS for data handling and analysis. All the participants were highly satisfied with the workshop.
- 4.2: Policy Implications / Technical Implications (if any): NA
- 4.3: **Future Scope**: Workshop on data handling at advance level can be organised.

#### Part – V Annexure

#### 5.1: Brochure / Leaflet and Schedule Schedules/ Newspaper publications



About the workshop: The use of statistical and econometric tools and techniques for research in economics, commerce and management 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 and econometric tools and techniques and for enhancing the skill in handling of software. The Centre for Development Studies (CDS), Department of Economics, Rajiv Gandhi University is going to organize a week long online national workshop on "Data Handling Using SPSS" during 17th to 23rd November, 2021 for faculty members and researchers in economics, commerce and management.

Topics to be covered: Numerical descriptions by MS-Excel and SPSS, Basic probability distributions, Comparison of distributions, Correlation, Regression analysis-Simple linear, Logit, Probit and Tobit, Time series analysis.

Class time: 1.30 pm to 5pm

How to apply: Interested faculty/researchers may submit the filled-in application form using the link <a href="https://docs.google.com/forms/d/1aSz0HzWXBDWU3GleejxPXcoCc\_9NE1MteQXwvT7yENg/edit?usp=sharing">https://docs.google.com/forms/d/1aSz0HzWXBDWU3GleejxPXcoCc\_9NE1MteQXwvT7yENg/edit?usp=sharing</a>.

Around 50 participants will be selected for the workshop. The last date of submission of application form is November 14, 2021.

Certificate: E-certificate will be issued on submission of quiz, assignment and feedback form.

Participation fees: The non-refundable participation fees for the workshop is Rs.200/-

Bank details: Name of Bank-Bank of Baroda

Account Name - Head, Department of Economics, RGU

Account Number - 83420100001463

IFSC-BARBOVJARUN

A copy of transaction details is to be sent to ofdp2021@gmail.com

## 5.2: List of Participants (Institution wise / gender-wise)

SL	Name of the	Designation	Institutional affiliations
No.	applicant	D 1 C 1 1	D. C. H. H
1	Saurav Kalita	Research Scholar	Rajiv Gandhi University, Arunachal Pradesh
2	Vivek Kumar Singh	Assistant Professor	Rajiv Gandhi University
3	Dr Arati Bharali	Assistant Professor of Economics	Tezpur College
4	Tashi Lungton Vas		Daiire Candhi University Itanagar
4	Tashi Lungtan Kee	Research Scholar	Rajiv Gandhi University Itanagar
5	Geling Modi	Research Scholar	Rajiv gandhi university
6	Kanchan Devi	Research scholar	Rajiv Gandhi University
7	Rimjim Borah	Assistant professor	Dept. of Economics, Gargaon College,Simaluguri
8	Jayanta Kr. Dutta	Assistant Professor	Moridhal College
9	Dol Bahadur Thapa	Research Scholar	Rajiv Gandhi University
10	Biman Kumar Nath	Assistant Professor	Department of Economics,
			Mahapurusha Srimanta Sankradeva
			Viswavidyalaya
11	Dakli Lombi	Assistant professor	Government College Doimukh
12	Mukunda Madhab Gogoi	Assistant Professor	Digboi College
13	Ranju Kumar Bharali	Assistant Professor	Cinnamara College, Jorhat
14	Jumi Kalita	Research Scholar	Rajiv Gandhi University
15	Kanchan K Sharma	Assistant professor	Gogamukh College, Dhemaji
16	Pema Choden	Assistant Professor	Government College Bomdila, West
			Kameng District
17	Pabitra Borah	Research Scholar	Rajiv Gandhi university
18	Ms. Suprity Shyam	Assistant Professor	Women's College, Tinsukia
19	Chiranjib Hazarika	Research Scholar	Rajiv Gandhi University Doimukh
	,		Arunachal Pradesh
20	Tasso Kari	Assistant Professor	Government College Daporijo
21	Talung Taloh	Research Scholar	NABARD
22	Konlom Mossang	Research Scholar	Rajiv Gandhi University, Rono Hills, Doimukh
23	Aditi Koudinya	Research Scholar	Rajiv Gandhi university
24	Nong Tayeng	Assistant professor	Rajiv Gandhi University
25	Rituporna Dutta	Research Scholar	Rajiv Gandhi University
26	S. Solomon	Research Scholar	North- Eastern Hill University (NEHU)
27	Adrian K Langstieh	Research Scholar	North-Eastern Hill University
28	Khoda Oniya	Research Scholar	North Eastern Hill University
29	Runu Jyoti Devi	Research Scholar, Dept of Economics	Assam University
30	Dr. Banashree Sarma	Research Associate	Tezpur University
31	Nilam Adhyapak	Research Scholar	North-Eastern Hill University
32	Dambaru Bhattarai	Research Scholar	
34	Danibaru Bhattarai	Research Scholar	Rajiv Gandhi University

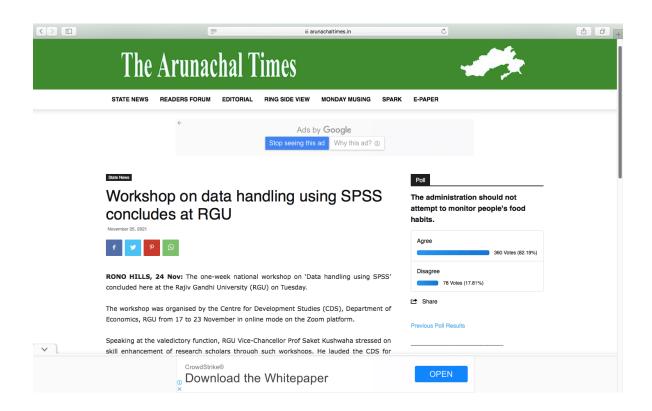
33	Debajyoti Sarkar	Research Scholar	Rajiv Gandhi University, Arunachal Pradesh
34	Anil Tanti	Assistant professor	Gargaon college
35	Loitongbam Hena Devi	Research Scholar	North Eastern Hill University
36	Labet Phylla Phanbuh	Assistant Professor	St. Edmund's College Shillong
37	Indranee Phukan	Research Scholar	Rajiv Gandhi University
38	Arnob Paul	Research Scholar	Rajiv Gandhi University
39	Ankita Boruah	Research Scholar	Rajiv Gandhi University
40	Veni Excel Amity Marwein	Research Scholar	North Eastern Hill University
41	Bhagyalakhi Gogoi	Assistant professor	Women's College, Tinsukia
42	Sumit Dey	Assistant Professor	B.N.College, Dhubri
43	K Vanlalhruaitluanga	Research Scholar	North Eastern Hill University
44	Monu Rai	Research Scholar	Rajiv Gandhi University, Rono-Hills, Doimukh, Arunachal Pradesh
45	Dhurba Jyoti Koch	Field Investigator	Tezpur University
46	Chiranjeeb Biswas	Research Scholar	Assam University, Silchar
47	Debahuti Bora	Research Scholar	Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Nagaon
48	Bandakerlin Lyngdoh	Research Scholar	North Eastern Hill University
49	Kaveri Khound	Research Scholar	North Eastern Hill University
50	Priyanka Muchahary	Research Scholar	North-Eastern Hill University
51	Julkarnain Ahmed	Research Scholar	Assam University, Silchar
52	Chayon Bangyang	Assistant professor	Wangcha Rajkumar Govt. College, Deomali

#### 5.3: Photographs





5.4: Media Coverage: <a href="https://arunachaltimes.in/index.php/2021/11/25/workshop-on-data-handling-using-spss-concludes-at-rgu/">https://arunachaltimes.in/index.php/2021/11/25/workshop-on-data-handling-using-spss-concludes-at-rgu/</a>





(Prof. Vandana Upadhyay)
Coordinator
Centre for Development Studies