

Faculty Development Program

On

“Tools and Techniques for Academic Writing”

Under the aegis of

**Association of Indian Universities - Shri Vaishnav Vidyapeeth
Vishwavidyalaya**

Academic and Administrative Development Centre

(AIU-SVVV-AADC)

Date: 13.03.2023-17.03.2023

The Academic and Administrative Development Centre (AADC) of Shri Vaishnav Vidyapeeth Vishwavidyalaya (SVVV) and the Association of Indian Universities, Indore jointly organized a Faculty Development Program on “Tools and Techniques for Academic Writing”, from March 13th to March 17th, 2023. In this FDP, 50 participants were registered.

It was 5 days online faculty development program wherein eminent experts across the nation deliberated on different tools and techniques on academic writing in online mode in 10 sessions. All experts shared their perspectives and knowledge with the faculty members.

The inaugural session began with the worship of Goddess Saraswati, followed by the welcome of the guests. Dr. Anand Rajavat, Dean Academic, SVVV, and Nodal Officer AIU-SVVV-AADC, introduced about the FDP, organized under the aegis of AIU-SVVV-AADC, and its objectives. He said, " purpose of academic writing is to provide facts and information in a descriptive way according to the standards and disciplines of academic subjects. By

using statistical analysis software's like MS Excel, SPSS and LaTeX, researchers and academicians can transform their raw data into tables, graphs and figures into more structured, precise, and presentable work to develop interpretations and new theories based on evidence. He introduced the keynote speaker and the three eminent speakers of FDP who are from renowned institutions across the nation.

Dr. Upinder Dhar, Hon'ble Vice Chancellor, stated in his welcome address about utility of academic writing. Sir has highlighted Important features and vital role of academic writing in communicating ideas, information, and research to the wider Section of academic community which can be helpful for an academician as well as for researcher for the career growth and for the betterment of the society.

The guest on the occasion, Prof Dr G D Sharma, Vice President, Association of Indian Universities (AIU) & Vice Chancellor, University of Science and Technology Meghalaya (USTM) delivered the presidential address. Sir has highlighted important theories for academic writing,

which can be helpful for doing multidisciplinary, modern, ethical and significant research for self as well as for nations development. He expressed his sincere thanks to SVVV for inviting him as chief guest for the occasion.

The inaugural session concluded with words of thanks by Dr. Raksha Chouhan, Associate Professor, SVICA, SVVV, Indore.

First four sessions were conducted by Prof (Dr.) Alok Bansal, HOD, Data Analytics and Information Systems, PIMR Indore on the software “MS-Excel” On 13 and 14 March. He has covered various important concepts like What if analysis using Data Table by Creating and Editing of Scenario and Goal Seek, Creating Pivot Tables, Formation, and Customization, Charts by Using Pivot Table, Slicers in Pivot Tables and Trend Analysis, Correlation, SD and Variance. t-Test for Two Independent Samples and Paired Samples, z-Test, ANOVA and Regression etc.

Next four session were conducted by Ms. Rashmi Saini, Data Scientist, IBM Consulting New Delhi, India on 15th and 16th

March on “Introduction to statistical analysis using IBM SPSS Software”. She has covered topics like introduction to Statistical Analysis, understanding data distributions concepts, making Inference about Populations, statistical significance tests, regression analysis etc.

Last two session were conducted by Professor (Dr.) J. T. Andrews, HOD- Applied Physics and Opto-electronics, SGSITS Indore on “LaTeX Software”. He has highlighted topics like basic introduction about LaTeX with its importance, working of LaTeX, how to use LaTeX for preparing academic and research reports, presentation preparation by using LaTeX etc.

The FDP ended with the valedictory session on March 17, 2023. After welcoming guests, Dr. Raksha Chouhan, Coordinator, FDP, AIU-SVVV-AADC, presented the FDP report. The welcome address was delivered by Dr. Upinder Dhar, Hon’ble Vice Chancellor, SVVV. Feedback of the FDP was given by participants of the FDP. Dr. Anand Rajavat proposed the words of thanks. The session concluded with the National Anthem.

Glimpses of the event:

Zoom Webinar

Recording LIVE YouTube

A participant has enabled Closed Captioning. Who can see this transcript? Recording on

Dr. Anand Rajavat Dr. Raksha Chouhan Dr. Jigyasu Dubey Dr. Namit Gupta Dr. Upinder Dhar

Prof. G.D. Sharma Dr. T. K. Mandal Dr. M. P. Goutam Shri Mahendra Pratap Sing Dr. J. T. Andrews

Dr. Uttam Sharma Mrs. Rupali Bhartiya Dr. Saurabh Jain Shri Vaishnav Vidyapeeth V... Mr. Shadab Sheikh

Dr. Anand Praka... Mr. Shrikant Tel... Nitin Saravagi Mr. Premansh Sharma Dr. Kavita Sharma

Dr Roopa Shinde

Dr Roopa Shinde

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Zoom Webinar

A participant has enabled Closed Captioning. Who can see this transcript? Recording on

Dr. Raksha Chouhan Dr. Upinder Dhar Mrs. Rupali Bhartiya Shri Vaishnav Vidyapeeth V... Dr. Roopa Shinde Dr. Anand Rajavat

Recording LIVE YouTube

Prof. G.D. Sharma

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ENG 12:35 13-03-2023

The image shows two screenshots of a Zoom webinar. The top screenshot displays a grid of 20 participants in a 4x5 layout. The participants are identified by their names and profile pictures. The bottom screenshot shows a close-up of Prof. G.D. Sharma, who is speaking. He is wearing glasses and a striped shirt. The background of the close-up shows a wall with a logo that reads 'UNIVERSITY OF MEGHALAYA'.

Following figure shows the setup for the data table area. Row 3 consists of references to the formulas in the worksheet. For example, cell F3 contains the formula =C10, and cell G3 contains the formula =C11. Column E contains the values of the single input cell (interest rate) that Excel will use in the table.

Mortgage Loan Worksheet					
	Input Cells	Loan Amt	Mo Pmt	Total Pmts	Total Int
Purchase Price:	\$325,900	\$293,310	\$2,060	\$741,567	\$448,257
Down Payment:	10%				
Loan Term:	360				
Interest Rate (Months):	6.50%				
Result Cells					
Loan Amount:	\$293,310				
Monthly Payment:	\$2,060				
Total Payments:	\$741,567				
Total Interest:	\$448,257				

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Microsoft Word - Introduction X IBM Community Call Series X Community Front Porch X Top University in Madhya X Microsoft Word - Introduction X

file:///C:/Users/0139C7744/AppData/Local/Temp/Temp1_Fundamental course in Predictive Analytics using SPSS Statis

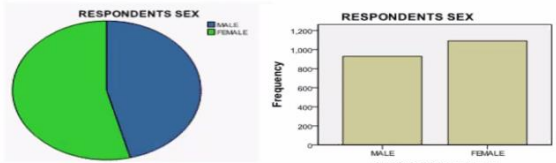
53 of 126 Automatic Zoom

Summarizing Nominal Variables

For nominal data, the typical summary measure is the number or percentage of cases in each category. We can also use the mode, a measure of central tendency, which indicates the category with the highest frequency.

A nominal variable can be displayed graphically in either a pie chart or bar chart.

- A pie chart displays the contribution of parts to a whole. Each slice of a pie chart corresponds to a group that is defined by a single grouping variable.
- A bar chart displays the count for each distinct value or category as a separate bar, allowing you to compare categories visually.



The **Frequencies** procedure on the *Analyze ... Descriptive Statistics* menu is the basic procedure to display counts and percentages for each of the categories of a single variable. We will illustrate the features of **Frequencies** as we create output for nominal variables. These same features will


Highlight All Match Case Match Diacritics Whole Words 8 of 21 matches

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Dr. Raksha Chouhan
Dr. Anand Prakash
Mrs. Rashmi Saini

Recording

ELIX 2_E for Academic Activities



Dr. J. T. Andrews
Applied Photonics Laboratory & National MEMS Design Center,
Department of Applied Physics and Opto-Electronics,
Shri G. S. Institute of Technology & Science, Indore 452 003 MP India.
e-mail: jtandrews@sgsits.ac.in, @gmail.com, @live.com
March 17, 2023

Tools & Techniques for Academic Writing, AIU-FDP @ Shri Vaishnav Vidyapeeth Univ., Indore

Dr. Anand Prakash
Dr. Raksha Chouhan
DR. J.T. Andrews
deepak chandra...
deepak chandrasekh...
Dr. Deepesh sax...
Dr. Deepesh saxena
Shri Vaishnav Vidyapeeth Univ., Indore

OUTLINE

Session - I

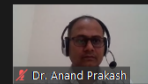
- 1 Introduction
- 2 How \LaTeX works?
- 3 Compilation
- 4 Live Session



Dr J T Andrews (SGSITS, Indore)

 \LaTeX for academic use

AIU-FDP, SVYV-Indore 2 / 37



Dr. Anand Prakash



Dr. Raksha Chouhan



DR. J T Andrews

deepak chandra...

deepak chandrasekh...

Dr.Deepesh sax...

Dr.Deepesh saxena



Shri Vaishnav Vidyap...

Introduction

What is \LaTeX ?

\LaTeX



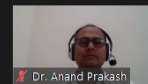
- \LaTeX (pronounced lay-tek) is a document preparation system for producing professional-looking documents, it is not a word processor.
- It is particularly suited to producing long, structured documents, and is very good typesetting equations.
- It is available as free software for most operating systems.



Dr J T Andrews (SGSITS, Indore)

 \LaTeX for academic use

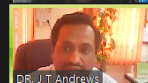
AIU-FDP, SVYV-Indore 4 / 37



Dr. Anand Prakash



Dr. Raksha Chouhan



DR. J T Andrews

deepak chandra...

deepak chandrasekh...

Dr.Deepesh sax...

Dr.Deepesh saxena



Shri Vaishnav Vidyap...

Recording

You are viewing Dr. J.T Andrews' screen

View Options

View

Session - 2

Session - II

- Curriculum Vitae
- Letters
- QP as per NAAC/NBA/NEP/OBE and Objective type QP
- Paper submission to journals
- Book / Thesis /Report writing
- Presentation Slides (Beamer)
- Minimal Introduction to Inkscape and Gimp

Unmute Stop Video Participants 34 Q&A Chat Share Screen Record Raise Hand Apps

Dr. Anand Prakash

Dr. Raksha Chouhan

Dr. J.T Andrews

deepak chandra...

deepak chandrasekh...

Dr. Deepesh sax...

Dr. Deepesh saxena

Shri Vaishnavi Jayap...

Leave

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