



**CRITERION 3**

**St. Bede's College Shimla**  
(UGC-NAAC "A+" Grade Re-Accredited)

**3.2.2 NUMBER OF WORKSHOPS/SEMINARS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP DURING THE YEAR**



St. Bede's College Shimla

## ONLINE ONE WEEK WORKSHOP ON RESEARCH METHODOLOGY



St. Bede's College  
Shimla-171002  
(UGC-NAAC "A+" Grade Re-Accredited)  
College with Potential for Excellence  
Phone: 0177-2843204, Fax:- 0177-2842498  
[www.stbedescollege.in](http://www.stbedescollege.in), Email:- [stbedescollege@stbedes.in](mailto:stbedescollege@stbedes.in)

### WORKSHOP ON "RESEARCH METHODOLOGY AND DATA ANALYSIS USING JAMOVI SOFTWARE"

The Department of Commerce & Management at St. Bede's College, Shimla, organized an online one-week workshop on "Research Methodology and Data Analysis Using JAMOVI Software" starting from October 25, 2021, in collaboration with the Internal Quality Assurance Cell (IQAC).

**Objective:** The workshop aimed to raise awareness about research methodology and data analysis using Jamovi software. It also aimed to provide participants with an understanding of research methodology and data analysis, with a focus on using JAMOVI software. The workshop was structured into five modules, delivered by experienced and knowledgeable faculty members.

On day one of the workshop, Professor Devender Sharma delivered a session on research methodology from a conceptual framework perspective. He talked about the meaning of research methodology, review of literature, and research design, providing the participants with an overview of the fundamental concepts of research methodology.

On day two, Dr. Devender Sharma provided a technical perspective on research methodology. He explained the procedure for research analysis, sources of data collection, and how to prepare research reports.

Day three of the workshop was focused on the concept of measurement and scales. Dr. Madhukar Dalvi discussed the basics of inferential and descriptive statistics and the types of scales, like Likert, ordinal, etc., used in research. This session was helpful for participants as it provided them with an understanding of how to measure and analyse data in research.

On day four, the participants were introduced to the Jamovi software, which is a user-friendly software for statistical analysis. Dr. Madhukar Dalvi taught the participants how to use the software in the research process and how to make hypotheses in research. This session was highly practical and provided participants with hands-on experience of using the software.

Finally, on day five of the workshop, various types of parametric and non-parametric tests and their uses in research were discussed.

**Outcome:** The participants gained a deeper understanding of research methodology, including the conceptual framework, review of literature, research design, and technical perspective.

Mann Mahajan

Principal  
St. Bede's College  
Shimla - 171 002

*Report of the Workshop*



## St. Bede's College Shimla



### St. Bede's College

NAACRE-ACCREDITED A- GRADE

Navbhar, Shimla - 171002

Affiliated To Himachal Pradesh University

Contact No. : - 0177-2842304 / Email: - bedescollege@gmail.com



Online Workshop :- Research Methodology and Data Analysis using JAMOVI Software

Organised by

IQAC and Department of Commerce and Management

October 25<sup>th</sup> - 29<sup>th</sup>, 2021



**Patron**  
Dr. (Sr.) Molly Abraham  
Principal  
St. Bede's College



**Resource Person**  
Dr. Devender Sharma  
Professor  
Department of Commerce  
Himachal Pradesh University



**Resource Person**  
Dr. Madhukar Dalvi  
Assistant Professor  
Mathematics and Statistics  
Nagindas Khandwala College  
(Autonomous)

### Workshop on Research Methodology and Data Analysis Using JAMOVI Software from (October 25, 2021 - October 29, 2021)

Workshop Schedule		
Day and Date	Topics to be Covered	Time (IST)
Monday 25 <sup>th</sup> October, 2021	Research Methodology :- Conceptual Framework	03:00 P.M. - 05:00 P.M.
Tuesday 26 <sup>th</sup> October, 2021	Research Methodology :- Technical Perspective	03:00 P.M. - 05:00 P.M.
Wednesday 27 <sup>th</sup> October, 2021	Concept of Measurement and Scales Basics of descriptive and inferential statistics Preparation of data sheet	03:00 P.M. - 05:00 P.M.
Thursday 28 <sup>th</sup> October, 2021	Introduction of "Jamovi Software" Descriptive data analysis using "Jamovi" Overview of Hypothesis testing	03:00 P.M. - 05:00 P.M.
Friday 29 <sup>th</sup> October, 2021	Parametric and non-parametric testing using "Jamovi" Choosing appropriate tests Linear correlation and regression analysis	03:00 P.M. - 05:00 P.M.

  

<p><b>CONVENOR</b> Mr. Manu Mahajan (Head of the Department) Commerce and Management</p>	<p><b>CO-ORDINATOR</b> Mr. Ashish Kumar (Assistant Professor) Department of Commerce and Management</p>
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<p><b>ORGANISING COMMITTEE</b> Faculty, Department of Commerce and Management Dr. Savita Rana, Assistant Professor Mrs. Raman Bassi, Assistant Professor</p>
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### Workshop on Research Methodology and Data Analysis Using JAMOVI Software from (October 25, 2021 - October 29, 2021)



# St. Bede's College Shimla

**Department of Commerce & Management**  
**St. Bede's College, Shimla**

Attendance Sheet (2021-22)

Name of Activity: Online One Week Workshop On Research Methodology and Data Analysis Using Jamovi Software  
 Date: October 25 - 29, 2021  
 Organising Unit: Department of Commerce and Management  
 No. of Students Participated:

Sl. No.	Roll No.	Name of the Student	Name of the University/College Institute	Feedback
1	12020117024	Harpreet Kaur	St. Bede's College, Shimla	Very Good
2	12020117181	Harpreet Kaur	St. Bede's College, Shimla	Very Good
3	12020117182	Harpreet Kaur	St. Bede's College, Shimla	Very Good
4	12020117183	Harpreet Kaur	St. Bede's College, Shimla	Very Good
5	12020117184	Harpreet Kaur	St. Bede's College, Shimla	Very Good
6	12020117185	Harpreet Kaur	St. Bede's College, Shimla	Very Good
7	12020117186	Harpreet Kaur	St. Bede's College, Shimla	Very Good
8	12020117187	Harpreet Kaur	St. Bede's College, Shimla	Very Good
9	12020117188	Harpreet Kaur	St. Bede's College, Shimla	Very Good
10	12020117189	Harpreet Kaur	St. Bede's College, Shimla	Very Good
11	12020117190	Harpreet Kaur	St. Bede's College, Shimla	Very Good
12	12020117191	Harpreet Kaur	St. Bede's College, Shimla	Very Good
13	12020117192	Harpreet Kaur	St. Bede's College, Shimla	Very Good
14	12020117193	Harpreet Kaur	St. Bede's College, Shimla	Very Good
15	12020117194	Harpreet Kaur	St. Bede's College, Shimla	Very Good
16	12020117195	Harpreet Kaur	St. Bede's College, Shimla	Very Good
17	12020117196	Harpreet Kaur	St. Bede's College, Shimla	Very Good
18	12020117197	Harpreet Kaur	St. Bede's College, Shimla	Very Good
19	12020117198	Harpreet Kaur	St. Bede's College, Shimla	Very Good
20	12020117199	Harpreet Kaur	St. Bede's College, Shimla	Very Good
21	12020117200	Harpreet Kaur	St. Bede's College, Shimla	Very Good

Mam Mehta  
Principal  
St. Bede's College  
Shimla 171002

**Department of Commerce & Management**  
**St. Bede's College, Shimla**

Sl. No.	Roll No.	Name of the Student	Name of the University/College Institute	Feedback
1	12020117201	Harpreet Kaur	St. Bede's College, Shimla	Very Good
2	12020117202	Harpreet Kaur	St. Bede's College, Shimla	Very Good
3	12020117203	Harpreet Kaur	St. Bede's College, Shimla	Very Good
4	12020117204	Harpreet Kaur	St. Bede's College, Shimla	Very Good
5	12020117205	Harpreet Kaur	St. Bede's College, Shimla	Very Good
6	12020117206	Harpreet Kaur	St. Bede's College, Shimla	Very Good
7	12020117207	Harpreet Kaur	St. Bede's College, Shimla	Very Good
8	12020117208	Harpreet Kaur	St. Bede's College, Shimla	Very Good
9	12020117209	Harpreet Kaur	St. Bede's College, Shimla	Very Good
10	12020117210	Harpreet Kaur	St. Bede's College, Shimla	Very Good
11	12020117211	Harpreet Kaur	St. Bede's College, Shimla	Very Good
12	12020117212	Harpreet Kaur	St. Bede's College, Shimla	Very Good
13	12020117213	Harpreet Kaur	St. Bede's College, Shimla	Very Good
14	12020117214	Harpreet Kaur	St. Bede's College, Shimla	Very Good
15	12020117215	Harpreet Kaur	St. Bede's College, Shimla	Very Good
16	12020117216	Harpreet Kaur	St. Bede's College, Shimla	Very Good
17	12020117217	Harpreet Kaur	St. Bede's College, Shimla	Very Good
18	12020117218	Harpreet Kaur	St. Bede's College, Shimla	Very Good
19	12020117219	Harpreet Kaur	St. Bede's College, Shimla	Very Good
20	12020117220	Harpreet Kaur	St. Bede's College, Shimla	Very Good

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**Department of Commerce & Management**  
**St. Bede's College, Shimla**

21	12020211954-45	singhrajinder19@gmail.com	RAJENDER SINGH	Government Degree College Kangra Solan Himachal Pradesh	Very informative and well mannered.  The workshop was very informative. I have learned so many new things and I found the practical application of this workshop was interesting. It was not very one way communication but the interaction made it more interesting. Thank you very much for this.
22	1202020211955-12	meras2500@gmail.com	Ms. Alana Good	St. Bede's college	It was helpful.
23	1202020212053-38	akshaychahal09@gmail.com	Ms. Alana Chaudh	Himachal Pradesh University	The workshop was very productive and interesting. I got a lot of knowledge and new experiences. I am highly obliged to be part of this workshop.
24	1202020212125-17	khushika190@gmail.com	Ms. Khushi Singh Thakur	St. Bede's college, shimla	Highly Good job
25	1202020212143-18	spnuch@gmail.com	Dr. Rashika Sharma	St. John's College	Highly Good job

Mam Mehta  
Principal  
St. Bede's College  
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*Attendance Sheets*