



**ETERNAL UNIVERSITY**  
**AKAL COLLEGE OF NURSING**

Baru Sahib, District Sirmour, H.P.

**REPORT ON**  
**RESEARCH METHODOLOGY WORKSHOP**

21<sup>st</sup> July to 24<sup>th</sup> July 2021

**ETERNAL UNIVERSITY**  
**AKAL COLLEGE OF NURSING**  
Baru Sahib, Dist. Sirmour, Himachal Pradesh - 173101

*Cordially invites you to*

**WORKSHOP ON  
RESEARCH METHODOLOGY**

Think & Plan  
Discover  
Gather & Analyze  
Write & Publish  
Share/Impact

**21<sup>st</sup> -24<sup>th</sup> July, 26<sup>th</sup> - 27<sup>th</sup> July, 2021**

**Venue: Virtual & Auditorium      Timings: 10:00 am- 12:00 noon**

Contact us at: 9816441158, 9805098716

Email: [acn@barusahib.org](mailto:acn@barusahib.org)

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**Report Prepared By : Mr. Muthukumar, Assistant Professor, ACN**

**ETERNAL UNIVERSITY**  
**AKAL COLLEGE OF NURSING**  
Baru Sahib, District Sirmour, H.P.

**RESEARCH METHODOLOGY WORKSHOP**

**INTRODUCTION:**

**Background of the Research Methodology Workshop:-**

On 19.07.2021 at 9.30am Dr. Harpreet, Administrator, Eternal University has a vision of conducting a workshop in view of using the Resource of Dr. Narienderpal Singh, Dean Research, SGT University, who has visited out Eternal University as a Guest. It was communicated to Mr. Muthukumaran, Assistant Professor in Community Health Nursing, through Dr. Simarjeet Kaur, Assistant Professor in Community Health Nursing, Akal College of Nursing. From that time Workshop on Research Methodology came into the planning phase.

Immediately the idea of workshop was discussed with Dr. Narinderpal Singh and Dr. Thavamani, Principal, Akal College of Nursing, with the immediate approval of both respected eminent people, committee was formed and all the members were started worked tirelessly as a bees to successfully complete this workshop. Because of the time constraints and availability of the Special Guest Dr. Narinderpal Singh the workshop was planned from 21.07.2021 to 27.07.2021.

Dr. Thavamani, Ph.D (N) guided the faculty to conduct this Workshop on Research Methodology and Committee was formed as follows: -

<b>SNO.</b>	<b>COMMITTEES</b>	<b>NAME OF THE FACULTY</b>
1.	Organising Secretary	Dr. Thavamani, Principal, ACN
2.	Registration	Mrs. Babitha & Ms. Manisha
3.	Invitation and Flyer	Ms. Manpreet & Ms. Suman
4.	Scientific Session	Dr. Simarjeet & Mr. Muthukumaran
5.	Arrangement	Mrs. Uma
6.	Certificate	Ms. Sameekasha
7.	Vote of Thanks	Dr. Anupama. K
8.	Report	Mrs. Jaswinder Kaur

**Over all Coordinators : Mr. Muthukumaran, Dr. Simarjeet & Mrs. Uma**

## About the Workshop

This workshop is an effort to enrich the Nursing and Public Health Researchers in Research Methodology. This workshop expected to cover the basics of Research Methodology focusing on theoretical and practical inputs. Specifically the formulation of research problem, formulation of research hypothesis and testing of hypothesis, conducting Literature Review, Types of Research Approach and Design, Selection of appropriate parametric or non-parametric statistical method for analyzing data and Writing proposal for funding projects and Ethical Issues in Research including plagiarism.

### Aim of the Workshop:

Aims at enabling the participants to develop expertise in research methodology and improving the quality of research for professional development.

### Target Group:

Open for all Researchers from Eternal University: - Deans, HoD's, Faculty & Students

Dr. Narinderpal Singh extended his hand to get the eminent resource persons from Delhi.

#### **RESOURCE PERSONS FROM EXTERNAL :**

1. Dr. Narinderpal Singh, Dean Research, SGT University, Gurgaon
2. Dr. Anupam Prakash, Prof of Medicine, Lady Harding Medical College, New Delhi
3. Dr. Shiv Kumar, Principal, Tirupati College of Nursing, Udaipur, Rajasthan
4. Dr. Aruna Nigam, Professor, OBG wise, HIMSR, New Delhi
5. Dr. C.B.Patil, Psychologist, Akal Charitable Hospital

#### **RESOURCE PERSONS FROM INTERNAL :**

1. Dr. Thavamani. Ph.D.(N), Principal, ACN, HP
2. Mrs. Uma Mayan, HOD, Dept. of MSN, ACN, HP

The 6 days sessions were scheduled as the following –

### PROGRAMME SCHEDULE

TIME	TOPICS	RESOURCE PERSON
<b>DAY – 1 : 21<sup>st</sup> July 2021</b>		
10:00am to 10:05am	<b>INAGURATION</b>	
	<b>WELCOME ADDRESS</b>	
10:05am to 10:45am	Introduction and Overview of Research	Dr. Narinderpal Singh, Dean Research, SGT University, Gurgaon
10:45am to 11:25am	<ul style="list-style-type: none"> <li>– Research Question</li> <li>– Objectives</li> <li>– Hypotheses</li> </ul>	Prof. Uma Mayan HOD, Dept. of MSN ACN, HP
11:25am to 12:00noon	Review of Literature (Search Engines)	Dr. Anupam Prakash Prof of Medicine, Lady Harding Medical College, New Delhi
<b>DAY – 2 : 22<sup>nd</sup> July 2021</b>		
10:00am to 10:40am	Overview of Research Approach and Types of Research Design - Qualitative & Mixed Method	Dr. Narinderpal Singh, Dean Research, SGT University, Gurgaon
10:40am to 11:30am	Various Quantitative Studies	Dr. Anupam Prakash Prof of Medicine, Lady Harding Medical College, New Delhi
<b>DAY – 3 : 23<sup>rd</sup> July 2021</b>		
10:00am to 10:30am	Sampling Technique	Dr. Thavamani. Ph.D.(N) Principal, ACN, HP
10:30am to 11:10am	Sample size Calculation	Dr. Shiv Kumar Principal, Tirupati College of Nursing, Udaipur, Rajasthan

<b>TIME</b>	<b>TOPICS</b>	<b>RESOURCE PERSON</b>
11:10am to11:40am	Ethical Challenges in Research	Dr. Narinderpal Singh, Dean Research, SGT University, Gurgaon
11.40am to 12.00noon	Plagiarism	Dr. Aruna Nigam Professor, Jamia Hamdard, New Delhi
<b>DAY – 4 : 24<sup>th</sup> July 2021</b>		
10:00am to 10:40am	Selection of Statistical Test Which test to use when?	Dr. C.B.Patil, Psychologist, Akal Charitable Hospital
10:40am to11:30am	Research Proposal for Funding Projects	Dr. Narinderpal Singh, Dean Research, SGT University, Gurgaon
<b>DAY – 5 : 26<sup>th</sup> July 2021</b>		
10am to 12noon	Research Proposal Presentation	Department of Medical & Surgical Nursing
<b>DAY – 6 : 27<sup>th</sup> July 2021</b>		
10am to 11.45am	Research Proposal Presentation	Department of OBG & Mental Health Nursing
11.45am to 12.00noon	Valedictory	

## REGISTRATION

For the registration to the Workshop on Research Methodology, the committee has developed an online registration form with the use of Google Form and got approved from Principal as follows: -

### Committee Members :

Mrs. Babitha &

Ms. Manisha

### Coordinated By :

Mr. Muthukumaran



### REGISTRATION FORM

\* Required

Email \*

Your email

Full Name \*

Your answer

Your Designation \*

Lecturer

Assistant Professor

Associate Professor

Professor

Others

Name of the department \*

Medical Surgical Nursing

Child Health Nursing

Community Health Nursing

Obstetrics and Gynecological Nursing

Mental health Nursing

Master in Public Health

Others

Submit

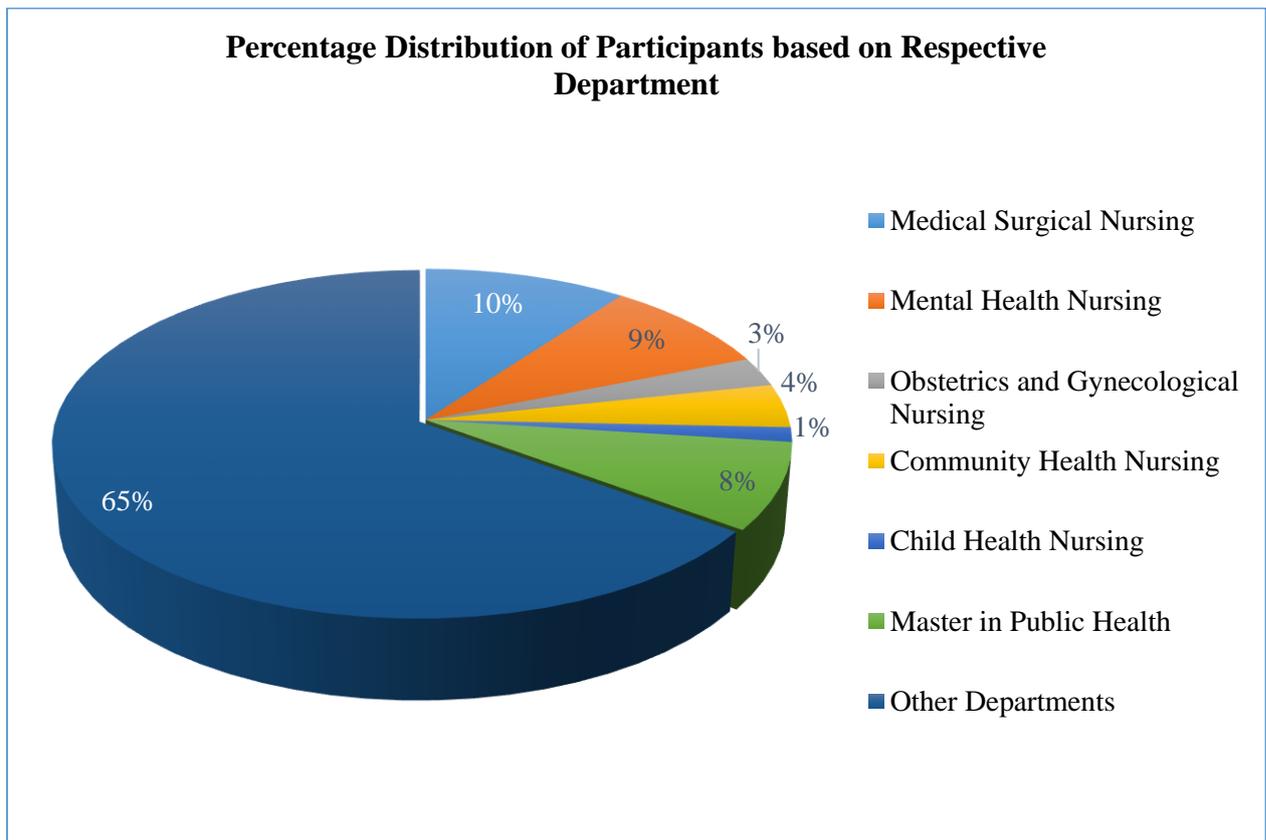
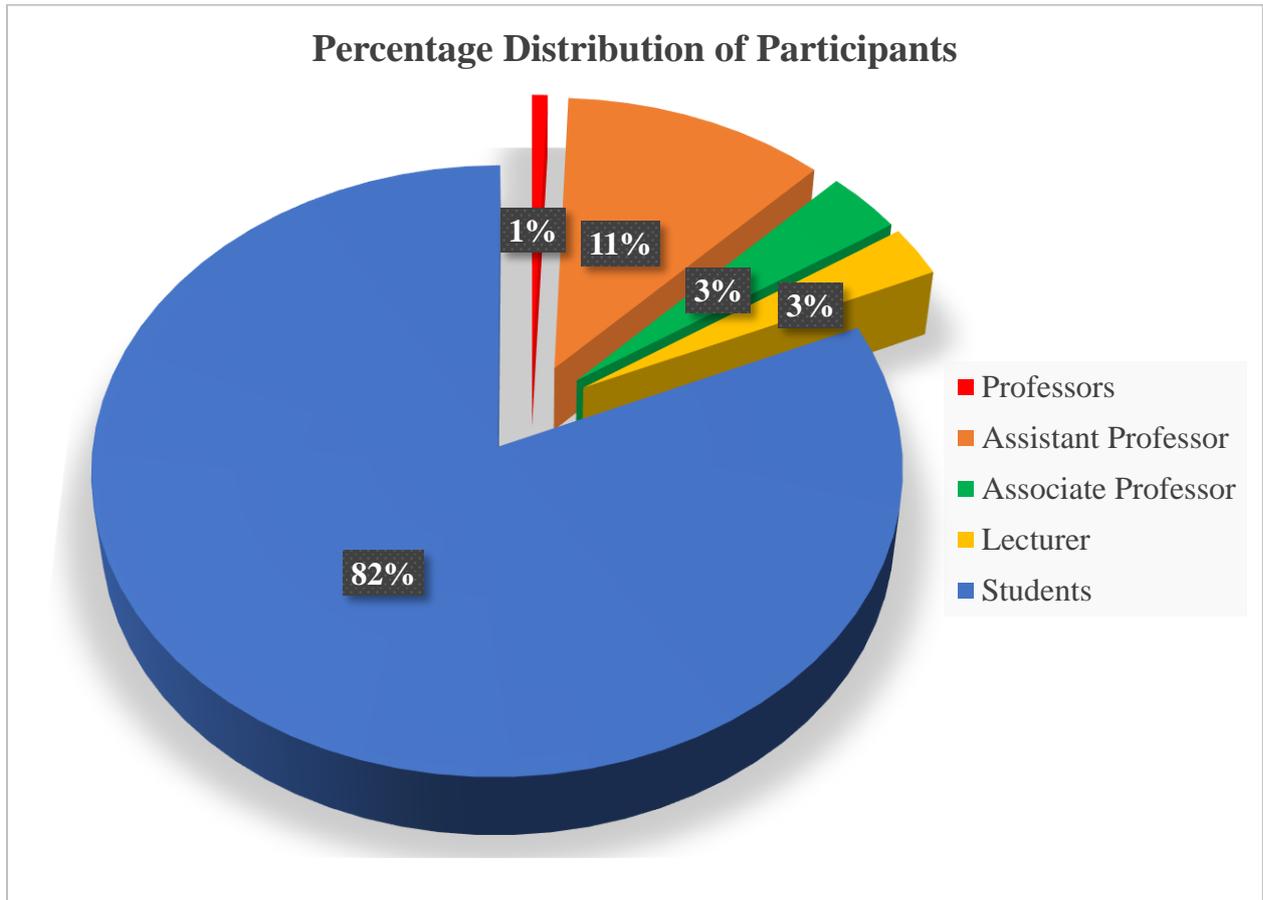
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Google Forms

There were 149 participants were registered as follows : -

N = 154



## INVITATION

On 19.07.21, Invitation and Flyer was designed and prepared by the committee and got approved from Dr. Thavamani, Ph.D (N), Principal, Akal College of Nursing. Next day on 20.07.2021 printed invitation was handover to the **Dr. Davinder Singh**, Vice Chancellor, Eternal University through Principal and Mr. Muthukumaran, Coordinator of the workshop. We have got suggestion from respected VC sir that workshop invitation can be open for all Researchers at Eternal University instead of Nursing and Public Health and also it can be conducted at Auditorium. After that, On 20.07.21 the committee members sent the invitation to Dr. Amrik Singh Ahluwalia, Pro Vice chancellor, Dean and Administrator through them invitation was given to all the HOD, Faculty and Students of Eternal University.



**ਵਿਦਿਆ ਵੀਚਾਰੀ ਤਾਂ ਪਰਉਪਕਾਰੀ**  
With Divine Blessings of His Holiness  
**HONORABLE BABA IQBAL SINGH JI,**  
**Akal College of Nursing**  
**Eternal University**  
Baru Sahib, District Sirmour, H.P.  
*Cordially invites you to*

**Workshop**  
On  
**Research Methodology**

21<sup>st</sup> -24<sup>th</sup> July, 26<sup>th</sup>-27<sup>th</sup> July, 2021

Venue: Virtual & Auditorium Bhai Gurdas Hall      Timings: 10:00 am- 12:00 noon



**Baba Iqbal Singh Ji**  
Chancellor,  
The Kalgidhar Trust



**Dr. Davinder Singh**  
Vice Chancellor,  
Eternal University



**Dr. Amrik Singh Ahluwalia**  
Pro- Vice Chancellor,  
Eternal University



**Dr. Neelam Kaur**  
Advisor, Health & Education,  
The Kalgidhar Trust Member,  
Governing Body, AU & EU



**Dr. K Thavamani**  
(Ph. D)  
Principal  
Akal College of Nursing,  
Eternal University

Contact us at: 9816441158, 980  
Email: [acn@barusahib.org](mailto:acn@barusahib.org)

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## Arrangement Committee :

On 20.07.2021 after getting the suggestion from the respected **Dr. Davinder Singh**, Vice Chancellor, Eternal University the arrangements were made as follows :-

1. Venue arrangement was done in the auditorium of Eternal University. It has included seating arrangement, cleaning etc.
2. For virtual mode of workshop, IT department of university was contacted for necessary arrangements.
3. All arrangements were done through proper channel of communication via email to VC office. ([contact@eternaluniversity.org](mailto:contact@eternaluniversity.org))
4. For arrangement of snacks for tea break, Head of food department was contacted telephonically and informed via email for necessary arrangements.
5. All have cooperated for successful completion of the event.



## Committee Members :

Mrs. Uma &  
Mr. Muthukumaran

## Coordinated By :

Ms. Simarjeet



## DAY WISE REPORT

### Day 1 : INAGURATION

On 21/07/2021 the inauguration started at 10.00 am with the prayer song by B.Sc.(N) IV Year students. Mrs. Uma, Professor, HOD Department of Medical and Surgical Nursing, hosted a Master of Ceremony. Workshop was conducted in both Online and Offline mode.

Welcome note was given by Mrs. Thavamani, Ph.D (N), Principal Akal College Of Nursing and She introduced the topic for the workshop and highlighted the importance of research in nursing profession.

Chief Guest **Dr. Davinder Singh**, Vice Chancellor of Eternal University, encouraged the nurses to do more research work and emphasized the purpose of Research Methodology workshop. His enlightening speech motivated all participant. He concluded research in word that honesty and sincerity while conducting research.



**Dr. Neelam Kaur**, Dean Faculty of Health Allied Sciences. Her divine personality and simplicity always keep influencing us. She made everyone realized the importance of workshop for bringing

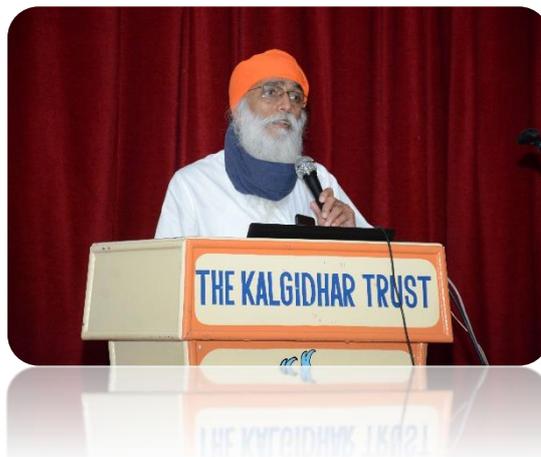
the expertise in the field of research.

**Dr. Rajinder Singh**, senior Psychiatrist, Akal Charitable Hospital who stressed great importance on innovative ideas can be brought by conducting these type of events.



**SCIENTIFIC SESSIONS:- Committee Members : Mr. Muthukumaran & Ms. Simarjeet**  
**SESSION : 1**

Dr. Narinderpal Singh, Dean of Research SGT University Gurgaon, discussed the various types of research design, qualitative and quantitative, he stressed its advantages and disadvantages, identify research problems, review of literature, entry in research setting, selecting research approaches, selection for sample size, tools for data collection, organizing data for analysis, disseminating the research findings.



Total duration of his session was 45 Minutes from 10.30am to 11.15am

**SESSION : 2**



Next session was proceeded By Dr. Anupam Prakash, Professor of Medicine, Lady Harding Medical College New Delhi on Review of Literature Search Engines, he beautifully explained its characteristics of good literature, steps and factor affecting purpose, sources and various research engines like google scholar and Pub med, he had shown the examples of how to search the literature on these data base.

Total duration of his session was 45 Minutes from 11.30 to 12.15pm.

**Total Number of Participants : Online Google Meet : 48 participants**

**Offline : 30 participants**

**Feedback :**

The session was exposed to questioning, in this students were asked the questions and doubts.

**Closure of the first day event :-** Mr. Muthu Kumaran was given the closing remarks and vote of thanks and he was shared how the faculty was prepared themselves to conduct the workshop only in 2 days and he shared the overview of tomorrow's schedule.

## Day 2 : SCIENTIFIC SESSIONS On 22/07/2021

### SESSION : 3



Dr. Narinderpal Singh, Dean of Research SGT University Gurgoan, discussed about the qualitative research design and its contents on subjective focus, characteristics, differences, sample, phases, various analysis tools, mixed research and rationale for conducting mixed research.

**Total duration** of his session was 1 hr.

### SESSION : 4

Next session was proceeded by Dr. Anupam Prakash Professor of Medicine, Lady Harding Medical College New Delhi on Scientific study design (Quantitative study design). It consists analytic cross sectional, case control and cohort study, he also explained the randomized controlled trial and its overview, types and design.



**Total duration** of his session was 45 minutes

### Feedback :

The session was exposed to questioning. Some students have raised their doubts and the answer was given based upon the questioning by Dr. Narinderpal Singh and Dr Anupam Prakash.

**Total Number of Participants : Online Google Meet : 57 participants**

**Offline : 30 participants**

**Closing of the event-** Mrs. Uma was given the closing remarks and vote of thanks and she summarized the whole session and she shared the schedule of next day of workshop.

### **Day 3 : SCIENTIFIC SESSIONS On 23/07/2021**

#### **SESSION : 5**

Dr. Thavamani, Ph.D.(N), Principal, Akal College of Nursing, Eternal University discussed about the sampling technique and sampling error in consisted way and easy understanding of the researchers. She explained the each and every techniques with examples.



**Total duration** : 30 minutes.

#### **SESSION : 6**

Next session was proceeded by Dr. Shiv Kumar, Principal, Tirupati College of Nursing, Udaipur, Rajasthan, on Sample Size calculation. It consists of Probability and non-probability sample size calculation. He explained in detail about the formulas for sample size calculation, precision, confidence interval, population mean and need for sample size calculation.

**Total duration** of his session was 45mintues

#### **SESSION : 7**

Dr. Narinderpal Singh, Dean of Research SGT University Gurgoan, discussed about the Ethical Challenges in Research.

#### **SESSION : 8**



Next session was proceeded by Dr. Aruna Nigam, Professor in OBG, Unit head, HIMSR, Delhi, on Plagiarism. Mam has briefly explained about the types of Plagiarism and penalty for the matters and how to avoid plagiarism. How to do citation and software's and online platforms for checking plagiarism was clearly explained by eminent resource person.

#### **Feedback :**

The session was exposed to questioning. Some students has raised their doubts and the answer was given based upon the questioning by Dr. Narinderpal Singh and Dr Shiv Kumar.

**Total Number of Participants: Online Google Meet : 60 participants**

**Offline : 30 participants**

**Closing of the event-** Mrs. Uma was given the closing remarks and vote of thanks and she was summarized the whole session and she shared the schedule of next day of workshop.

#### **Day 4 : SCIENTIFIC SESSIONS On 24/07/2021**

##### **SESSION : 9**

Dr. C.B.Patil, Psychologist, Akal Charitable Hospital on “Selection of Statistical Test”- Which test When to use?. He explained the each and every test such as Parametric and non-parametric test and when to use and how to use it. It was the wonderful session on statistics.



**Total duration :** 40 minutes.

##### **SESSION : 10**



Dr. Narinderpal Singh, Dean of Research SGT University Gurgaon, discussed about the Ethical Challenges in Research. How to Constitute Ethical Committee, Role and responsibilities of Ethical Committee was discussed briefly and elaborately.

**Total duration :** 40 minutes.

##### **Feedback :**

The session was exposed to questioning. Some students has raised their doubts and the answer was given based upon the questioning by Dr. Narinderpal Singh and Dr. Patil.

**Total Number of Participants: Online Google Meet : 60 participants**

**Offline : 30 participants**

**Closing of the event-** Mrs. Uma was given the closing remarks and vote of thanks and she was summarized the whole session and she shared the schedule of next day of workshop.

## VALEDICTION

On 24.07.2021, followed by the scientific session Dr.Anupama.K, Vice Principal, Akal College of Nursing delivered a vote of thanks. All the Dignitaries of Eternal University and Guests of Eternal University, Deans, HOD, Faculty and Students were acknowledged in her vote of thanks.



### Guest Speech: -

Chief Guest of Valedictory Function Dr. Col.Sahib Singh Advani, IIT, Director, Human Resource Development, Volunteer at Kalgidhar trust & Col. Prithipal Singh Anand, HOD of various departments & Volunteer at Kalgidhar trust for a few words and to blessed the students.



### Feedback Response of the Workshop :

Mr. Muthukumaran, Assistant Professor, Department of Community Health Nursing presented the work shop feedback report and same is appreciated by the eminent Guest and participants.



### Master of Ceremony:



Mrs. Uma, Professor, HOD Medical & Surgical Nursing hosted the Master of Ceremony for the entire Workshop Methodology.

## Food Committee:-

**MEMBER** : Ms. Manisha

### Helping Members: IV –Year B.Sc.(N) Students Batch 2017 -21

Ms. Vasudha  
Ms. Yoshika  
Ms. Payal  
Ms. Vasudha Gowtham  
Ms. Gurkirat Kaur  
Ms. Akshita Gupta  
Ms. Vanshika  
Ms. Somali

- Table and chairs were arranged at backside of the stage
- Drinking water were arranged at Tea Poi for the Guests
- A table was arranged in front of the Auditorium to distribute snacks and tea and a dustbin was placed to collect the used paper plates and tumblers.
- Mid-morning snacks with tea was provided on all four days of workshop.
- Everyday 60 plates of Snacks were distributed for the participants of the workshop.



## FEEDBACK :-

On 24.07.2021, Feedback form was developed by the committee members with the use of Google Form and got approved from Principal as follows: -

### Committee :-

Ms. Sameeksha

Ms. Babita Kumari

### Coordinator :- Mr. Muthukumaran

### Feedback Form

After Submission of the Feedback form you will receive e-certificate for the participation to your registered Email ID

**\* Required**

Email \*

Your email \_\_\_\_\_

1. NAME OF THE PARTICIPANT (Mention as you need in Certificate) \*

Your answer \_\_\_\_\_

2. DESIGNATION & DEPARTMENT (Mention as you need in Certificate) \*

Example : For Faculty "Professor in Medical and Surgical Nursing". For Students "1st Year M.Sc.(N) in Medical & Surgical Nursing". Respective Faculty and Students from other departments mention as per your Specialty and Department.

Your answer \_\_\_\_\_

3. Is that Research Methodology Workshop enhanced your knowledge on Research ? \*

Yes

No

4. How was the Session on Introduction and Overview of Research ? \*

Excellent

Very Good

Good

Average

5. How was the Session on Review of Literature (Search Engines) ? \*

Excellent

Very Good

Good

Average

6. How was the Session on Qualitative & Mixed Method of Research ? \*

Excellent

Very Good

Good

Average

7. How was the Session on Types of Quantitative Research ? \*

Excellent

Very Good

Good

Average

8 . How was the Session on Sampling Technique ? \*

- Excellent
- Very Good
- Good
- Average

12 . How was the Session on Selection of Statistical Test? \*

- Excellent
- Very Good
- Good
- Average

9 . How was the Session on Sample Size Calculation? \*

- Excellent
- Very Good
- Good
- Average

13 . How was the Session on Research Proposal for Funding Projects ? \*

- Excellent
- Very Good
- Good
- Average

10 . How was the Session on Ethical Challenges in Research ? \*

- Excellent
- Very Good
- Good
- Average

14. Please rate the Content of the Slides/Virtual Aids: \*

- |                       |                       |                       |                       |                       |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1                     | 2                     | 3                     | 4                     | 5                     |
| <input type="radio"/> |

11 . How was the Session on Plagiarism ? \*

- Excellent
- Very Good
- Good
- Average

15. Overall how satisfied were you with this Workshop? \*

- Very satisfied
- Satisfied
- Dissatisfied

16. Do you have any other comments or feedback? \*

- Yes
- No

If yes, give comment

Your answer

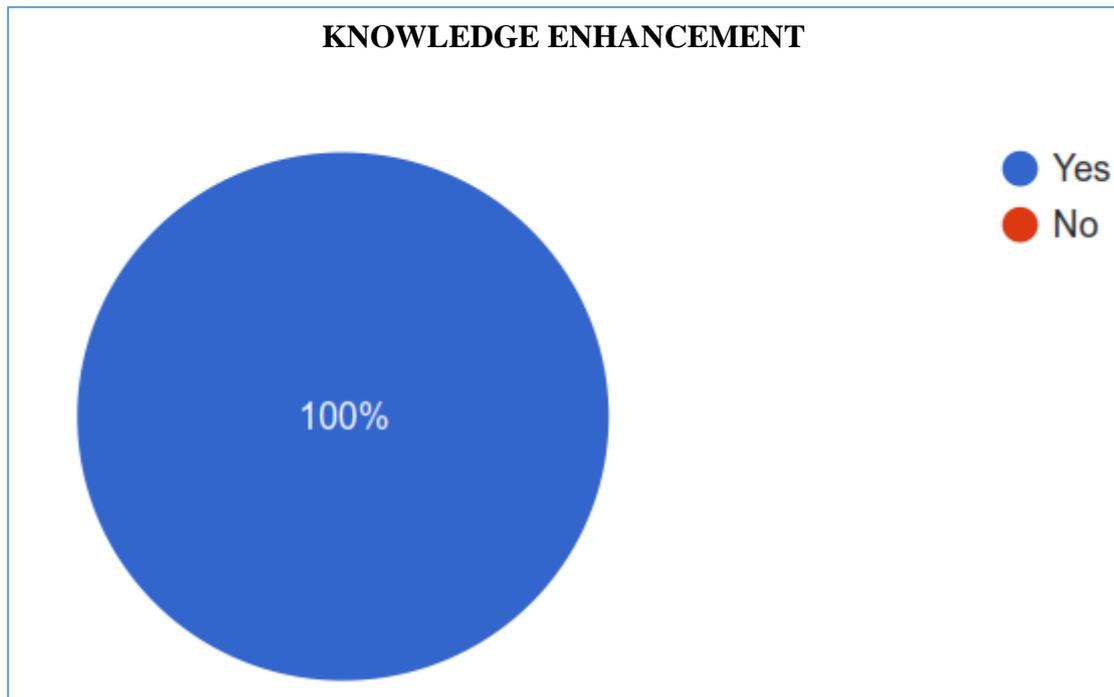
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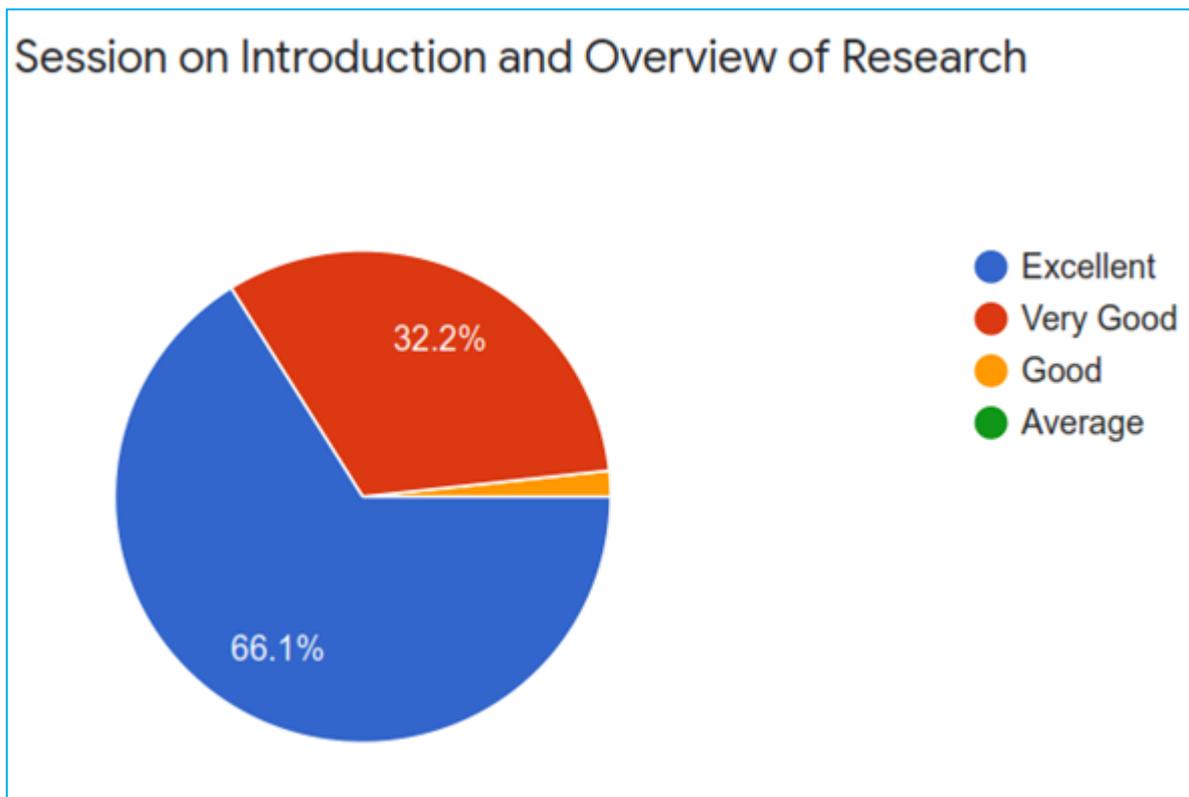
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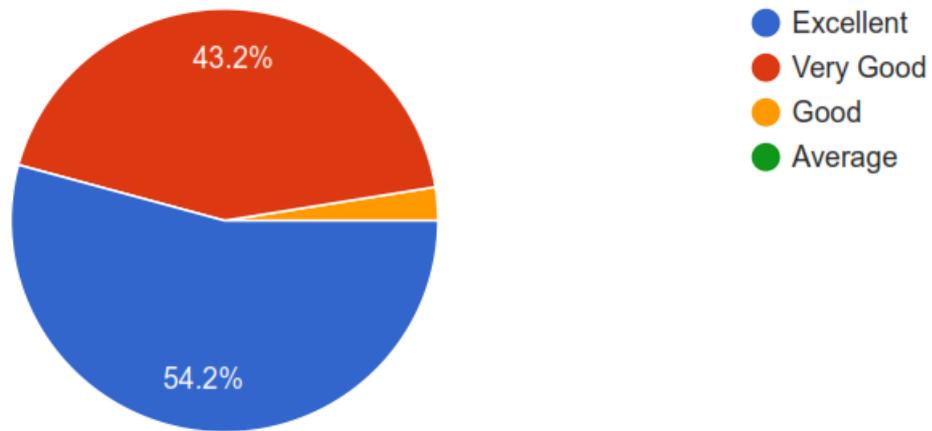
## Feedback Response from the Participants



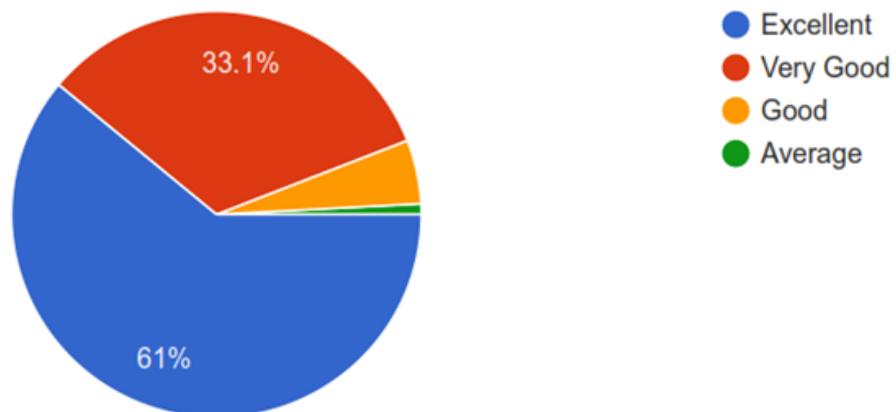
## Session on Introduction and Overview of Research



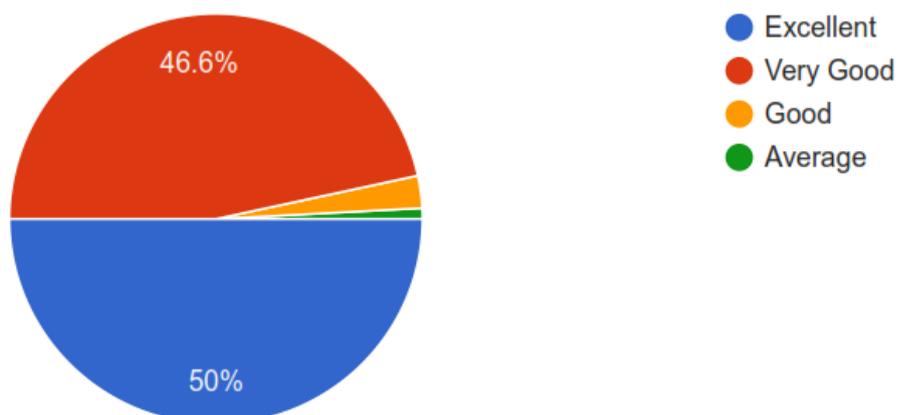
### Session on Review of Literature (Search Engines)



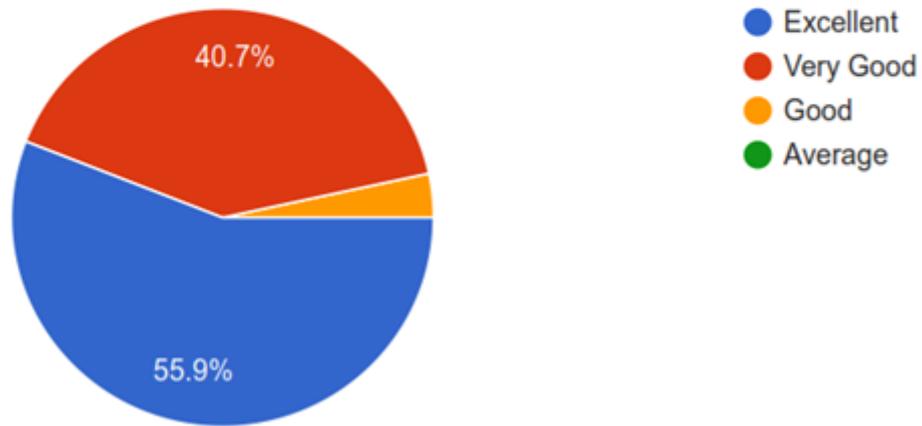
### Session on Qualitative & Mixed Method of Research



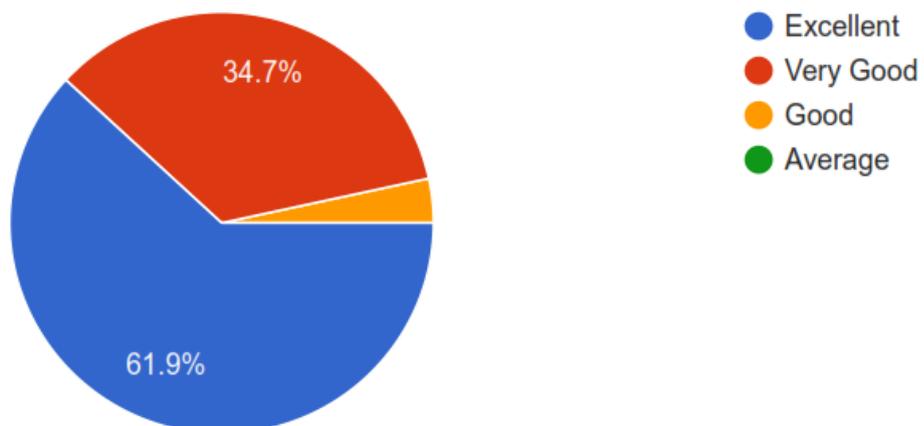
### Session on Types of Quantitative Research



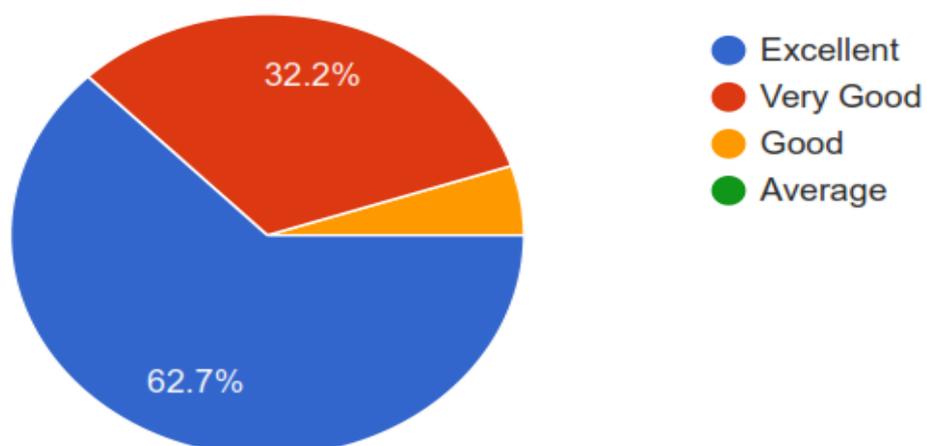
### Session on Sampling Technique



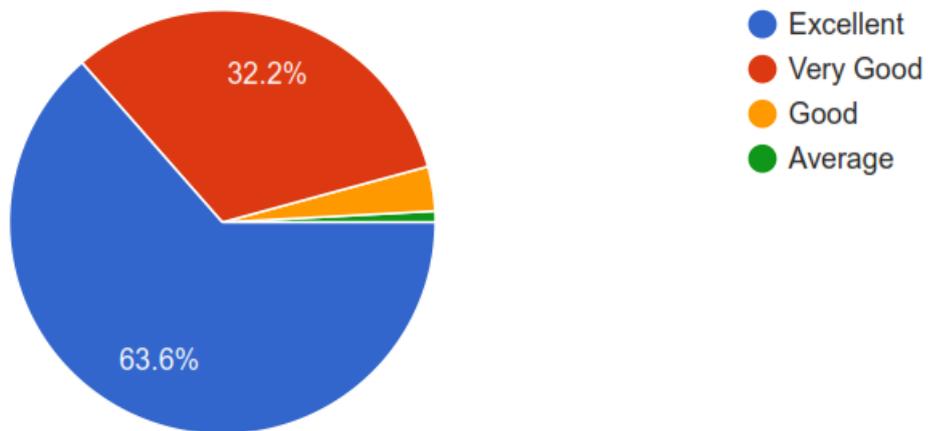
### Session on Sample Size Calculation



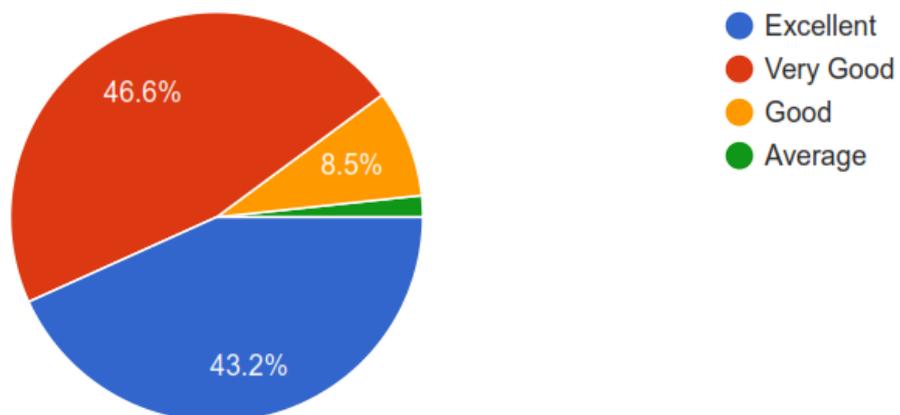
### Session on Ethical Challenges in Research



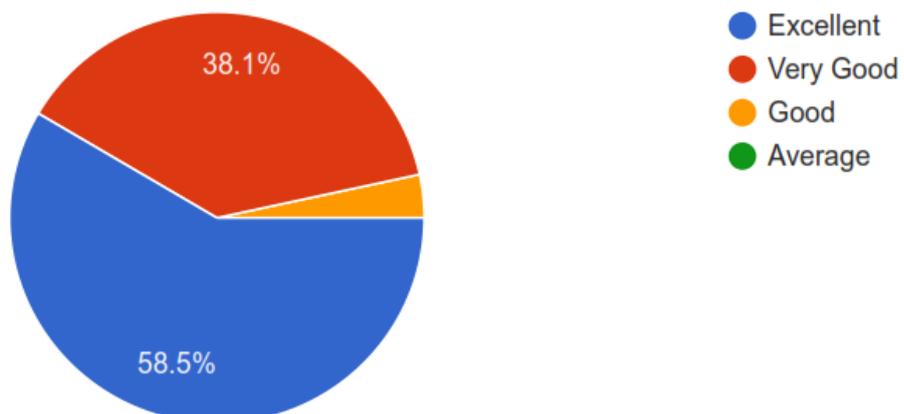
### Session on Plagiarism



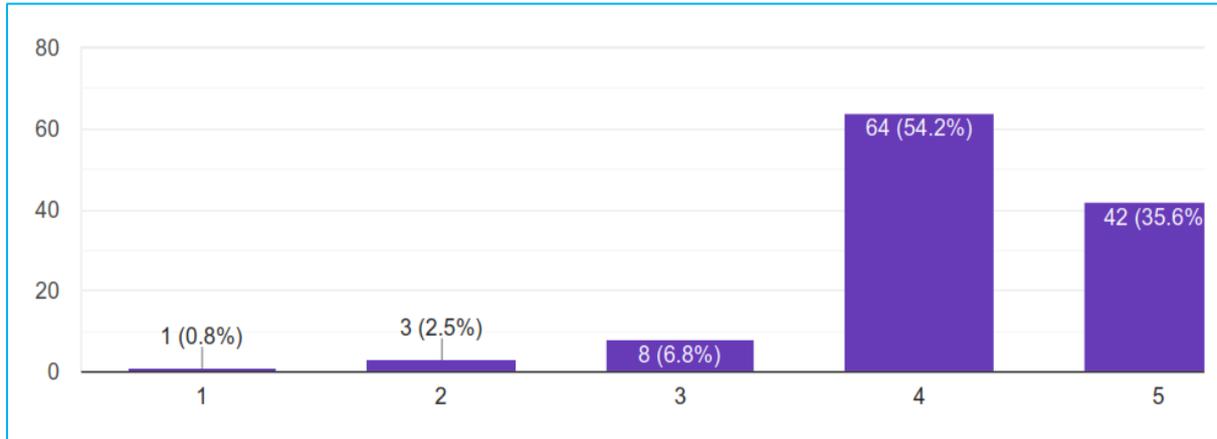
### Session on Selection of Statistical Test



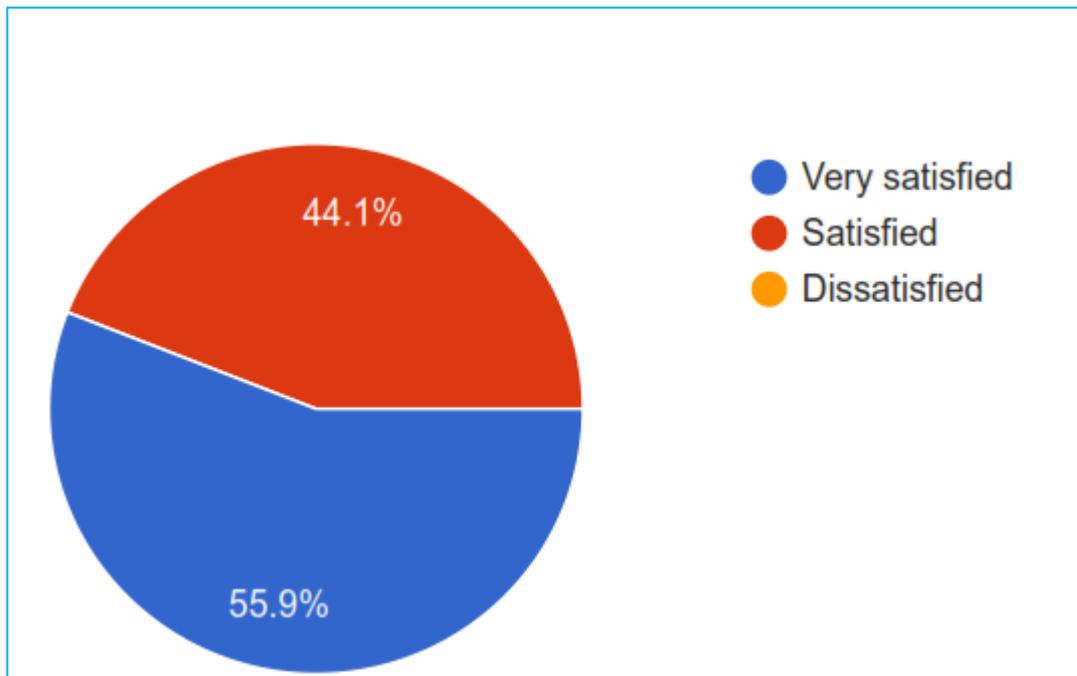
### Session on Research Proposal for Funding Projects



### Rating for the Content of the Slides/Virtual Aids:



### Overall Satisfaction of the Research Methodology



**GROUP PHOTO SESSION WAS ARRANGED**





**THANK YOU**