



Role and Importance of Ethical Consideration in Research

AMITA KUSHWAHA
Research Scholar,
Institute of Education, Bundelkhand
University, Jhansi UP
Bundelkhand University, Jhansi, India

DR. KAVYA DUBE
Research Supervisor and Associate Professor
Institute of Education, Bundelkhand
University, Jhansi UP
Bundelkhand University, Jhansi, India

Abstract:

If a doctor prescribes wrong medicine to a patient, the sufferer is only one person but if a researcher working in the field of education does not do his work honestly, the sufferer is the whole community. It is generally observed that research in Education is losing its credibility and prestige. Society no longer regards it as an instrument, which can bring change. The present paper discusses various important points which are related to the ethics in educational research and the need to define ethical code of conduct so that every researcher may realize that he is involved not only in research activity rather in a process of modifying the system of education, aiming to improve the life of individuals, society, community and ultimately the nation as a whole. On the basis of the result, various guidelines for researchers may be framed to carry out their work in ethically and justifiable manner.

Keywords: *Ethics, Ethical Consideration, Research and Educational Research*

1. Introduction

The protection of human subjects through the application of appropriate ethical principles is important in all research. Ethics plays an important role in our decision-making process as well as in research. Ethics deals with knowing what is wrong and what is right. Thus, it involves analyzing ethical decisions, beliefs, and action of line with different activities. Research ethics govern the standards of conduct for scientific researchers. It is important to adhere to ethical principles in order to protect the dignity, rights and welfare of research participants. As such, all research involving human beings should be reviewed by an ethics committee to ensure that the appropriate ethical standards are being upheld. Research ethics is closely related to the ethical principles of social responsibility. This research covers a wide context of working with people, so the researchers raised a task not only to gain confidence in the respondents' eyes, to receive reliable data, but also to ensure the transparency of the discipline. This paper tries to show the role and importance of ethical consideration in research on the basis of the views of the various research scholars.

Ethical issues are present in any kind of research. The research process creates tension between the aims of research to make generalizations for the good of others, and the rights of participants to maintain privacy. Ethics pertains to doing well and avoiding harm. Harm can be prevented or reduced through the application of appropriate ethical principles. Thus, the protection of human subjects or participants in any research study is imperative. Violations of human rights in the name of scientific research have been among the darkest events in history.

2. Review of Literature

Arifin Mohd S R, (2018) studied about the ethical considerations are important in all research area, the concern becomes more salient in qualitative research, particularly when involving vulnerable group of participants. It was the responsibility of the qualitative researcher to ensure participants to have a power of freedom of choice to involve in the study protect the participant's identity process and promote clear and honest research reporting without deception to readers.

Toom Kristel and Miller F Pamela, (2018) explained in their study that many inadequate decisions were made as a result of poor information. Their research actions can be treated as a form of research misconduct like fabrications, falsification or plagiarism. Sometimes the researchers made mistakes by poor record keeping, miscalculation, but research misconduct was considered only when researchers intend to deceive by deliberate falsification.

Abrar Mukhlash and Sidik Fzis Japar, (2019) critically discussed in their research paper about ethical considerations and methodological approach in relation to conducting research. With regard to research ethics, all general principles of ethics were considered. It was maintained that the explicit report on the ethical procedures of the research could be very useful to give the readers a complete picture of their research and to abolish unethical research assumptions.

Ethics is defined as the values and morals upheld during interaction with others during the collection of data and the dissemination of findings (Merriam, 1988). Some ethical considerations include an over-involvement of the researcher, confidentiality of data, the need to preserve the anonymity of participants and problems emerging from a misinterpretation of findings.

As in any research, the researcher should take responsibility for ensuring that guidelines and regulations are followed. Where there is an extensive analysis of participants' behavior and interaction over a period of time, the well-being, confidentiality, privacy and safety of individual participants must take precedence at all times.

In addition to this, the British Sociological Association code of ethics states that 'guarantees of confidentiality and anonymity given to research participants must be honored, unless there are clear and overriding reasons to do otherwise' (British Sociological Association, 1996).

3. Objectives

On the basis of the various review of literature and discussion the various important question related to the ethical consideration of the research scholar have been asked and all the factors affecting to it. Following are the objectives of the study-

- 1.To study the demographic profile of the research scholars this directly related to the ethics of research.
- 2.To analyze the various factors related to the role and importance of ethical consideration in research.

4. Hypotheses

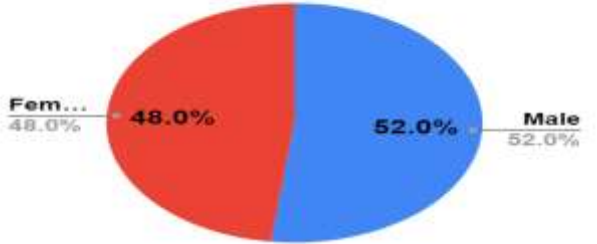
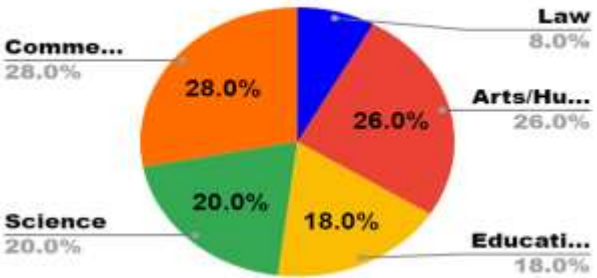
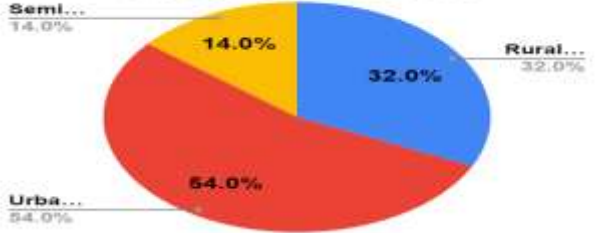
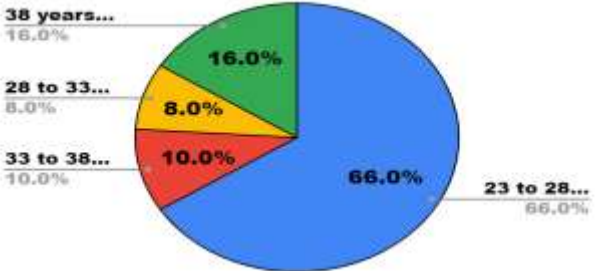
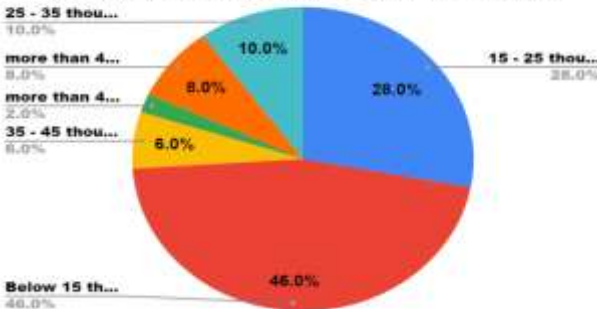
- 1.There is no association between demographic variables and ethical consideration of the scholars.
- 2.Ethical considerations do not affect the quality of the research.

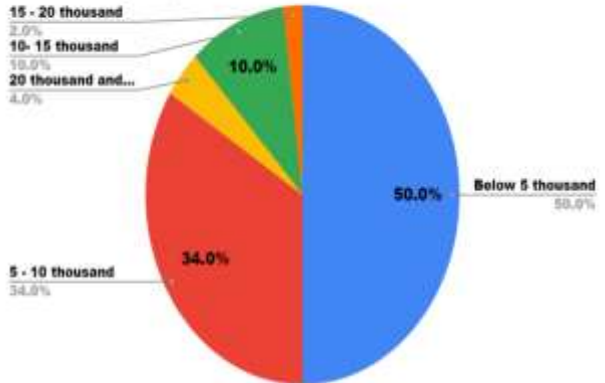
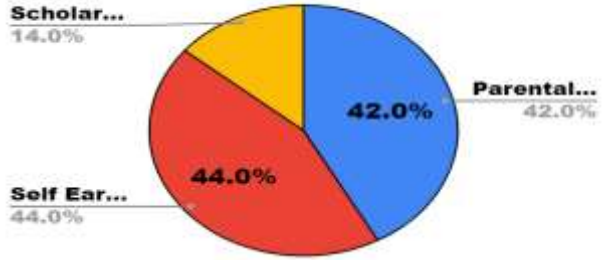
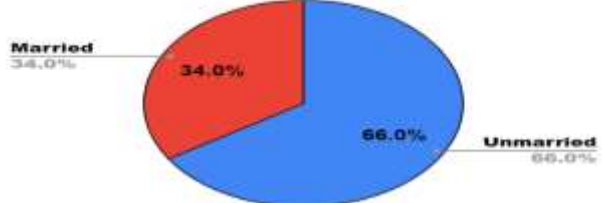
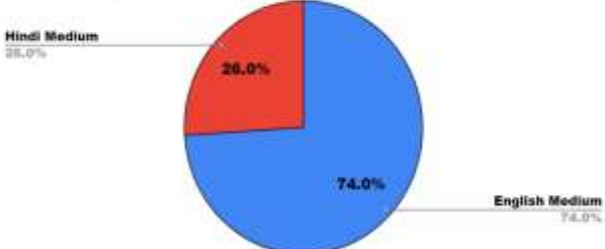
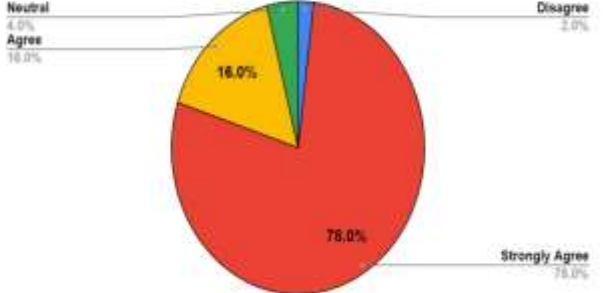
5. Research Methodology

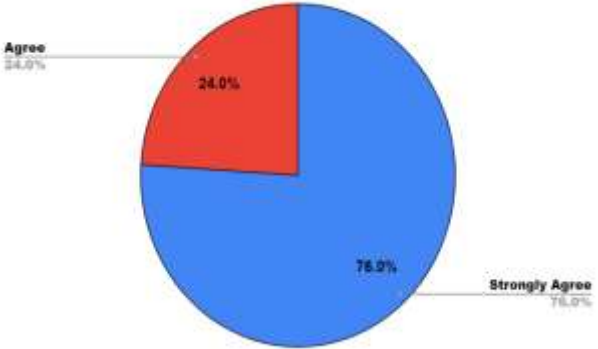
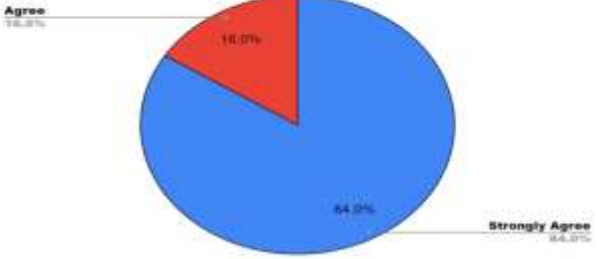
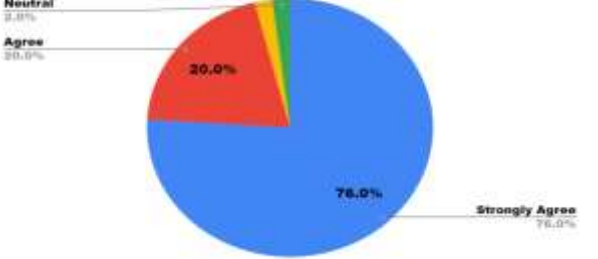
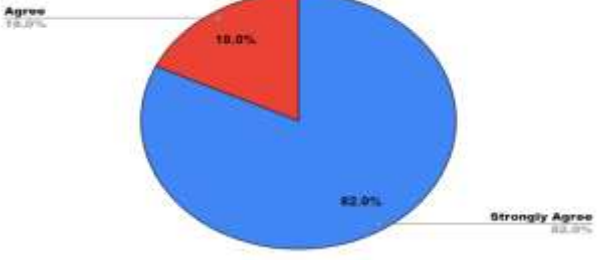
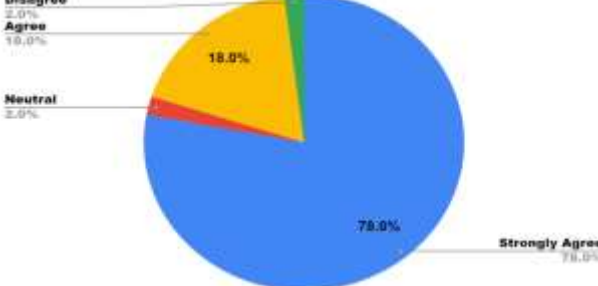
In order to execute the objectives and testing the hypothesis, the questionnaires have been framed of thirty questions and were filled by the fifty respondents of the various disciplines like arts/humanity, commerce, education, law and science. The sample distribution from arts and commerce were covered fifty percent while rest were covered by education, law and science discipline. The techniques used to describe the objectives and hypothesis were frequency distribution, pie chart, percentage and chi square test which is appropriate for showing the association between two qualitative variables. The purposive sampling method has been used to collect the data and all the questions have been analyzed through excel pie diagram. The study area for this study was Bundelkhand University, Jhansi only.

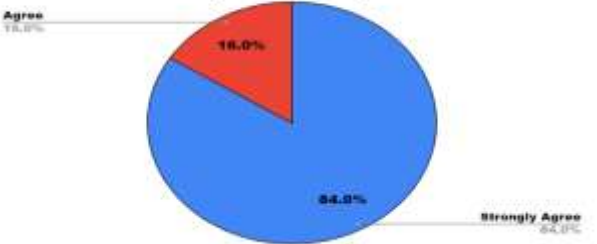
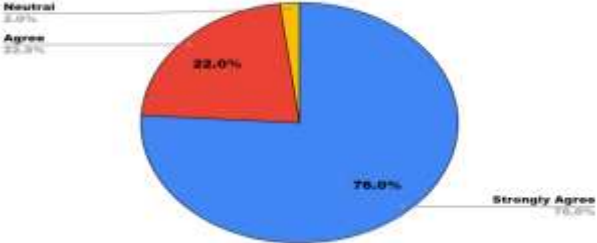
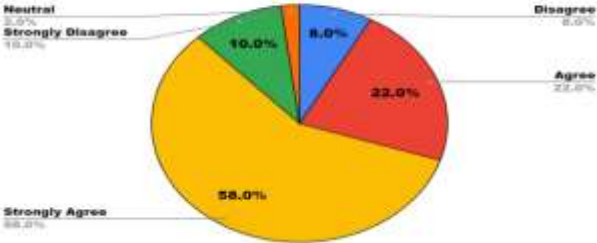
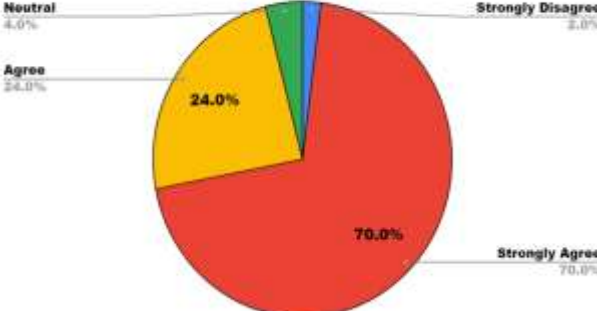
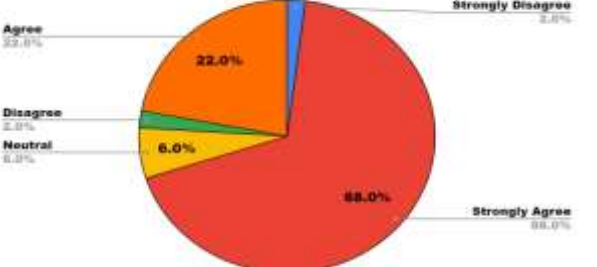
6. Analysis and Interpretation

In this study, the collected data has been analyzed by using pie chart to understanding the conclusion of the result. The question wise analysis and interpretation may be as follows.

Sr.	Analysis and Interpretation	Chart and Diagram												
1.	For the study, role and importance of ethical consideration in research data were collected to keep in the mind the equal participation of male and female. 52% of the respondents were male while 48% were the female.	<p style="text-align: center;">Gender</p>  <table border="1"> <caption>Gender Distribution</caption> <thead> <tr> <th>Gender</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Male</td> <td>52.0%</td> </tr> <tr> <td>Female</td> <td>48.0%</td> </tr> </tbody> </table>	Gender	Percentage	Male	52.0%	Female	48.0%						
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2.	In the study, 26% respondents were from arts/humanity/social science discipline, 28% from commerce, 20% from science, 18% from education and 8% from the law. So it was the appropriate combination of all the discipline.	<p style="text-align: center;">Discipline</p>  <table border="1"> <caption>Discipline Distribution</caption> <thead> <tr> <th>Discipline</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Commerce</td> <td>28.0%</td> </tr> <tr> <td>Arts/Humanity/Social Science</td> <td>26.0%</td> </tr> <tr> <td>Education</td> <td>18.0%</td> </tr> <tr> <td>Science</td> <td>20.0%</td> </tr> <tr> <td>Law</td> <td>8.0%</td> </tr> </tbody> </table>	Discipline	Percentage	Commerce	28.0%	Arts/Humanity/Social Science	26.0%	Education	18.0%	Science	20.0%	Law	8.0%
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3.	Out of the total 50 respondents, 54% were from the urban area, 32% of the respondents were from rural and rest 14% of the respondents were from the semi-urban like tehsils, block etc.	<p style="text-align: center;">Residential Area</p>  <table border="1"> <caption>Residential Area Distribution</caption> <thead> <tr> <th>Residential Area</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Urban</td> <td>54.0%</td> </tr> <tr> <td>Rural</td> <td>32.0%</td> </tr> <tr> <td>Semi-urban</td> <td>14.0%</td> </tr> </tbody> </table>	Residential Area	Percentage	Urban	54.0%	Rural	32.0%	Semi-urban	14.0%				
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4.	In the study, 66% of the scholars have the age between 23 to 28 years while 34% of the scholars are having between 28 to 38 years. It shows the most of the passion about research in the younger's up to 28 years.	<p style="text-align: center;">Age of Research Scholar</p>  <table border="1"> <caption>Age of Research Scholar Distribution</caption> <thead> <tr> <th>Age Group</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>23 to 28 years</td> <td>66.0%</td> </tr> <tr> <td>28 to 33 years</td> <td>8.0%</td> </tr> <tr> <td>33 to 38 years</td> <td>10.0%</td> </tr> <tr> <td>38 years and above</td> <td>16.0%</td> </tr> </tbody> </table>	Age Group	Percentage	23 to 28 years	66.0%	28 to 33 years	8.0%	33 to 38 years	10.0%	38 years and above	16.0%		
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5.	Around 46 % of the respondents have the monthly income below 15 thousand, 28% of the respondents have between 15 thousand to 25 thousand rests 26% respondents were up to 45 thousand. It shows that 74% respondents have the monthly income up to 25 thousand.	<p style="text-align: center;">Monthly Income of Research Scholar</p>  <table border="1"> <caption>Monthly Income of Research Scholar Distribution</caption> <thead> <tr> <th>Monthly Income</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Below 15 thousand</td> <td>46.0%</td> </tr> <tr> <td>15 - 25 thousand</td> <td>28.0%</td> </tr> <tr> <td>25 - 35 thousand</td> <td>10.0%</td> </tr> <tr> <td>35 - 45 thousand</td> <td>8.0%</td> </tr> <tr> <td>more than 45 thousand</td> <td>2.0%</td> </tr> </tbody> </table>	Monthly Income	Percentage	Below 15 thousand	46.0%	15 - 25 thousand	28.0%	25 - 35 thousand	10.0%	35 - 45 thousand	8.0%	more than 45 thousand	2.0%
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<p>6.</p>	<p>In compare to monthly income, 50% of the respondents have monthly expenditure up to 5 thousand, 34 % of the respondents have between 5 to 10 thousand rest of the 16% respondents have monthly expenditure done for research work between 15 thousand or more than that of 15 thousand.</p>	<p>Monthly Expenditure done for Research Work</p>  <table border="1"> <thead> <tr> <th>Expenditure Category</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Below 5 thousand</td> <td>50.0%</td> </tr> <tr> <td>5 - 10 thousand</td> <td>34.0%</td> </tr> <tr> <td>10 - 15 thousand</td> <td>10.0%</td> </tr> <tr> <td>15 - 20 thousand</td> <td>2.0%</td> </tr> <tr> <td>20 thousand and above</td> <td>4.0%</td> </tr> </tbody> </table>	Expenditure Category	Percentage	Below 5 thousand	50.0%	5 - 10 thousand	34.0%	10 - 15 thousand	10.0%	15 - 20 thousand	2.0%	20 thousand and above	4.0%
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<p>7.</p>	<p>In my research work, 44% of the scholars have self earnings, 42% of the respondents have financial supported by the parents and 14% of the scholars have supported the fellowship of recognized body.</p>	<p>Financial Support</p>  <table border="1"> <thead> <tr> <th>Support Category</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Self Earnings</td> <td>44.0%</td> </tr> <tr> <td>Parental Support</td> <td>42.0%</td> </tr> <tr> <td>Scholar Support</td> <td>14.0%</td> </tr> </tbody> </table>	Support Category	Percentage	Self Earnings	44.0%	Parental Support	42.0%	Scholar Support	14.0%				
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<p>8.</p>	<p>About the marital status of the research scholar, most of the scholars 66% were married while 34% were unmarried. Hence unmarried scholars are more than married scholars.</p>	<p>Marital Status of Research Scholar</p>  <table border="1"> <thead> <tr> <th>Marital Status</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Unmarried</td> <td>66.0%</td> </tr> <tr> <td>Married</td> <td>34.0%</td> </tr> </tbody> </table>	Marital Status	Percentage	Unmarried	66.0%	Married	34.0%						
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<p>9.</p>	<p>About the medium of writing thesis or dissertation 74% of the scholars would prefer to write their thesis in English medium while 26% of the scholars would prefer to write in Hindi medium.</p>	<p>Medium of Writing of Thesis/Dissertation</p>  <table border="1"> <thead> <tr> <th>Medium</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>English Medium</td> <td>74.0%</td> </tr> <tr> <td>Hindi Medium</td> <td>26.0%</td> </tr> </tbody> </table>	Medium	Percentage	English Medium	74.0%	Hindi Medium	26.0%						
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<p>10.</p>	<p>Around 78% of the scholars were believed that the information of the respondents should be kept confidential and use only for the committed purpose while 16% agree, 4% neutral and 2% were disagree. It may conclude that the data should be kept confidential.</p>	<p>The information of respondents should be kept confidential</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>78.0%</td> </tr> <tr> <td>Agree</td> <td>16.0%</td> </tr> <tr> <td>Neutral</td> <td>4.0%</td> </tr> <tr> <td>Disagree</td> <td>2.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	78.0%	Agree	16.0%	Neutral	4.0%	Disagree	2.0%		
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<p>11.</p>	<p>Around 76% of the respondents strongly agree for proper recognition after including other person's work while 24% of the only supported to proper recognition for the other person's work. It may be concluded that proper recognition should be given.</p>	<p>Proper Recognition after including other Person's Work</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>76.0%</td> </tr> <tr> <td>Agree</td> <td>24.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	76.0%	Agree	24.0%				
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<p>12.</p>	<p>All the research scholars were agreed that the data collection must be genuine. 84% were strongly agreed while 16% were agreed for it. It may be concluded that data collection should be genuine.</p>	<p>Data collection should be genuine.</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>84.0%</td> </tr> <tr> <td>Agree</td> <td>16.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	84.0%	Agree	16.0%				
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<p>13.</p>	<p>About the researchers should not adopt biased behavior while collecting data from respondents, 76% of the respondents were strongly agree, 20% agree, 2% neutral and rest were not agree. Hence conclusion is that researchers must be impartial.</p>	<p>Researchers should not adopt biased behavior while collecting data from respondents</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>76.0%</td> </tr> <tr> <td>Agree</td> <td>20.0%</td> </tr> <tr> <td>Neutral</td> <td>2.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	76.0%	Agree	20.0%	Neutral	2.0%		
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<p>14.</p>	<p>About the data/results revealed should be genuine, 82% of the respondents were strongly agreed while 18% were agreed. It may be concluded that data/ result revealed should be genuine.</p>	<p>The data/results revealed should be genuine</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>82.0%</td> </tr> <tr> <td>Agree</td> <td>18.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	82.0%	Agree	18.0%				
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<p>15.</p>	<p>About the importance of the research work, 78% of the respondents were agreed that it should be contribute to the society while 18% agree, 2% neutral and 2% disagree. Hence the conclusion is that it should be contribute to the society.</p>	<p>Research should contribute to society</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>78.0%</td> </tr> <tr> <td>Agree</td> <td>18.0%</td> </tr> <tr> <td>Neutral</td> <td>2.0%</td> </tr> <tr> <td>Disagree</td> <td>2.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	78.0%	Agree	18.0%	Neutral	2.0%	Disagree	2.0%
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<p>16.</p>	<p>About the outcome of the research should not harm the sentiments or image of any person or group, 84% of the respondents were strongly agreed while 16% of the respondents were agreed.</p>	<p>It should not harm the sentiments or image of any person/ group</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>84.0%</td> </tr> <tr> <td>Agree</td> <td>16.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	84.0%	Agree	16.0%				
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<p>17.</p>	<p>About the research should be conducted as per process, 76% of the respondents were strongly agreed, 22% agreed and 2% were in neutral position. Hence conclusion is that research should be conducted as per the process.</p>	<p>Research should be conducted as per the process</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>76.0%</td> </tr> <tr> <td>Agree</td> <td>22.0%</td> </tr> <tr> <td>Neutral</td> <td>2.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	76.0%	Agree	22.0%	Neutral	2.0%		
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Agree	22.0%											
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<p>18.</p>	<p>About the data manipulation should be ignored whether the results are correct or not, 58% were strongly agreed, 22% agreed, 2% neutral and around 18% of the respondents were disagreed.</p>	<p>Data manipulation should be ignored whether the results are correct or not</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>58.0%</td> </tr> <tr> <td>Agree</td> <td>22.0%</td> </tr> <tr> <td>Strongly Disagree</td> <td>18.0%</td> </tr> <tr> <td>Neutral</td> <td>2.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	58.0%	Agree	22.0%	Strongly Disagree	18.0%	Neutral	2.0%
Response	Percentage											
Strongly Agree	58.0%											
Agree	22.0%											
Strongly Disagree	18.0%											
Neutral	2.0%											
<p>19.</p>	<p>About the research should be conducted considering a time frames, 70% of the respondents were strongly agreed, 24% agreed, 4% neutral and 2% were disagreed. Hence the conclusion is that research should be conducted considering the time frame.</p>	<p>Research should be conducted considering a time frame</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>70.0%</td> </tr> <tr> <td>Agree</td> <td>24.0%</td> </tr> <tr> <td>Neutral</td> <td>4.0%</td> </tr> <tr> <td>Strongly Disagree</td> <td>2.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	70.0%	Agree	24.0%	Neutral	4.0%	Strongly Disagree	2.0%
Response	Percentage											
Strongly Agree	70.0%											
Agree	24.0%											
Neutral	4.0%											
Strongly Disagree	2.0%											
<p>20.</p>	<p>In reference to while reviewing existing literature other's expression of facts should not be changed according to your judgments, 68% were strongly agreed, 22% agreed, 6% neutral and rest 4% of the respondents were not agreed.</p>	<p>While reviewing existing literature other's expression of facts should not be changed according to your own judgment</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>68.0%</td> </tr> <tr> <td>Agree</td> <td>22.0%</td> </tr> <tr> <td>Neutral</td> <td>6.0%</td> </tr> <tr> <td>Disagree</td> <td>4.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	68.0%	Agree	22.0%	Neutral	6.0%	Disagree	4.0%
Response	Percentage											
Strongly Agree	68.0%											
Agree	22.0%											
Neutral	6.0%											
Disagree	4.0%											

<p>21.</p>	<p>About monetary consideration should not affect your research whereas research should be predesigned as per available financial support, 94% of the respondents were agreed, 2% in neutral position and 4% disagreed. Hence money does not matter.</p>	<p>Monetary consideration should not affect your research whereas research should be predesigned as per available financial support</p> <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>94.0%</td> </tr> <tr> <td>Agree</td> <td>26.0%</td> </tr> <tr> <td>Neutral</td> <td>2.0%</td> </tr> <tr> <td>Strongly Disagree</td> <td>4.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	94.0%	Agree	26.0%	Neutral	2.0%	Strongly Disagree	4.0%
Response	Percentage											
Strongly Agree	94.0%											
Agree	26.0%											
Neutral	2.0%											
Strongly Disagree	4.0%											
<p>22.</p>	<p>About the research attitudes do not affect the ethics of the scholars, 68% of the respondents were agreed, and 10% neutral and 22% of the respondents were disagreed. Hence conclusion is that attitude does not affect the ethics of the scholars.</p>	<p>Research attitudes do not affect the ethics of research scholars</p> <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>44.0%</td> </tr> <tr> <td>Agree</td> <td>24.0%</td> </tr> <tr> <td>Disagree</td> <td>20.0%</td> </tr> <tr> <td>Neutral</td> <td>10.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	44.0%	Agree	24.0%	Disagree	20.0%	Neutral	10.0%
Response	Percentage											
Strongly Agree	44.0%											
Agree	24.0%											
Disagree	20.0%											
Neutral	10.0%											
<p>23.</p>	<p>About the association between research aptitude, attitude and ethical consideration, 52% of the respondent were agreed, 10% neutral and 38% of the respondents were disagreed. Hence conclusion is that there is no association between research aptitude, attitude, and ethical consideration.</p>	<p>There is no association between research aptitude, attitude, and ethical consideration</p> <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>40.0%</td> </tr> <tr> <td>Disagree</td> <td>38.0%</td> </tr> <tr> <td>Agree</td> <td>12.0%</td> </tr> <tr> <td>Neutral</td> <td>10.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	40.0%	Disagree	38.0%	Agree	12.0%	Neutral	10.0%
Response	Percentage											
Strongly Agree	40.0%											
Disagree	38.0%											
Agree	12.0%											
Neutral	10.0%											
<p>Testing the Hypothesis</p>												
<p>24.</p>	<p>About the ethical consideration is associated with the demographic profile of the scholar, only 34% of the respondents were agreed, 20% of the respondents were neutral and 46% of the respondents were disagreed. Hence it may be concluded that ethical consideration do not associated with the demographic profile of the scholars.</p>	<p>Do you think that the ethical consideration is associated with the demographic profile of the scholar?</p> <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Disagree</td> <td>46.0%</td> </tr> <tr> <td>Strongly Agree</td> <td>28.0%</td> </tr> <tr> <td>Disagree</td> <td>30.0%</td> </tr> <tr> <td>Neutral</td> <td>20.0%</td> </tr> </tbody> </table>	Response	Percentage	Disagree	46.0%	Strongly Agree	28.0%	Disagree	30.0%	Neutral	20.0%
Response	Percentage											
Disagree	46.0%											
Strongly Agree	28.0%											
Disagree	30.0%											
Neutral	20.0%											

<p>25.</p>	<p>About the ethical consideration does not affect the quality of doctoral research, 56% of the respondents were agreed, 6% were neutral and 38% of the respondents were disagreed. Hence it may be concluded that ethical consideration affect the quality of the doctoral research.</p>	<p>Ethical consideration does not affect the quality of doctoral research</p> <table border="1"> <caption>Data for Pie Chart: Ethical consideration does not affect the quality of doctoral research</caption> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly Agree</td> <td>42.0%</td> </tr> <tr> <td>Disagree</td> <td>8.0%</td> </tr> <tr> <td>Agree</td> <td>14.0%</td> </tr> <tr> <td>Neutral</td> <td>6.0%</td> </tr> <tr> <td>Strongly Disagree</td> <td>30.0%</td> </tr> </tbody> </table>	Response	Percentage	Strongly Agree	42.0%	Disagree	8.0%	Agree	14.0%	Neutral	6.0%	Strongly Disagree	30.0%
Response	Percentage													
Strongly Agree	42.0%													
Disagree	8.0%													
Agree	14.0%													
Neutral	6.0%													
Strongly Disagree	30.0%													

7. Conclusion

In this research paper, 25 parameters were setup to fulfill the objectives and hypothesis and it could be seen in analysis and interpretation. All the parameters are directly concerned with the role and importance of ethical consideration in research. Demographical variables like gender, discipline, residential area, age, monthly income and expenditure, financial support, marital status and medium of research were considered and analyzed in reference to role and importance of ethical consideration in research. Other important observations and conclusions may be as follows.

1. Information of the research scholars must be kept confidential.
2. Proper recognition must be given after including their work.
3. Data collection should be genuine.
4. Researchers should be impartial while collecting the data.
5. Results revealed should be genuine.
6. Research should contribute to the society.
7. The outcome of research should not harm the sentiments or image of the person.
8. Research should be conducted as per the process.
9. Data manipulation should be ignored whether the result are correct or not.
10. Research should be conducted considering the time frame.
11. Other's expression of facts should not be changed according to your judgments.
12. Money consideration should not affect your research.
13. Attitude does not affect the ethics of the scholars.
14. There is no association between research aptitude, attitude and ethical consideration.
15. Ethical consideration do not associated with the demographic profile of the scholars.
16. Ethical consideration directly affects the quality of doctoral research.

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