

# Relationship between Academic Achievements and Ethical Consideration in Research

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## Abstract

Academic achievement refers to performance outcomes in intellectual domains taught at school, college, and university. As an indicator of intellectual education, academic achievement is the most important prerequisite for individual, in research and social prosperity. Higher education institutions play a pivotal role in producing qualified human power that enables solving the real problems of a community through their research activities. Education is a powerful agent of change that improves the researches outcomes, health and livelihoods and contributes to social stability. At the micro-level, it is associated with better living standards for individuals through improved productivity; through higher ethical and moral values; given that those who have received a higher education tend to have more economic and social opportunities. At the macro level, education builds well-informed and skilled human capital, which has been considered an engine of economic growth, which positively contributes to educational research outcomes, ethical consideration and economic development. However, gaining knowledge, attitudes, values, and skills through education is not a simple task; rather it is a long and challenging trip in life. Students are expected to spend much of their time studying and need to graduate with good academic results. Through this research paper, it has been try to establish the relationship between academic achievement and ethical consideration in doctoral research. In this research paper it has been assumed that higher the academic achievement, higher the ethical consideration and higher level the outcomes of the research.

**Keywords:** Academic Achievement, Ethical Consideration, Research Scholar

## 1. Introduction

For students, research scholars' academic achievement and ethical consideration are the two important parameters of research. Students are expected to spend much of their time on their education and need to graduate with good academic results. Academically good students have better employment benefits, higher income, higher self-esteem and self-confidence, low levels of anxiety and depression, and are less likely to engage in substance abuse and they find most suitable for the doctoral research. In research of any subject, ethics and ethical consideration are important, because in absence of ethics the research outcomes will not fruitful for the society.

Academic excellence of students has been the goal of most higher education institutions. It is because of the assumption that those who excel in their academic endeavors will soon become competent professionals, contributing to the advancement of their respective industries and of the societies they are

part of. Therefore, colleges and universities in particular exert all efforts in instilling in their students the significance of academic excellence, thus, challenging them to strive for it.

That is why this topic has to consider for research and it has been try to establish the relationship between academic achievement and ethical consideration in doctoral research. In this research paper it has been assumed that higher the academic achievement, higher the ethical consideration and higher level the outcomes of the research.

**Objective:**

- 1- To analysis the relationship between academic achievement and ethical consideration of research scholar.
- 2- To trace new opportunity derive from the academic achievement.

**Hypothesis:** There is no association between academic achievement and ethical consideration.

## 2. Literature Review

Suvarna V D and Bhata H S Ganesha (2015) discussed the academic achievement and the personality of secondary school students with the help of The Raven's Standard Progress Matrices. Result reflects that there was negligible positive relationship between Academic Achievement and Personality of Secondary School Students. It was very essential to emulate the Personality Traits to help learners to develop suitable Personality Type which in-turn boost up their Academic Achievement.

Dev Meenu, (2016) studied the factors affecting the academic achievement of elementary school students. The study was to investigate and analyze the relationship of general mental ability, interest and home environment with academic achievement. The study revealed that general mental ability, home environment, interest and academic achievement were significantly and positively correlated whereas the high scores of girls indicate that they were superior to boys.

Gbollie Charles and Keamu H P, (2017) reported in their research articles that the nature of motivation and learning strategy use was vital to improving student learning outcomes. This study was intended to explore the motivational beliefs and learning strategy use by Liberian junior and senior high school students in connection with their academic performance. Motivated Strategies for Learning Questionnaire (MSLQ) was adapted and 12 potential learning hindrances were identified and used as instruments.

Upadhayay S K, (2017) examined the academic achievement of male and female in senior secondary school students and found that there was no significant difference. He also found the no significant difference between study habits of male and female. He found the direct relationship between academic achievement and study habits of senior secondary school students.

Bhat Mehraj Ahmad, (2013) studied about academic achievement of secondary school students in relation to self-concept and parental encouragement and found that family, parents and community involvement in education affect both academic achievement as well as school improvement. Strong school family community partnership fosters educational aspirants and motivates the students. It was widely accepted that if students are to take full advantage of their potential from schooling they will need the full support of their parents. It was anticipated that parents should play a role not only in the promotion of their own children's achievements but more broadly in school improvement and democratization of school governance.

Steinmayr Ricarda et al, (2019) concluded their study that how different aspects of students' motivation uniquely contribute to differences in students' achievement. They demonstrated the relative importance of students' ability self-concepts, their task values, learning goals, and achievement motives for students'

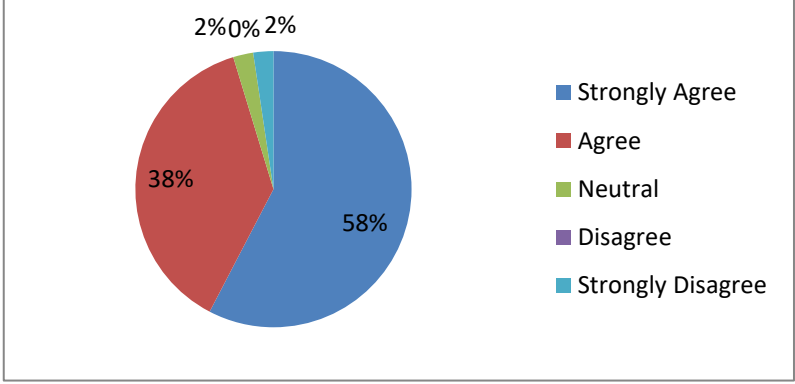
grades in different academic subjects above and beyond intelligence and prior achievement. Therefore, there was evidence that believing in own competences is advantageous with respect to academic achievement.

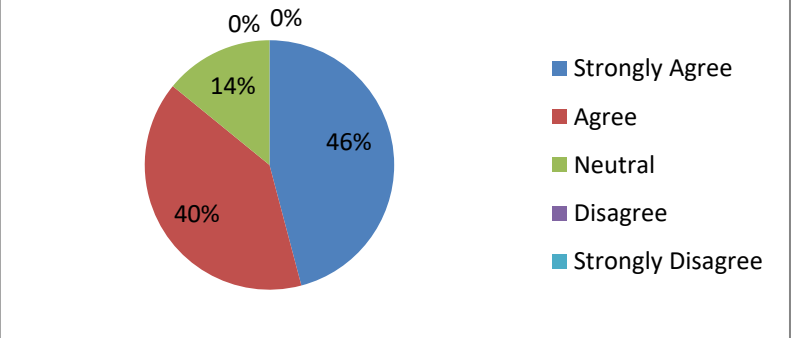
### 3. Research Methodology

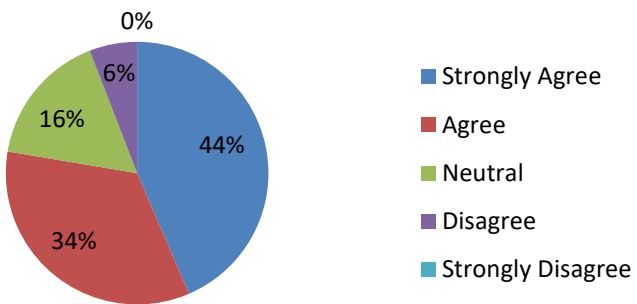
The data collocation for the research has been based on 85 respondents of research scholars, faculty members of Bundelkhand University and the post graduate students. Out of the 85 respondent, science commerce, arts and educations subjects have been taken for the responses. The purposive sampling method 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.

### 4. Result Analysis

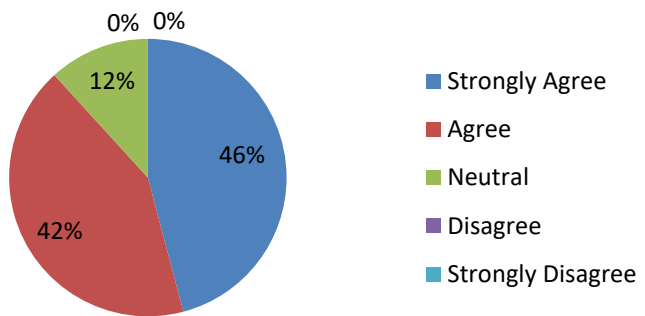
In this study, the collected data has been analyzed by using pie chart to understanding the conclusion of the result. Out of 85 respondents, 25 were faculty members, 50 were the doctoral research scholar and 10 were the post graduate students. Subject wise 20 from science, 20 from commerce, 23 from arts and 22 from the education.

Ques. 1			A good academic achievement will give the scholar a good sense of task accomplishment.	
S. No.	Options	Response		
1	Strongly Agree	49		
2	Agree	32		
3	Neutral	2		
4	Disagree	0		
5	Strongly Disagree	2		
Total		85		
<b>Interpretation:</b> Around 96 % of the respondents were agreed that a good academic achievement will give the scholar a good sense of task accomplishment. It may be concluded that academic achievement is important for the research.				

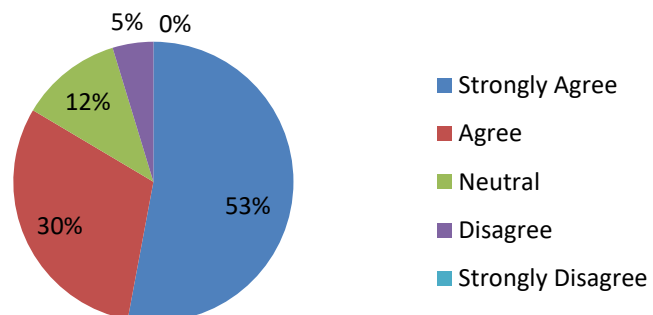
Ques. 2			Academic achievement can lead to better job opportunities for the research scholars.	
S. No.	Options	Response		
1	Strongly Agree	39		
2	Agree	34		
3	Neutral	12		
4	Disagree	0		
5	Strongly Disagree	0		
Total		85		
<b>Interpretation:</b> In this again 86% of the respondents were agreed that academic achievement can lead to better job opportunities for the research scholars.				

Ques. 3			Academic achievement can help scholars in developing essential life skills.	
S. No.	Options	Response		
1	Strongly Agree	37		
2	Agree	29		
3	Neutral	14		
4	Disagree	5		
5	Strongly Disagree	0		
Total		85		

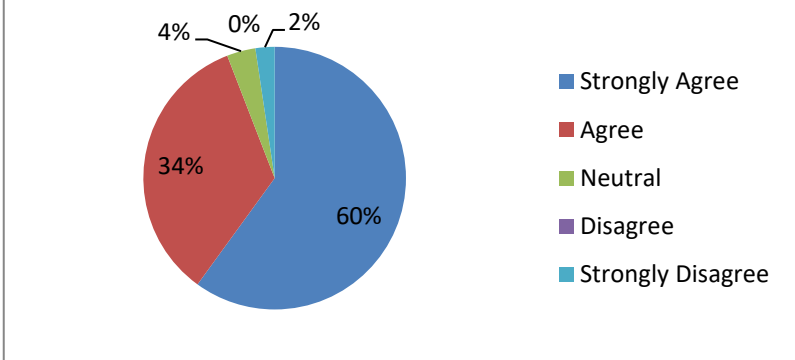
**Interpretation:** In this, 78% of the respondents supported that academic achievement can help scholars in developing essential life skills, 16 % of the respondents are neutral while 6% were disagreed.

Ques. 4			Academic achievement can help scholars to develop a passion for learning and research activities.	
S. No.	Options	Response		
1	Strongly Agree	39		
2	Agree	36		
3	Neutral	10		
4	Disagree	0		
5	Strongly Disagree	0		
Total		85		

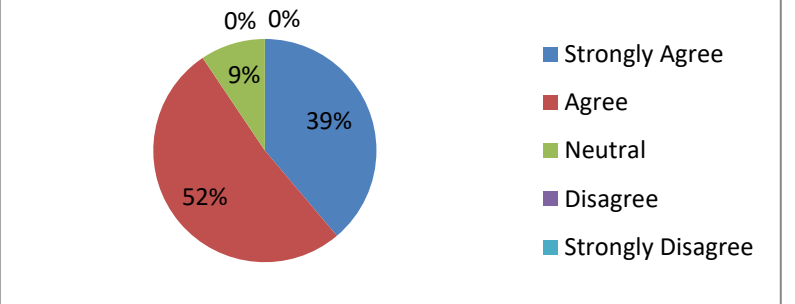
**Interpretation:** 88% of the respondents were supported that academic achievement can help scholars to develop a passion for learning and research activities while 10% were neutral about it.

Ques. 5			Academic achievement can help scholars in developing strong work ethics.	
S. No.	Options	Response		
1	Strongly Agree	45		
2	Agree	26		
3	Neutral	10		
4	Disagree	4		
5	Strongly Disagree	0		
Total		85		

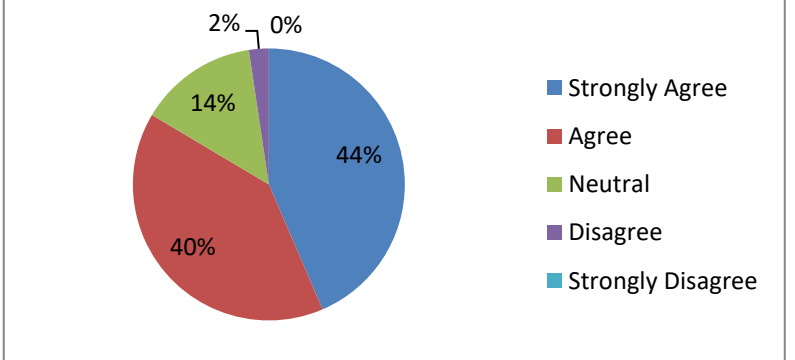
**Interpretation:** Out of 85 respondents, 85% respondents were agreed that academic achievement can help scholars in developing strong work ethics while 12% were neutral and 5% was disagreed. It may be said that academic achievement relates with the ethical consideration and these two are important for research.

Ques. 6			Academic achievement can improve the self-confidence of Research Scholars.	
S. No.	Options	Response		
1	Strongly Agree	51		
2	Agree	29		
3	Neutral	3		
4	Disagree	0		
5	Strongly Disagree	2		
Total		85		

**Interpretation:** More than 90 % respondents were believed that academic achievement can improve the self-confidence of Research Scholars. Data show the importance of the self confidence in research.

Ques. 7			Academic achievement can help research scholars attain satisfaction and accomplishment in re- search activities.	
S. No.	Options	Response		
1	Strongly Agree	33		
2	Agree	44		
3	Neutral	8		
4	Disagree	0		
5	Strongly Disagree	0		
Total		85		

**Interpretation:** More than 90% were agreed that academic achievement can help research scholars attain satisfaction and accomplishment in research activities while 9% was in neutral position.

Ques. 8			Higher academic achievement, higher ethical consideration, and a higher level of research out- comes.	
S. No.	Options	Response		
1	Strongly Agree	37		
2	Agree	34		
3	Neutral	12		
4	Disagree	2		
5	Strongly Disagree	0		
Total		85		

**Interpretation:** 84% of the respondents agreed to support that higher academic achievement of the research scholars, higher the ethical consideration, and a higher level of research outcomes. It shows the relationship between academic achievement and ethical consideration in doctoral research.

### 5. Hypothesis Testing

In order to test the supposed null hypothesis that there is no association between academic achievement and ethical consideration with alternate hypothesis that there is significant association between academic achievement and ethical consideration, following table from the collected data developed-

Academic Achievement	Ethical consideration		Total
	Strongly Agree	Strongly Disagree	
Strongly Agree	<b>44 (43.77)</b>	<b>17 (17.22)</b>	<b>61</b>
Strongly Disagree	<b>17 (17.23)</b>	<b>07 (6.73)</b>	<b>24</b>
Total	<b>61</b>	<b>24</b>	<b>85</b>

$$\text{Calculated } \chi^2 \text{ Value} = \frac{(f_o - f_e)^2}{f_e} = 0.014 + 0.003 + 0.003 + 0.080 = 0.10$$

**Inference:** We know that the table value of chi-square at 5% level of significance with 1 degree of freedom is 3.84. Here the calculated value of data is less than the table value, hence null hypothesis may be accepted and we may conclude that there is a significant association between academic achievement and ethical consideration in research.

### 6. Conclusion

Importance of the relationship between academic achievement and ethical consideration are crucial for the doctoral research. Important points were observed as follows-

1. One of the best things about getting good grades is the sense of accomplishment that comes along with it. For research scholars, this can be a great motivator to keep working hard.
2. Getting good grades and good research outcomes can open up many doors for the scholars, including getting appointment into a reputed college or university.
3. Getting good academic achievement can help the scholars develop important life skills, such as time management and research outcomes for the organization. These skills will be useful to them later on in life, both in their personal lives and in their careers.
4. If the research scholars enjoy their school experience, they are more likely to enjoy learning in general. This love for learning can last a lifetime.
5. When a research scholar does well in school, they can feel a sense of satisfaction and accomplishment. This is because they will have achieved something that they worked hard for. Therefore, it's important for the student to do their best in school so that they can feel proud of their accomplishments or any task related to research.
6. By testing the supposed hypothesis we found that there is a significant association between academic achievement and ethical consideration in research.

### References

1. Khan Intakhab Alam, (2015), "Ethical Consideration in an Educational Research: A Critical Analysis" British Journal of Education, Society & Behavioural Science, 13(2):1-8, 2016, Article no. BJESBS.21821.

2. Steinmayr Ricarda et al, (2019), “The Importance of Students’ Motivation for Their Academic Achievement-Replicating and Extending Previous Findings” frontier in psychology Front. Psychol., 31 July 2019 <https://doi.org/10.3389/fpsyg.2019.01730>
3. Kessio David Kipkasi and Chang’ach John Koskey, (2020), “Ethical Consideration in Undertaking Research in Higher Education: East African Context” David Publishing US-China Education Review B, March 2020, Vol. 10, No. 3, 135-140 doi: 10.17265/2161-6248/2020.03.004
4. <https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/academic-achievement#:~:text=Academic%20achievement%20refers%20to%20performance,for%20individual%20and%20societal%20prosperity>.
5. <https://bmcomeduc.biomedcentral.com/articles/10.1186/s12909-022-03461-0>
6. <https://www.orchidsinternationalschool.com/blog/cbse-board/parenting-tips-for-academic-achievement/>