

## Contribution of education towards agricultural income in Odisha: A gender perspective

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### ABSTRACT

*One hundred and fifty samples from agricultural sectors were collected based on multi stage sampling techniques from Bargarh Sadar, Baripada Sadar, Bhawanipatna, Balasore, and Ghatgaon blocks of Odisha using schedule approach as per suitability during June, 2017. The objective was to evaluate the applicability of Jacob Mincer Model in a primarily agricultural state like Odisha. The equation in its original version established a strong relationship between education, experience and individual's income. Mincer in 1958 used principle of compensating difference to study the impact of level of education on individual income. Later on (inspired with the work of Nobel Prize winner Gary Becker) Mincer in 1974 included experience as another variable. Using this OLS approach, along with other basic statistical tools like correlation, t test for significance of correlation backed by measures of central tendency, the study found that there is a positively significant but extremely low amount of linear relationship between income and education whereas negatively significant but extremely low amount of linear relationship between income and experience. The non linearity of experience had a positive but negligible impact on income. Currently the unemployability of educated youths of the country points out the lacuna in our education system and the need to update it. The findings of the study can be used to make education more productive so that the returns to education can be recovered in short run.*

**Key words:** Education, Experience, Individual income, Mincer OLS Equation

### Introduction

Odisha's GSDP depends on agriculture. The major question of discussion here is if education and experience have any relationship with income for people