

Research on the Influence of Entrepreneurship Education on College Students' Entrepreneurial Ability in Chinese Universities

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Abstract: Entrepreneurship education is the mission of higher education and an effective way to cultivate students' entrepreneurial ability; Selecting 921 senior college students from applied undergraduate universities in Shanxi Province as the research subjects, this study explored the specific impact of entrepreneurship education on entrepreneurial ability through empirical analysis and hypothesis testing. The test results show that entrepreneurship education has a significant impact on entrepreneurial ability. Enriched the theoretical research model of the impact of entrepreneurship education on entrepreneurial ability, providing theoretical support and practical guidance for the improvement and development of college students' entrepreneurial ability.

Keywords: Entrepreneurship education; Entrepreneurial ability; College students

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1. Introduction

The development of the global economy has brought about ever-widening economic imbalances, and human society is facing unprecedented challenges. In recent years, due to the impact of the epidemic, economic growth has slowed down and economic pressure has declined. How to stimulate new drivers of economic development and promote economic development has become the biggest concern of current economic development.

Based on the above analysis, it can be concluded that entrepreneurship education is the only way for college students to start a business, and it is an educational and teaching activity to acquire entrepreneurial knowledge, enhance entrepreneurial ability, stimulate entrepreneurial emotion and promote entrepreneurial participation. However, most of the research on entrepreneurship education is speculative, mainly from the "what is entrepreneurship education?" "How do you teach entrepreneurship?" "What are the benefits of entrepreneurship education?" And other aspects of the study. There are few studies on the relationship between entrepreneurial education and entrepreneurial ability. Therefore, it is very necessary to study the relationship between entrepreneurship education and entrepreneurship ability in Chinese universities.

2. Theoretical Background

2.1 Entrepreneurship education

Entrepreneurship education is the education of cultivating the spirit of enterprise and developing skills. It is the education that cultivates some basic entrepreneurial abilities needed by individuals in the process of employment and self-employment; It is an education that cultivates innovative thinking, entrepreneurial ability and entrepreneurial spirit; It is a process of cultivating entrepreneurial abilities such as independent thinking and overall planning (Gibb, 1996). Education that fosters entrepreneurial

attitudes and competencies; It is the education of cultivating pioneering talents with entrepreneurial awareness, entrepreneurial ability and quality; It is an education whose main mission is to arouse teachers and students' entrepreneurial willingness, stimulate their entrepreneurial enthusiasm, and cultivate their entrepreneurial ability. It is the education of planning one's own future career development path ; It is an education that combines theoretical education and practical education to cultivate students' entrepreneurial awareness and effectively enhance their entrepreneurial ability.

2.2 Entrepreneurial ability

From the perspective of Entrepreneurship, the Global Entrepreneurship Monitor GEM classifies innovation and entrepreneurship as the ability to establish enterprises, capture opportunities and integrate resources. From the perspective of entrepreneurship Education, the Quality Assurance Agency for Higher Education (QAA) states that entrepreneurship includes the ability to generate ideas and put them into action. from the perspective of establishing enterprises, believes that entrepreneurial ability is the quality corresponding to a series of behaviors to explore the right entrepreneurial opportunities and develop such entrepreneurial opportunities. Ghina (2014) believes from the perspective of personal traits that entrepreneurial ability is innate and is greatly influenced by genetics. From the perspective of process, Bulgacov (2014) believes that entrepreneurial ability is the integration of resources integration, opportunity identification, entrepreneurial management, risk control and other capabilities, and is an ability that develops with the passage of time. Mitchelmore (2013) believes that entrepreneurial ability is the ability to engage in and be competent for entrepreneurial activities from the perspective of competency. believes that entrepreneurial ability is a systematic compound ability, which is a set of abilities required for entrepreneurship.

3. Study Design

3.1 Data collection

In a newly built application-oriented undergraduate college in Shanxi Province, 921 valid questionnaires were collected by using "Questionnaire Star". According to the demographic characteristics of the subjects, male 39% and female 61%; Juniors 56%, seniors 44%; The collected data were statistically significant.

3.2 Research tools

The measurement tools used in this study include entrepreneurial education, entrepreneurial ability, Each item has 5 options according to the Likert 5-level scale, 1 means completely inconsistent, 2 means not very consistent, 3 means uncertain, 4 means basically consistent, 5 means completely consistent.

3.3 Reliability analysis

Reliability is the concept of measurement stability, consistency, predictability and accuracy, which means the extent to which the measurement results are consistent, or whether there are errors in the measurement results. The reliability measurement results are shown in Table 2. The results showed that Cronbach values were all above 0.9, indicating a high internal consistency of the variables.

Table 2 : Reliability analysis

variable	subvariable	Number of entries	Cronbach's α
Entrepreneurship education	Entrepreneurship theory education	4	.913
	Entrepreneurial practice education	5	.935
	All	9	.948
Entrepreneurial ability	Resource integration ability	3	.944
	Team building ability	2	.973
	Financial capacity	3	.935
	All	8	.970

4. Research result

Linear regression analysis is used to analyze the relationship between the entrepreneurial education as a whole and its sub-variables and the entrepreneurial ability as a whole and its sub-variables, The test results are shown in Table 3.

As can be seen from Table 5, Variance inflation factor VIF values are all below 5, indicating that there is no multicollinearity problem in the model. All $P=0.000$, ($p < 0.1$), indicating that the influence between variables and sub-variables was statistically significant. Hypothesis is adopted.

Table 3: Verification results

hypothesis	path	Beta	B	t	p	VIF	F	R ²	D-W	result
H1	Entrepreneurship Education - Entrepreneurial ability	.729	.740	46.617	.000	1.000	2173.160	.531	2.068	adopt
H1-1	Entrepreneurship course education - resource integration ability	.326	.333	12.352	.000	2.504	837.940	.466	2.090	
H1-2	Entrepreneurial practice education - resource integration ability	.398	.413	15.094	.000	2.504				
H1-3	Entrepreneurship Course education - Team building skills	.294	.295	11.208	.000	2.504	855.319	.471	2.036	
H1-4	Entrepreneurial practice education - team building ability	.433	.440	16.475	.000	2.504				
H1-5	Entrepreneurship Course education - Financial readiness	.316	.306	12.482	.000	2.504	988.152	.507	1.997	
H1-6	Entrepreneurial Practice education - Financial preparation ability	.438	.430	17.293	.000	2.504				

5. Conclusion

Entrepreneurship education has a significant positive impact on college students' entrepreneurial ability. found that Chinese college students' entrepreneurial ability is generally at a medium level, previous studies mainly focused on the concept of entrepreneurial ability and the cultivation and evaluation of entrepreneurial ability. This paper mainly examines the impact of entrepreneurial education on entrepreneurial ability, and also examines the impact of entrepreneurial education on entrepreneurial ability sub-variables. It brings new insights into the study of the influence of entrepreneurship education on entrepreneurial ability.

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