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**AN ANALYSIS: RELATIONSHIP OF PERSONAL VARIABLES WITH THE FACTORS OF ENTREPRENEURIAL TRAITS**

**Dr. N.M.Mekala, M.Com, M.B.A, M.Phil, Ph.D, B.Ed, PGDCA.,**  
Assistant Professor and Research supervisor,  
Department of Commerce and Research Centre,  
Sourashtra College (Autonomous),  
Madurai 625 004

**Dr.N.Muthuselvi M.Com, M.B.A, MGMT., M.Phil, Ph.D,**  
Assistant Professor, Department of Commerce,  
Mangayarkarasi College of Arts and Science for Women, Madurai.

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**Abstract:**

*Financial independence is the first benefit of a part-time job as it always comes with extra pocket money to manage one's expenses during college life. Due to growing needs of money and social commitments as a result of financial issues, college students are doing part time jobs. Apart from providing financial support, these jobs inculcate confidence among college goers. Moreover, it inculcates entrepreneurial traits among the students. These traits vary due to the influence of personal variables. In this paper an in-depth study has been undertaken to know the levels of entrepreneurial traits of the college students. These traits were analysed using kruskal-wallis test by categorising them into various factors for the purpose of analysis. The study concluded that the Type of Part Time Job has significant relationship with majority of the factors of Entrepreneurial Traits.*

**Key words:** *Financial independence, part-time jobs, entrepreneurial traits and college students.*

**Introduction**

The National Policy of Education (NEP) evolved in 1986 increase the enrollment and retention of students, their participation in vocational, technical and professional education and in non-traditional occupation. It suggested that centers should be established for imparting vocational training, steps be taken for retention of literacy and skills and for application of this learning in their daily life.

In this regard the study aimed at testing the hypotheses established on the basis of the objectives. Kruskal-Wallis test had been applied with the view to finding out whether the personal variables have relationship with the factors of Entrepreneurial traits or not.

**Scope of the study**

The present study is focused on the Entrepreneurial traits among the College Students doing Part - Time Job in Madurai District.

**Objectives of the study**

- i. To evaluate the levels of Entrepreneurial traits of the respondents.

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- ii. To offer valuable suggestions based on the findings of the study.

### **Tool and collection of data**

The researcher collected data from 70 sample respondents in Madurai District without disturbing their works. Kruskal – Wallis test is used to test the various hypotheses based on the relationship between the personal variables of the respondents and the factors of Entrepreneurial Traits of the sample respondents.

### **Methodology**

The researcher used both primary and secondary data. The primary data were collected from the sample respondents. For this purpose, the researcher used Questionnaire (Appendix A). The Secondary data were collected from all the selected Colleges in Madurai District, Reports, Printed Materials, Journals, Magazines, Websites, Various Libraries, Training Centers and other books related to the study.

### **Relationship of personal variables with the factors of entrepreneurial traits**

Kruskal – Wallis test is used to test the various hypotheses based on the relationship between the personal variables of the respondents and the factors of Entrepreneurial Traits of the sample respondents.

### **Age of the respondents and the Factors of Entrepreneurial Traits**

In order to test whether there is any relationship between the age and of the Factors of Entrepreneurial Traits, the Kruskal- Wallis test has been applied to test the following null hypothesis.

**Ho:** There is no significant relationship between the Age and the factors of Entrepreneurial Traits. Table 1 shows the result of Kruskal-wallis test for the factors of Entrepreneurial Traits.

**TABLE 1**

**Relationship between age and the factors of Entrepreneurial Traits - Kruskal-wallis test.**

<b>S.No</b>	<b>Factors</b>	<b>Calculated Value</b>	<b>Table Value</b>	<b>Result</b>
1	Innovativeness	8.773	5.991	S
2	Information seeking	7.943	5.991	S
3	Planning	5.918	5.991	NS
4	Goal Setting	1.242	5.991	NS
5	Risk Taking	8.020	5.991	S
6	Decision Making	2.748	5.991	NS
7	Self confidence	4.603	5.991	NS
8	Motivation	4.583	5.991	NS
9	Leadership Quality	3.084	5.991	NS
10	Cosmopolitan Outlook	4.645	5.991	NS
11	Overall	3.246	5.991	NS

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Degrees of Freedom -2, S-Significant, NS-Not Significant, Level of Significance – 5%

Since the overall calculated value is lesser than the table value at 5% level of significance the null hypothesis is accepted. So there is no significant relationship in the age of the respondents and overall scores of the Entrepreneurial Traits. In Particular the factors - Innovativeness, Information Seeking and Risk Taking are significant.

**Religion of the respondents and the Factors of Entrepreneurial Traits**

Kruskal-Wallis test has been applied to test the null hypothesis. Whether there is any relationship between the Religion and the Factors of Entrepreneurial Traits.

**H<sub>0</sub>:** There is no significant relationship between Religion and the factors of Entrepreneurial Traits. The results of Kruskal – Wallis test for the factors of Entrepreneurial Traits are shown in table 2.

**TABLE 2**  
**Relationship between Religion and the factors of Entrepreneurial Traits - Kruskal-wallis Test.**

S.No	Factors	Calculated Value	Table Value	Result
1	Innovativeness	6.111	5.991	S
2	Information seeking	0.865	5.991	NS
3	Planning	3.999	5.991	NS
4	Goal Setting	10.988	5.991	S
5	Risk Taking	29.763	5.991	S
6	Decision Making	5.701	5.991	NS
7	Self confidence	0.876	5.991	NS
8	Motivation	7.796	5.991	S
9	Leadership Quality	11.075	5.991	S
10	Cosmopolitan Outlook	0.217	5.991	NS
11	Overall	7.469	5.991	S

Degrees of Freedom -2, S-Significant, NS-Not Significant, Level of Significance – 5%

The overall calculated value is greater than the table value at 5% level of significance, the null hypothesis is rejected. So there is significant relationship between the religion and the factors of Entrepreneurial Traits except the factors Information seeking, Planning, Decision Making, Self confidence and Cosmopolitan Outlook.

**TABLE 3**  
**Relationship between Course of study and the factors of Entrepreneurial Traits - Kruskal-wallis Test.**

S.No	Factors	Calculated Value	Table Value	Result
1	Innovativeness	1.277	3.841	NS
2	Information seeking	0.009	3.841	NS
3	Planning	0.435	3.841	NS
4	Goal Setting	12.036	3.841	S
5	Risk Taking	3.737	3.841	NS
6	Decision Making	4.500	3.841	S
7	Self confidence	29.472	3.841	S
8	Motivation	6.022	3.841	S
9	Leadership Quality	0.533	3.841	NS
10	Cosmopolitan Outlook	17.242	3.841	S
11	Overall	19.744	3.841	S

Degrees of Freedom -1, S-Significant, NS-Not Significant, Level of Significance – 5%

The overall calculated value is greater than the table value at 5% level of significance the null hypothesis is rejected. So there is a significant relationship between the Course of study and the factors of Entrepreneurial Traits of the respondents except Innovativeness, Information seeking, Planning, Risk Taking and Leadership Quality.

#### **Motivational Factors of the respondents and the Factors of Entrepreneurial Traits**

Kruskal-Wallis test has been applied to test the following null hypothesis. Whether there is any relationship between the Motivational Factors and the Factors of Entrepreneurial Traits.

**H<sub>0</sub>:** There is no significant relationship between Motivational Factors and the factors of the Entrepreneurial Traits.

The results of Kruskal – Wallis test for the factors of Entrepreneurial Traits are shown in table 13.

**TABLE 4**

#### **Relationship between Motivational Factors and the factors of Entrepreneurial Traits - Kruskal-wallis Test**

S.No	Factors	Calculated Value	Table Value	Result
1	Innovativeness	29.442	11.07	S
2	Information seeking	9.849	11.07	NS
3	Planning	14.613	11.07	S
4	Goal Setting	14.240	11.07	S
5	Risk Taking	27.803	11.07	S
6	Decision Making	23.146	11.07	S
7	Self confidence	1.124	11.07	NS
8	Motivation	7.649	11.07	NS
9	Leadership Quality	14.111	11.07	S
10	Cosmopolitan Outlook	4.167	11.07	NS
11	Overall	13.356	11.07	S

Degrees of Freedom -5, S-Significant, NS-Not Significant, Level of Significance – 5%

Since the overall calculated value is greater than the table value at 5% level of significance the null hypothesis is rejected. So there is a significant relationship between Motivational Factors and the factors of Entrepreneurial Traits except Information seeking, Self-confidence, Motivation and Cosmopolitan Outlook.

### Utilization of earning of the respondents and the Factors of Entrepreneurial Traits

Kruskal-Wallis test has been applied to test the following null hypothesis. Whether there is any relationship between the Utilization of earnings and the Factors of Entrepreneurial Traits.

**H<sub>0</sub>:** There is no significant relationship between Utilization of earning and the factors of the Entrepreneurial Traits.

The results of Kruskal – Wallis test for the factors of Entrepreneurial Traits are shown in table 16.

**TABLE 5**

### Relationship between Utilization of earning and the factors of Entrepreneurial Traits - Kruskal-wallis Test.

S.No	Factors	Calculated Value	Table Value	Result
1	Innovativeness	32.986	9.488	S
2	Information seeking	15.960	9.488	S
3	Planning	16.277	9.488	S
4	Goal Setting	2.722	9.488	NS
5	Risk Taking	14.352	9.488	S
6	Decision Making	7.867	9.488	NS
7	Self confidence	12.684	9.488	S
8	Motivation	10.985	9.488	S
9	Leadership Quality	9.873	9.488	S
10	Cosmopolitan Outlook	1.189	9.488	NS
11	Overall	13.245	9.488	S

Degrees of Freedom -4, S-Significant, NS-Not Significant, Level of Significance – 5%

Since the overall calculated value is greater than the table value at 5% level of significance the null hypothesis is rejected. So there is a significant relationship between the Utilization of earnings and the factors of Entrepreneurial Traits except Goal Achievement, Decision Making and Cosmopolitan Outlook.

### Conclusion

This chapter “Analysis of the factors of Entrepreneurial Traits”, the relationship of personal variables with the factors of Entrepreneurial Traits was tested by framing hypotheses. It is found from the analysis that, Type of family has no significant relationship with all the factors of Entrepreneurial Traits except the factor Innovativeness and also it is found from the analysis that Type of Part Time Job has significant relationship with all the factors of Entrepreneurial Traits except the factor Information Seeking.

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