



VOCATIONAL INTEREST AMONG SECONDARY SCHOOL STUDENTS IN RELATION TO FINGER PRINT PATTERNS

Education

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ABSTRACT

The idea of this work was to study the relationships of VOCATIONAL INTEREST and FINGER PRINT PATTERNS of secondary school students. The work was done on a sample of 600 secondary school students from different schools established in Punjab. VOCATIONAL INTEREST was measured with the help of Vocational Interest Record Test by Dr S P Kulshreshtha and FINGER PRINT PATTERNS by Biometric device by investigator. ex post facto method of research was used. Multi-Stage Stratified Random sampling technique was applied on the population for studying of this reflective idea. The analysis indicated that there is no significant difference in Vocational Interest record test scores between students with Arch type finger print patterns and those with Whorl type Finger print patterns. A fervent ambition is crucial for achieving the objectives of life goals and this can only be achieved with Vocational Interest. In a developing India which is focusing on 2047 requires accumulation of Vocational Interest among individuals. Civilisation of India has evolved around with the help of Vocational Interest. Vocational Interest can become an important factor in India's vision of 2047.

KEYWORDS

Vocational Interest, Finger Print Patterns, Secondary School Students

INTRODUCTION

The reason for doing this work comes from a combination of different factors that have to do with both academic understanding and real world use in the field of occupation development and counselling. Status of shiksha in entire system is dynamic. Job stability has been studied for decades and repeatedly the policy makers of each country of the world are changing or modifying policies to incorporate the rising aspirations of the citizens of their country. The aim of each individual is to be self dependent. The societies where ratio of success of VOCATIONAL INTEREST is less, in those societies we see dull growth and uprise in antisocial activities and agitations as been carried out now a days by youth of India demanding resignation of HRD minister over frequent paper leaks.

Finger Print pattern is a well established fundam in the universe. Every living being in this earth possesses characteristics. Astrology also has gained an important place in today's society. Adhar card is also based on finger print patterns with the help of which we assure biometric attendance of individuals in India. A child when enters the school he or shee from that very 1st day start developing new fantasies. These fantasies are restructured daily because of new Vocational Interest. A child with such an ideology start concentrating on his or her career. The parents, the family, the society, the country also start concentrating on the growth of its population.

This is a well known fact that ; a particular country has two type of resources " // natural resources and human resources. The importance of these resources is recently been seen in growth of China and South ASEAN countries. Natural Resources cannot be but human resources can be improvised and the example is Japan.

FINGER PRINT PATTERNS is possessed by families and individuals and is transferred from parents to children. From a theoretical point of view. Looking into connections between biological signs like dermatoglyphics and psychological traits like job maturity fits with modern development science on biopsychological models of human development.

Vocational Interest ascribes positive qualities such as skilled brilliance into those who possess it. The consequence of it is that they are better equipped to present an impression of skilled brilliance to guru and shishya.

Nayak et al 2010. advocated a link between finger print patterns and the big five personality factors.

Leena and Malik 2022found academic achievement and VOCATIONAL INTEREST of senior secondary school students positively correlated with each other.

Statement of the Problem ;

Vocational Interest among Secondary School students in relation to

Finger Print Patterns

Operational Definitions of the Term ;

Vocational Interest

Vocational Interest according to Crow and Crow isThe Profession towards which a person is drawn and on which they focus becomes their vocational Interest. here in this work VOCATIONAL INTEREST refers to the score obtained in VOCATIONAL INTEREST Record Test by Dr S P Kulshreshtha.

Finger Print Patterns

For this study, finger prints are described by the dermatoglyphics patterns. Finger print patterns of all the persons will be taken with the help of a biometric device and will be Categorised accordingly. Using Dermatoglyphics Multiple Intelligence Test.

Secondary School Students:

In the present work secondary school students refers to the students studying in secondary classes in secondary schools of Punjab

Objective of the study

1. To Compare the VOCATIONAL INTEREST and FINGER PRINT PATTERNS of secondary school students.

Hypothesis of the Study;

Ho1. There will be no significant difference between VOCATIONAL INTEREST and FINGER PRINT PATTERNS of secondary school students.

Variables in Study :

Dependent variable – VOCATIONAL INTEREST

Independent variable – FINGER PRINT PATTERNS

Research Design of the Study ;

Ex –post facto. method of research was used.-

Population: Students studying in secondary schools established in Punjab constituted the population of the study.

Sample: Multi-stage stratified random sampling technique was used to accumulate a sample (figure) of 600 secondary school students from secondary schools established in Punjab.

Tools Used in the Research :

1. Vocational Interest Test by Dr S P Kulshreshtha.
2. Finger Print Patterns by Biometric device by Investigator.

De-limitations of the Work :

1. The work is de-limited to 600 secondary school students.
2. The work is de-limited to only secondary school students of Punjab
3. The work is delimited to 1 Dependent variable - VOCATIONAL INTEREST
1 Independent Variable - FINGER PRINT PATTERNS

Statistical Techniques Used :

Differential statistical techniques such as Mean, S.D and to measure the significance of difference 't' was used.

Data Analyses and Interpretation

Objective I : To compare the VOCATIONAL INTEREST and FINGER PRINT PATTERNS of secondary school students For the purpose of studying the Vocational Interest of secondary school students On the basis of Finger Print Patterns the following null hypothesis was formulated.

H_{01} There will be no significant difference between Vocational Interest and Finger Print Patterns of secondary school students.

For testing the null hypothesis, Mean, S.d, and "t" of the raw scores of VOCATIONAL INTEREST was analysed statistically with respect to FINGER PRINT PATTERNS. The statistical results are shown below in Table 1.1 and Table 1.2

Table 1.1: Distribution of Fingerprint Patterns of the Study Sample

Sr.No.	Pattern Type	Frequency	Percentage	Means per Person
1	Arch	3847	64.12	6.41
2	Loop	412	6.87	0.69
3	Whorl	1741	29.02	2.90
Total		6000	100	10.00

Table 1.2 Descriptive Statistics Related to the Vocational Interest Among Secondary School Students Having Arch Type Finger Print Patterns and Whorl Type Finger Print Patterns

Dependent variable	Group (Finger Print Patterns)	N	Mean	S.D	't'
Vocational Interest Record	Arch Type	385	152.34	26.78	0.44
Vocational Interest Record	Whorl Type	165	150.89	28.45	

Table 1.1 depicts the significance of diff. between VOCATIONAL INTEREST and FINGER PRINT PATTERNS of secondary school students is 0.44. This is not significant at 0.01 point of significance and at 0.05 point of significance. It clearly points out that there is no significant difference in VOCATIONAL INTEREST record test between students with Arch type finger print patterns and those with Whorl type finger print patterns. So the null hypothesis is retained. This confirms that there is no significant difference in the Vocational interest record of secondary school students in relation to their finger print patterns.

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