iJRASET
International Journal For Research in Applied Science and Engineering Technology

INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 8 **Issue:** XII **Month of publication:** December 2020

DOI: https://doi.org/10.22214/ijraset.2020.32447

www.ijraset.com

Call: 08813907089 | E-mail ID: ijraset@gmail.com

International Journal for Research in Applied Science & Engineering Technology (IJRASET)
ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429
Volume 8 Issue XII Dec 2020- Available at www.ijraset.com

A Study of Aptitude and General Knowledge of Trainees of Teacher- Training Colleges

Dr. Piyushkumar Kanubhai Patel
Sheth Shree P. H. Bachkaniwala Vidhyamandir

Abstract: ***Many radical changes have been taken place in the educational journey from the Gurukul practice to today's Luxurious digital education center. According to which in order to test Aptitude and General Knowledge of the Education Graduates which are essential for survival in the present condition, a study was conducted regarding the gender, area, and stream of the Trainees of Teacher Training colleges affiliated to Veer Narmad South Gujarat University. According to which data was collected face to face from about 574 trainees of 10 teacher training colleges affiliated to Veer Narmad South Gujarat University with the help of teacher made educational achievement test and general knowledge test. In a study do interpretation with the help of statistical tools average and correlation observed that there was a very high correlation between aptitude and general knowledge. In presented research tried to reach the depth of the study by deducing several such findings which are presented here.***

I. INTRODUCTION

Education is such a subject which relation with its human and nation development. Education is the holiest occupation but as the time pass the roles, abilities and works of teacher has been changed with time and places as concerned. Those teachers who step up with the transformation that will exist in the present era. as revolution of 1991, Liberalization, privatization and globalization has been felt everywhere. end of cover in the 21st century, the place of weapons have been shifted to education where as " Knowledge is power " is concerned. In the present era the games and plays, curiousity is the basic need of today's life education. It is too need of present time where not only in our field but also to the current topics and knowledge.we have to know for that daily reading, contemplation in knowledge based society in such cut throat competition. but what happen in today's era, where government of state conducted the competitive exam result surprised us and for that this subject has been selected basis on all these criterias.
"A Study of Aptitude and General Knowledge of Trainees of Teacher- Training Colleges"

A. Objectives

The objectives of the presented research were as follows.

1. Studying the Aptitude and General knowledge of trainees of teacher training colleges.
2. Studying Aptitude and General knowledge of trainees of teacher training colleges in the terms of their gender, area, and stream.

B. Importance of Research

The importance of research of the presented research is shown below.

1) It will be useful for the principals and professors of the teacher training college to decide the future strategy.
2) It will be useful for design future curriculum for educational experts and the head of the department.
3) It will be a guideline for the trainees of teacher training colleges for future competitive examination.
4) It will be useful for providing academic and vocational guidance to trainees of Teachers training College
5) It will be useful to researchers for higher study in the future.

C. Delimitation of Research

1) In the present research only the trainees of Veer Narmad South Gujarat University affiliated teacher training colleges were used as the sample.
2) The information was collected from the trainees of semester 2 of the teacher training colleges presented the research year 2016-2017.
3) 35% of the sample in the presented research. i.e. Trainees from 10 teacher training colleges who were present that day were included.
4) Average and correlation were used to perform statistical analysis of information in the presented research.
5) The survey method was used for the presented research.

©IJRASET: All Rights are Reserved

ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429
Volume 8 Issue XII Dec 2020- Available at www.ijraset.com

D. Populations and Sample

A sample is a group of people that are taken from the population and it is representative of the population. Accordingly, the researcher has selected 574 trainees of 10 teacher training colleges at the rate of 35 percent with a stratified method from the seven districts of South Gujarat like Bharuch, Narmada, Surat, Tapi, Dang, Navsari, and Valsad.

E. Selection of Tools and Configuration

For the presented research 50 questions were selected from the 15 different subjects for the teacher made general knowledge test following the advice of experts.

To check the Aptitude of Trainees researcher has used a standardized Aptitude test of Smt. Usha S. Sharda.

II. DATA COLLECTION AND ANALYSIS

Information was gathered by conducting face to face interviews with the trainees for the presented research.

The average and the coefficient of educational achievement and general knowledge test was interpreted as follow recording to CBCS system of Veer Narmad South Gujarat University.

Percentage	Interpretation
90 to 99%.	Best
80 to 89%.	Excellent
70 to 79%.	Very good
60 to 69%.	Good
50 to 59%.	Medium
40 to 49%.	Moderate
Below 40%.	Weak

Furthermore, the correlation of test was determined as follows

Correlation	Interpretation
0.00 to 0.20.	Negligible
0.21 to 0.40.	Low
0.41 to 0.70.	Moderate
0.71 to 0.90.	High
0.91 to 0.99.	Very high
Up to 1.00.	Perfect

III. FINDING

A. Aptitude was found to be very good and general knowledge was found to be moderate to trainees of teacher training colleges.

B. Aptitude of the urban trainees of teacher training college was found to be very good and general knowledge was found to be moderate. While the aptitude of the rural trainees of teacher training college was good and general knowledge was found to be moderate.

C. The Aptitude of female trainees of teacher training colleges were found to be very good and general knowledge moderate while the aptitude of male trainees was found to be very good and general knowledge medium.

D. Science stream and commerce stream of teacher training college trainees aptitude was found to be very good and general knowledge was moderate.

E. Aptitude of trainees of arts stream of teacher training college was found to be good and general knowledge was found to be moderated.

F. A very high correlation was observed between aptitude and general knowledge of trainees of teacher training colleges.

G. There was a negligible correlation between aptitude and general knowledge of the trainees of urban area.

H. There was a Low correlation between aptitude and general knowledge of the trainees of rural area.

I. There was a low correlation between the aptitude and general knowledge of female trainees of teacher training colleges.

J. There was a negligible correlation between the aptitude and general knowledge of male trainees of teacher training colleges.

©IJRASET: All Rights are Reserved

K. There was a negligible correlation between the aptitude and general knowledge of science stream trainees of teacher training college.

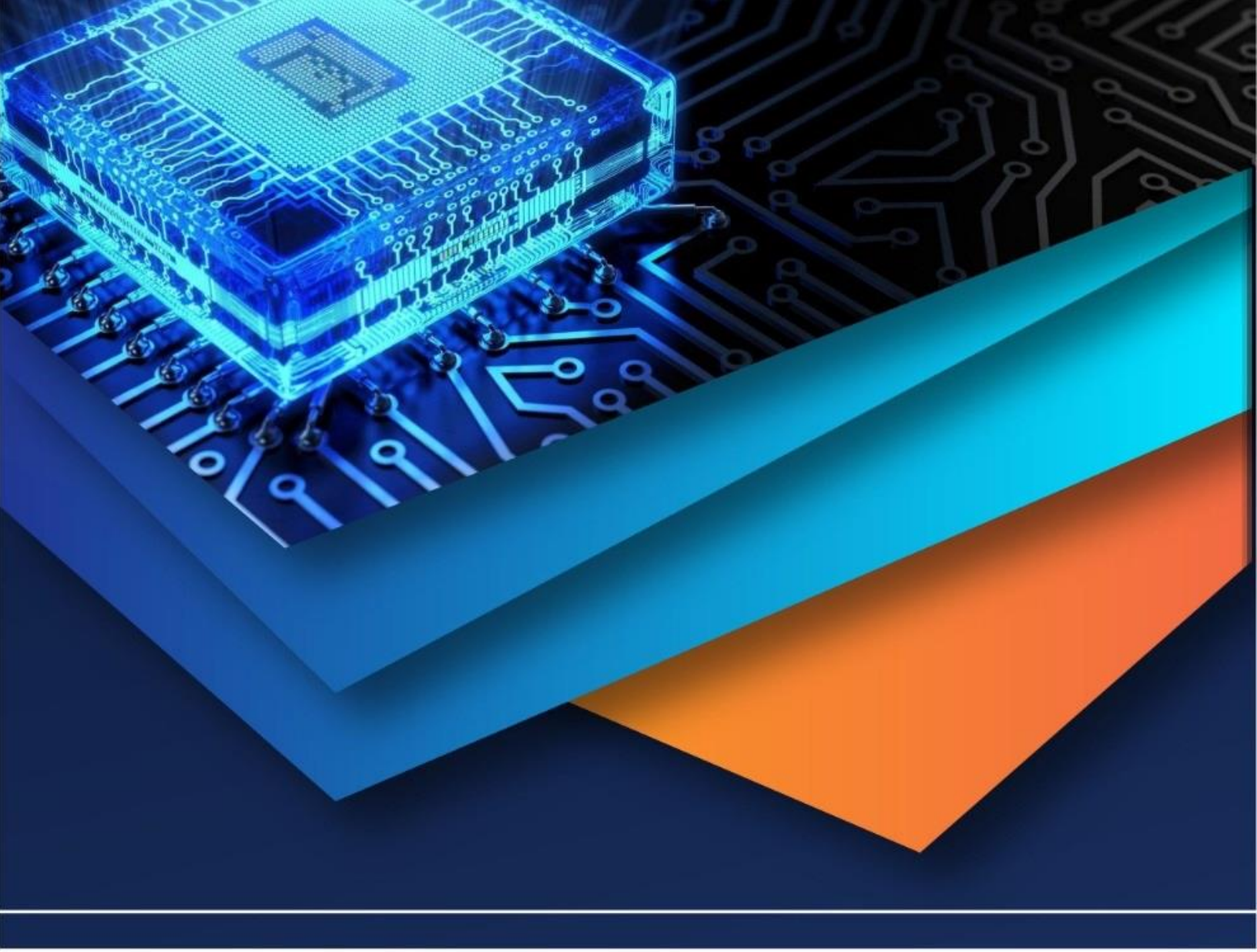
L. There was a negligible correlation between the aptitude and general knowledge of the trainees of the commerce stream of the teacher training colleges.

M. There was a low correlation between the aptitude and general knowledge of trainees of arts stream teacher training colleges.

REFERENCE

[1] Gohil J.P.(2013). Educational Psychology, Ahmedabad: Nirav publication, Gujarat.
[2] Gohil J.P(2016). Teaching and Learning, Ahmedabad: Amol publication, Gujarat.
[3] Elliott J.(2007). Oxford Dictionary ad Thesaurus 3(6th Edition). London: Oxford University place.
[4] Patel R.S.(2009). Statistical Method for Educational Research (Second Edition). Ahmedabad: Jay publication, Gujarat.
[5] Sharma, J.P.(Editor)(2000). Fifth Survey of Educational Research(1989-92).New Delhi: National Council of Educational Research and Training.
[6] Uppal, S.(Editor) (2007).Sixth Survey of Educational Research. (1993-2000)New Delhi: National Council of Educational Research and Training.

©IJRASET: All Rights are Reserved



10.22214/IJRASET

45.98

IMPACT FACTOR: 7.129

IMPACT FACTOR: 7.429

INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Call : 08813907089 (24*7 Support on Whatsapp)