



A STUDY OF SENSE OF HUMOUR AND TPACK WITH PROFESSIONAL COMMITMENT OF SENIOR SECONDARY SCHOOL TEACHERS

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Abstract: The purpose of this study was to study the relationship of Sense of Humour and TPACK with Professional Commitment of senior secondary school teachers. The study was conducted on a sample of 600 Senior secondary school teachers from various schools situated in Haryana state. Teachers Sense of Humour scale (TSHS) developed by Malik and Kapoor (2014), TPACK scale developed by Sharma and Sharma (2017) and Professional Commitment scale developed by investigator were used to assess Sense of Humour, TPACK and Professional Commitment of Senior Secondary school Teachers. Causal comparative method of research and Random sampling technique was used in the study. The result indicated that there exists positive and significant correlation of sense of humour and TPACK with Professional Commitment in both Male, female and Urban, Rural senior secondary school teachers. The study reveals that if sense of Humour goes for increase one unit, Professional commitment will increase by 0.154 units, further if sense of Humour goes for increase one unit, TPACK will increase by 0.08 units.

Key Terms : Professional Commitment, TPACK, Sense of Humour, Senior secondary school teachers.

I. INTRODUCTION

As globalization has a huge effect on all circles of our life thus education is no exemption. The developing requests of globalization has contacted the educational system also. Quality and standard of education rely upon the quality and competency of the teachers. 'The shapes of Professional Commitment and accordingly of organizational commitment represent behavioural predictors of work achievements, absenteeism, fluctuation, but also of the professional satisfaction' (U. Malik, 2020). Sense of humour is part of the art of leadership, of getting along with people for the things to be gotten done. It is believed that humour creation requires the humourist to put himself in another person's shoes, to hear the joke the way it sounds to a listener. A positive correlation of 0.199 was found between teaching effectiveness and sense of Humour of secondary school teachers. (U. Malik 2017). Utilization of humour by the teacher in the class can add to encourage the educator connections which brings about a positive and inviting condition in the class. In such a domain in the class, pupils will get inspired to learn and emphatically influence the teaching-learning. Makewa, et al. (2011). TPACK is the reason of viable instructing with innovation, requiring a comprehension of the depiction of thoughts using technological developments, instructive framework that drives in valuable ways to deal with content. The framework TPACK offers one to integrate technology with pedagogical and content area understanding. It suggests that virtuous education entails the considerate amalgamation of TK, PK and CK in order to achieve the targets set for experiencing and widens that students learning. Three foremost forms in TPACK framework are Content knowledge, Pedagogical Knowledge and Technological Knowledge (Sharma and Sharma 2017).

Statement of the Problem

A Study of Sense of Humour and TPACK with Professional Commitment of Senior Secondary School Teachers

II. OPERATIONAL DEFINITIONS OF THE TERM USED

Professional Commitment:

Commitment refers to a mind set reflecting loyalty and willingness to give one's all to a particular person, principle or plan of action. Teachers commitment refers to commitment to the learner, institution, work, society, achieving excellence and human values. In the present study Professional Commitment refers to the score of a Teacher on Professional Commitment scale.

Technological , Pedagogical and Content Knowledge(TPACK):

TPACK is the knowledge of subject matter /content ,what is good for learning (pedagogy) and technology .The combination is described as Technology ,Pedagogical and Content knowledge. In the present study TPACK refers to the score of a Teacher on TPACK scale.

Sense of Humour :

Sense of Humour is defined as a sort of catch –all term to refer to habitual individual differences in all sorts of behaviours ,experiences, affects, attitudes and abilities relating to amusement ,laughter ,jocularity and so on(Martin1998).In the present study Sense of Humour refers to the score of a Teacher on Teachers Sense of Humour Scale (TSHS).

Senior Secondary School Teachers :

In the present study teachers teaching in 11th and 12th classes of senior secondary schools are considered as Senior secondary school teachers.

Objectives of the study ;

- 1.To study correlation of Sense of Humourand TPACK with Professional Commitment of Senior secondary school teachers in overall sample, Gender and Location.
2. To identify the role of Sense of Humour and TPACK in predicting Professional Commitment of Senior secondary school teachers in overall sample, Gender and Location.

Hypotheses of the Study;

Ho1 .There exists no significant correlation of Sense of Humour and TPACK with Professional Commitment of Senior secondary school teachers in overall sample ,Gender and Location.

Ho2. There exists no significant role of Sense of Humourand TPACK in predicting Professional Commitment of Senior secondary school teachers in overall sample.

Variables in the study :

Dependent variable – Professional Commitment

Independent variable – Sense of Humour and TPACK

Design of the study :

Causal Comparative method of research was used.

Population :

Teachers teaching in Senior secondary schools situated in Jhajjar, Rohtak and Sonipat districts of Haryana state constituted the population of the study.

Sample :

Multi stage random sampling technique was used to select a sample of 600 senior secondary school teachers from senior secondary schools situated in Jhajjar ,Rohtak and Sonipat districts of Haryana state.

Tools used in the Study:

- 1.TPACK scale developed by Sharma and Sharma (2017).
2. Teachers Sense of Humour scale developed by Malik and Kapoor(2014).
3. Professional Commitment scale developed by the investigator.

Delimitations of the study :

1. The study is delimited to 600 senior secondary school teachers.
2. The study is delimited to only senior secondary school teachers of Jhajjar, Rohtak and Sonapat districts of Haryana state.
3. The study is delimited to only one Dependent variable i.e Professional Commitment.

Statistical Techniques used :

Descriptive statistics and Inferential statistics was used to analyse the data.

III. ANALYSIS AND INTERPRETATION:

The collected data were analysed both quantitatively as well as qualitatively.

O1. To study correlation of Sense of Humour and TPACK with Professional Commitment of Senior secondary school Teachers in overall sample, gender and location.

Ho1. There exists no significant correlation of Sense of Humour and TPACK with Professional Commitment of senior secondary school teachers in overall sample, gender and location.

To test the null hypothesis the values obtained from Teachers Sense of Humour scale, TPACK scale and Professional commitment scale were calculated and the results are presented in table 1.1 .Which is mentioned below. Correlation Studies of Sense of Humour and TPACK with Professional Commitment of senior secondary school teachers in overall sample ,gender and location.

TABLE 1.1 Correlation Coefficient (r)

Variables	Rural Males (150)	Rural Females (150)	Total Rural (300)	Urban Male (150)	Urban Female (150)	Total Urban (300)	Total Males (300)	Total Females (300)	Overall Sample (600)
Professional commitment	0.294*	0.315*	0.328*	0.345*	0.325*	0.324*	0.312*	0.265**	0.287*

0.05 Level of significance =0.088 & 0.01 Level of Significance = 0.115 at df (598)

0.05 Level of significance =0.113 & 0.01 Level of significance = 0.148 at df (298)

0.05 Level of significance =0.159 & 0.01 Level of significance =0.208 at df(148)

* Correlation is significant at 0.01 level

Correlation value in overall sample of Sense of Humour and TPACK with Professional Commitment is 0.287 which is significant at 0.01 level ,therefore ,null hypothesis is rejected at 0.01 level. Thus there exists positive and significant correlation. In male and female teachers ,correlational value is 0.312 and 0.265 respectively which is significant at 0.01 level and 0.05 level,therefore null hypothesis are rejected. So ,there exists positive and significant correlation of Sense of Humour and TPACK with Professional Commitment in both male and female teachers. In rural and urban teachers ,correlation value is 0.328 and 0.324 respectively which is significant at 0.01 level. Therefore ,null hypothesis are rejected. Thus,there exists positive and significant correlation of Sense of Humour and TPACK with Professional commitment. In sub-samples rural male and rural female teachers ,correlation values are respectively 0.294 and 0.315 both are significant at 0.01 level. Thus null hypothesis are rejected at 0.01 level. So there

exists positive and significant correlation of Sense of Humour andTPACK with Professional Commitment in both rural male and female teachers.In urban male and female teachers ,correlation values are 0.345 and 0.325 respectively which are also significant. So , null hypotheses are rejected. Thus there exists positive and significant correlation of Sense of Humour and TPACKwith Professional Commitment in Urban male and female teachers.

Regression Analysis:

Above correlation analysis depicted the positive correlation of Sense of Humour and TPACK with Professional Commitment but this does not indicate how much and how well independent variables are having a logical bearing on Professional commitment. For this regression analysis is done.

O2.To identify the role of Sense of Humour and TPACK in predicting Professional Commitment of senior secondary school teachers in overall sample.

Ho1. There exists no significant role of Sense of Humourand TPACK in predicting Professional Commitment of senior secondary school teachers in overall sample.

Table 2.1

Prediction of Professional Commitment by Sense of Humour and TPACK as predictors in overall sample

Table (a) Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	0.287a	0.082	0.079	14.578

a. Predictor : (Constant)- Sense of Humour, TPACK

Table (b) ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	11364.922	2	5682.461	26.736	0.000
	Residual	126884.143	597	212.536		
	Total	138249.065	599			

0.05 Level of Significance = 3.01 & Level of Significance = 4.65 at df 2/597

Table (C) Coefficients

Model	Unstandardized Coefficients B	Unstandardized Coefficients Std.Error	Standardized Coefficients Beta	t	Sig.
1 (constant)	41.641	6.837		6.091	0.000
Sense of Humour	0.154	0.026	0.243	6.031	0.000
TPACK	0.088	0.034	0.104	2.586	0.010

From the above summary table,it is clear that the total variance in Professional commitment as contributed by Sense of Humour and TPACK is 8.2% which is known as coefficient of determination.The regression is significant at 0.01 level as calculated F-value is greater than table value ,therefore null hypothesis is rejected. So, there exists significant role of both independent variables in predicting Professional Commitment. From the coefficient table ,it is noticed that if Sense of Humour goes for increase one unit, Professional Commitment will increase by 0.154 units and 0.08units in case of one unit increase in TPACK.

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