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CONSTRUCTION OF A TOOL MEASURE INTER PERSONAL BEHAVIOR OF TEACHER EDUCATORS

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ABSTRACT

In the present study interpersonal behavior scale has been constructed and standardized for the teacher educators. This scale consists of 60 statements. The simple random sample technique was used for this study. The sample consists of 100 teacher educators randomly selected from the Thanjavur and pudukkottai Districts. The 't' value was used to standardize the tool and finally 46 statements were retained for the final study.

KEYWORDS: Interpersonal behavior, Teacher educators.

I. INTRODUCTION:

The objective of the present investigation is to develop a tool to measure the Interpersonal behavior of teacher educator. As there is no suitable tool available for the purpose, the investigator



has constructed and validated one in order to realize his objectives.

The Interpersonal behavior scale (IBS) is a 3 point scale of "strongly agree", "Agree", "undecided", Sixty statements have been collected from the following sources like teacher educators.

DEFINITIONS OF INTERPERSONAL BEHAVIOR

Interpersonal behavior means behavior with others

Gathaw (2003) studied the interpersonal behavior of teacher in relation to work values and leadership behavior of the principals. The major objective was to investigate whether differences in work

values and leadership behavior of principals would account for significant differences in the teachers. The study reported a significant and positive relationship between and work values, Leadership behavior of principals.

Nguni, sleogers and benessen (2006) examined the effects of leadership on teacher's job satisfaction organizational commitment and organizational citizenship behavior. The regression analyses showed transformational leadership dimensions to have strong effects on teacher social and adjustment citizenship behavior.

Pilot Study

This Scale of 60 statements intended for the pilot study was administered to the sample, 100 teachers educators working in the Thanjavur and Pudukkottai District. Then their responses have been scored carefully and the marks secured by all the teacher educators have been arranged in the descending order from the highest score to lowest score. Then, they were subjected to item analysis.

Item Analysis

The next step in the standardization of Interpersonal behavior scale after pilot study is to find out the 't' value of each statement which forms the basis for item selection in order to build up the final scale.

The Likert – type scale calls for a graded response to each statement on a three – point scale ranging from "Agree(A)", "Undecided (UD)", "Disagree(DA)".

The different points on the scale are assigned arbitrary weights, for example 3,2,1 and 1 in the order of response for the positive statements (45 items). The scoring scheme is reversed for the negative statements (15 items). The scoring key given in below Table -1

Table – 1
Scoring key of the scale according to the nature of items

Nature of the Items	Agree	Undecided	Disagree
Positive 1, 2, 3, 4, 6, 7, 9, 10, 11, 12, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 52, 53, 54, 55, 56, 57, 58, 59, 60,	3	2	1
Negative 5, 8, 13, 18, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51	1	2	3

Items Selection

To select the items to form the final draft of the Interpersonal behavior, the difficulty index of the each item was analyzed. According to Edwards (1957), “the value of ‘t’ is a measure of the extent to which a given item differentiates between the high and low groups. If the ‘t’ value is equal to or greater than 1.96, it indicates that the average response of the high and low groups to a statement differs significantly, provided there are 25 or more subjects in the high group and also in the low group”.

The ‘t’ value for all the 60 items of the (IBS) were obtained to select the items for the final draft. Out of 60 items, 46 items were found to be selected as having ‘t’ value more than 1.96. They are given in table -2

Table -2
Item selected for the final draft of the IBS based on their ‘t’ value between upper and lower group

Item No	‘t’ value	Remarks	Item No.in the final Draft of IBS
1	0.38	Not selected	-
2	4.56	Selected	1
3	2.66	Selected	2
4	3.59	Selected	3
5	6.62	Selected	4
6	3.03	Selected	5
7	3.08	Selected	6
8	3.49	Selected	7
9	4.00	Selected	8
10	3.57	Selected	9
11	2.48	Selected	10
12	3.40	Selected	11
13	2.55	Selected	12
14	1.61	Not selected	-
15	4.44	Selected	13
16	2.74	Selected	14
17	1.67	Not selected	-
18	0.93	Not selected	-
19	0.79	Not selected	-
20	2.78	Selected	15
21	2.58	Selected	16
22	4.84	Selected	17

23	1.70	Not selected	-
24	4.51	Selected	18
25	3.74	Selected	19
26	0.73	Not selected	-
27	3.03	Selected	20
28	2.44	Selected	21
29	1.11	Not selected	-
30	3.86	Selected	22
31	3.57	Selected	23
32	2.58	Selected	24
33	7.13	Selected	25
34	3.46	Selected	26
35	3.94	Selected	27
36	4.15	Selected	28
37	5.02	Selected	29
38	2.88	Selected	30
39	3.83	Selected	31
40	2.48	Selected	32
41	1.29	Not selected	-
42	6.12	Selected	33
43	0.84	Not selected	-
44	5.38	Selected	34
45	7.10	Selected	35
46	2.28	Selected	36
47	1.10	Not selected	-
48	0.94	Not selected	-
49	1.46	Not selected	-
50	2.09	Selected	37
51	0.68	Not selected	-
52	5.79	Selected	38
53	4.95	Selected	39
54	6.15	Selected	40
55	5.41	Selected	41
56	4.72	Selected	42
57	8.30	Selected	43
58	5.81	Selected	44
59	3.72	Selected	45
60	6.16	Selected	46

Reliability

In order to establish the reliability of Interpersonal behavior scale the chronbach – alpha test was used. The reliability of interpersonal behavior scale was found to be Hence, Interpersonal behavior scale was considered as reliable

Validity

The index of validity which is the square root of the reliability was found to be Hence, Interpersonal

behavior scale selected for the study was considered to be highly valid.

CONCLUSION

The investigator is hopeful that this scale would be helpful to measure the level of Interpersonal behavior in the teacher educators. Hence this tool will be very useful for the investigator to measure to what extent the level of Interpersonal behavior is in the teacher educators.

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