

PRESENTATION SKILLS OF SECONDARY TEACHER EDUCATION STUDENTS

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ABSTRACT

This article highlights the presentation skills of secondary teacher education students. The sample consists of 916 students from Madurai, Dindigul and Trichy revenue districts from Tamil Nadu. The presentation skills questionnaire was prepared and validated by the guide and the investigator. This study showed that there is significant difference between male and female secondary teacher education students in toto and its dimensions such as explanation, audio visual aids, communication, and personality. There is significant difference between under graduate and post graduate secondary teacher education students in presentation skills in toto and its dimensions explanation, communication, subject competency, and personality. There is significant difference among the literature, arts and science secondary teacher education students in the dimensions content and questioning.

INTRODUCTION

Teaching is a global profession that needs to be understood properly. It is essential to grasp a global perspective of the profession as it makes assumptions about the future and to utilize the best thinking and instructional models available in the present time. Professionally, powerful teaching is very important and increasing in our contemporary society as a result of the steam of dynamic initiatives of human development and evolution. Due to these developments and evolution, standards of learning will be higher in the 21st century than it has been in the 20th century. As a result teachers would need to acquire additional knowledge and skills, both general and specific, to be able to survive and be successful in the 21st century school environment. Teacher education encompasses teaching skills, sound pedagogical theory and professional skills.

Teacher Education = Teaching skills + Pedagogical theory + Professional skills.

Teaching skills would include providing training and practice in the different techniques, approaches and strategies that would help the teachers to plan and impart instruction, provide appropriate reinforcement and conduct effective assessment. Pedagogical theory includes the philosophical, sociological and psychological considerations that would enable the teachers to have a sound basis for practicing the teaching skills in the

classroom. Professional skills include the techniques, strategies and approaches that would help teachers to grow in the profession and also work towards the growth of the profession.

OBJECTIVE

To find out the level of presentation skills and its dimensions of secondary teacher education students.

HYPOTHESES

1. There is no significant difference between male and female secondary teacher education students in presentation skills and its dimensions.
2. There is no significant difference between under graduate and post graduate secondary teacher education students in presentation skills and its dimensions.
3. There is no significant difference among literature, arts and science secondary teacher education students in presentation skills and its dimensions.

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METHODOLOGY

The investigator used the survey method for collecting data.

POPULATION

The population for the study was the secondary teacher education students of Madurai, Dindigul and Trichy revenue districts.

SAMPLE

The investigator used the simple random technique for selecting the sample from the population. The sample consisted of 916 secondary teacher education students. Among them 450 were male 466 were female students.

TOOL USED

A Presentation skills scale was developed by the investigator and the guide.

STATISTICAL TECHNIQUE USED

Mean, standard deviation, t-test, ANOVA and post ANOVA.

FINDINGS AND DISCUSSION

To find out the level of presentation skills and its dimensions of secondary teacher education students.

Table 1

LEVEL OF PRESENTATION SKILLS AND ITS DIMENSIONS OF SECONDARY TEACHER EDUCATION STUDENTS

DIMENSION	LOW		MODE RATE		HIGH	
	N	%	N	%	N	%
Motivation	214	23.4	579	63.2	123	13.4
Content	208	22.7	562	61.4	146	15.9
Explanation	202	22.1	597	65.2	117	12.9
Audio visual aids	169	18.4	652	71.2	95	10.4
Communication	169	18.4	652	71.2	95	10.4
Questioning	168	18.3	650	71.0	98	10.7
Subject competency	151	16.5	610	66.6	155	16.9
Class room management	160	17.5	610	66.6	146	15.9
Personality	212	23.1	546	59.6	158	17.3
Presentation skills in toto	183	20.00	608	66.4	125	13.6

It is inferred from the above table that the level of presentation skills and its dimensions of secondary teacher education students is moderate. Among the moderate

values the level of audio visual aids and communication are high (71.2%) and personality is low (59.6%).

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Null Hypothesis: 1

There is no significant difference between male and female secondary teacher education students in presentation skills and its dimensions.

Table 2

DIFFERENCE BETWEEN MALE AND FEMALE SECONDARY TEACHER EDUCATION STUDENTS IN PRESENTATION SKILLS AND ITS DIMENSIONS

Dimension	Male		Female		Calculated value of 't'	Re mark
	N= 450		N= 466			
	Mean	SD	Mean	SD		
Motivation	25.66	3.25	26.06	3.01	1.92	NS
Content	35.71	5.67	36.22	5.12	1.43	NS
Explanation	30.50	3.99	29.44	4.26	3.88	S
Audio visual aids	42.88	7.41	44.22	6.37	2.92	S
Communication	26.59	3.18	26.05	3.55	2.42	S
Questioning	32.96	5.67	33.55	4.97	1.68	NS
Subject competency	26.87	3.55	27.18	3.31	1.39	NS
Class room management	33.66	4.53	33.83	4.35	0.60	NS
Personality	39.97	6.19	40.99	5.89	2.56	S
Presentation skills in total	293.20	33.14	299.15	29.42	2.87	S

(The table value of 't' at 5% level of significance is 1.96)

It is inferred from the above table that there is significant difference between male and female secondary teacher education students in presentation skills in toto and its dimensions explanation, audio visual aids, communication, and personality, whereas, there is no significant difference between male and female students in the dimensions motivation, content, questioning, subject competency, and class room management.

Male secondary teacher education students are better than female students in the dimensions explanation and communication. But female secondary teacher education students are better than male students in presentation skill in toto and its dimensions audio visual aids and personality.

Null Hypothesis: 2

There is no significant difference between under graduate and post graduate secondary teacher education students in presentation skills and its dimensions.

Table 3

DIFFERENCE BETWEEN UNDER GRADUATE AND POST GRADUATE SECONDARY TEACHER EDUCATION STUDENTS IN PRESENTATION SKILLS AND ITS DIMENSIONS

Dimensions	UG		PG		Calculated Value of 't'	Remark
	N= 748		N=168			
	Mean	SD	Mean	SD		
Motivation	25.47	3.07	27.62	2.79	1.86	NS
Content	35.26	5.25	39.13	4.92	1.07	NS
Explanation	29.62	4.21	31.60	3.51	4.35	S
Audio visual aids	42.79	6.89	47.01	6.04	1.87	NS
Communication	25.98	3.33	27.86	3.15	4.91	S
Questioning	32.42	5.33	35.67	4.64	1.26	NS
Subject competency	26.72	3.48	28.40	2.81	6.69	S
Class room management	33.35	4.44	35.51	3.99	1.18	NS
Personality	39.83	5.93	43.44	5.74	7.33	S
Presentation skills in toto	291.73	30.66	316.23	26.74	10.44	S

(The table value of 't' at 5% level of significance is 1.96)

It is inferred from the above table that there is significant difference between under graduate and post graduate secondary teacher education students in presentation skills in toto and its dimensions explanation, communication, subject competency, and personality, whereas there is no significant difference in the dimensions motivation, content, audio visual aids, questioning, and class room management.

The PG secondary teacher education students are better than UG secondary teacher education students in their presentation skills in toto and its dimensions explanation, communication, subject competency and personality.

Null Hypothesis: 3

There is no significant difference among literature, arts and science secondary teacher education students in presentation skills and its dimensions.

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Table 4

DIFFERENCE AMONG LITERATURE, ARTS AND SCIENCE SECONDARY TEACHER EDUCATION STUDENTS IN PRESENTATION SKILLS AND ITS DIMENSIONS

Dimension	Sum of squares		MSV		Calculated Value of 'F'	Remark
	Between	Within	Between	Within		
Motivation	4.25	9015.88	2.13	9.88	0.22	NS
Content	212.25	26528.00	106.13	29.06	3.65	S
Explanation	35.94	15808.69	17.97	17.32	1.04	NS
Audio visual aids	208.00	43855.38	104.00	48.03	2.17	NS
Communication	25.25	10444.38	12.63	11.44	1.10	NS
Questioning	201.60	25880.13	100.53	28.35	3.55	S
Subject competency	26.94	10775.31	13.47	11.80	1.14	NS
Class room management	0.94	18035.31	0.47	19.75	0.02	NS
Personality	88.00	33582.88	44.00	36.78	1.20	NS
Presentation skills in toto	4192	901456	2096	987.36	2.12	NS

(The table value of 'F' at 5% level of significance for df 2, 913 is 3.00)

It is inferred from the above table that there is significant difference among literature, arts and science secondary teacher education students in the dimensions content and questioning.

Post ANOVA

Table 4 (A)

DIFFERENCE BETWEEN THE MEAN VALUES IN CONTENT IN TERMS OF MAJOR SUBJECT

Major subject	Mean 1 Literature	Mean 2 Arts	Mean 3 Science	MD	CI	Remark
Literature	35.83	35.44		0.38	0.86	NS
Arts	35.83		36.62	0.79	0.84	NS
Science		35.44	36.62	1.18	0.88	S

It is inferred from the above table that there is significant difference between arts and science secondary teacher education students in the dimension of content.

From the mean value it is observed that science (36.62) secondary teacher education students have scored higher value than arts (35.44) secondary teacher education students.

Table 4 (b)

DIFFERENCE BETWEEN THE MEAN VALUES IN QUESTIONING IN TERMS OF MAJOR SUBJECT

Major subject	Mean 1 Literature	Mean 2 Arts	Mean 3 Science	MD	CI	Remark
Literature	33.37	32.59		0.78	0.85	NS
Arts	33.37		33.75	0.38	0.83	NS
Science		32.59	33.75	1.15	0.87	S

It is inferred from the above table that there is significant difference between arts and science secondary teacher education students in the dimension questioning.

From the mean value it is observed that science (33.75) secondary teacher education students have scored higher value than arts (32.59) secondary teacher education students.

MAJOR FINDINGS

1. The level of presentation skills of secondary teacher education students is moderate.
2. Based on gender male secondary teacher education students are better than female students in the dimensions explanation and communication. But female secondary teacher education students are better than male students in presentation skills in toto and its dimensions audio visual aids and personality.
3. Based on qualification presentation skills of PG secondary teacher education students are found to be higher than those of UG secondary teacher education students.
4. Based on the major subjects there is significant difference among literature, arts and science secondary teacher education students in the dimensions content and questioning.

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RAINBOW TEACHER

A good teacher
is a brilliant light,
illuminating the prism of life,
revealing to students
a rainbow of possibilities.

- Joanna Fuchs

THANK YOU, TEACHER

Thank you, skillful teacher,
For teaching me to be
A stronger, smarter person,
Academically.
Thank you, favorite teacher
For acting like a friend,
And taking time to show me,
Lessons hard to comprehend.
Thank you for your caring
And lots of other stuff;
For all the things you gave me,
I can't thank you enough.

- Joanna Fuchs