

A Study on Interpretation Communication skill of Technical (Engineering) Students and Non – Technical (Arts) Students of Saurashtra Region

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ABSTRACT

Communication is the process of meaningful interaction among human beings. The basic steps of communication are: the forming of communicative intent, message composition, message encoding, and transmission of signal, reception of signal, message decoding and finally interpretation of the message by the recipient. Communication is simply the act of transferring information from one place to another. When you call or talk verbally to your friend, then you are said to be communicating with your friend. Communication is a two-way exchange that involves both a presenter and an audience. Communication includes written and non-verbal behaviours as well as speaking, and has as its goal to affect the knowledge or behaviour of another.

Key words: Interpretation Skill.

Introduction

Effective communication is key to maintaining good personal relationships with your spouse, parents, children and friends. Communication can include non-threatening sharing of information, or it may involve emotionally heavy topics that are likely to set off negative reactions in the person listening. Before you begin speaking with a significant other on a difficult subject, first check your feelings and the message you want to communicate.

Remove from your speech and body language triggers that suggest you mean something different from what you are saying. Effective communication is clear in content and respectful of the other person. Choose your words carefully and select ones that correctly represent your thoughts and feelings in a non-judgmental way. If you are not sure your message was received as intended, ask what was heard, and clarify. Effective communicators do not interrupt.

Objective of the Study

To Study the Interpretation Communication Skill of Technical (Engineering) Students and Non – Technical (Art) Students of Saurashtra Region

Data Collection

Present study is purely based on primary data and researcher has collected required data by generating structure online questionnaire. Questionnaire has been forwarded to respective organization of selected five district of Saurashtra region and response of respondent has been studied for Interpretation Skill

Interpretation Skill Analysis

Interpretation is the key element of communication skill. Researcher has generated one Question in Section C of the structured online questionnaire for all the students under study; Question No. 21 is generated with wrong spelling, to verify the skill of the students for proper interpretation of the meaning of the wrong spelling with right meaning.

211 cduoaltblveieetaht I cluodaulactyuesdnatnrdwaht I was rdanieg. Do you understandthe given text?

	Technical Students (Engineering)	Non-Technical Students (Arts)
I cduoaltblveieetaht I cluodaulactyuesdnatnrdwaht I was rdanieg Do you understand the given text?		
a) Yes	201	210
b) No	49	40
Total	250	250

(i) Technical (Engineering) Students

Table 1 : Analysis for Interpretation Skill for Technical (Engineering) Students						
District	(Observe Data)			(Expected Data)		
	Yes	No	Total	Yes	No	Total
Surendranagar	41	10	51	41.00	10.00	51
Rajkot	39	12	51	41.00	10.00	54
Jamnagar	43	06	49	39.40	09.60	49
Junagadh	39	09	48	38.60	09.40	48
Bhavnagar	39	12	51	41.00	10.00	51
Total (A)	201	49	250	201	49	250
Proportion (C) =A / N	0.804	0.196	(N)			

Table 2 : Chi-Square Calculation for Analysis for Interpretation Skill for Technical (Engineering) Students						
H ₀ : There is no significant different for Interpretation Skill for Technical (Engineering) Students of Selected District of Saurashtra Region						
H ₁ : There is significant different for Interpretation Skill for Technical (Engineering) Students of Selected District of Saurashtra Region						
District	Right Answer	O _i	E _i	O _i -E _i	(O _i -E _i) ²	(O _i -E _i) ² /E _i
Surendranagar	Yes	41	41.00	0.00	0.00	0.00
	No	10	10.00	0.00	0.00	0.00
Rajkot	Yes	39	41.00	-2.00	4.00	0.10
	No	12	10.00	2.00	4.00	0.40
Jamnagar	Yes	43	39.40	3.60	12.96	0.33
	No	06	09.60	-3.60	12.96	1.35
Junagadh	Yes	39	38.60	0.40	0.16	0.00
	No	09	09.40	-0.40	0.16	0.02
Bhavnagar	Yes	39	41.00	-2.00	4.00	0.10
	No	12	10.00	2.00	4.00	0.40
d.f. [(r -1) (c -1)] ; [(5 - 1) (2 - 1)] = 4					χ ² _c	2.70
					χ ² _t	9.488

From the above table it shows that $\chi^2_c=2.70$ and 5% level of significance with d.f. = 4 [(r-1) (c-1) = (5-1) (2-1)], $\chi^2_t= 9.488$ that means $\chi^2_c=2.70< \chi^2_t=9.488$, Hence **H₀** is accepted that there is no significant different in Interpretation skill and **H₁** is rejected for Interpretation Skill for Technical (Engineering) Students of Selected District of Saurashtra Region

(ii) Non – Technical (Arts) Students

Table 3 : Analysis for Writing Skill for Non-Technical (Arts) Students						
District	(Observe Data)			(Expected Data)		
	Right	Wrong	Total	Right	Wrong	Total
Surendranagar	32	09	41	33.95	7.05	41
Rajkot	48	06	54	44.70	9.30	54
Jamnagar	45	07	52	43.05	8.95	52
Junagadh	42	10	52	43.05	8.95	52
Bhavnagar	30	21	51	42.25	8.75	51
Total (A)	207	43	250	207	43	250
Proportion (C) =A / N	0.828	0.172	(N)			

Table 4 : Chi-Square Calculation for Analysis for Writing Skill for Non-Technical (Arts) Students						
H ₀ : There is no significant different for Interpretation Skill for Technical (Engineering) Students of Selected District of Saurashtra Region						
H ₁ : There is significant different for Interpretation Skill for Technical (Engineering) Students of Selected District of Saurashtra Region						
District	Right Answer	O _i	E _i	O _i -E _i	(O _i -E _i) ²	(O _i -E _i) ² /E _i
Surendranagar	Yes	32	33.95	-1.95	3.80	0.11
	No	09	7.05	1.95	3.80	0.54
Rajkot	Yes	48	44.70	3.30	10.89	0.24
	No	06	9.30	-3.30	10.89	1.17
Jamnagar	Yes	45	43.05	1.95	3.80	0.09
	No	07	8.95	-1.95	3.80	0.42
Junagadh	Yes	42	43.05	-1.05	1.10	0.03
	No	10	8.95	1.05	1.10	0.12
Bhavnagar	Yes	30	42.25	-12.25	150.06	3.55
	No	21	8.75	12.25	150.06	17.15
d.f. [(r -1) (c -1)] ; [(5 - 1) (2 - 1)] = 4					χ^2_c	23.43
					χ^2_t	9.488

From the above table it shows that $\chi^2_c = 23.43$ and 5% level of significance with d.f. = 4 [(r-1) (c-1) = (5-1) (2-1)], $\chi^2_t = 9.488$ that means $\chi^2_c = 23.43 > \chi^2_t = 9.488$, Hence H₀ is rejected and H₁ is accepted that there is significant different in Interpretation skill for Non-Technical (Arts) Students of Selected District of Saurashtra Region

Conclusion

It is concluded that Technical (Engineering) Students are Equal in all district for Interpretation communication skill while it shows poor interpretation skill for Non – Technical (Arts) Students of selected district of Saurashtra Region.

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