

CHAPTER-IV

ANALYSIS AND INTERPRETATION OF DATA

PART-I - ANALYSIS BASED ON EFFECTIVENESS IN
COMMUNICATION.

PART-II - ANALYSIS BASED ON PERSONALITY
FACTORS.

PART - I

ANALYSIS BASED ON EFFECTIVENESS
IN COMMUNICATION.

Having collected the data according to the objectives of the present study, it was classified and tabulated as per the hypothesis. In order to make the herculean task of interpretation, within the prescribed scope possible, it was given statistical treatment, with all the niceties of the Science. The extensive field of the present study can be covered fully and perfectly, both theoretically and statistically only.

In keeping with the requirements of the stated objectives of this study, the data collected with the help of the LEQ and Cattells Sixteen Personality Factor Questionnaire (16 P.F.) was classified tabulated and ready for analysis. The nature of the collected data was as follows :

1) Categorisation of the teacher communicator from the four professional courses namely, Education, Engineering, Law and Medicine professionwise and yearwise into effective and non-effective teacher communicator based on the students rating of their teachers on the LEQ.

2) The scores on the 16 P.F. of effective and non-effective teachers from the four professional courses on each of the sixteen personality factors.

The above data has been analysed in two parts as follows :

PART -I :

Analysis based on effectiveness in communication. The

teacher communicators of the four professions namely, Education, Engineering, Law and Medicine have been analysed separately year-wise according to their effectiveness in communication.

PART-II :

Analysis based on personality factors where in the effective teacher communicators of the four professions under study have been compared on the basis of their personality factor.

PART-I : Analysis based on effectiveness in communication -

The data collected from the students sample by means of the LEQ has been analysed by comparing effective and non-effective teacher communicators professionwise.

Based on Appendix 'E'. The scores for effective and non-effective teachers of the four professions under study, namely, Education, Engineering, Law and Medicine have been tabulated separately and compared in table numbers 6 to 19 starting with Education.

1) EDUCATION : The yearwise scores and their mean scores are given in Table No.6.

TABLE No.6

Scores for effective teachers Communicators
(Education)

Student:	B.A.I		B.A.II		B.A.III		B.A.IV	
	:Score:	:Mean	:Score	:Mean	:Score	:Mean	:Score	:Mean
:	:Score	:	:Score	:	:Score	:	:Score	:
1.	431	6.95	453	7.30	402	6.48	445	7.17
2.	435	7.01	464	7.48	425	6.85	440	7.09
3.	429	6.91	446	7.19	422	6.80	452	7.29
4.	425	6.85	505	8.14	398	6.41	448	7.22
5.	456	7.35	470	7.58	415	6.69	448	7.22
6.	432	6.96	490	7.90	429	6.91	455	7.33
7.	357	3.75	448	7.22	423	6.82	460	7.41
8.	417	6.72	452	7.29	430	6.93	456	7.35
9.	420	6.77	460	7.41	448	7.22	440	7.09
10.	421	6.79	478	7.70	450	7.25	442	7.12
11.	393	6.33	459	7.40	439	7.08	450	7.25
12.	428	6.90	465	7.5	452	7.29	456	7.35
13.	343	5.13	483	7.79	432	6.96	477	7.69
14.	430	6.93	440	7.09	438	7.06	462	7.45
15.	454	7.54	458	7.38	468	7.54	445	7.17
16.	400	6.54	468	7.54	463	7.46	455	7.33
17.	445	7.17	478	7.70	483	7.79	465	7.5
18.	357	5.75	442	7.12	475	7.66	470	7.58
19.	479	7.72	448	7.22	480	7.74	438	7.0
20.	398	6.40	445	7.17	478	7.70	448	7.22
Total	134.39		141.72		142.64		145.91	
Average	6.71		7.08		7.13		7.29	

Scores for effective teacher communicators - Education :

Table No.6 spells out the scores given by the students yearwise from the four year College of Education to teachers teaching them, whom they have rated as being effective communicators based on the total scores the mean scores have been calculated.

For B.A.I year the mean score varies from 3.75 to 7.72 with an average of 6.71. For B.A.II year it varies from a minimum of 7.09 to 8.14 the average being 7.08. The mean score for B.A. III year varies from 6.41 to 7.74 with an average of 7.13 and for B.A.IV year it varies from a minimum of 7.00 to a maximum of 7.69, the average mean score being 7.29.

TABLE No.7

Scores for non-effective Teacher Communicators (Education).

Student:	B.A.I		B.A.II		B.A.III		B.A.IV	
	:Score	:Mean	:Score	:Mean	:Score	:Mean	:Score	:Mean
	:	:Score	:	:Score	:	:Score	:	:Score
1.	99	1.59	184	2.98	163	2.62	179	2.88
2.	122	1.96	227	3.66	143	2.30	146	2.35
3.	179	2.88	178	2.87	183	2.95	166	2.67
4.	140	2.25	229	3.69	149	2.40	189	3.04
5.	190	3.06	198	3.19	170	2.74	154	2.48
6.	136	2.19	160	2.58	85	1.37	139	2.24
7.	121	1.95	174	2.80	173	2.79	143	2.30
8.	151	2.43	185	2.98	203	3.27	115	1.85
9.	169	2.72	203	3.27	202	3.25	206	3.32
10.	156	2.51	169	2.72	175	2.82	175	2.82
11.	107	1.72	140	2.25	156	2.51	182	2.93
12.	148	2.38	132	2.12	131	2.11	164	2.64
13.	134	2.16	147	2.37	153	2.46	195	3.14
14.	128	2.06	156	2.51	203	3.27	153	2.46
15.	116	1.87	147	2.37	178	2.87	155	2.5
16.	151	2.43	147	2.37	93	1.5	166	2.67
17.	143	2.30	142	2.29	166	2.67	143	2.30
18.	219	3.53	138	2.22	185	2.78	157	2.53
19.	122	1.96	180	2.90	154	2.48	149	2.40
20.	136	2.19	147	2.37	172	2.77	139	2.24
Total		46.14		54.51		49.18		51.76
Average		2.30		2.72		2.45		2.58

Scores for non-effective teacher communicators - Education :

In Table No.7, the total scores for non-effective teachers communicators in Education given by the students yearwise for Education are seen. From the total scores the mean scores have been calculated.

For B.A.I year the mean score varies from 1.59 to 3.53 with an average of 2.30. For B.A.II year, it varies from a minimum of 2.12 to 3.69 the average being 2.72. The mean score for B.A.III year varies from 1.37 to 3.27 with an average of 2.45 and for the B.A.IV it varies from a minimum of 1.85 to maximum of 3.32, the average mean score being 2.58.

TABLE No.8

Based on Table No.6, 7 the following data is evident.

Comparison of Mean Scores effective and non-effective communicators in Education.

Sr. No.	Year	Effective teacher	Non-Effective teacher
1.	B.A.B.Ed. I	6.71	2.30
2.	B.A.B.Ed. II	7.08	2.72
3.	B.A.B.Ed. III	7.13	2.45
4.	B.A.B.Ed. IV	7.29	2.58
Total		28.21	10.05
Average		7.05	2.51

Comparison score of Effective and Non-effective teacher Communicators in Education -

Table No.8 shows the mean score of effective and non-effective teacher communicators of Education yearwise.

It is evident from the table that a marked difference exists between the mean score of effective teachers and non-effective teacher communicator in each of the four years, ranging from a maximum mean score of 7.29 to a minimum of 2.30. The average mean score of effective communicators in Education is 7.05 whereas that of non-effective communicators is 2.51.

It is seen that there is significant difference between average score of effective teacher communicator and non-effective teacher communicator of Education.

Therefore, hypothesis H_1 stands rejected.

ENGINEERING :

The year-wise scores and the mean scores are given in Table No.9.

TABLE NO. 9

Scores for Effective Teacher Communicators (Engineering).

Students:	<u>B.E.I</u>		<u>B.E.II</u>		<u>B.E.III</u>		<u>B.E.IV</u>	
	:Score:	:Mean	:Score	:Mean	:Score	:Mean	:Score	:Mean
	:Score	:Score	:Score	:Score	:Score	:Score	:Score	:Score
1.	406	6.54	4.61	6.46	379	6.11	479	7.72
2.	412	6.64	406	6.54	409	6.59	411	7.43
3.	397	6.82	417	6.72	394	6.35	454	7.32
4.	427	6.88	419	6.75	415	6.69	455	7.33
5.	381	6.14	442	7.12	400	6.45	460	7.41
6.	400	6.45	444	7.16	409	6.59	478	7.70
7.	407	6.56	418	6.78	430	6.93	450	7.25
8.	392	6.32	436	7.05	407	6.56	458	7.38
9.	407	6.56	428	6.90	404	6.51	453	7.30
10.	401	4.46	444	7.16	427	6.88	445	7.17
11.	394	6.35	431	6.95	420	6.77	440	7.09
12.	387	6.24	424	6.83	398	6.41	480	7.74
13.	381	6.14	419	6.75	423	6.82	458	7.38
14.	387	6.24	445	7.17	416	6.70	462	7.45
15.	397	6.40	417	6.72	374	6.03	468	7.54
16.	387	6.24	424	6.83	414	6.67	480	7.41
17.	423	6.66	412	6.64	393	6.33	453	7.30
18.	411	6.62	417	6.72	410	6.61	445	7.17
19.	393	6.33	405	6.58	388	6.25	438	7.06
20.	423	6.82	396	6.38	381	6.14	480	7.74
Total		128.99		132.20		130.00		142.89
Average		6.44		6.81		6.51		7.14

Scores for effective teacher communicators - Engineering :

Table No.9 spells out the scores given by the students yearwise from the four year college of Engineering to teachers teaching them, whom they have rated as being effective communicators. Based on the total scores the mean scores have been calculated.

For B.E.I year the mean score varies from 4.46 to 6.88 with an average of 6.44. For B.E.II year it varies from a minimum of 6.38 to 7.17 the average being 6.81. The mean score for B.A.III year varies from 6.03 to 6.93 with an average of 6.51 and for the B.A.IV year it varies from a minimum of 7.96 to a maximum of 7.74, the average mean score being 7.14.

TABLE NO.10

Scores for non-effective teacher communicator (Engineering).

Students :	B.E.I		B.E.II		B.E.III		B.E.IV	
	:Score:	Mean	:Score	:Mean	:Score	:Mean	:Score	:Mean
	:	:Score :	:	:Score :	:	:Score :	:	:Score
1.	159	2.56	154	2.48	123	1.98	171	2.75
2.	155	2.5	167	2.69	132	2.12	125	2.01
3.	161	2.59	149	2.40	145	2.33	116	1.87
4.	148	2.3	136	2.19	161	2.59	130	2.09
5.	167	2.69	121	1.95	139	2.24	172	2.77
6.	146	2.35	171	2.75	144	2.32	137	2.20
7.	187	2.95	148	2.38	138	2.22	145	2.33
8.	144	2.32	124	2.0	124	2.0	98	1.58
9.	129	2.08	188	3.03	119	1.91	95	1.53
10.	168	2.78	144	2.32	148	2.38	93	1.50
11.	139	2.24	155	2.50	132	2.12	179	2.88
12.	126	2.32	139	2.24	131	2.24	181	2.59
13.	169	2.12	145	2.33	143	2.30	133	2.14
14.	134	2.16	184	2.95	161	2.59	197	3.17
15.	134	2.18	178	2.88	159	2.56	171	2.75
16.	139	2.24	150	2.41	166	2.67	179	2.88
17.	160	2.58	153	2.46	152	2.45	141	2.27
18.	130	2.09	153	2.46	139	2.24	104	1.67
19.	127	2.05	139	2.24	139	2.24	102	1.64
20.	184	2.96	152	2.45	146	2.35	130	2.09
Total		48.42		49.11		45.72		44.71
Average		2.44		2.45		2.28		2.23

Scores of non-effective teacher communicators - Engineering

Table No.10 the total scores for non-effective teachers given by the students year-wise for Engineering are seen. From the total scores the mean scores have been calculated.

For B.E.I year the mean score varies from 2.05 to 2.96 with an average of 2.42. For B.E.II year it varies from a minimum of 1.95 to 3.03 the average being 2.45. The mean score for B.E.III year varies from 1.91 to 2.67 with an average of 2.28 and for the B.E. IV it varies from a minimum of 1.5 to maximum of 3.17, the average mean score being 2.23.

TABLE No.11

Based on table No.9, 10 the following data is evident.

Comparison of mean scores effective and non-effective teacher communicators in Engineering.

Year	Effective Teacher	Non-Effective Teacher
B.E.I	6.44	2.42
B.E.II	6.81	2.45
B.E.III	6.51	2.28
B.E.IV	7.14	2.23
Total	26.90	9.38
Average	6.72	2.34



Comparison of mean scores of effective and non-effective teacher communicators - Engineering.

Table No.11 shows the mean score of effective and non-effective teacher communicator of Engineering yearwise.

It is evident from the table that a marked difference exists between the mean score of effective teachers and non-effective teacher communicator in each of the years, ranging from a maximum mean score of 7.14 and minimum of 2.23. The average mean score of effective communicators in Engineering is 6.72 whereas that of non-effective communicators is 2.34.

It is found that there is significant difference between average score of effective and non-effective teacher communicator of Engineering.

Therefore, hypothesis H_2 stands rejected.

(iii) LAW :

The yearwise scores and the mean scores are given in Table No.12.

TABLE NO.12

Scores for effective teacher communicator (Law)

Stu- dents	Law I		Law II		Law III		Law IV		Law V	
	Score	Mean	Score	Mean	Score	Mean	Score	Mean	Score	Mean
1.	434	7.0	461	7.43	463	7.46	463	7.46	464	7.48
2.	490	7.90	453	7.30	460	7.41	460	7.41	449	7.24
3.	479	7.72	502	8.09	468	7.54	468	7.54	542	8.74
4.	494	7.76	496	8.0	495	7.98	495	7.98	466	7.51
5.	470	7.58	446	7.19	455	7.33	455	7.33	461	7.43
6.	486	7.83	448	7.22	435	7.61	435	7.61	-	-
7.	469	7.56	461	7.43	491	7.91	491	7.91	-	-
8.	481	7.75	451	7.27	462	7.54	-	-	-	-
9.	493	7.95	431	6.95	511	8.24	-	-	-	-
10.	488	7.87	363	5.85	452	7.29	-	-	-	-
11.	502	8.09	471	7.59	473	7.62	-	-	-	-
12.	432	6.96	470	7.50	455	7.33	-	-	-	-
13.	483	7.79	395	6.37	443	7.14	-	-	-	-
14.	434	7.00	434	7.00	462	7.45	-	-	-	-
15.	494	7.96	453	7.30	530	8.54	-	-	-	-
16.	417	6.72	-	-	459	7.40	-	-	-	-
17.	479	7.72	-	-	478	7.70	-	-	-	-
18.	514	8.29	-	-	473	7.62	-	-	-	-
19.	477	7.69	-	-	-	-	-	-	-	-
20.	431	6.95	-	-	-	-	-	-	-	-
Total	152.29		108.57		137.86		53.24		38.40	
Average	7.61		7.23		7.65		7.60		7.68	

Scores of Effective teacher communicators - Law :

Table No.12 spells out the scores given by the students yearwise from the five year College of Law to teachers teaching them whom they have rated as being effective communicators from the total scores the mean scores have been calculated.

For Law I year the mean scores varies from 6.95 to 8.29 with an average of 7.61. For Law II year it varies from a minimum of 5.85 to 8.09 the average being 7.23. The mean score for Law III year varies from 7.14 to 8.54 with an average of 7.65. The mean score for Law IV year varies from 7.33 to 7.98 with an average of 7.60 and for Law V year it varies from a minimum of 7.24 to a maximum of 8.74, the average mean score being 7.68.

TABLE No.13

Scores for non-effective teacher communicator (Law).

Stu- dents	Law-I		Law II		Law III		Law IV		Law V	
	Score	Mean	Score	Mean	Score	Mean	Score	Mean	Score	Mean
1.	185	1.98	71	1.14	138	2.22	125	2.01	141	1.27
2.	181	2.91	144	2.32	113	1.82	103	1.66	136	2.19
3.	158	2.45	141	2.27	176	2.83	115	1.85	112	1.80
4.	153	2.46	62	1.00	140	2.25	114	1.83	122	1.96
5.	157	2.53	171	2.75	141	2.27	112	1.80	115	1.85
6.	154	2.48	179	2.88	114	1.83	91	1.46	-	-
7.	171	2.75	96	1.54	158	2.64	88	1.41	-	-
8.	139	2.24	195	3.14	140	2.25	-	-	-	-
9.	107	1.72	176	2.83	112	1.81	-	-	-	-
10.	190	3.06	110	1.77	131	2.11	-	-	-	-
11.	117	2.85	111	1.79	161	2.59	-	-	-	-
12.	137	2.20	94	1.51	143	2.30	-	-	-	-
13.	179	2.88	116	1.87	157	2.54	-	-	-	-
14.	150	2.49	162	2.61	127	2.04	-	-	-	-
15.	162	2.61	148	2.38	130	2.09	-	-	-	-
16.	114	1.83	-	-	102	1.64	-	-	-	-
17.	167	2.69	-	-	159	2.56	-	-	-	-
18.	153	2.45	-	-	125	2.01	-	-	-	-
19.	147	2.37	-	-	-	-	-	-	-	-
20.	160	2.58	-	-	-	-	-	-	-	-
Total	50.60		31.80		39.68		12.02		10.07	
Average	2.53		2.12		2.20		1.71		2.01	

Scores of non-effective teacher communicators - Law :

Table No.13 the total scores for non-effective teachers given by the students yearwise for Law are seen. From the total scores the mean scores have been calculated.

For Law I year the mean score varies from 1.72 to 3.06 with an average of 2.53. For Law II year it varies from a minimum of 1.0 to 3.14 the average being 2.12. The mean score for Law III year varies from 1.64 to 2.83 with an average of 2.20. The mean score for Law IV year varies from 1.41 to 2.01 with an average of 1.71 and for the Law V year it varies from a minimum of 1.80 to maximum of 2.27, the average mean score being 2.01.

TABLE No.14

Based on Table No.12.13 the following data is evident.

Comparison of mean scores of effective and non-effective teacher communicator in Law :

Year	Effective Teacher	Non-effective Teacher
Law I	7.61	2.53
Law II	7.23	2.12
Law III	7.65	2.20
Law IV	7.60	1.71
Law V	7.68	2.01
Total	37.77	10.57
Average	7.55	2.11

Comparison of mean scores of effective and non-effective
teacher communication - Law :

Table No.14 shows the mean score of effective and non-effective teacher communicator of Law, yearwise.

It is evident from the table that a marked difference exists between the mean score of effective teachers and non-effective teacher communicator in each of the years, ranging from a maximum mean score of 7.68 and minimum in Law is 7.55 whereas that of non-effective communicators is 2.11.

It can be seen that there is significant difference between average score of effective and non-effective teacher communicator of Law.

Therefore, Hypothesis H_3 stands rejected.

(IV) MEDICINE :

The yearwise scores and the mean scores are given in Table No.15.

TABLE No.15Scores for Effective Teacher Communicators - Medicine

Students:	<u>M.B.B.S.I</u>		<u>M.B.B.S.II</u>		<u>M.B.B.S.III</u>	
	:Score	: Mean	: Score	: Mean	: Score	: Mean
:	: Score	:	: Score	:	: Score	:
1.	477	7.69	481	7.75	452	7.29
2.	463	7.46	485	7.82	348	5.61
3.	342	5.51	440	7.09	375	6.04
4.	398	6.41	448	7.22	410	6.61
5.	490	7.90	490	7.90	425	6.85
6.	485	7.82	455	7.33	449	7.24
7.	476	7.67	460	7.41	392	6.32
8.	465	7.50	465	7.50	388	6.25
9.	445	7.17	458	7.38	429	6.91
10.	448	7.22	465	7.50	419	6.75
11.	455	7.33	470	7.58	427	6.88
12.	487	7.85	425	6.85	397	6.40
13.	443	7.14	439	7.08	460	7.41
14.	440	7.09	468	7.54	378	6.09
15.	455	7.33	475	7.66	418	6.74
16.	480	7.74	482	7.77	470	7.58
17.	446	7.19	463	7.46	409	6.59
18.	435	7.01	478	7.70	388	6.25
19.	430	6.90	460	7.41	427	6.88
20.	475	7.66	469	7.56	448	7.22
Total	146.62		149.59		127.06	
Average	7.28		7.47		6.35	

Scores of effective teacher communicators in Medicine :

Table No.15 spells out the scores given by the students yearwise from the three year college of Medicine to teachers teaching them, whom they have rated as being effective communicators. From the total scores, the mean scores have been calculated.

For M.B.,B.S. I year the mean scores varies from 5.51 to 7.90 with an average of 7.28. For M.B.,B.S. II year it varies from a minimum of 6.85 to 7.90 the average being 7.47. The mean score for M.B.,B.S. III year varies from 5.61 to 7.58 with an average of 6.35.

TABLE NO.16

Scores for Non-effective Teacher Communicators -
Medicine.

Students	M.B.B.S. I		M.B.B.S.II		M.B.B.S.III	
	Score	Mean	Score	Mean	Score	Mean
	: Score	: Score	: Score	: Score	: Score	: Score
1.	127	2.04	182	2.93	202	3.25
2.	89	1.43	110	1.77	213	3.43
3.	151	2.43	99	1.59	149	2.40
4.	105	1.69	149	2.40	145	2.33
5.	225	3.62	113	1.82	159	2.56
6.	127	2.04	164	2.64	150	2.40
7.	165	2.66	169	2.72	180	2.90
8.	147	2.37	155	2.50	142	2.09
9.	170	2.74	132	2.12	160	2.58
10.	150	2.41	142	2.29	143	2.30
11.	155	2.50	114	1.83	145	2.13
12.	180	2.90	143	2.30	158	2.54
13.	132	2.12	143	2.30	152	2.45
14.	102	1.64	112	1.80	178	2.87
15.	87	1.40	188	3.03	168	2.70
16.	141	2.27	134	2.16	130	2.09
17.	110	1.77	130	2.09	159	2.56
18.	154	2.48	142	2.29	175	2.82
19.	97	1.50	146	2.35	105	1.69
20.	108	1.74	142	2.29	151	2.43
Total		43.81		44.22		48.48
Average		2.19		2.26		2.42

Scores of Non-effective teacher Communicators - Medicine :

Table No.16 the total scores for non-effective teachers given by the students yearwise for Medicine are seen. From the total scores the mean scores have been calculated.

For M.B.B.S.I year the mean score varies from 1.40 to 3.62 with an average of 2.19. For M.B.B.S.II year it varies from a minimum of 1.59 to 3.03 the average being 2.26, and for the M.B.B.S.III year it varies from a minimum of 1.69 to maximum of 3.43, the average mean score being 2.42.

TABLE NO.17

Based on Table No.15,16 the following data is evident.

Comparison of mean scores effective and non-effective teacher communicator in Medicine.

Year	Effective Teacher	Non-effective Teacher
M.B.B.S.I	7.28	2.19
M.B.B.S.II	7.47	2.26
M.B.B.S.III	6.35	2.42
Total	21.10	6.87
Average	7.03	2.29

Comparison of Mean scores of effective and non-effective
Teacher Communicators in Medicine :

Table No.17 shows the mean score of effective and non-effective teacher communicator of Medicine yearwise.

It is evident from the table that a marked difference exists between the mean score of effective teachers and non-effective teacher communicator in each of the years, ranging from a maximum mean score of 7.47 and minimum 6.35. The average mean score of effective communicators in Medicine is 7.03 where as that of non-effective communicators 2.29. It is found that there is significant difference between average score of effective and non-effective teacher communicator of medicine.

Therefore, Hypothesis H_4 stands rejected.

TABLE NO.18

Mean Scores of Effective & Non-Effective
Teacher's Professionwise.

	Effective Mean score	Non-Effective Mean score	Calculated	Tabled
Education	7.05	2.51	29.4452	3.18
Engineering	7.72	2.34	25.9828	2.447
Medicine	7.55	2.11	34.7702	2.31
Law	7.03	2.29	13.4399	2.78

Observation : In Table No.18 the mean scores of effective and non-effective teachers professionwise is given based on which the calculated 't' and tabled 't' is drawn at 0.05 level.

Interpretation : The mean score of the effective teachers of Education is 7.05 and the non-effective teachers mean score is 2.51. The mean score of the effective teachers of Engineering is 7.72 and the non-effective teachers mean score is 2.34. The mean score of the effective teachers of Law is 7.55 and non-effective teachers mean score is 2.29. The mean score of the effective teachers of Medicine is 7.03 and non-effective teachers mean score is 2.29.

Conclusion : There is significant difference between average score of effective teacher and non-effective teacher in Education, Engineering, Law, Medicine.

TABLE No.19

Comparison of Mean scores of effective teachers in Education with Engineering, Law, Medicine.

Professional courses.	:Educa- :tion :	:Enginee- :ring :	:Educa- :tion :	: Law :	:Educa- :tion :	: Medicine
1. Mean Score	7.05	7.72	7.05	7.55	7.05	7.03
2. Calculated t		4.9169		2.6761		0.0615
3. Tabled t		2.447		2.37		2.57

Observation : In Table No.19 a comparison of the mean scores of effective teacher educators of Education with those of Engineering, Law and Medicine been undertaken separately. The mean score is compared and calculated 't' and tabled 't' are drawn.

Interpretation : In Column 1, the mean scores of Education (7.05) is compared with that of Engineering (7.72). The calculated 't' is 4.9169 and tabled 't' is 2.447. In column 2 mean scores of Education (7.05) is compared with that of Law (7.55). The calculated 't' is 2.6761 and tabled 't' is 2.37. In column 3, the mean score of Education (7.05) is compared with that of Medicine (7.03). The calculated 't' being 0.0615 and tabled 't' being 2.57.

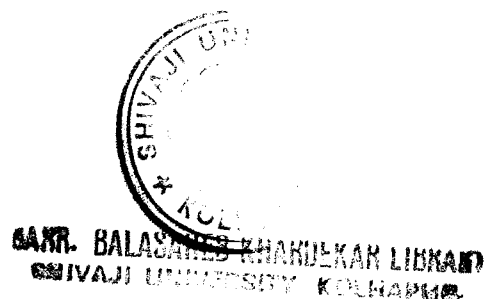
Conclusion : It can be concluded that there is significant difference between the effective teacher communicators from Engineering and Law as compared to those from Education. But the teacher communicators from Medicine and those from Education are quite similar.

Having analysed the LEQ, it was found that there was a very minimal if not negligible representation of female teacher in the Engineering, Law and Medicine professions. Therefore, the comparative study sex-wise ^{was} /not under taken.

analysed

After analysing the LEQ the researcher/the grade (A, B+ and C) given by the students year wise to their effective and non-effective teacher were found to have been given B+ and C grades where as the effective teachers were grade 'A' indicating that the grades ^{are} correctly given by the students to their teachers.

The analysis of LEQ has established that the teachers identified as effective and non-effective by students of the four professions from their interviews have been found to be significantly accurate, but there are several discriminative factors which may contribute to similarities and differences in effective teacher communicators from different professions, one of the chief being personality factors. It was, therefore, necessary to find out and compare the effective teacher communicators from the four professions on the basis of their personality factors. This has been done in Part-II of the present chapter.



PART - II

ANALYSIS BASED ON PERSONALITY
FACTORS

TABLE NO.20

Scores of effective and non-effective teacher communicators of the four profession on factor A (Reserved-out going).

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total sten Score	Mean Score	Total sten Score	Mean Score
1.	Education	8	2.00	7	1.50
2.	Engineering	9	2.25	5	1.25
3.	Law	9	1.80	7	1.40
4.	Medicine	7	2.33	3	1.00

Observation : In table No.20, the total sten score and mean scores on personality factor A - 'Reserved-out going' of effective and non-effective teacher communicators of the four professions namely Education, Engineering, Law and Medicine are seen.

In the case of Education the total sten score of effective teacher communicator is 8 where as the mean score is 2. The sten score of non-effective teachers is 7 where as the mean score is 1.5.

The effective teacher communicator of the Engineering course have a total sten score of 9 and the mean score 2.25. The total sten score of non-effective teacher communicator's is 5 where as the mean score is 1.25.

The effective Law teacher communicator's total sten score is 9 and the mean score is 1.8. The total sten score of non-effective teacher-communicator's is 7 where as the mean score is 1.4.

The effective teacher-communicators from the Medicine courses's total sten score is 7 and the mean score is 2.33. The total sten score of non-effective teacher-communicator's is 3 where as the mean score 1.00.

Interpretation and Conclusion : The range of mean score in the case of both effective and non-effective teacher-communicator's of the four professions falls between 1.00 and 2.33 which indicates that on factor 'A' all the teacher-communicator's irrespective of the profession have low sten scores which means they all fall in the category of 'being Reserved'.

TABLE NO. 21

Scores of effective and non-effective teacher-communicators of the four professions on factor 'B' (less intelligent - more intelligent).

Sr. No.	Professions	:Effective Teacher		:Non-effective Teacher	
		:Total sten : score	: Mean : Score	:Total sten : Score	: Mean : Score
1.	Education	10	2.50	9	2.25
2.	Engineering	7	1.75	4	1.00
3.	Law	7	1.4	7	1.4
4.	Medicine	8	2.66	8	2.66

Observation : In Table No.21, the total sten score and mean scores on personality factor 'B', Dull - Bright, of effective and non-effective teacher-communicator's of the four professions namely Education, Engineering, Law and Medicine are seen.

In the case of Education the total sten score of effective teacher-communicator's is 10 where as the mean score is 2.50. The sten score of non-effective teachers is 9 where as the mean score is 2.25.

The total sten score of teacher-communicators of the Engineering courses is 7 and the mean score 1.75. The total sten score of non-effective teacher-communicator's is 4 where as the mean score is 1.00.

The total sten score of effective teacher-communicator's of Law courses is 7 and the mean score is 1.4. The total sten score of non-effective teacher-communicator's is 7 where as the mean score is 1.4.

The total sten score of effective teacher-communicator's of the Medicine course is 8 and the mean score is 2.66. The total sten score of non-effective teacher communicator's is 8 where as the mean score 2.66.

Interpretation and Conclusion : The range of mean score in

the case of both, effective and non-effective teacher-communicator's of the four professional falls between 1.00 and 2.66 which indicates that on factor 'B' all the teacher-communicator's irrespective of the profession have low sten scores which means they all fall in the category of 'being Dull'.

TABLE NO.22

Scores of effective and non-effective teacher-communicator's of the four professions on factor 'C' (Affected by feelings - Emotionally stable).

Sr. No.:	: <u>Effective Teacher</u>		: <u>Non-effective teacher</u>	
	: Total sten : : Score	: Mean : : Score	: Total sten : : Score	: Mean : : Score
1. Education	8	2.00	8	2.00
2. Engineering	8	2.00	7	1.75
3. Law	10	2.00	10	2.00
4. Medicine	7	2.33	5	1.66

Observation : In Table No.22, the total sten score and mean scores on personality factor 'C', Affected by feelings - Emotionally stable, of effective and non-effective teacher-communicator's of the four professions namely Education, Engineering, Law and Medicine are seen.

In the case of Education the total sten score of effective teacher-communicator's is 8 where as the mean score is 2.00. The

sten score of non-effective teachers is 8 where the mean score is 2.25.

The total sten score of teacher-communicator's of the Engineering course is 8 and the mean score 2.00. The total sten score of non-effective teacher-communicator's is 7 where as the mean score is 1.75.

The total sten score of teacher-communicator's of Law course is 10 and the mean score is 2.00. The total sten score of non-effective teacher-communicator's is 10 where as the mean score is 2.00.

The total sten score of teacher-communicator's of the Medicine course is 7 and the mean score is 2.33. The total sten score of non-effective teacher-communicator's is 5 where as the mean score is 1.66.

Interpretation and Conclusion : The range of mean score in the case of both effective and non-effective teacher-communicator's of the four professional falls between 1.66 and 2.33 which indicates that on factor 'C' all the teacher-communicator's irrespective of the profession have low sten scores which means they all fall in the category of 'being' affected by feelings.

TABLE NO.23

Scores of effective and non-effective teacher-communicator's of the four professions on factors 'E' - (Humble - Assertive).

Sr.:Professions No.:	: Effective Teacher		: Non-effective Teacher	
	: Total Sten : Score	: Mean : Score	: Total Sten : Score	: Mean : Score
1. Education	6	1.50	5	1.25
2. Engineering	12	3.00	8	2.00
3. Law	13	2.60	9	1.80
4. Medicine	5	1.66	4	1.33

Observations : In Table No.23, the total sten score and mean scores on personality factor 'E' (Humble - Assertive) of effective and non-effective teacher-communicator's the four professions namely Education, Engineering, Law and Medicine are seen.

In the case of Education the total sten score of effective teacher-communicator's is 6 where as the mean score is 1.5. The total sten score of non-effective teachers is 5 where as the mean score is 1.25.

The total sten score of teacher-communicator's of Engineering course is 12 and the mean score is 3.00. The total sten score of non-effective teacher-communicator's is 8 where as the mean

score is 2.00. The total sten score of teacher-communicator's of Law course is 13 and the mean score is 2.6. The total sten score of non-effective teacher-communicator is 9 where as the mean score is 1.8.

The total sten score of teacher-communicators of Medicine course is 5 and the mean score is 1.66. The total sten score of non-effective teacher-communicator's is 4 where as the mean score is 1.33.

Interpretation and Conclusion : The range of mean score in the case of both the effective and non-effective teacher-communicator's of the four professional falls between 1.25 and 3.00 which indicates that on factor 'E' all the teacher-communicator's irrespective of the profession have low sten scores which means they all fall in the category of 'being Humble'.

TABLE No.24

Scores of effective and non-effective teacher-communicators of the four profession on factor 'F' (Sober - Happy - go-lucky).

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total Sten Score	Mean Score	Total Sten Score	Mean Score
1.	Education	7.	1.75	7	1.75
2.	Engineering	9	2.25	6	1.50
3.	Law	13	2.60	10	2.00
4.	Medicine	6	2.00	6	2.00

Observation : In Table No.24, the total sten score and mean score on personality factor 'F', Sobber-Happy - go-lucky, of effective and non-effective teacher communicators the four professions namely Education, Engineering, Law and Medicine are seen.

In the case of Education the total sten score of effective teacher communicator's is 7 where as the mean score is 1.75. The total sten score of non-effective teachers is 7 where as the mean score is 1.75.

The total sten score of teacher-communicator's of Engineering course is 9 and the mean score 2.25. The total sten score of non-effective teacher-communicator's is 6 where as the mean score is 1.50.

The total sten score of teacher-communicator's of Law Course is 13 and the mean score 2.6. The total sten score of non-effective teacher-communicator's is 10 where as the mean score is 2.00.

The total sten score of teacher-communicator's of Medicine course is 6 and the mean score is 2.00. The total sten score of non-effective teacher-communicator's is 6 where as the mean score is 2.00.

Interpretation and Conclusion : The range of mean score in the case of both the effective and non-effective teacher

communicator's of the four profession falls between 1.50 and 2.6 which indicates that on factor 'F' all the teacher-communicator's irrespective of the profession have low sten scores which means they all fall in the category of 'being Sober'.

TABLE No.25

Scores of effective teacher-communicator's of the four profession on factor 'G' (Expedient - Conscientious).

Sr. No.:	Professions :	Effective teacher		Non-effective teacher	
		Total sten : Score	Mean : Score	Total sten : Score	Mean : Score
1.	Education	7	1.75	6	1.50
2.	Engineering	8	2.00	6	1.50
3.	Law	9	1.80	9	1.80
4.	Medicine	5	1.66	5	1.66

Observation : In Table No.25, the total sten score and mean score on personality factor 'G' Expedient - Conscientious of effective and non-effective teacher-communicator's of the four professions namely Education, Engineering, Law and Medicine are seen.

In case of Education the total sten score of effective teacher communicator's is 7 where as the mean score is 1.75. The total sten score of non-effective teachers is 6 where as the mean score is 1.50.

The total sten score of teacher-communicator's of Engineering course is 8 and the mean score is 2.00. The total sten score of non-effective teacher-communicator's is 6 where as the mean score is 1.50.

The total sten score of teacher-communicator's of Law course is 9 and the mean score 1.8. The total sten score of non-effective teacher-communicator's is 9 where as the mean score is 1.8.

The total sten score of teacher-communicator's of Medicine course is 5 and the mean score 1.66. The total sten score of non-effective teacher-communicator's is 5 where as the mean score is 1.66.

Interpretation and conclusion : The range of mean score in case of both the effective and non-effective teacher communicator of the four professions fall between 1.50 and 2.00 which indicates that on factor 'G' all the teacher communicator irrespective of the professions have low sten scores which means they all fall in the category of 'being Expedient'.

TABLE NO.26

Scores of effective and non-effective teacher-communicator's of the four professions on factor 'H' (Shy - Venturesome).

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total sten Score	Mean Score	Total sten Score	Mean Score
1.	Education	12	3.00	12	3.00
2.	Engineering	12	3.00	10	2.50
3.	Law	15	3.00	11	2.20
4.	Medicine	9	3.00	6	2.00

Observation : In Table No.26, the total sten score and mean score on personality factor 'H' Shy-- Venturesome of effective and non-effective teacher-communicator's^{of} the four professions namely, Education, Engineering, Law and Medicine are seen.

In case of Education the total sten score of effective teacher-communicator's is 12 where as the mean score is 3.00. The total sten score of non-effective teacher-communicator's is 12 where as the mean score is 3.00.

The sten score of teacher-communicator's of Engineering course is 12 where as the mean score is 3.00. The total sten score of non-effective teacher-communicator's is 10 where as the mean score is 2.50.



The total sten score of teacher-communicator's of Law course is 15 where as the mean score is 2.00. The total sten score of non-effective teacher-communicator's is 11 where as the mean score is 2.2.

The total sten score of teacher-communicator's of Medicine course is 9 where as the mean score is 3.00. The total sten score of non-effective teacher-communicator's is 6 where as the mean score is 2.00.

Interpretation and conclusion : The range of mean score in case of both the effective and non-effective teacher-communicator's of the four professions falls between 2.00 and 3.00 which indicates that on factor 'H' all the teacher-communicator's irrespective of the professions have low sten scores which means they all fall in the category of 'being Shy'.

TABLE No.27

Scores of effective and non-effective teacher-communicator's of the four profession on factors 'I' (Tough-Minded-Tender Minded)

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total sten Score	Mean Score	Total sten Score	Mean Score
1.	Education	10	2.50	9	2.25
2.	Engineering	10	2.50	8	2.00
3.	Law	13	2.60	10	3.00
4.	Medicine	8	2.66	5	1.66

Observation : In Table No.27, the total sten score and mean score on personality factor 'I' Tough minded, Tender minded of effective and non-effective teacher-communicator's the four professions namely Education, Engineering, Law and Medicine are seen.

In case of Education the total sten score of effective teacher-communicator's is 10 where as the mean is 2.50. The total sten score of non-effective teacher-communicator's is 9 where as the mean is 2.25.

The total sten score of teacher-communicator's of Engineering course is 10 where as the mean score is 2.50. The total sten score of non-effective teacher-communicator's is 8 where as the mean score is 2.00.

The total sten score of teacher-communicator's of Law course is 13 where as the mean score is 2.6. The total sten score of non-effective teacher-communicator's is 10 where as the mean score is 2.00.

The total sten score of teacher-communicator's of Medicine course is 8 where as the mean score is 2.66. The total sten score of non-effective teacher-communicator's is 5 where as the mean score is 1.66.

Interpretation and conclusion : The range of mean score in the case of both the effective and non-effective teacher-

communicator's of the four professions falls between 1.66 and 2.66 which indicates that on factor 'I' all the teacher-communicator's irrespective of the professions have low sten scores which means they all fall in the category of being 'Tough minded'.

TABLE NO.28

Scores of effective and non-effective teacher communicator's of the four professions of factors 'L' (Trusting - Suspicious).

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total sten Scores	Mean Scores	Total sten Scores	Mean Scores
1.	Education	15	3.75	14	3.50
2.	Engineering	16	4.00	11	2.75
3.	Law	16	3.20	10	2.00
4.	Medicine	10	3.33	10	3.33

Observation : In Table No.28, the total sten score and mean score on personality factor 'L', Trusting - Suspicious, of effective and non-effective teacher-communicator's the four professions namely Education, Engineering, Law and Medicine are seen.

In case of Education the total sten score of effective teacher-communicator's is 15 where as the mean score is 3.75. The total sten score of non-effective teacher-communicator's is 14 where as the mean score is 3.50.

The total sten score of teacher-communicator's of Engineering course is 16 where as the mean score is 4. The total sten

score of non-effective teacher-communicator's is 11 where as the mean score is 2.75.

The total sten score of teacher-communicator's of Law course is 16 where as the mean score is 3.2. The total sten score of non-effective teacher-communicator's is 10 where as the mean score is 2.00.

The total sten score of effective teacher-communicator's of Medicine course is 10 where as the mean score is 3.33. The total sten score of non-effective teacher-communicator's is 10 where as the mean score is 3.33.

Interpretation and conclusion : The mean scores of effective teacher-communicator's of Education, Engineering, Law and Medicine falls above the low range i.e. 1-3 sten score indicating that they are not Trusting. As the score does not fall between 8-10 high sten score the teacher are not the suspicious type.

It can be inferred that they are average falling between Trusting and Suspicious.

TABLE NO.29

Scores of effective and non-effective teacher-communicator's of the four professions on factor 'M' (Practical + Imaginative).

Sr. No.:	Professions	Effective teacher		Non-effective Teacher	
		Total sten Score	Mean Score	Total sten Score	Mean Score
1.	Education	11	2.75	8	2.00
2.	Engineering	10	2.50	7	1.75
3.	Law	9	1.30	8	1.60
4.	Medicine	5	1.66	6	2.00

Observations : In Table No.29, the total sten score and mean score on personality factor 'M' Practical + Imaginative, of effective and non-effective teacher-communicator's the four professions namely Education, Engineering, Law and Medicine are seen.

In case of Education the total sten score of effective teacher-communicator's is 11 where as the mean score is 2.75. The total sten score of non-effective teacher-communicator's is 8 where as the mean score is 2.00.

The total sten score of effective teacher-communicator's of Engineering course is 10 where as the mean score is 2.50. The total sten score of non-effective teacher-communicator's is 7 where as the mean score is 1.75.

The total sten score of teacher-communicator's of Law

course is 9 where as the mean score is 1.80. The total sten score of non-effective teacher-communicator's is 8 where as the mean score is 1.60.

The total sten score of effective teacher-communicator's of Medicine course is 5 where as the mean score is 1.66. The total sten score of non-effective teacher-communicator's is 6 where as the mean score is 2.00.

Interpretation and conclusion : The range of mean score in the case of both effective and non-effective teacher-communicator's of the four professions falls between 1.6 and 2.75 which indicates that on factor 'M' all the teacher-communicator's irrespective of the profession have low sten scores which means they all fall in the category of 'being practical'.

TABLE NO.30

Scores of effective and non-effective teacher-communicator's of the four professions on factor 'N' (Forthright - Astute).

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total sten Scores	Mean Scores	Total sten Scores	Mean Scores
1.	Education	11	2.75	7	1.75
2.	Engineering	9	2.25	6	1.50
3.	Law	9	1.80	8	1.60
4.	Medicine	7	2.33	6	2.00

Observation : In Table No.30, the total sten score and mean score on personality factor 'N', Forth-right - Astute', of effective and non-effective teacher-communicator's the four professions namely Education, Engineering, Law and Medicine are seen.

In case of Education the total sten score of effective teacher-communicator's is 11 where as the mean score is 2.75. The total sten score of non-effective teacher-communicator's is 7 where as the mean score is 1.75.

The total sten score of teacher-communicator's of Engineering course is 9 where as the mean score is 2.25. The total sten score of non-effective teacher-communicator's is 6 where as the mean score is 1.50.

The total sten score of teacher-communicator's of Law course is 9 where as the mean score is 1.8. The total sten score of non-effective teacher-communicator's is 8 where as the mean score is 1.60.

The total sten score of teacher-communicator's of Medicine course is 7 where as the mean score is 2.33. The total sten score of non-effective teacher-communicator's is 6 where as the mean score is 2.00.

Interpretation and Conclusion : The range of mean score in the case of both effective and non-effective teacher-communicator's

of the four professions falls between 1.50 and 2.75 which indicates that on factor 'N' all the teacher-communicator's irrespective of the profession have low sten scores which means they all fall in the category of 'being Forthright'.

TABLE NO.31

Scores of effective and non-effective teacher-communicator's professions on factor 'O' - (Self-assured - Apprehensive).

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total sten Scores	Mean Scores	Total sten Scores	Mean Scores
1.	Education	13	3.25	12	3.00
2.	Engineering	16	4.00	11	2.75
3.	Law	18	3.60	15	3.00
4.	Medicine	10	3.33	9	3.00

Observation : In Table No.31, the total sten score and mean score on personality factor 'O', Self assured - Apprehensive, of effective and non-effective teacher-communicator's the four professions namely Education, Engineering, Law and Medicine are seen.

In case of Education the total sten score of effective teacher-communicator's is 13 where as the means score is 3.25. The total sten score of non-effective teacher-communicator's is 12 where as the mean score is 3.00.

The total sten score of teacher-communicator's of Engineering course is 16 where as the mean score is 4. The total sten score of non-effective teacher-communicator's is 11 where as the mean score is 2.75.

The total sten score of teacher-communicator's of Law course is 18 where as the mean score is 3.60. The total sten score of non-effective teacher-communicator's is 16 where as the mean score is 3.20.

The total sten score of teacher-communicator's of Medicine course is 10 where as the means score is 3.33 the total sten score of non-effective teacher-communicator's is 9 where as the mean score is 3.00.

Interpretation and conclusion : The mean scores of effective teacher-communicator's of Education, Engineering, Law and Medicine falls above the low range i.e. 1-3 sten score indicating that they are not self-assure. As the score does not fall between 8-10 high sten score the teacher are not the Apprehensive type.

It can be inferred that they are average, falling between Self-assured and Apprehensive.

TABLE NO.32

Scores of Effective and Non-effective teacher-communicator's of the four professions on factor 'Q₁' (Conservative - Experimenting)

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total sten Score	Mean Score	Total sten Score	Mean Score
1.	Education	11	2.75	7	1.75
2.	Engineering	13	3.25	9	2.25
3.	Law	18	3.60	15	3.00
4.	Medicine	12	4.00	8	2.66

Observation : In Table No.32, the total sten score and mean score on personality factor 'Q₁' Conservative - Experimenting, of effective and non-effective teacher communicator's the four professions namely Education, Engineering, Law and Medicine are seen.

In case of Education the total sten score of effective teacher-communicator's is 11 where as the mean score is 2.75. The total sten score of non-effective teacher-communicator's is 7 where as the mean score is 1.75.

The total sten score of teacher-communicator's of Engineering course is 13 where as the mean score is 3.25. The total sten score of non-effective teacher-communicator's is 9 where as the mean score is 2.25.

The total sten score of teacher-communicator's of Law course is 18 where as the mean score is 3.60. The total sten score of non-effective teacher-communicator's is 15 where as the mean score is 3.00.

The total sten score of teacher-communicator's of Medicine course is 12 where as the mean score is 4.00. The total sten score of non-effective teacher-communicator's is 8 where as the mean score is 2.66.

Interpretation and conclusion : The mean scores of effective teacher-communicators of Engineering, Law and Medicine falls above the low range i.e. 1-3 sten score indicating that they are not Conservative. As the score does not fall between 8-10 high sten score the teacher's are not the experimenting type.

It can be inferred that they are average falling between Conservative and Experimenting.

TABLE NO.33

Scores of effective and non-effective teacher-communicators of the four professions on factor 'Q₂' (Group dependent - Self sufficient).

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total sten Score	Mean Score	Total sten Score	Mean Score
1.	Education	11	2.75	7	1.75
2.	Engineering	15	3.75	8	2.00
3.	Law	20	4.00	15	3.00
4.	Medicine	13	4.33	7	2.33

Observation : In Table No.33, the total sten score and mean score on personality factor 'Q₂', Group dependent - Self sufficient, of effective and non-effective teacher-communicators of the four professions namely Education, Engineering, Law and Medicine are seen.

In the case of Education the total sten score of effective teacher-communicator's is 11 where as the mean score is 2.75. The total sten score of non-effective teacher communicator's is 7 where as the mean score is 1.75.

The total sten score of teacher-communicator's of the Engineering course is 15 and the mean score 3.75. The total sten score of non-effective teacher-communicator's is 8 where as the mean score is 2.00.

The total sten score of teacher communicator's of the Law course is 20 and the mean score 4.00. The total sten score of non-effective teacher-communicators is 15 where as the mean score is 3.00.

The total sten score of teacher-communicators of the Medicine course is 13 and the mean score 4.33. The total sten score of non-effective teacher-communicator's is 7 where as the mean score is 2.33.

Interpretation and conclusion : The mean scores of effective teacher-communicators of Engineering, Law and Medicine falls above

the low range i.e. 1-3 sten score, indicating that they are not group dependent, as the score does not fall between 8-10 high sten score the teachers are not the self sufficient type.

It can be inferred that they are average falling between Group dependent and Self sufficient.

TABLE NO.34

Scores of effective and non-effective teacher communicators of the four professions on factor 'Q₃' (Undisciplined self conflict controlled).

Sr. No.:	Professions	Effective teacher		Non-effective teacher	
		Total sten	Mean	Total sten	Mean
		Score	Score	Score	Score
1.	Education	9	2.25	9	2.25
2.	Engineering	7	1.75	6	1.50
3.	Law	10	2.00	10	2.00
4.	Medicine	8	2.66	5	1.66

Observation : In Table No.34, the total sten score and mean score on personality factor 'Q₃' undisciplined self - conflict controlled' of effective and non-effective teacher communicator's of the four professions namely Education, Engineering, Law and Medicine are seen.

In the case of Education, the total sten score of effective teacher-communicator's is 9 where as the mean score is 2.25. The

total sten score of non-effective teacher-communicator's is 9 where as the mean score is 2.25.

The total sten scores of teacher-communicator's of the Engineering course is 7 and the mean score is 1.75. The total sten score of non-effective teacher-communicator's is 6 where as the mean score is 1.50.

The total sten score of teacher-communicators of the Law course is 10 and the mean score is 2.00. The total sten score of non-effective teacher-communicator's is 10 where as the mean score is 2.00.

The total sten score of teacher-communicator's of the Medicine course is 8 and the mean score 2.66. The total sten score of non-effective teacher-communicator's is 5 where as the mean score is 1.66.

Interpretation and conclusion : The range of mean score in the case of both, effective and non-effective teacher-communicator's of the four professional falls between 1.50 and 2.66 which indicates that on factor 'Q₃' all the teacher-communicator's irrespective of the profession have low sten scores which means they all fall in the category of being 'Undisciplined' - 'Self-conflict'.

TABLE NO.35

Scores of effective and non-effective teacher-communicators of the four professions on factor 'Q₄' 'Relaxed - Tense'.

Sr. No.:	Professions	Effective Teacher		Non-effective Teacher	
		Total sten : Score	Mean : Score	Total sten : Score	Mean : Score
1.	Education	11	2.75	10	2.50
2.	Engineering	15	1.75	10	2.50
3.	Law	20	4.00	15	3.00
4.	Medicine	13	4.33	7	2.33

Observation : In Table No.35, the total sten score and mean score on personality factor 'Q₄' (Relaxed - Tense) of effective and non-effective teacher-communicator's of the four professions namely Education, Engineering, Law and Medicine are seen.

In case of Education, the total sten score of effective teacher-communicator's is 11 where as the mean score is 2.75. The total sten score of non-effective teacher-communicator's is 10 where as the mean score is 2.50.

The total sten score or teacher-communicator's of Engineering course is 15 where as the mean score is 3.50. The total sten score of non-effective teacher-communicator's is 10 where as the mean score is 2.50.

The total sten score of teacher-communicator's of Law course is 20 where as the mean score is 4.00. The total sten score of non-effective teacher-communicator's is 15 where as the mean score is 3.00.

The total sten score of effective teacher-communicator's of Medicine course is 13 where as the mean score is 4.33. The total sten score of non-effective teacher-communicator's is 7 where as the mean score is 2.33.

Interpretation and conclusion : The mean scores of effective teacher-communicators of Engineering, Law and Medicine falls above the low range i.e. 1-3 sten score indicating that they are not Relaxed. As the score does not fall between 8-10 high sten score the teachers are not the Tense type.

It can be inferred that they are average falling between Relaxed and Tense.

Interpretation :

When the mean sten scores on the 16 personality factor of both the effective and non-effective teacher-communicators belonging to the four professions namely - Education, Engineering, Law and Medicine is studied in totality, it is found that on the following 11 factors namely A, B, C, E, F, G, H, I, M, N and Q₃ all the teacher-communicators fall in the 1-3 sten score, indicating a personality profile of being reserved, less intelligent,

affected by feelings, being humble and sober, being expedient, shy, tough minded, practical forthright and undisciplined.

However, for the five factors L, O, Q₁, Q₂ and Q₄ the mean sten scores falls between 3.2 and 4.33 which is nearer to the low scores than high, thus indicating that along with the above stated profile the teacher-communicators are trusting, moving towards being suspicious, self assured moving towards being apprehensive, conservative moving towards being experimenting, dependent moving towards being self-sufficient and lastly they are relaxed moving towards being tense.

The reason for both effective and non-effective teachers from all the four professions exhibiting the above personality profile could be attributed to the fact that they come from a common semi-urban social setting working in a closed social environment with little or no mobility, lack of interaction due to compartmentalisation of subjects, lack of participation in professional associations and bodies, orientation courses etc.

Teacher-communicators should be encouraged to interact with the community and broaden their views for the development of their personality.