

Comparison of Emotional Intelligence Levels of Students Getting Learning in Special Fields

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Abstract

The objective of the current study was to compare the emotional intelligence levels of students getting learning in special fields. Students from four different department of Gondwana University were included as a population for this study. Subjects from Commerce, Science, Social Work and Law were selected for this study. 20 students from each constituency. A total of 80 students were selected in this way. The students who participated in this study were voluntary. The simple random sampling method was used to select the subjects. The emotional intelligence scale was used to measure the emotional intelligence of the subjects. Data on Emotional Intelligence obtained from students learning in special areas was analyzed using a one-way analysis of variance (ANOVO) and post hoc tests were applied when the F-ratio was found to be meaningful at a critical level. It was concluded that the significant difference in emotional intelligence of commerce, science, social work and law students groups. There was significant difference in emotional intelligence factors.

Key Words: Emotional Intelligence, Students

Introduction:

All individuals have different mental abilities, just as they have emotional intelligence. There is emotional intelligence as well as personal diversity. Some people understand other people, but some people fail to understand others. Some people can control themselves but some cannot. Some are simply more intelligent. Some people are able to communicate better with other people, they are more successful in their life, but those who are not able to communicate properly in their life cannot explain their point to others unfortunately they can't reach the destination. A person can make a living by his intellect, but his high. Emotional intelligence is required to attain a position. This is why the researcher wondered at what is the difference in the emotional

intelligence of the students who go to different fields and choose different fields.

Methodology:

Students from four different department of Gondwana University were included as a population for this study. Subjects from Commerce, Science, Social Work and Law were selected for this study. 20 students from each constituency. A total of 80 students were selected in this way. The students who participated in this study were voluntary. The simple random sampling method was used to select the subjects. The emotional intelligence scale was used to measure the emotional intelligence of the subjects.

Emotional Intelligence Scale:

The emotional intelligence scale developed by Anukul Hyde, Sanjyot Pethe and

Upinder Dhar was used to measure the emotional intelligence of the subjects. There are 10 factors in this scale which are as follows: A= Self-awareness, B= Empath, C= Self Motivation, D=Emotional Stability, E=Managing relations, F=Integrity, G=Self-Development, H=Value Orientation, I=Commitment, J=Altruistic behavior. This scale contained 34 questions and All the questions are given five options. Each statement should be scored 5 for strongly agree, 4 for agree, 3 for neutral, 2 for disagree and 1 for strongly disagree. Individuals with high

score can be considered to have high level emotional intelligence and are like to be high performers.[1]

Analysis of the Data:

Data on Emotional Intelligence obtained from students learning in special areas was analyzed using a one-way analysis of variance (ANOVO) and post hoc tests were applied when the F-ratio was found to be meaningful at a critical level. For the hypothesis, the significance level was set at 0.05.

Table-1: Comparison of emotional intelligence factors among commerce, science, social work and law students

<i>Factors</i>	<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>
Self-awareness	Between Groups	545.14	3	181.71	46.70*
	Within Groups	295.75	76	3.89	
Empath	Between Groups	705.70	3	235.23	30.61*
	Within Groups	584.10	76	7.69	
Self Motivation	Between Groups	313.34	3	104.45	13.04*
	Within Groups	608.65	76	8.01	
Emotional Stability	Between Groups	405.74	3	135.25	18.45*
	Within Groups	557.15	76	7.33	
Managing relations	Between Groups	259.34	3	86.45	16.70*
	Within Groups	393.35	76	5.18	
Integrity	Between Groups	326.50	3	108.83	34.51*
	Within Groups	239.70	76	3.15	
Self-Development	Between Groups	158.05	3	52.68	24.19*
	Within Groups	165.50	76	2.18	
Value Orientation	Between Groups	245.54	3	81.85	33.69*
	Within Groups	184.65	76	2.43	
Commitment	Between Groups	240.85	3	80.28	46.54*
	Within Groups	131.10	76	1.73	
Altruistic behavior	Between Groups	262.45	3	87.48	59.63*
	Within Groups	111.50	76	1.47	

* Significant at .05 level of significance

F .05 (3, 76) = 2.725

The analysis of data in table-1 revealed that there was significant difference in Self-awareness, Empath, Self Motivation, Emotional Stability, Managing relations, Integrity, Self-Development, Value Orientation, Commitment and Altruistic behavior of Commerce, Science, Social

Work and Law students group as the obtained F-ratio was 46.70, 30.61, 13.04, 18.45, 16.70, 34.51, 24.19, 33.69, 46.54 and 59.63 which was more than that of required tabulated 'F' value of 2.725 at .05 level significance with (3,76) degree of freedom.

Table- 2: Post hoc test for comparison of the means of emotional intelligence factors among commerce, science, social work and law students

Factors	Commerce	Science	Social Work	Law	M.D.	C.D.
Self-awareness	6.25	13.30			7.050*	1.260
	6.25		9.60		3.350*	1.260
	6.25			11.50	5.250*	1.260
		13.30	9.60		3.700*	1.260
		13.30		11.50	1.800*	1.260
			9.60	11.50	1.900*	1.260
Empath	14.15	8.40			5.750*	1.771
	14.15		16.30		2.150*	1.771
	14.15			11.35	2.800*	1.771
		8.40	16.30		7.900*	1.771
		8.40		11.35	2.950*	1.771
			16.30	11.35	4.950*	1.771
Self Motivation	11.45	10.95			0.500	1.808
	11.45		14.35		2.900*	1.808
	11.45			15.70	4.250*	1.808
		10.95	14.35		3.400*	1.808
		10.95		15.70	4.750*	1.808
			14.35	15.70	1.350	1.808
Emotional Stability	6.35	10.00			3.650*	1.730
	6.35		12.40		6.050*	1.730
	6.35			11.10	4.750*	1.730
		10.00	12.40		2.400*	1.730
		10.00		11.10	1.100	1.730
			12.40	11.10	1.300	1.730
Managing	12.25	8.40			3.850*	1.453

relations	12.25		13.10		0.850	1.453
	12.25			10.50	1.750*	1.453
		8.40	13.10		4.700*	1.453
		8.40		10.50	2.100*	1.453
			13.10	10.50	2.600*	1.453
Integrity	10.55	6.50			4.050*	1.134
	10.55		8.95		1.600*	1.134
	10.55			5.40	5.150*	1.134
		6.50	8.95		2.450*	1.134
		6.50		5.40	1.100	1.134
			8.95	5.40	3.550*	1.134
Self-Development	3.35	7.20			3.850*	0.943
	3.35		4.60		1.250*	0.943
	3.35			4.55	1.200*	0.943
		7.20	4.60		2.600*	0.943
		7.20		4.55	2.650*	0.943
			4.60	4.55	0.050	0.943
Value Orientation	4.55	3.50			1.050*	0.996
	4.55		7.75		3.200*	0.996
	4.55			3.45	1.100*	0.996
		3.50	7.75		4.250*	0.996
		3.50		3.45	0.050	0.996
			7.75	3.45	4.300*	0.996
Commitment	3.30	7.55			4.250*	0.839
	3.30		4.75		1.450*	0.839
	3.30			3.30	0.000	0.839
		7.55	4.75		2.800*	0.839
		7.55		3.30	4.250*	0.839
			4.75	3.30	1.450*	0.839
Altruistic behavior	6.20	3.85			2.350*	0.774
	6.20		7.20		1.000*	0.774
	6.20			2.65	3.550*	0.774
		3.85	7.20		3.350*	0.774
		3.85		2.65	1.200*	0.774
			7.20	2.65	4.550*	0.774

*Significant at .05 levels.

Table-2 clearly revealed that no significant difference was found between the means of Commerce and Science, Social Work and Law groups in self motivation, Science and Law, Social Work and Law groups in Emotional Stability, Commerce and Social Work in Managing relations, Science and Law in Integrity, Social Work and Law in Self-Development, Science and Law in

Value Orientation, Commerce and Law in Commitment, as the mean difference of above two was greater than the critical differences. From the table clearly indict that high mean value having high level emotional intelligence factors and low mean value have low level emotional intelligence factors.

Table-3: Comparison of emotional intelligence among commerce, science, social work and law students

<i>Variable</i>	<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>
Emotional Intelligence	Between Groups	5789.50	3	1929.83	42.17*
	Within Groups	3478.30	76	45.77	

The analysis of data in table-3 revealed that there was significant difference in emotional intelligence of commerce, science, social work and law students groups as the obtained F-ratio was 42.17 which was greater than that of required tabulated 'F' value of 2.725 at .05 level

significance with (3, 76) degree of freedom. Since the one-way analysis of variance was found significant in related to emotional intelligence, the least significant difference (L.S.D.) was applied to the paired means difference among the different groups.

Table- 4: Post hoc test for comparison of the means of emotional intelligence among commerce, science, social work and law students

Commerce	Science	Social Work	Law	M.D.	C.D.
81.2	82.6			1.400*	4.321
81.2		101.75		20.550*	4.321
81.2			82.65	1.450	4.321
	82.6	101.75		19.150*	4.321
	82.6		82.65	0.050	4.321
		101.75	82.65	19.100*	4.321

*Significant at .05 levels.

Table-4 clearly revealed that significant difference was found between the means of Commerce and Science, Commerce and Social Work, Science and Social Work, Social Work and Law groups, as the mean difference of above two was greater than the critical differences. Insignificant difference was found between the means of Commerce and Law, Science and Law

groups as the mean difference was less than the critical difference. The sequence of emotional intelligence in all four groups was (101.75) social work > (82.65) law > (82.60) Science > (81.20) Commerce. From the table clearly indict that high mean value having high level emotional intelligence and low mean value have low level emotional intelligence.

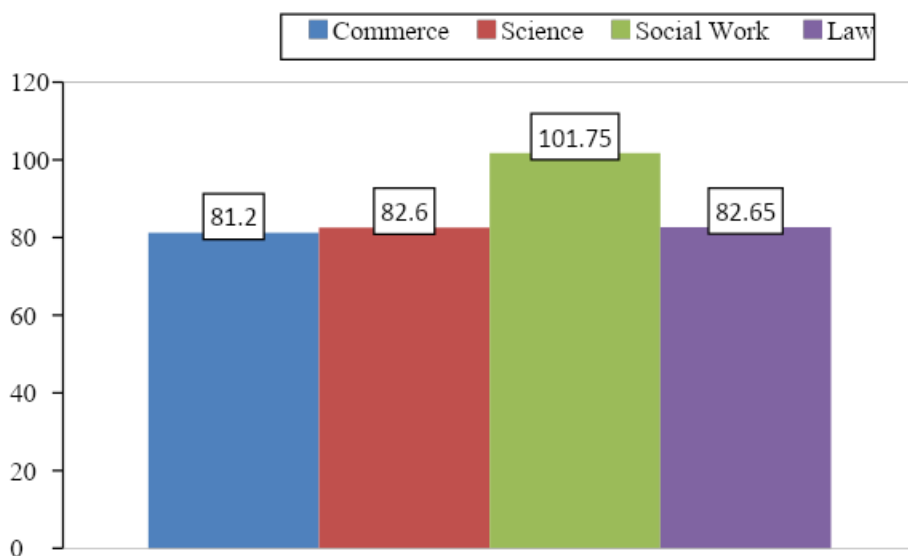


Figure-1: Mean value of emotional intelligence among commerce, science, social work and law students

Conclusion:

On the basis of the findings it was concluded that the significant difference in emotional intelligence of commerce, science, social work and law students groups. There was significant difference in emotional intelligence factors self-awareness, empath, self motivation, emotional stability, managing relations, integrity, self-development, value

orientation, commitment and altruistic behavior.

Based on the results, it was concluded that self-awareness, Self development and commitment was found in more science students. Empath, Emotional stability, Value orientation Altruistic behavior was found in social work students. Self-motivation was found in law students. Integrity was found in commerce students.

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