

STUDY ON CREATIVITY POTENTIAL OF SCHEDULED CAST STUDENTS WITH REF TO RELIABILITY OF LANGUAGE

CREATIVITY

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INTRODUCTION

The present investigation addresses itself to the exploration of the creative potential of scheduled caste students based upon diverse socio-economic parameters and selected demographic variables. The study will be conducted by taking primary data as a base. However it will be supplemented with the available secondary data. The details of the methodology to be adopted in the present study will be as under:

Research Design

Research design specifies the methods and procedures for collecting and analyzing the required information. In the present study a descriptive-cum-explanatory design has been followed which helped in responding to the specific objectives of the study.

Material and method

For the purpose of this study random sampling has been applied to pick the respondent students from the different universities of Haryana state. A sample of 300 students studying at Post Graduation level in different academic streams has been gathered. While picking the respondents due care has been taken to make the sample representative of the universe of the study.

Table-1 List of Selected Universities of Haryana State

Sr. No.	Name of Educational agency	No. of Respondent
1.	Maharishi Dayanand University Rohtak	75

2.	Guru Jambeshwer University Hissar	75
3.	Ch. Devi Lal University Siras	75
4.	Kurukshetra University Kurukshetra	75

Table-2 Demographic Profile No. 1

Respondent		Gender		Residential Area		Marital Statues		Type of Family	
		Male	Female	Rural	Urban	Married	Unmarried	Nuclear	Joints
Gender	Male	122							
	Female		178						
Residential Area	Rural			170					
	Urban				130				
Marital Statues	Married					70			
	Unmarried						230		
Type of Family	Nuclear							172	
	Joints								128

Table-3 Demographic Profile No. 2

Respondent		Caste Category		Mother Occupation		Father's Occupation			
		SC 1	SC 2	H. Wife	In Service	Laborer	Govt. Job	Pvt. Job	Buis.
Caste	SC 1	125							

Category	SC 2		175					
Mother Occupation	H. Wife			238				
	In Service				62			
Father Occupation	Laborer					138		
	Govt Job						121	
	Pvt Job							27
	Business							14

Table-4 Demographic Profile No. 3

Respondent		Father Education				Mother Education			
		Illiterate	Up to 10+2	Gradu.	P. Gradu.	Illiterate	Up to 10+2	Gradu.	P. Gradu
Father Education	Illiterate	32							
	Upto 10+2		174						
	Graduation			44					
	P. Graduation				40				
Mother Education	Illiterate					49			
	Upto 10+2						204		
	Graduation							26	
	P. Graduation								21

Table-5, Demographic Profile No. 4

Respondent		Income			Academic Stream		
		Up to 10000	10000-20000	Above 20000	Science	Arts	Commerce
Income	Upto 10000	150					
	10000-20000		60				
	Above 20000			90			
Academic Stream	Science				78		
	Arts					201	
	Commerce						21

5 Objectives:

As evident from the proposed title the main objective of the present investigation will be to study the status of creative potential amongst scheduled caste student's vis-à-vis their socio-economic status and demographic variables. However the incidental objectives contributing to the attainment of main objective will be as under:

- To examine the socio-economic factors and the demographic variables of scheduled caste students.
- To study the overall status of creative potential amongst scheduled caste students based upon various socio-economic factors.
- To ascertain the relationship between creative potential and the various socio-economic factors of scheduled caste students.
- To find out the relationship between creative potential and the diverse demographic variables of scheduled caste students.

- **Hypotheses:**

1. There is no significant difference in the creative potential of scheduled caste students based upon gender.
2. There is no significant difference in the creative potential of scheduled caste students based upon residential area.
3. There is no significant difference in the creative potential of scheduled caste students based upon marital status.
4. There is no significant difference in the creative potential of scheduled caste students based upon type of family.
5. There is no significant difference in the creative potential of scheduled caste students based upon caste category.
6. There is no significant difference in the creative potential of scheduled caste students based upon mother's occupation.
7. There is no significant difference in the creative potential of scheduled caste students based upon father's occupation.
8. There is no significant difference in the creative potential of scheduled caste students based upon father's education level.
9. There is no significant difference in the creative potential of scheduled caste students based upon mother's education level.
10. There is no significant difference in the creative potential of scheduled caste students based upon family income level.
11. There is no significant difference in the creative potential of scheduled caste students based upon academic stream.

The selection of the suitable tools or instruments is a major work to meet the objectives of proposed work and to measure the creative potential of scheduled caste students in relation to their Socio-Demographic variables. To collect the data for present study following tools were applied:-

- Language Creativity Test By Dr S P Malhotra and Sucheta Kumary (1989).

Language Creativity Test:

The Language creativity test (LCT) of creative potential planned to measure the individual's ability to deal with language contest in a creative manner. First four types of activities are selected to use after the contentment of supervisor out of five namely: i) Plot building ii) Dialogue writing, iii) Poetic Diction, iv) and Descriptive style. The basic idea behind this classification is that in creative writing, words employed and ideas expressed are unique in their own way and the students can opt for any stream

of writing viz. poetry, lyric, story, drama essay or letter writing as their medium of expression. The specific time and space are provided to give qualitative and quantitative responses. A brief and specific outline of all the five sub-tests and their respective items are given in the proceeding captions:

i) Plot Building: In this sub-test Items are based on Guilford's (1952) Multiple Story Plots. Here in a hypothetical situation is presented for this subject's encouraged giving free imagination. Following types of items are included in it:

- a) Story writing on a given proverb '*Budhi Hi Shresth Bal Hai*' where the respondents are required to imagine a small plot and represent the significance of unity in the shape of a story. Five minutes has been provided to make a story on said proverb. Through this item the ideational fluency, Originality and elaboration were assessed.
- b) **Story on a given situation is the item where the students are required to complete the story projecting new ideas and thoughts.** They have to reflect their thought processes so as to complete the story in a unique manner. Ten minutes has been provided to make a story on said situation. Through this item the ideational fluency, Originality and elaboration were assessed.
- c) **Story construction on a given title '*Kusangati Ka Phal*'** is an item where the students are asked to design a story corresponding to the nature of the title given. They are instructed to write an original story. Five minutes has been provided to make a story on said proverb. Through this item the ideational fluency, Originality and elaboration were assessed.
- d) **Story with both endings happy as well as tragic.** In this item, the subjects are asked to write stories on said situation. The idea behind this item is to test the imagination of students on the theme in both ways and end I in two different manners. Ten minutes has been provided to make a story on said situation. Through this item the ideational fluency, Originality and elaboration were assessed.
- e) **Story on '*If toy would speak*' students were asked to imagine and construct a story.** This item also measures ideational fluency, originality and elaboration. The time allotted for the item is 5 minutes.
- f) **Modernizing the classical theme.** In this item a familiar classical theme '*Jaisa Karoge Vaisa Bharoge*' is provided and the subjects are to modernize the theme in the context of present social systems and bring out elements of satire to make it unique. The item intends to measure ideational fluency, originality and elaboration. The time allotted for it is 10 minutes.
- g) Suggesting titles to a given story in this item student were asked to suggest as many titles as they can on given story. The unique and novel titles get additional credit for original thinking. Five minutes

has been provided to make a story on said proverb. Through this item the ideational fluency, Originality and elaboration were assessed.

ii) Dialogue Writing: In This category students were asked to write dialogue on given sub-test items. This sub-test is designed on the basis of Guilford's (1952) Multiple Emotional Expression and Multiple Social Problems wherein the subject writes many different things that a person might say when he is feeling a given emotion. There are three items in it the details of which are given below:

- a) **Suggesting the title to given dialogue:** here presents witty situational dialogues between two members of a typical akin group. The subjects were asked to present as many titles as possible. The time allotted for it is 5 minutes and the factors tested are ideational fluency and originality.
- b) **Writing dialogues on a given topic 'lottery khul jane per':** in this item subjects were asked to write dialogues on the title. The factors tested in it are ideational fluency, originality and elaborations and the time allotted is 5 minutes.
- c) **Writing dialogues on the given situation:** Here again the students are asked to write dialogues but instead of the topic a situation is given. The factors tested are ideational fluency, originality and elaboration and the time allotted is 5 minutes.

iii) Poetic Diction: in this section respondent were asked to compose poems on given words, title and situation, the pattern of the sub-test is based on Guilford's (1952). Extensional Fluency and Word- Pair Revision. There are three items in it.

- a) **Writing a poem on given topic.** Here in this item subjects are given a topic and they are required to compose a poem in any form and size they like. The time allotted for it is 10 minutes and factors tested are ideational fluency and originality.
- b) **Writing Parody:** In this item subjects are given two lines from a popular poem, and they are required to write a parody bringing in new association. In other words, subjects have to rewrite the given two lines with new ideas projecting the element of humor and wit. Ten minutes has been provided to make a story on said situation. Through this item the, Originality and was assessed.
- c) **Writing a poem from given words:** The subjects are provided with four rhyming words and are expected to compose a poem in any form they like. The time allotted for the item is 10 minutes and tests factors of ideational fluency and originality.

- iv) **Descriptive style:** This sub-test has items based on description developed on the pattern of Guilford's (1952) Controlled associations. The purpose of this sub-test is to evaluate the descriptive style of the student. It includes only four items.
- a) **Based on observation:** In this item the subject were asked to give his thoughts on provided topic „*An Evening Scene*’. The unusual similes and beautiful descriptive patterns are rated high. For this 5 minutes allowed .The factors tested are ideational fluency, flexibility, originality, and elaboration..
 - b) **Based on Emotional Experience ‘Encourage’:** A topic is provided and the subject is asked to use metaphors and similes while describing it. The unusual analogies are given higher score. The factors tested are ideational fluency, flexibility, originality and elaboration. The time allotted for this is 5 minutes.
 - c) **Based on imagination ‘what would happen if I could fly like a bird’.** The subjects were asked to give his imaginary thoughts on given title. The factors tested through this item are ideational fluency, originality and elaboration. The time allotted for this item is 5 minutes.
 - d) **Based on comparison:** The subject is given a situation and he is required to describe the situation with respect to analogous situation. The item tests factors like ideational fluency, flexibility and elaboration. The time allotted for this is 10 minutes.

Scoring Procedure

Unlike objective tests, the nature of five sub-tests of Language Creativity Test is totally different. These tests do not warrant any single correct answer and it is expected that answers differ in nature, size and quality. So, it is not possible to employ ordinary stencil scoring system. Consequently, a new procedure of scoring has to be devised:

- a) Each item of 1st category the ideational fluency, Originality and elaboration were assessed.
- b) Each factor of 2nd category tested on ideational fluency and originality.
- c) 1st item of 3rd category tested is ideational fluency and originality.
- d) 2nd item of 3rd category, Originality and was assessed.
- e) 3rd item of 3rd category, Originality and ideational fluency were assessed
- f) Each item of 4th category is tested on Fluency, Flexibility, elaboration and originality.

So, the scoring has to be made on the basis of the factors involved in the tests.

- a) **FLUENCY:** the scoring for the factor of fluency was followed as per researches like Passi (1979), Mehdi (1973). The scores on this factor are obtained by counting the total number of acceptable responses. Each of the relevant word, each of the meaningful idea expressed by the respondent is given „one“ score. The total scores represent the attainment of the subject on the factor of fluency.
- b) **Flexibility:** In case of the factor of Flexibility, the scoring procedure suggested by other researchers has been to count the „Shift in responses“, wherever there is and assign a score to each of the shifted responses. The total number of such shifted responses becomes the score of fluency for that single test item. The same procedure is followed in the present creativity test.
- c) **Originality:** The responses in case of originality are assessed on a continuum of „commonness to uniqueness“ for which a five-point scale is developed assigning weight age from zero to four. The higher frequency of occurrence of a particular type of response in a group is considered lower in uniqueness thus meriting lower score on originality and vice versa. The novel and unusual responses characterized by „rarity“ are scored higher on five-point scale. Similarly, most common idea would get zero and most unique idea is assigned a score of „four“
- d) **Elaboration:** Elaboration mean „building upon given information to around a structure, to make it more detailed or to explore new direction. While writing a story, a poem, a dialogue or a description, the respondent perceives the design in such a way that it results in wholesomeness with necessary detail of information. While doing so, he makes efforts to bring in some novelty, with interesting „beginning“ „ending“ and flavors“. The nature of the requisite details under elaboration differs from each other depending upon the nature of each constituent. Hence, separate criteria of valuation are followed for each of the sub-test while scoring for the factor „Elaboration“

Reliability of Language Creativity

Both the factor score and the creative potential score reliabilities are considerably high ranging from .896 to .959 whereas the reliability of the non-verbal test is also high ranging from .932 to .947.

Validity of Language Creativity

The validity co-efficient for factor scores and the creative potential are high enough (significant) beyond .01 levels.

TABLE-6 LIST OF CODES

ABBREVIATIONS USED IN THE STUDY	
Terms Used	Codes
Scheduled Caste-A	SC 1
Scheduled Caste-B	SC 2
Private Job	Pvt. Job
Government Job	Govt. Job
House Wife	H. Wife
With relation to	w.r.t.

Note: - Scheduled Caste-A and Scheduled Caste-B as per Haryana Govt. 's reservation policy before 2006.

References

- Awasthy, M. (1979). "A study of Creative, Intelligence, Scholastic Achievements and the Factors of Socio-Economic Status." Unpublished M.Ed. Dissertation, Indore University. -17, pp3-4.
- Bhatt, A. (1975). *Caste, Class and Politics: An Empirical Study of Social Stratification in Modern India*. New Delhi: Manohar Book Service.
- Buch MB. Ed (1997). "Fifth Survey of Research in Education." Vol. I and II NCERT NEW DELHI.
- Buch, M.B. (1987). "Third survey of research in education (1978-83)". NCERT *New Delhi*.
- Buch, M.B. (1991). "Fourth survey of research in education (1983-1988)". *New Delhi*
- Chauhan, Y.K.S, (1984). *Psycho-Cultural Factors (frustration, sex, vo and cd) As Correlates of Creativity Components In Adolescence*, PHD. PSY. AGRA UNIVERSITY.

- Cheak, J.E. (1970). An Analysis of Difference in Creative Ability between White and Negro Students, Public and Parochial Three Different Grade Levels and Male and Female, *APA Publication System*, Vol. 9, pp. 349-354. *In the Context of Some Psycho-Socio Factors*, phd. edu spu.
- DiLiello, Trudy C. and Houghton, Jeffery D (2008). *Creative Potential and Practiced Creativity: Identifying Untapped Creativity in Organizations. Creativity and Innovation Management*, Vol. 17, Issue 1, pp. 37-46, Available at SSRN: <http://ssrn.com/abstract=1095458> or DOI: 10.1111/j.1467-8691.2007.00464.x
- Gupta, S.M. (1986). *Standardization of a Test of Creativity in Physical Science*, Phd. Edu. Thesis Kurukshetra University Kurukshetra.
- Hallman R.J. (1967). "The Necessary and Sufficient Confidence of Creativity" in J.C. Gowan, G.D. Demos and E.P. Torrance (Eds) *Creativity and its Implications*, John Willey and Sons, Inc. London.
- Joshi, S.P. (1981). *A study of verbal creativity in Marathi Language in relation to achievement in Marathi and Environment Factor of the students as well as teaching in the High School*. Phd. Edu. Thesis Bombay University
- Kumari Kamlesh 1992. *Creativity of Mints Graders In Relation To Their Socio Economics States, Achievement Motivation and Adjustment*. PH.D. EDU. Punjabi University.
- L. Hanumanthainah, (2000). *A Study The Effectiveness Of Curricular Creativity Inputs In Physics At The Secondary School Level*. Bangalore University Bangalore.
- Lal, B.N. and Chilana, M.R.(1977). "Relationship of creativity, general achievement motivation in science student". *The educational trends*, vol.-12, No.-1 and 2, pp. - 99-103.
- Lalita, Y.R. (1994) *A study of creativity in relation to teaching competence of B.Ed. Teacher training studying in the colleges of Education of Bangalore University*. PhD. Thesis Bangalore University Bangalore.
- Lidhoo, M.L. and Zargar, A.H. (1989). "Degree of Neuroticism- its relation with intelligence and creativity". *Indian educational review*, vol.-15, No.-4, pp.-86-90. p.-56-61.
- Mukherjee, R. (1992). "ESP for educational journalism: Dynamic for writing". *Indian Educational Review*. Vol.-27, No.2, pp-28-39.

Mukhopahyay, K.K., chakrabarti, P.K. and kundu, R. (1990). "Creative Development of the children: effects of parental sex, education and hobbies", *Indian educational review*, vol.-25, No.-3, pp.-75-80.

Nandanpawar, B.S. (1986). *Development of Linguistic Creativity among the Students-An Experimental Study*. PHD, Nag. University.

Nisha, B., Singh, R.P. and Gupta, K. (1976). "Creative thinking ability and creative personality: a study of relationship of verbal creative thinking ability and creative personality", *psycho-Lingua*, vol.-6, No.-1 and 2, pp.-15-18.

Page, C.T. and Thomas, J.B. (1977). *International Dictionary of Education*, Nicholas Publishing Company, New York.

Patel, A.S. and joshi, R.J. (1978). "An enquiry into the relation of creation to intellectual giftedness." Vol.-53, No.-3, pp.-140-144.

Phatak, P. (1962). "Exploratory study of creativity, intelligence and scholastic achievement", vol.-7, No.-1, pp.-1-9.

Raina, K. (1986). *Psycho-Social Correlates of Scientific Creativity Among High School Students*, PHD. Edu. KUK. University.

Raina, M.K (1984). "Research and development in talent search: A study in the use of creativity tests. *New Delhi: national council of educational research and training.*

Raina, M.K (1989). "An intensive study of the accomplishment of national science talent scholars". *Independent study national council of educational research and training.* New Delhi.

Roy. M. (2005). "Creativity Appreciation Training Programmer (CATP)" *On the Teachers Attitudes towards creative teaching and learning*". PHD. Education., Nagaland University Kohima.

Sajji, S.M. (1984). "Creativity and Intelligence." PHD. Thesis, Patna University.

Sharma, H.L. (1986). "A Comparative Study of Engineers and Civil Services Personnel Belonging to Different Socio-Economic Status in Relation to Their Interests and Creativity," PHD. Edu. KUK. University.

Sharma, K.P (1984). "*Socio-Cultural Correlates of Creativity, Adjustment and Scholastic Achievement.*"
PHD. Psy. Agra. University

Sharma, M. (1977). "*A study of some factors in relation to creativity.*" PHD. Psy. Mag. University.

Shear J. (1982). "The University Structures and Dynamic of Creativity Maharishi, Plato Jung and Various Creative Geniuses on the Creative process." *Journal of Creative Behaviour* Vol 1-16, No. -3 pp 155-175

Singh A (1984). "*Teaching Creativity and Classroom Behaviour*" Book Mark Gurgoan. India.

Singh, L. and Gupta, G.(1977). "Creativity as related to the values of the Indian adolescence students",
Indian psychological review. Vol.-14, No.-3, pp.-73-77.

Sueheta (1996). "*Development of language creativity*" Himalaya Publication New Delhi.

Talesra Sushma (1992). *Litrary Creativity Among adolescent* Uppal Publishing House, New Delhi.