



## OUR HERITAGE (UGC Care Journal)

ISSN: 0474-9030 Vol-68, Special Issue-14

National Seminar on "The Importance of Sports, Physical Education and Psychology for Personality development At Present Scenario"

Sponsored by ICSSR

Held on (01 February 2020, Saturday)

Organized by: Department of Psychology, Sports and Physical Education  
Shivaji College, Hingoli-431513 (Maharashtra)



## Impact of Birth Order on Emotional Intelligence and Achievement Motivation among Senior College Students

**Dr. Navnath Venkatrao Singapore**

HOD, Department of Psychology,  
Sharda Mahavidyalaya, Parbhani (M.S.) 431401.  
Email – nvsingapore@gmail.com

### Abstract

*Objectives of Research.* To find out the impact of birth order on emotional intelligence and achievement motivation among senior college students. *Hypothesis* There will be no significant difference found between first born and last born on emotional intelligence among senior college students. There will be no significant difference found between first born and last born on achievement motivation among senior college students. *Sample* the present study 100 senior college students were selected belonging to Parbhani city. Among them 50 first born students and 50 last born students. The age group of students is 18-24 years. *Non- probability purposive sampling method* was used. *Tools* 1. Emotional intelligence scale- by Hyde pethe and Dhar 2. Achievement Motivation Scale by Deo Mohan (2011) *Statistical Analysis* "t" value was used for statistical analysis of data. *Conclusions:* 1. first born senior college students had significantly high Emotional Intelligence than the last born senior college students. 2. First born senior college students had significantly high Achievement Motivation than the last born senior college students.



## OUR HERITAGE (UGC Care Journal)

ISSN: 0474-9030 Vol-68, Special Issue-14

National Seminar on "The Importance of Sports, Physical Education and Psychology for Personality development At Present Scenario"

Sponsored by ICSSR

Held on (01 February 2020, Saturday)

Organized by: Department of Psychology, Sports and Physical Education  
Shivaji College, Hingoli-431513 (Maharashtra)



### Introduction:

Education being the sub system of society plays a key role in moulding, shaping, reforming and reconstructing it from time to time. One of the major features of contemporary educational thinking has been a growing concern about the development of effective personality and efficiency of teaching learning outcomes that can be assessed in terms of students' achievement. The academic achievement of students is considered to be very significant determinant of their success in later life.

Mahmood Khan and Nisar Bhat (2013) study was to determine the level of emotional intelligence among adolescents. Emotional Intelligence Scale (EIS) by Hyde et al (2001) used for data collection consists of 34 items which measures ten factors of emotional intelligence. The various dimensions of Emotional Intelligence considered for the study are – self awareness, empathy, self motivation, emotional stability, managing relations, integrity, self development, value orientation, commitment, and altruistic behaviour. Statistical analysis revealed that boys are significantly better than girls in self motivation, integrity, self development and value orientation. Composite scores of emotional intelligence of boys are found to be higher than that of girls. Boys are seen to be better able to make intelligent decisions and have more control over their feelings as compared to adolescent girls. Boys are aware of their weakness and are more goals oriented. They also possess lot of confidence. Adolescent boys are more popular and better linked with peers. According to the study honesty and integrity of boys are higher than that of girls during adolescent period. "There is no significant difference between adolescent boys and girls on Emotional Intelligence.

Academic achievement is a multidimensional and multifaceted phenomenon. There are many factors which affect academic achievement viz. intelligence, personality, motivation, school environment, heredity, home environment, learning, experiences at school, interests, aptitudes, family background, socio economic status of the parents and many more other factors influenced the academic achievement. Sinha (1970) reported that hard work, intelligence, memory, good health, availability of books, methods of study, financial security and interest in social and practical work affect the academic scores.

Academic achievement is related to the acquisition of principles and generalizations and the capacity to perform efficiently certain manipulations,



## OUR HERITAGE (UGC Care Journal)

ISSN: 0474-9030 Vol-68, Special Issue-14

National Seminar on "The Importance of Sports, Physical Education and Psychology for Personality development At Present Scenario"

Sponsored by ICSSR

Held on (01 February 2020, Saturday)

Organized by: Department of Psychology, Sports and Physical Education  
Shivaji College, Hingoli-431513 (Maharashtra)



objectives, symbols and ideas. The assessment of academic achievement has been largely confined to the evaluation in terms of information, knowledge and understanding. It is the competence of students shown in school subjects for which they have taken instruction. The test scores or grades assigned to the students on the basis of their performance in the achievement test determine the status of pupils in the classroom (Singh et al., 2007).

### Method

#### Objectives of Research.

To find out the impact of birth order on emotional intelligence and achievement motivation among senior college students.

#### Hypothesis

- 1) There will be no significant difference found between first born and last born on emotional intelligence among senior college students.
- 2) There will be no significant difference found between first born and last born on achievement motivation among senior college students.

#### Sample

The present study 100 senior college students were selected belonging to Parbhani city. Among them 50 first born students and 50 last born students. The age group of students is 18-24 years. Non- probability purposive sampling method was used.

#### Variables

##### Independent Variables –

Birth Order

- 1) First Born
- 2) Last Born



# OUR HERITAGE (UGC Care Journal)

ISSN: 0474-9030 Vol-68, Special Issue-14

National Seminar on "The Importance of Sports, Physical Education and Psychology for Personality development At Present Scenario"

Sponsored by ICSSR

Held on (01 February 2020, Saturday)

Organized by: Department of Psychology, Sports and Physical Education  
Shivaji College, Hingoli-431513 (Maharashtra)



## Dependant Variables –

- 1) Emotional Intelligence
- 2) Achievement Motivation

## Tools

### 1) Emotional intelligence scale- by Hyde pethe and Dhar

The present emotional intelligence (EIS) consists of 34 statements with five alternatives there is no time limit for completion the scale. It is a individual as well as group test.

### 2) Achievement Motivation Scale By Deo Mohan (2011)

The Deo Mohan scale was developed to measure the achievement motivation, as a variable used in many studies in education either as a main variable or as a secondary variable; or as a moderator variable. This standard verbal scale has been found to be a very useful instrument for research in achievement motivation. This scale covers three areas, i.e., academic factors; factors of general field; and social interests. It contains 50 items.

## Statistical Analysis

	Birth Order						t value
	First Born			Last Born			
	Mean	SD	N	Mean	SD	N	
Emotional Intelligence	124.23	5.40	50	113.45	4.98	50	<b>10.37**</b>
Achievement Motivation	132.02	5.88	50	119.65	5.30	50	<b>11.04**</b>



## OUR HERITAGE (UGC Care Journal)

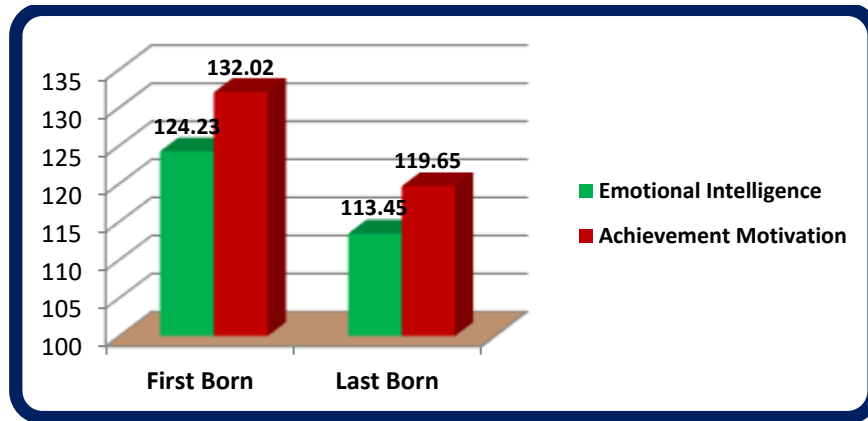
ISSN: 0474-9030 Vol-68, Special Issue-14

National Seminar on "The Importance of Sports, Physical Education and Psychology for Personality development At Present Scenario"

Sponsored by ICSSR

Held on (01 February 2020, Saturday)

Organized by: Department of Psychology, Sports and Physical Education  
Shivaji College, Hingoli-431513 (Maharashtra)



First born senior college students mean is 124.23 and last born senior college students mean is 113.45 on dimension Emotional Intelligence. And the difference between the two mean is highly significant  $t(98) = 10.37, P < 0.01$ . It concluded that the First born senior college students had significantly high Emotional Intelligence than the last born senior college students.

First born senior college students mean is 132.02 and last born senior college students mean is 119.65 on dimension Achievement Motivation. And the difference between the two mean is highly significant  $t(98) = 11.04, P < 0.01$ . It concluded that the First born senior college students had significantly high Achievement Motivation than the last born senior college students.

Vijay Viegas, Joslyn Henriques(2014) The study was conducted on a sample of 60 adolescents (that is adolescents in the age group of 12-21 years) from dual-parent homes. The tools used for data collection comprised of the Schutte Emotional Intelligence Scale (SEIS), and a Personal Data Sheet. The tools used for statistical analysis were t-test and ANOVA (One Way Analysis of Variance). The findings of the study revealed that significant differences exist in emotional intelligence with regard to birth order.

Emotional Intelligence has attracted the interest of researchers, educationists and the leaders of the education world. This study confirms that Birth order has played a significant role in the emotional intelligence and Achievement Motivation of students.

### Conclusions:



## OUR HERITAGE (UGC Care Journal)

ISSN: 0474-9030 Vol-68, Special Issue-14

National Seminar on "The Importance of Sports, Physical Education and Psychology for Personality development At Present Scenario"

Sponsored by ICSSR

Held on (01 February 2020, Saturday)

Organized by: Department of Psychology, Sports and Physical Education  
Shivaji College, Hingoli-431513 (Maharashtra)



- 1) First born senior college students had significantly high Emotional Intelligence than the last born senior college students.
- 2) First born senior college students had significantly high Achievement Motivation than the last born senior college students.

### References:

- Abhishek Venkateshwar & Uma Warriar (2017) the effect of birth order in the emotional intelligence of net generation students. *International Journal of Management (IJM)*. Volume 8, Issue 6, Nov–Dec 2017, pp. 69–75.
- Adler, A. (1927). *Understanding human nature*. New York, NY: Greenburg.
- Barton, K., Dielman, T. E., & Cattell, R. B. (1972). Personality and IQ measures as predictors of school achievement. *Journal of Educational Psychology*, 63(4), 398-404.
- Carlson, J., Watts, R. E., & Maniaci, M. (2006). *Adlerian therapy: Theory and practice*. Washington, DC: American Psychological Association.
- Goleman, D. (1995). *Emotional intelligence: why it can matter more than IQ*. New York: Bantam Books
- Muhammad Akbar, Asghar Ali Shah, Ejaz Ahmad Khan, Masud Akhter (2011) Studied that the relationship between emotional intelligence and academic achievement among higher secondary school students. *Pakistan Journal of Psychology*, December 2011, 42, 2, 43-56.
- Shulman, B. H., & Mosak, H. H. (1977). Birth order and ordinal position. Two Adlerian views. *Journal of Individual Psychology*, 33, 114-121.