

# Relationship Between Spiritual Intelligence and Academic Adjustment of Undergraduate Student with Reference to Their Demographic Variables

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## Abstract:

The present study investigated on compare the relationship between Spiritual Intelligence and Academic Adjustment among Undergraduate Student's. In this research study the correlational method was used. The main objective of this present study was to compare the relationship between Spiritual Intelligence and Academic Adjustment among Undergraduate Student's in respect to their locality, gender, and stream. The present study sample collect data from the population by the use of stratified random Sampling. The size of samples was 60(30 boys and 30 girls) from Gangadhar Meher University, Sambalpur, Odisha. The present study concluded that there exists no significant relationship between spiritual intelligence and academic adjustment of undergraduate students

**Keyword:** Spiritual Intelligence, Academic Adjustmant

## Introduction

Education plays an important role in the society. It is a instrument which is helps to acquire the prosperity and development in the society in various places i.e. social, political, educational and economical etc. Education helps to receive a lot of experience in the society, which is help them to acquire desirable knowledge in the society. Education is the harmonious development in the human and makes them educated, well mannered, good character, and attitude, etc. Education is a powerful tool Which is not only focus on the acquire the knowledge but also acquire the spiritual knowledge among the individual. Education as also gives important to the spiritual development of the individual in the society. It is a faith or belief which is connect the individual with the god emotionally. Education helps the individual to find out the real truth. Education is a broader concept in the sense. It helps to improve and all-round development among the individual. It is helps to solve the any problem in any situation. It is makes people better and better in the society. It helps the people to meet the basic things like food, shelter, goods etc.

## SPIRITUALITY

Spirituality is the inborn quality of the human being. It is the ability which is help to the individual how to connect with the gods . It is the ability to think positively and live in the society peacefully. It is helps to the individual how to connect with others and how to behave with other in the society happily.

## ADJUSTMENT

Adjustment is a process where the human being adjusts themselves in the so different situation in the society. It is helps to maintain and balance their behavior with different situation. It is developing the ability in among the individual to control their attitude, aptitude, personality and behavior in different situation. It very necessary in the individual life for their peaceful life.

## SPIRITUAL INTELLIGENCE

Spiritual intelligence is the ability which is help to measure the spiritual ability of the so students. It is used in the educational academic by the teacher to evaluate the student's spiritual ability. It concerns with the student's mind, their mental capacity, ability, and thinking. Spiritual intelligence understands the individual mind deeply. It is also measuring the behavior before judgement of the people and study their life. This word used by psychologist in their psychological area. It is helping the researcher, teacher, investigator to measure the behavior if an individual.

## ACADEMIC ADJUSTMENT

Academic adjustment plus an important to role in the students' academic area. It is a powerful tool Which is helps to the students to live peacefully and happily in the education institutions. It is essentially for every student because we without adjustment a person can't live happily in their life. It is helps to the students to balance and maintain their behavior in different educational institutions.

## Review of Related Literature

**Robet Emmons (2000):** Has been studied that the "Spiritual intelligence is a framework of identifying and organizing the skills and abilities needed for adaptive use of spirituality. Emmons describes five components of spiritual intelligence; the capacity to transcend the physical and material, the ability to experience heightened state of consciousness, the ability to sanctify everyday experiences, the ability to utilize spiritual resources to solve problems and capacity to be virtuous.

**King & Boyatzis, (2004):** This study suggests that including spiritual exploration may reduce the negative psychological implications that hamper achievement. The need for children to explore these issues from a holistic standpoint, and the ramifications these concerns may have on achievement are necessary for educators to comprehend. During their educational experience, students will explore multiple subjects and areas of interest. Perhaps if more educators added curricular components that included spirituality, students could fulfill their spiritual needs and be more academically engaged.

**Gail DeBlasio (2012):** investigated the relationship between spiritual intelligence and the level of students' social and emotional learning skills in an effort to gain insight into the effect one may have upon the other. The study indicated that there was a significant ( $p < .025$ ) predictive relationship between students' self-perceived level of existential well-being and all five scales of the Emotional Quotient Inventory: Youth Version (Intrapersonal, Interpersonal, Adaptability, Stress Management, and General Mood).

**Arbabisarjou et al. (2013):** investigated the relationship between various kinds of intelligence and student achievement in the University of Isfahan. They studied the relationship between emotional and spiritual intelligence and how they each relate to student achievement. They reported that it was possible to introduce a model which explains a student's achievement based on their emotional and spiritual intelligences.

**Zahra Mahmoudi Kataki et al. (2013):** described the effect of spiritual intelligence and psychological capital on the sense of vitality among elementary school teachers in two regions of the city of Esfahan, Iran. The study confirmed that psychological capital and spiritual intelligence have meaningful effects on teachers' personal characteristics.

**Merial J. Smartt (2014):** presented a study to examine the relationship between spiritual intelligence and the achievements of secondary students. The results showed the strength of the relationship between the predictor and control variables of spiritual intelligence, age, gender, and the criterion variable of achievement. The results found a small relationship between a student's self-reported and spiritual intelligence. Also, the result showed that there was not a statistically significant difference between spiritual intelligence and the participants' achievements.

**Naveen Pant and S.K. Srivastava (2015):** compared the level of spiritual intelligence and quality of student's life in Haridwar, Uttarakhand (India). They explored the relationship between two variables; gender and educational background, and also sought to identify the difference in quality of life of college students corresponding to gender and educational background. The findings of the study revealed that spiritual intelligence and quality of life related significantly among art students, both male and female. Spiritual intelligence and quality of life also related significantly among science students, male and female. No significant difference was found between male and female students in terms of quality of life. Additionally, no significant difference was found between art and science students in terms of quality of life. The purpose of the research paper was to investigate the relationship between spiritual intelligence components with components of students' adjustment among student at the University of Birjand. This study was descriptive and correlational. The population of this study were students that enrolled in the 2011-2012 school year, of which 210 of them (male and female students) were randomly selected. For data collection two questionnaires were used, the student adjustment questionnaire (Farahbakhsh) and spiritual intelligence questionnaire (King); that which reliability of the based on Cronbach's alpha was 0.94 and 0.88, respectively. The results showed that there was a positive and significant relationship between the components of spiritual intelligence (Understand and communicate with the source being and Spiritual life) and the components of students' adjustment (Social Adjustment, Emotional adjustment, Educational adjustment, Purposefulness and self-discovery, Institutional attachment). Also, the component of understand and communicate with the source being, cannot predict the students' adjustment. The results showed that the relationship between spiritual intelligence and adjustment was significant. The relationship between understand and communicate with the source being and social adjustment was positive and significant. Also, there was a positive and significant relationship between spiritual life and social adjustment. The purpose of the research paper was to investigate the relationship between spiritual intelligence components with components of students' adjustment among student at the University of Birjand. This study was descriptive and correlational. The population of this study were students that enrolled in the 2011-2012 school year, of which 210 of them (male and female students) were randomly selected. For data collection two questionnaires were used, the student adjustment questionnaire

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**R. Kalpana Devi and others (2016):** The study has been studied Study of Spiritual Intelligence and Adjustment among Arts and Science College Students find that to evaluate the relationship between the spiritual intelligence and adjustment among the college students was conducted on a sample of 250 students in six various colleges of Tuticorin district, Tamil Nadu, India. Gender, religion, community, major subject, educational qualification of father and mother, student locality, college type, father and mother's occupation and monthly family income (n = 11 variables) were chosen for the study. Test of significance for spiritual intelligence and adjustment was studied and found them non-significant except student locality, found to be significant. The results disclosed the significant positive relationship with spiritual intelligence and adjustment among adolescents.

**Hilal Bashir and Liyaqat Bashir (2016):** presented a study to explore the relationship between spiritual intelligence and self-regulation among higher secondary school students. They reported that a significant difference was not found between urban and rural students on self-regulation. However, a significant

difference was found between urban and rural students on spiritual intelligence.

**Sonia Sharma (2017)** investigated the relationship between spiritual intelligence and adjustments of working women. The main findings of this study signify that there is a significant and negative relationship between spiritual intelligence and adjustment of working women. The working women with a higher level of spiritual intelligence have a higher-level adjustment. However, the author found that there is a significant difference found in spiritual intelligence of working women in relation to their age and family system.

**Dr. T, Mamta (2017):** The study was conducted to find out the relationship between spiritual intelligence and adjustment of prospective teachers. Sample of 100 prospective teachers were selected randomly from different colleges of Abohar only. Spiritual Intelligence Test by Roquiya Zainuddin and Anjum Ahmed (2005) and Bell's Adjustment inventory (Indian adaptation) revised addition R.K. Ojha. (1994) were used by the investigator for present study. The data was analyzed by Pearson's product moment correlation. Results of the study revealed that there exists no significant relation between Spiritual Intelligence and Adjustment of prospective teachers.

**Ali M.Abdelmoaty and et al. (2018):** The study has been studied The Relationship between Spiritual Intelligence and a Student's Adaptation to College Life: Implications for Social Work Practice to find that the Spiritual intelligence is a greatly significant and influential domain in one's personality. It is basically connected with developmental phases, and that is what, indeed, makes it no less important than other intelligence categories. This concept (Spiritual Intelligence) is claimed to be one of the most popular in both human science in general, and social work specifically. Based on this, it is evident that spiritual intelligence has an undeniable effect on a client's social life, and all of its settings, which really necessitates researching it precisely. An additional reason for tackling this concept is scarcity of research emphasizing the role spiritual intelligence can play in education and practice of social work in terms of the Arab environment.

### Summary of the review

Many studies have been conducted in the areas of the importance of measuring spiritual intelligence in a student in order to understand his appreciation for the influence of spiritual intelligence on his life and the life challenges he faces. The study also focuses not only on the relationship between spiritual intelligence and a student's adaptation to college life, but also measures the level of spiritual intelligence in the student at the beginning of his studies in order to see whether this influenced him in choosing to study Social Work, or whether his general intelligence played a bigger part in his choice of studies. What the literature does not make clear is also critical for improving achievement. The reasons for the continual decline of student scores in the United States on Programme of International Student Assessment are unknown. Whether the variables of age and gender predict achievement when they are coupled with spiritual intelligence needs to be investigated. In addition, if spiritual intelligence has any relationship to a student's achievement, and whether the inclusion of spiritual values or constructs may bolster a student's success need to be scrutinized. What the current research adds to the field of knowledge of studying the influence of spiritual intelligence on achievement in an American setting provides a culturally relevant view of these variables and their possible influences on underachievement. For the students, parents, teachers, and administrators concerned about underachievement, current trends suggest including at least spiritual if not religious aspects to help mitigate the problem. Adolescence is a particularly important time in the developmental life of secondary students. So the present studies were carried out in India there is absence

of adopting holistic approach to understand clear relationship between spiritual intelligence and academic adjustment of undergraduate by adopting quantitative approaches to understand the phenomena.

### **NEED OF THE STUDY**

Spiritual intelligence is and Academic adjustment basically used in educational institutions to measure the ability of the students. Through the spiritual intelligence the teacher can measure the spiritual ability of the students. It not only measure the students ability it also measure the common individual spiritual ability. Through the spirituality the individual understands their life deeply and live peacefully in the society. It is focus on human life in the society and help them how to live in this society happily. It connect with our mind and thought which is help them to solve their life related problem. Academic adjustment refers to the behavior of the students in the educational field. It means how the students maintain and balance their behaviour in different situation. It helps to the students to adjust in different educational field.

### **OBJECTIVE OF THE STUDY**

- To find out the level of spiritual intelligence of undergraduate students with reference to their demographic variables.
- To find out the level of academic adjustment among undergraduate students with reference to their demographic variables.
- To determine the relationship between the spiritual intelligence and academic adjustment of students with reference to their demographic variables.

### **HYPOTHESIS**

- H1- There exists high level of spiritual intelligence among undergraduate Students with reference to their demographic variables.
- H1- There exists high level of academic adjustment among undergraduate students.
- Ho- There exists no significant relationship between Spiritual Intelligence and academic adjustment among undergraduate students.

### **METHODOLOGY**

Methodology us an important process in the research study. It is a systematic process. It is a way of collecting data systematically in the research study. It is used by the researcher for collecting data. There are various types of methods in this research study to draw the data i.e. descriptive survey method, experimental method, historical method, ex post facto method, cross-sectional survey method and correlational method etc. Those methods helps to the researcher to draw the data and conclusion. For the present researcher study the researcher used correlational method.

### **POPULATION**

Population refers to whole or large group of people. It is plays an important role in the research study. It is wider and comprehensive in nature. It covers a specific area of the present study. It refers to any human and non- human such as unit, educational institutions, geographical area etc. The present study population is undergraduate students.

### **SAMPLE AND SAMPLING PROCEDURE**

Sample is small unit of population which is taken to measure the data. It is a very important step in the research process. It is the unit which represents total population. It is used where research is conducted. In the present study 30 students were included, out of which 15 girls and 15 boys, who are undergraduate students of Gangadhar Meher University Sambalpur, Odisha, were selected as a sample. Stratified random sampling was used for the selection of the sample in the present study.

### **TOOLS AND TECHNIQUE OF DATA COLLECTION**

Data collection is an important process in the researcher's process. Tools are instruments which help to collect the data and information. By the help of this tool the researcher can collect the data from the respondents. In the present study the main purpose of this study was to compare the relationship between Spiritual Intelligence and Academic Adjustment of Undergraduate Students. There are two techniques conducted in this present study that are –

#### **1. Sixfold Spiritual Intelligence**

This tool was developed by Sarabjit Kaur which measures the spiritual ability of the students.

#### **2. Academic Adjustment**

This scale was developed by Prabhat Kumar which measures the academic adjustment of the students. It measures how the student adjusts themselves in their academic field.

### **PROCEDURE OF DATA COLLECTION**

It is a very important process in the research process. The data collection was done through an online mode because of the Covid-19 virus in the society. The investigator collected data from the students by creating a Google Form and sending that link (form) to the undergraduate student and explaining them about the purpose of the study and collecting the data. After collecting the data, she conveyed her thanks to all the respondents.

### **STATISTICAL TECHNIQUE**

It is very important because the research project also needs quantitative data which is valid and reliable, so the researcher takes statistical techniques for calculation of the data and information. It gives a valid result in the research process. The researcher used correlational and mean for leveling the spiritual intelligence and academic adjustment of undergraduate students and correlational between spiritual intelligence and academic adjustment of undergraduate students.

### **ANALYSIS AND INTERPRETATION**

Data analysis and interpretation is an important step in the research process. It plays an important role in the research process. In this step the researcher gathers data and information to find out the proper answer. Here there are various mathematical calculations done by the researcher. The investigator used different types of tools to calculate the data.

In the present study the investigator aimed to find out the level of spiritual intelligence among undergraduate students. For this purpose she has collected the raw data through sixfold spiritual intelligence and organized all the data in tabular form...

**Analysis of the Objective- 1**

**To find out the level of spiritual intelligence of undergraduate students**

The present study of the research project that the investigator main objective is that to found out the level of spiritual intelligence among undergraduate students by the use of sixfold spiritual intelligence scale. The data collected from the undergraduate student by the use of stratified random Sampling. As per the leveling of the students were counted coming under each rang were calculated and level them as per following table.

Spiritual Intelligence level	Extremely High	High	Above Average	Average	Below Average	Low	Extremely Low
Percentage of respondent	6.7%	3.3 %	13.3%	46.7%	23.3%	3.3%	3.3%

**(TABLE- 1 Level of Spiritual Intelligence of Undergraduate Students)**

As per the presentation of the above table 6.7 %students are in extremely high, 3.3% people are in high level, 13.3% are in above average,46.7% are in average level, 23.3 % are in below average,3.3% are in low level and 3.3 % are extremely low level.

**Analysis if Objective- 2**

**To find out the level of academic adjustment among undergraduate students.**

The second objective of the research process is that the investigator found out the level of academic adjustment of the undergraduate student of Sambalpur University. The data collected from the undergraduate student by the use of stratified random Sampling . As per the obtained leveling of the students were coming counted coming under each rang were calculated and level them with the remarks ,which are in the following table.

Academic adjustment	Above Average	Average	Below Average
Percentage of respondent	23.3%	46.7%	30%

**(TABLE-2 Level of academic adjustment of undergraduate student)**

As per the presentation of table students have above average level of academic adjustment has 23.3%, 46.7 % are in average level of academic adjustment and 30% students are in below average.

**Analysis of Objective- 3**

**To determine the relationship between the spiritual intelligence and academic adjustment of students.**

The third objective of the present study was to found out the relationship between spiritual intelligence and academic adjustment among undergraduate students of GangadharMeher University Sambalpur. In order to accomplish the objective, the investigator has collected spiritual intelligence and academic adjustment score of undergraduate students. After calculating the coefficient of correlation, the investigator got ‘p(rho)’ value of

Variables	N	Rank correlation coefficient [p(rho)]	Degree of freedom (N-2)	SIGNIFICANT LEVEL
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Spiritual intelligence & Academic adjustment	30	0.1201	28	0.05 level=0.349 0.01 level=0.449
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The above table shows the correlation between the spiritual intelligence and academic adjustment is  $p(\rho) = 0.1201$  which shows positive indifferent or negligible relationship between two variables. The above table shows that  $p(\rho)$  value is less than the table value for 50 degree of freedom at 0.01 and 0.05 level of significance. So here null hypothesis is accepted and it can be concluded that there exists no significance relationship between spiritual intelligence and academic adjustment among undergraduate students of Gangadhar Meher University, Sambalpur.

### RESULT AND DISCUSSION

The present study came with the findings that majority of students having high level of spiritual intelligence and it also find the that both high and low are having equal majority level of academic adjustment. It also revealed that there exists no significant relationship between spiritual intelligence and academic adjustment among undergraduate students. The result of the present study support that result of (Mansouri, 2016 revealed that the relationship between understand and communicate with the source being and social adjustment was positive and significant. Also there was a positive and significant relationship between spiritual life and social adjustment. One of the studies is supporting the result of the present study, that study show that the significant positive relationship with spiritual intelligence and adjustment among adolescents (R. Kalpana and et al. 2016; Sharma, 2017). further few studies which are not support the result of the present study those are revealed a small relationship between a student’s self-reported and spiritual intelligence. Also, the result showed that there was not a statistically significant difference between spiritual intelligence and the participants’ achievements. (Merial,2014.) one of the study also revealed that the capacity to transcend the physical and material, the ability to experience heightened state of consciousness, the ability to sanctify everyday experiences, the ability to utilize spiritual resources to solve problems and capacity to be virtuous. (Robet,2000.) revealed that there exists no significant relation between Spiritual Intelligence and Adjustment of prospective teachers (Mamta, 2017).

### CONCLUSION

The present study is about the relationship between spiritual intelligence and academic adjustment among undergraduate student. The study found that there exists no relationship between spiritual intelligence and academic adjustment among undergraduate students. Spiritual intelligence is very much important in the individual to life happily in the society. It used to measure the spiritual ability of the students. Academic adjustment is referring to student’s life of their educational field which is very mush important. It is help to the students to maintain and balance their behavior and activity in the educational field. These two variables very important for their future life.

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