# Spiritual Intelligence in Basketball Performance: Identifying Performance Indicators 

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#### Abstract

The present study was aimed to identify the role of Spiritual Intelligence in performance of basketball players. For this purpose of selection of the subjects around $\mathrm{N}=250$ Female Basketball Players of 20-30 years of age group were chosen to acts as subjects. The entire group of players were further sliced into three group which include ( $\mathrm{N}_{1}=50$ International Basketball Players; $\mathrm{N}_{2}=100$ Senior National level Basketball Players and $\mathrm{N}_{3}=100$ All India Inter-university level Basketball Players). The major aim of this sampling technique was to formulate the objectives of the study. One Way Analysis of Variance (ANOVA) were employed to compare the three groups of Basketball Players. Where ' $F$ ' values were found significant, Scheffe Post-hoc test were applied to find out the direction and degree of difference. For testing the hypotheses, the level of significance was set at 0.05 . In a nutshell it can be said that from the findings that significant differences were found in basketball players on the sub-variables of Spiritual Intelligence i.e., The Inner Self, The Inter Self and Spiritual Intelligence (Total). However, insignificant differences had been observed in the basketball players on the sub-variables of Spiritual Intelligence i.e., Biostoria, Life Perspectives, Spiritual Actualization and Value Orientation.


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## 1. Introduction

Sports psychology relates to understanding of spirituality. It is this psychology which impacts an athlete stressfully after retirement or career ending. A sports consultant could be helpful who could address both sport and nonsport issues. Spirituality helps in attaining health and wellbeing of an athlete [1]. By allowing personal qualities like perseverance, courage and determination which could encourage and awareness of the spiritual. This way a consultant could help an athlete more able to cope up with the comforting adversity and pressure which may over power an athlete. It is spirituality which offers true purpose and meaning to human activity and life. The use of spirituality and religious observance of prayer in sports could help in overcoming performance anxiety and personal difficulties in regaining the strength and finesse [2].

Spirituality enables them to excel by equipping themselves with practical strategies to handle their passion and emotions. Spirituality, hence, is an ingredients which fills the gapping vacuum in life and slides an individual's to slip over handling stress and upcoming challenges. The athlete incorporates spirituality which greatly befits their performance. In an age of competition performance excellence relates to the inner qualities which a sportsman possesses. He remains ever watchful and a no way allows the lower mind to ignore the higher values required in
competition. It is observed that when one weakness removed, one find all other weakness disappearing. It will create a mind that will concentrate only on one goal of winning. It is much better for a player to love the world but without attachment [3]. This will allow the huge cultivation of weeds and vanity which brings down the performance of a player. For an athlete a fall sense of ego should be removing, and too to falls attachment with the body. In spiritual terms it could be accomplish only by meditation. This rubbing off of the ego would wake you to perform regular practice which is in the form of a Sadhana. It will help you digest and assimilate the ideas and live with it in day to day life. An athlete is who essentially make his life a Sadhana [4]. The athletes and cricketers perform keeping spirituality primary in mental concentration. The Mental Skill Training has to be regulated in accordance with specific religious or spiritual belief of a sports person [5]. The study of Mental Skill Training reveals mental Skills and attitude, social economic factors and spiritual \& religious factors as the basic keel in making up of an athlete and rising to the higher echelon of sports. It is observed that athlete's spiritual and religious belief provide a deeper to success and failure in their careers and help them remain faithful to training programmes but a faith which will shape and reshape of an athlete to become a better person, and reach the top rung of the awards stand. It will not out of place mention that both spiritual and religious beliefs of an athlete are inextricably bound to their supporting experience [6].

## 2. Selection of Subjects

For this purpose of selection of the subjects around N=250 Female Basketball Players of 20-30 years of age group were chosen to acts as subjects. The entire group of players were further sliced into three group which include ( $\mathrm{N}_{1}=50$ International Basketball Players; $\mathrm{N}_{2}=100$ Senior National level Basketball Players and $\mathrm{N}_{3}=100$ All India Inter-university level Basketball Players). The major aim of this sampling technique was to formulate the objectives of the study.

## 3. Selection of Variables

The availability of tools for investigation were given privacy and along with it the legitimate time was calculated which could be devoted for tests. The opinion of the experts was taken into consideration for the entire study. After due analysis of the criteria in mind following variables were selected for the present study.

## Spiritual Intelligence

- The Inner Self
- The Inter Self
- Biostoria
- Life Perspectives
- Spiritual Actualization
- Value Orientation


## 4. Selection of Tools

To measure the level of Spiritual Intelligence of the subjects, the s Spiritual Intelligence scale constructed by Roquiya Zainuddin \& Anjum Ahmed was administered.

## 5. Statistical Technique Employed

One Way Analysis of Variance (ANOVA) were employed to compare the three groups of Basketball Players. Where ' $F$ ' values were found significant, Scheffe Post-hoc test were applied to find out the direction and degree of difference. For testing the hypotheses, the level of significance was set at 0.05 .

## 6. Results

Table 1. Descriptive Analysis results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable The Inner Self

| S. <br> No. | Groups | $\mathbf{N}$ | Mean | Std. <br> Deviation | Std. <br> Error |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | International Level <br> Basketball Players | 50 | 39.74 | 2.91 | .41 |
| 2. | Senior National Level <br> Basketball Players | 100 | 37.68 | 4.31 | .43 |
| 3. | All India Interuniversity <br> Level Basketball Players | 100 | 38.97 | 4.61 | .46 |
|  | Total | 250 | 38.60 | 4.26 | .26 |

Table 1 given above describes the outcomes of the observation of female basketball players regarding the Spiritual Intelligence on the sub-variable The Inner Self. The means of the International Level Basketball Players, Senior National Level Basketball Players and All India Interuniversity Level Basketball Players were observed to be $39.74,37.68$ and 38.97 respectively whereas as the Standard Deviations were observed to be 2.91, 4.31 and 4.61 respectively along with the corresponding Standard Errors being .41, . 43 and . 46 .

Table 2. One Way Analysis of Variance (ANOVA) results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable The Inner Self

| Source of <br> Variation | Sum of <br> Squares | Degree <br> of <br> Freedom | Mean <br> Square | F- <br> Value | P- <br> Value <br> (Sig.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Between <br> Groups | 163.29 | 2 | 81.64 |  |  |
| Within <br> Groups | 4366.29 | 247 | 17.67 | $4.619^{*}$ | .011 |
| Total | 4529.58 | 249 |  |  |  |

*Significant at 0.05
F0. 05 (2,247).
Considering the level of significance at 0.05 Table 2 depicts the significant differences regarding the sub-variable The Inner Self among the basketball players of different levels like International Level, Senior National Level and All India Interuniversity Level Basketball Players. The P -value (Sig.) being .011 which was significant as it was less than 0.05 ( $\mathrm{p}<0.05$ ). As calculated F-value (4.619*) was found to be significant, hence Scheffe Post-hoc test was applied to analyze the direction and significance of difference between paired means among basketball players of different levels mentioned above on the sub-variable The Inner Self. The outcomes of Scheffe Post-hoc test have been shown in Table 3.

Table 3. Analysis of Scheffe Post-hoc test among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable The Inner Self

| Means |  | Mean <br> Difference | P- <br> value <br> (Sig.) |
| :---: | :---: | :---: | :---: |
| International Level <br> Basketball Players <br> [39.74] | Senior National Level <br> Basketball Players <br> [37.68] | $2.56^{*}$ | .001 |
| All India <br> Interuniversity Level <br> Basketball Players <br> [38.97] | .26 | .927 |  |
| Senior National Level <br> Basketball Players <br> [37.68] | International Level <br> Basketball Players <br> [39.74] | $2.56^{*}$ | .001 |
| All India <br> Interuniversity Level <br> Basketball Players <br> [38.97] | $2.82^{*}$ | .000 |  |
| All India <br> Interuniversity Level <br> Basketball Players <br> [38.97] | International Level <br> Basketball Players <br> [39.74] | Senior National Level <br> Basketball Players <br> [37.68] | $2.82^{*}$ |
| .000 |  |  |  |

Level of Significant at 0.05 .
The mean difference between International Level Basketball Players and Senior National Level Basketball

Players was 2.56. The International Level Basketball Players showed significantly better The Inner Self than the Senior National Level Basketball Players as the P-value (Sig.) .001. The table also specified the mean difference between International Level Basketball Players and All India Interuniversity Level Basketball Players to be .26 and the P-value (Sig.) being .927 proving International Level Basketball Players had shown better The Inner Self than their counterpart Senior All India Interuniversity Level Basketball Players although not very significantly. Finally it was observed from the above table (Table 3) that the mean difference between Senior National Level and All India Interuniversity Level Basketball Players was 2.82 and corresponding P -value (Sig.) . 000 which established that All India Interuniversity Level Basketball Players showed significantly better The Inner Self than in their counterpart Senior National Level Basketball Players.

Table 4. Descriptive Analysis results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable The Inter Self

| S. <br> No. | Groups | $\mathbf{N}$ | Mean | Std. <br> Deviation | Std. <br> Error |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | International Level <br> Basketball Players | 50 | 65.86 | 14.91 | 2.10 |
| 2. | Senior National Level <br> Basketball Players | 100 | 76.65 | 12.34 | 1.23 |
| 3. | All India Interuniversity <br> Level Basketball Players | 100 | 79.31 | 11.98 | 1.19 |
|  | Total | 250 | 75.55 | 13.65 | .86 |

Table 4 given above describes the outcomes of the observation of female basketball players regarding the Spiritual Intelligence on the sub-variable The Inter Self. The means of the International Level Basketball Players, Senior National Level Basketball Players and All India Interuniversity Level Basketball Players were observed to be $65.86,76.65$ and 79.31 respectively whereas as the Standard Deviations were observed to be 14.91, 12.34 and 11.98 respectively along with the corresponding Standard Errors being 2.10, 1.23 and 1.19.

Table 5. One Way Analysis of Variance (ANOVA) results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable The Inter Self

| Source of <br> Variation | Sum of <br> Squares | Degree <br> of <br> Freedom | Mean <br> Square | F- <br> Value | P- <br> Value <br> (Sig.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Between <br> Groups | 6229.55 | 2 | 3114.77 |  |  |
| Within <br> Groups | 40216.16 | 247 | 162.81 | $19.130^{*}$ | .000 |
| Total | 46445.71 | 249 |  |  |  |

*Significant at 0.05
F0. $05(2,247)$.
Considering the level of significance at 0.05 Table 5 depicts the significant differences regarding the sub-variable The Inter Self among the basketball players of different levels like International Level, Senior National Level and All India Interuniversity Level Basketball Players. The P-value (Sig.) being . 000 which was significant as it was less than 0.05 ( $\mathrm{p}<0.05$ ). As calculated F -value (19.130*) was found to be significant, hence Scheffe Post-hoc test was applied to analyze the direction and significance of difference between paired means among basketball players of different levels mentioned above on the
sub-variable The Inter Self. The outcomes of Scheffe Post-hoc test have been shown in Table 6.

Table 6. Analysis of Scheffe Post-hoc test among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable The Inter Self

| Means |  | Mean <br> Difference | P- <br> value <br> (Sig.) |
| :---: | :---: | :---: | :---: |
| International Level <br> Basketball Players <br> [65.86] | Senior National Level <br> Basketball Players <br> [76.65] | $10.79^{*}$ | .000 |
| All India <br> Interuniversity Level <br> Basketball Players <br> [79.31] | $13.45^{*}$ | .000 |  |
| Senior National Level <br> Basketball Players <br> [76.65] | International Level <br> Basketball Players <br> [65.86] | $10.79^{*}$ | .000 |
| All India <br> Interuniversity Level <br> Basketball Players <br> [79.31] | 2.66 | .339 |  |
| All India <br> Interuniversity Level <br> Basketball Players <br> [79.31] | International Level <br> Basketball Players <br> [65.86] | Senior National Level <br> Basketball Players <br> [76.65] | $2.45^{*}$ |

Level of Significant at 0.05 .
The mean difference between International Level Basketball Players and Senior National Level Basketball Players was 10.79 . The Senior National Level Basketball Players showed significantly better The Inter Self than the International Level Basketball Players as the P -value (Sig.) .000. The table also specified the mean difference between International Level Basketball Players and All India Interuniversity Level Basketball Players was 13.45 and corresponding P-value (Sig.) . 000 which established that All India Interuniversity Level Basketball Players showed significantly better The Inner Self than in their counterpart International Level Basketball Players. Finally it was observed from the above table (Table 6) that the mean difference between Senior National Level Basketball Players and All India Interuniversity Level Basketball Players was 2.66 and the P-value (Sig.) being . 339 proving that the All India Interuniversity Level Basketball Players had exhibited better The Inter Self than their counterpart Senior National Level Basketball Players although not very significantly.

Table 7. Descriptive Analysis results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable Biostoria

| S. <br> No. | Groups | $\mathbf{N}$ | Mean | Std. <br> Deviation | Std. <br> Error |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | International Level <br> Basketball Players | 50 | 23.66 | 3.32 | .47 |
| 2. | Senior National Level <br> Basketball Players | 100 | 23.92 | 3.22 | .32 |
| 3. | All India Interuniversity <br> Level Basketball Players | 100 | 24.46 | 3.61 | .36 |
|  | Total | 250 | 24.08 | 3.40 | .21 |

Table 7 given above describes the outcomes of the observation of female basketball players regarding the Spiritual Intelligence on the sub-variable Biostoria. The means of the International Level Basketball Players,

Senior National Level Basketball Players and All India Interuniversity Level Basketball Players were observed to be $23.66,23.92$ and 24.46 respectively whereas as the Standard Deviations were observed to be 3.32, 3.22 and 3.61 respectively along with the corresponding Standard Errors being .47, 32 and .36 .

Table 8. One Way Analysis of Variance (ANOVA) results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable Biostoria

| Source of <br> Variation | Sum of <br> Squares | Degree <br> of <br> Freedom | Mean <br> Square | F-Value | P-Value <br> (Sig.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Between <br> Groups | 25.81 | 2 | 12.90 |  |  |
| Within <br> Groups | 2867.42 | 247 | 11.60 | 1.112 | .331 |
| Total | 2893.23 | 249 |  |  |  | *Significant at 0.05 F0.05 (2,247).

It became evident from Table 8 given above that on the basis of One Way Analysis of Variance (ANOVA) among "Between Groups" and "Within groups" depicted the insignificant difference with regard to the sub-variable Biostoria among female basketball players comprising of International Level, Senior National Level and All India Interuniversity Level Basketball Players since the P-value (Sig.) . 331 was found greater than the 0.05 level of significance ( $\mathrm{p}>0.05$ ). But the F -value (1.112) was found insignificant, therefore, Post-hoc test was not required.

Table 9. Descriptive Analysis results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable Life Perspectives

| S. <br> No. | Groups | $\mathbf{N}$ | Mean | Std. <br> Deviation | Std. <br> Error |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | International Level <br> Basketball Players | 50 | 40.40 | 9.21 | 1.30 |
| 2. | Senior National Level <br> Basketball Players | 100 | 39.72 | 4.71 | .47 |
| 3. | All India Interuniversity <br> Level Basketball Players | 100 | 41.43 | 5.28 | .52 |
|  | Total | 250 | 40.54 | 6.10 | .38 |

Table 9 given above describes the outcomes of the observation of female basketball players regarding the Spiritual Intelligence on the sub-variable Life Perspectives. The means of the International Level Basketball Players, Senior National Level Basketball Players and All India Interuniversity Level Basketball Players were observed to be $40.40,39.72$ and 41.43 respectively whereas as the Standard Deviations were observed to be 9.21, 4.71 and 5.28 respectively along with the corresponding Standard Errors being 1.30, 47 and . 52 .

Table 10. One Way Analysis of Variance (ANOVA) results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable Life Perspectives

| Source of <br> Variation | Sum of <br> Squares | Degree <br> of <br> Freedom | Mean <br> Square | F- <br> Value | P- <br> Value <br> (Sig.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Between <br> Groups | 147.43 | 2 | 73.71 |  |  |
| Within <br> Groups | 9124.67 | 247 | 36.94 | 1.995 | .138 |
| Total | 9272.10 | 249 |  |  |  |

*Significant at 0.05

It became evident from Table 10 given above that on the basis of One Way Analysis of Variance (ANOVA) among "Between Groups" and "Within groups" depicted the insignificant difference with regard to the sub-variable Life Perspectives among female basketball players comprising of International Level, Senior National Level and All India Interuniversity Level Basketball Players since the P-value (Sig.) . 138 was found greater than the 0.05 level of significance ( $\mathrm{p}>0.05$ ). But the F-value (1.995) was found insignificant, therefore, Post-hoc test was not required.

Table 11. Descriptive Analysis results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable Spiritual Actualization

| S. <br> No. | Groups | $\mathbf{N}$ | Mean | Std. <br> Deviation | Std. <br> Error |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | International Level <br> Basketball Players | 50 | 85.28 | 15.07 | 2.13 |
| 2. | Senior National Level <br> Basketball Players | 100 | 86.39 | 13.52 | 1.35 |
| 3. | All India Interuniversity <br> Level Basketball Players | 100 | 89.51 | 12.84 | 1.28 |
|  | Total | 250 | 87.41 | 13.64 | .86 |

Table 11 given above describes the outcomes of the observation of female basketball players regarding the Spiritual Intelligence on the sub-variable Spiritual Actualization. The means of the International Level Basketball Players, Senior National Level Basketball Players and All India Interuniversity Level Basketball Players were observed to be $85.28,86.39$ and 89.51 respectively whereas as the Standard Deviations were observed to be $15.07,13.52$ and 12.84 respectively along with the corresponding Standard Errors being 2.13, 1.35 and 1.28.

Table 12. One Way Analysis of Variance (ANOVA) results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable Spiritual Actualization

| Source of <br> Variation | Sum of <br> Squares | Degree <br> of <br> Freedom | Mean <br> Square | F- <br> Value | P- <br> Value <br> (Sig.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Between <br> Groups | 771.87 | 2 | 385.93 |  |  |
| Within <br> Groups | 45592.86 | 247 | 184.58 | 2.091 | .126 |
| Total | 46364.73 | 249 |  |  |  |

*Significant at 0.05
F0. 05 (2,247).
It became evident from Table 12 given above that on the basis of One Way Analysis of Variance (ANOVA) among "Between Groups" and "Within groups" depicted the insignificant difference with regard to the sub-variable Spiritual Actualization among female Basketball Players comprising of International Level, Senior National Level and All India Interuniversity Level Basketball Players since the P-value (Sig.) . 126 was found greater than the 0.05 level of significance ( $\mathrm{p}>0.05$ ). But the F-value (2.091) was found insignificant, therefore, Post-hoc test was not required.

Table 13. Descriptive Analysis results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable Value Orientation

| S. <br> No. | Groups | $\mathbf{N}$ | Mean | Std. <br> Deviation | Std. <br> Error |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | International Level <br> Basketball Players | 50 | 47.64 | 9.63 | 1.36 |
| 2. | Senior National Level <br> Basketball Players | 100 | 47.22 | 8.18 | .81 |
| 3. | All India <br> Interuniversity Level <br> Basketball Players | 100 | 48.97 | 8.24 | .82 |
|  | Total | 250 | 48.00 | 8.51 | .53 |

Table 13 given above describes the outcomes of the observation of female basketball players regarding the Spiritual Intelligence on the sub-variable Value Orientation. The means of the International Level Basketball Players, Senior National Level Basketball Players and All India Interuniversity Level Basketball Players were observed to be $47.64,47.22$ and 48.97 respectively whereas as the Standard Deviations were observed to be $9.63,8.18$ and 8.24 respectively along with the corresponding Standard Errors being 1.36, 81 and .82 .

Table 14. One Way Analysis of Variance (ANOVA) results among Female Basketball Players with Regard to Spiritual Intelligence on the Sub-variable Value Orientation

| Source of <br> Variation | Sum of <br> Squares | Degree <br> of <br> Freedom | Mean <br> Square | F-Value | P-Value <br> (Sig.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Between <br> Groups | 161.406 | 2 | 80.70 |  |  |
| Within <br> Groups | 17897.590 | 247 | 72.46 | 1.114 | .330 |
| Total | 18058.996 | 249 |  |  |  |

*Significant at 0.05
F0. 05 (2,247).
It became evident from Table 14 given above that on the basis of One Way Analysis of Variance (ANOVA) among "Between Groups" and "Within groups" depicted the insignificant difference with regard to the sub-variable Value Orientation among female basketball players comprising of International Level, Senior National Level and All India Interuniversity Level Basketball Players since the P -value (Sig.) . 330 was found greater than the 0.05 level of significance ( $\mathrm{p}>0.05$ ). But the F-value (1.114) was found insignificant, therefore, Post-hoc test was not required.

Table 15. Descriptive Analysis results among Female Basketball Players with Regard to the Variable Spiritual Intelligence (Total)

| S. <br> No. | Groups | $\mathbf{N}$ | Mean | Std. <br> Deviation | Std. <br> Error |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | International Level <br> Basketball Players | 50 | 308.68 | 39.28 | 5.55 |
| 2. | Senior National Level <br> Basketball Players | 100 | 311.02 | 38.91 | 3.89 |
| 3. | All India <br> Interuniversity Level <br> Basketball Players | 100 | 322.46 | 34.20 | 3.42 |
|  | Total | 250 | 315.13 | 37.52 | 2.37 |

Table 15 given above describes the outcomes of the observation of female basketball players regarding to the variable Spiritual Intelligence (Total). The means of the

International Level Basketball Players, Senior National Level Basketball Players and All India Interuniversity Level Basketball Players were observed to be 308.68, 311.02 and 322.46 respectively whereas as the Standard Deviations were observed to be $39.28,38.91$ and 34.20 respectively along with the corresponding Standard Errors being 5.55, 3.89 and 3.42 .

Table 16. One Way Analysis of Variance (ANOVA) results among Female Basketball Players with Regard to the Variable Spiritual Intelligence (Total)

| Source of <br> Variation | Sum of <br> Squares | Degree <br> of <br> Freedom | Mean <br> Square | F-Value | P-Value <br> (Sig.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Between <br> Groups | 9142.22 | 2 | 4571.11 |  |  |
| Within <br> Groups | 341415.68 | 247 | 1382.25 | $3.307^{*}$ | .038 |
| Total | 350557.90 | 249 |  |  |  | | *Significant at 0.05 |
| :--- |

Considering the level of significance at 0.05 Table 16 depicts the significant differences regarding the variable Spiritual Intelligence (Total) among the Basketball Players of different levels like International Level, Senior National Level and All India Interuniversity Level Basketball Players. The P-value (Sig.) being . 038 which was significant as it was less than 0.05 ( $\mathrm{p}<0.05$ ). As calculated F-value (3.307*) was found to be significant, hence Scheffe Post-hoc test was applied to analyze the direction and significance of difference between paired means among basketball players of different levels mentioned above on the variable Spiritual Intelligence (Total). The outcomes of Scheffe Post-hoc test have been shown in Table 17.

Table 17. Analysis of Scheffe Post-hoc test among Female Basketball Players with Regard to the Variable Spiritual Intelligence (Total)

| Means |  | Mean <br> Difference | P- <br> value <br> (Sig.) |
| :---: | :---: | :---: | :---: |
| International Level <br> Basketball Players <br> [308.68] | Senior National Level <br> Basketball Players <br> [311.02] | 2.34 | .936 |
| All India <br> Interuniversity Level <br> Basketball Players <br> [322.46] | 13.78 | .103 |  |
| Senior National Level <br> Basketball Players <br> [311.02] | International Level <br> Basketball Players <br> [308.68] | 2.34 | .936 |
| All India <br> Interuniversity Level <br> Basketball Players <br> [322.46] | 11.44 | .096 |  |
| All India <br> International Level <br> Interuniversity Level <br> Basketball Players <br> [322.46] | Senall Players <br> [308.68] | 13.78 | .103 |
| Basketball Players <br> [311.02] | 11.44 | .096 |  |

## Level of Significant at 0.05 .

The mean difference between International Level Basketball Players and Senior National Level Basketball Players was 2.34 and the P -value (Sig.) being .936
proving that the Senior National Level Basketball Players had exhibited better Spiritual Intelligence (Total) than their counterpart International Level Basketball Players although not very significantly. The table also specified the mean difference between International Level Basketball Players and All India Interuniversity Level Basketball Players was 13.78 . The P-value (Sig.) 103 showed that the All India Interuniversity Level Basketball Players showed significantly better Spiritual Intelligence (Total) than in their counterpart International Level Basketball Players although not very significantly. Finally it was observed from the above table (Table 17) that the mean difference between Senior National Level Basketball Players and All India Interuniversity Level Basketball Players was 11.44 and the P -value (Sig.) being .096 proving that the All India Interuniversity Level Basketball Players had exhibited better Spiritual Intelligence (Total) than their counterpart Senior All India Interuniversity Level Basketball Players although not very significantly.

## 7. Practical Application

The study will be considerably helpful to comprehend the Spiritual Intelligence in Basketball Performance existing among basketball players. The sports psychologists and coaches working with these areas will drive benefit from the findings of the present research and they can integrate the Spiritual Intelligence variables in their training schedule from the very initial stages.

## 8. Conclusion

Summarizing from the above findings we can say that significant differences were found in basketball players on the sub-variables of Spiritual Intelligence i.e., The Inner Self, The Inter Self and Spiritual Intelligence (Total). However, insignificant differences had been observed in the basketball players on the sub-variables of Spiritual Intelligence i.e., Biostoria, Life Perspectives, Spiritual Actualization and Value Orientation.

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