**DATA ANALYSIS**

**& INTERPRETATION**

**Section A: Descriptive statistics of the demographic variables**

**TABLE 4.1:** Frequency and Percentage wise distribution of demographic variables:

[N=70]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SL.NO** | **DEMOGRAPHIC VARIABLES** | **FREQUENCY**  **[n]** | **PERCENTAGE [%]** | **Cumulative Percentage**  **[%]** | | **Mean (x̅)**  **&**  **SD** |
| **1**. | **AGE IN YEARS** | | | | | x̅ = 2.03  SD = 0.933 |
|  | <30 | 24 | 34.28 | | 34.28 |
|  | 30-40 | 25 | 35.72 | | 70 |
|  | 41-50 | 16 | 22.86 | | 92.86 |
|  | >50 | 5 | 7.14 | | 100 |
| **2.** | **GENDER** | | | | | x̅ = 1.64  SD =  0.483 |
|  | Male | 25 | 35.71 | | 35.71 |
|  | Female | 45 | 64.29 | | 100 |
| **3.** | **RELIGION** | | | | | x̅ = 1.23  SD = 0.569 |
|  | Hindu | 58 | 82.86 | | 82.86 |
|  | Christian | 9 | 12.86 | | 95.72 |
|  | Muslim | 2 | 2.86 | | 98.58 |
|  | Others | 1 | 1.42 | | 100 |
| **4.** | **EDUCATION LEVEL** | | | | | x̅ = 3.28  SD = 1.079 |
|  | Illiterate | 3 | 4.28 | | 4.28 |
|  | Primary education | 13 | 18.57 | | 22.85 |
|  | Secondary education | 26 | 37.15 | | 60 |
|  | Under graduate | 17 | 24.28 | | 84.28 |
|  | Post graduate | 11 | 15.72 | | 100 |
| **5.** | **EMPLOYMENT STATUS** | | | | | x̅ = 1.53  SD = 0.696 |
|  | Employed | 41 | 58.57 | | 58.57 |
|  | Unemployed | 21 | 30 | | 88.57 |
|  | Retired | 8 | 11.43 | | 100 |
| **6.** | **FAMILY MONTHLY INCOME** | | | | | x̅ = 2.17  SD = 0.696 |
|  | <10,000 | 12 | 17.14 | | 17.14 |
|  | 10,000 - 30,000 | 38 | 54.29 | | 71.43 |
|  | 30,001 - 50,000 | 16 | 22.86 | | 94.29 |
|  | >50,000 | 4 | 5.71 | | 100 |
| **7.** | **TYPE OF MARRIAGE** | | | | | x̅ = 1.34  SD = 0.478 |
|  | Arranged Marriage | 46 | 65.71 | | 65.71 |
|  | Love Marriage | 24 | 34.29 | | 100 |
| **8.** | **HOW LONG HAVE YOU BEEN MARRIED?** | | | | | x̅ = 2  SD = 0.948 |
|  | < 5 years | 23 | 32.86 | | 32.86 |
|  | 5 - 10 years | 32 | 45.71 | | 78.57 |
|  | 11 - 20 years | 7 | 10 | | 88.57 |
|  | >20 years | 8 | 11.43 | | 100 |
| **9.** | **DO YOU HAVE ANY CHILDREN?** | | | | | x̅ = 1.06  SD = 0.234 |
|  | Yes | 66 | 94.28 | | 94.28 |
|  | No | 4 | 5.72 | | 100 |

**DIAGRAMMATIC REPRESENTATIONS:**

**FIGURE 4.1: Frequency of Age group**

**FIGURE 4.2: Frequency of Gender**

**FIGURE 4.3: Frequency of Religion**

**FIGURE 4.4: Frequency of Education level**

**FIGURE 4.5: Frequency of Employment status**

**FIGURE 4.6: Frequency of Monthly income**

**FIGURE 4.7: Frequency of Marriage type**

**FIGURE 4.8: Frequency of Duration from marriage**

**FIGURE 4.9: Frequency of having children**

**Inference:**

* Majority of the participants are between the age groups of 30-40 and less than 30 (70%).
* Majority of the participants are female (64.3%)
* Majority of the participants are Hindu (83%)
* Majority of the participants have done secondary education (37%)
* Majority of the participants are employed (58.6%)
* Majority of the participants family monthly income is between 10,000-30,000 (53%)
* Majority of the participants are arranged marriage (65.7%)
* Majority of the participants have been married for 5-10 years (45.7%)
* Majority of the participants have children (94.3%).

**SECTION B:** TOOL TO ASSESS THE PERCEPTION ABOUT FACTORS LEADING TO LONG LASTING MARRIAGES AMONG MARRIED COUPLES

**TABLE 4.2:** Frequency and Percentage wise distribution of Marital Satisfaction

|  |  |  |
| --- | --- | --- |
| **Marital Satisfaction** | **Frequency (n)** | **Percentage (%)** |
| POSITIVE PERCEPTION | 42 | 60 |
| NEUTRAL PERCEPTION | 28 | 40 |
| NEGATIVE PERCEPTION | 0 | 0 |
| **Total** | **70** | **100** |
| **Mean** | **X̅ = 1.74** | |
| **Standard Deviation** | **SD = 0.493** | |

**FIGURE 4.10: Diagrammatic Representation of Marital satisfaction:**

**INFERENCE:**

* **Majority of the participants (60%) have Positive perception towards marital satisfaction.**
* **Remaining (40%) participants have Neutral perception towards marital satisfaction.**
* **No one is having Negative perception towards marital satisfaction.**

**TABLE 4.3 Association between the marital satisfaction with the selected demographic variables:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl. No:** | **DEMOGRAPHIC VARIABLES** | **MARITAL SATISFACTION** | | | | **Chi-Square (χ2), df and p-value** |
| **Positive perception** | | **Neutral perception** | |
| **n** | **%** | **n** | **%** |
| **1**. | **AGE IN YEARS** | | | | | **χ 2 = 14.705**  **df = 3**  **p = 0.002**  **S\*** |
| <30 | 20 | 83.3 | 4 | 16.67 |
| 30-40 | 10 | 40 | 15 | 60 |
| 41-50 | 7 | 43.75 | 9 | 56.25 |
| >50 | 5 | 100 | 0 | 0 |
| **2.** | **GENDER** | | | | | **χ 2 = 1.037**  **df = 1**  **p = 0.309**  **NS** |
| Male | 17 | 68 | 8 | 32 |
| Female | 25 | 55.6 | 20 | 44.4 |
| **3.** | **RELIGION** | | | | | **χ 2 = 0.936**  **df = 3**  **p = 0.810**  **NS** |
| Hindu | 34 | 58.6 | 24 | 41.4 |
| Christian | 6 | 66.7 | 3 | 33.3 |
| Muslim | 1 | 50 | 1 | 50 |
| Others | 1 | 100 | 0 | 0 |
| **4.** | **EDUCATION LEVEL** | | | | | **χ 2 = 5.372**  **df = 4**  **p = 0.251**  **NS** |
| Illiterate | 1 | 33.3 | 2 | 66.7 |
| Primary education | 10 | 76.9 | 3 | 23.1 |
| Secondary education | 12 | 46.1 | 14 | 53.9 |
| Under graduate | 7 | 63.6 | 4 | 36.4 |
| Post graduate | 1 | 33.3 | 2 | 66.7 |
| **5.** | **EMPLOYMENT STATUS** | | | | | **χ 2 = 6.123**  **df = 2**  **p = 0.047**  **S\*** |
| Employed | 28 | 68.3 | 13 | 31.7 |
| Unemployed | 8 | 38 | 13 | 62 |
| Retired | 6 | 75 | 2 | 25 |
| **6.** | **FAMILY MONTHLY INCOME** | | | | | **χ 2 = 3.077**  **df = 3**  **p = 0.380**  **NS** |
| <10,000 | 7 | 58.3 | 5 | 41.7 |
| 10,000 - 30,000 | 21 | 55.26 | 17 | 44.74 |
| 30,001 - 50,000 | 10 | 62.5 | 6 | 37.5 |
| >50,000 | 4 | 100 | 0 | 0 |
| **7.** | **TYPE OF MARRIAGE** | | | | | **χ 2 = 5.590**  **df = 1**  **p = 0.018**  **S\*** |
| Arranged Marriage | 23 | 50 | 23 | 50 |
| Love Marriage | 19 | 79.17 | 5 | 20.83 |
| **8.** | **HOW LONG HAVE YOU BEEN MARRIED?** | | | | | **χ 2 = 10.094**  **df = 3**  **p = 0.018**  **S\*** |
| < 5 years | 18 | 78.2 | 5 | 21.8 |
| 5 - 10 years | 14 | 43.75 | 18 | 56.25 |
| 11 - 20 years | 3 | 42.8 | 4 | 57.2 |
| >20 years | 7 | 87.5 | 1 | 12.5 |
| **9.** | **DO YOU HAVE ANY CHILDREN?** | | | | | **χ 2 = 2.828**  **df = 1**  **p = 0.093**  **NS** |
| Yes | 38 | 57.57 | 28 | 42.42 |
| No | 4 | 100 | 0 | 0 |

**Where, Df- Degrees of Freedom.**

**Decision Rule: If p-value 0.05 – Significant (S\*); Otherwise Not Significant (NS)**

**INFERENCE:**

The Table 4.3 depicts that, there is a significant association between **Marital satisfaction** and the demographic variables **Age in years, Employment status, Type of marriage and Duration of marriage.**