## Tactful Management

## FACTORS INFLUENCING CUSTOMER SATISFACTION OF HOME APPLICANCE WITH REFERENCE TO CHENNAI


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#### Abstract

: Home appliances has occupied an important and predominant place in everybody life in the present scenario. A life without home appliances cannot be dreamt off. The fast lifestyle and disposable income has led to this situation. In this context it is important understand the factors influencing customer satisfaction of home appliances with reference to Chennai. Primary data has been collected using questionnaire. 650 questionnaires were collected and analysed using ANOVA. From the study it is clear that factors like qualification, occupation and income of the respondents have influence on customer satisfaction. If marketers understand thesefactors they can sell better.


KEYWORDS: customer satisfaction, home appliances, occupation, qualification and income.

## INTRODUCTION:

Home Appliances in the present world is like a family member. Without it family cannot be run now-a-days. The busy metro life and disposable income of the person has led to the present position. Larger numbers ofwomen are going for employment. They have to finish their house chores and get to work. The only way is to use high tech electronic home appliances. The home appliances ranges from TV, washing machine, mixer, grinder, air conditioners, fan, etc.

## CUSTOMER SATISFACTION:

Customer purchases a product with lot of expectation. If all the desired quality is met by the product the customer will be satisfied and it is called as customer satisfaction in simple terms. Customer satisfaction is important for a manufacturer of home appliances because it leads to brand loyalty and brand trust. A satisfied customer is one of good advertising source for the manufacturer for the reference groups. If the product satisfies him he will give a good reference otherwise the negative. There may be chance that satisfied customer may repurchase the company products in the future also.

## STATEMENT OF THE PROBLEM:

Home appliances are inevitable now. Each customer wants and desires are different. What are the various things or attributes the customer prefers. This research article tries to find the factors influencing customer satisfaction of home appliances in Chennai.

## OBJECTIVES OF THE STUDY:

1.To identify the impact of brand equity on the level of satisfaction on home appliances in Chennai.
2.The various factors influencing the customer satisfaction of home appliances.

## REVIEW OF LITERATURE:

Awan et al (2014) his study aimed at analysing the impact of customer satisfaction and brand loyalty on consumer durables. The data for his study has been obtained through primary data from 300 respondents who are middle income groups and people belonged to business class. The findings of his study were that the impact of customer satisfaction was significant that affect brand loyalty to great extent.

Ray (2015) there study focuses on the factors that influences both externally and internally on consumer decision making processes. They have taken demographic factors as the factors that influence the customer decision making. They found that Psychographic can be the major market segmentation element. The major influencers are occupation, life style and value.

Thaman (2010) the research article has analyzed the consumer behaviour in the purchase process of television, refrigerator and food processor with special reference to income level. They have taken 300 samples from Ludhiana. There study revealed that lower class and middle class were reluctant to buy new products but upper class priority was that of stylishness and the durables body appearances.

Uma and Sasikala (2014) in their research paper analyzed the consumer buying behaviour for chosen Air Conditioners products in Madurai region. Data was collected using both primary and secondary data. The findings of the study are that consumer behaviour and preference have a great impact on the Air Conditioners products.

Pouromid and Iranzadeh (2012) their research article tries to examine the causes that affects the brand equity. The data were collected using simple random sampling of Guilan province female
customers. There study results shows that brand awareness, association and perceived quality has significant effect on brand equity.

## HYPOTHESISTO BE TESTED:

1. $H_{0} \quad$ - There is no significant difference between the male and female respondents with respect to the customer satisfaction of Home Appliances. (hyp-24 page no.57)
2. $\mathrm{H}_{0}$-There is no significant difference between the Married and Unmarried respondents with respect to the customer satisfaction on Home Appliances.
3. $\mathrm{H}_{0}$ - There is no significant difference between the Joint Family and Nuclear Family respondents with respect to the Customer Satisfaction on Home Appliances.

## RESEARCH METHODOLOY:

T-test has been conducted to understand the significant between variables.

## HYPOTHESIS 1.

$\mathrm{H}_{0}$ : There is no significant difference between the Male and Female respondents with respect to the Customer Satisfaction on Home Appliances.

TABLE - I GENDER

| VARIABLES | GENDER |  |  |  |  |  | $\begin{gathered} \mathrm{t}- \\ \text { value } \end{gathered}$ | $\begin{gathered} \mathrm{p}- \\ \text { value } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MALE |  |  | FEMALE |  |  |  |  |
|  | N | Mean | SD | N | Mean | SD |  |  |
| Quality of product | 280 | 3.32 | 0.945 | 370 | 3.15 | 1.073 | 2.428 | 0.015 |
| Price of the product | 280 | 3.46 | 0.848 | 370 | 3.29 | 0.865 | 2.772 | 0.006 |
| Workmanship of the product | 280 | 3.54 | 0.875 | 370 | 3.42 | 1.050 | 1.820 | 0.049 |
| Size of the product | 280 | 3.54 | 0.859 | 370 | 3.49 | 0.889 | 0.813 | 0.416 |
| Usage of Updated Technology | 280 | 3.62 | 0.884 | 370 | 3.66 | 0.989 | 0.567 | 0.571 |
| Innovativeness | 280 | 3.55 | 0.916 | 370 | 3.60 | 0.921 | 0.685 | 0.494 |
| Suitability | 280 | 3.60 | 0.937 | 370 | 3.68 | 0.924 | 1.310 | 0.041 |
| Convenient | 280 | 3.64 | 0.860 | 370 | 3.68 | 0.897 | 0.775 | 0.439 |
| Wide variety of products | 280 | 3.80 | 0.933 | 370 | 3.69 | 0.901 | 1.742 | 0.042 |
| Valuable in formation about the product | 280 | 3.62 | 0.945 | 370 | 3.58 | 0.998 | 0.608 | 0.543 |
| Durability | 280 | 3.74 | 0.831 | 370 | 3.71 | 1.041 | 0.469 | 0.639 |
| Environment friendly | 280 | 3.69 | 0.943 | 370 | 3.57 | 1.069 | 1.723 | 0.045 |
| New experience | 280 | 3.71 | 1.005 | 370 | 3.61 | 1.033 | 1.417 | 0.157 |
| Time efficient (saving in time) | 280 | 3.83 | 0.908 | 370 | 3.72 | 1.026 | 1.700 | 0.040 |
| Home delivery service | 280 | 3.82 | 1.032 | 370 | 3.91 | 1.083 | 1.281 | 0.020 |
| Service quality/ Professionalism in services (after sales) | 280 | 3.42 | 1.055 | 370 | 3.24 | 1.169 | 2.403 | 0.016 |
| Value for money | 280 | 3.55 | 0.826 | 370 | 3.43 | 0.897 | 2.035 | 0.042 |
| Warranties | 280 | 3.80 | 0.764 | 370 | 3.55 | 0.893 | 4.359 | 0.000 |
| Trust / Reli ability | 280 | 3.81 | 0.838 | 370 | 3.68 | 0.892 | 2.083 | 0.038 |
| Complaints and Grievances handling | 280 | 3.76 | 0.853 | 370 | 3.69 | 0.933 | 1.187 | 0.236 |
| Customer friendly services | 280 | 3.69 | 0.877 | 370 | 3.63 | 0.896 | 1.012 | 0.312 |
| Design and structure | 280 | 3.64 | 0.866 | 370 | 3.67 | 0.987 | 0.507 | 0.612 |
| Environment of the shops/showrooms (sales outlets) | 280 | 3.72 | 0.891 | 370 | 3.75 | 0.956 | 0.415 | 0.679 |
| Com fortable | 280 | 3.59 | 0.962 | 370 | 3.73 | 0.919 | 2.109 | 0.035 |
| Benefits received | 280 | 3.62 | 0.879 | 370 | 3.59 | 0.937 | 0.419 | 0.675 |
| Maintenance | 280 | 3.66 | 0.839 | 370 | 3.54 | 0.951 | 1.953 | 0.041 |
| Riskless | 280 | 3.68 | 0.878 | 370 | 3.59 | 0.896 | 1.569 | 0.117 |
| Easy availability | 280 | 3.73 | 0.835 | 370 | 3.65 | 0.965 | 1.198 | 0.231 |
| Sales promotion (Discount, Offer, etc.) | 280 | 3.74 | 0.890 | 370 | 3.74 | 0.988 | 0.098 | 0.922 |
| Improvement in social status | 280 | 3.76 | 0.914 | 370 | 3.62 | 1.082 | 2.103 | 0.036 |
| $\begin{aligned} & \hline \text { CUSTOMER } \\ & \text { SATISFACTION } \\ & \hline \end{aligned}$ | 280 | 109.64 | 12.133 | 370 | 107.84 | 14.326 | 1.967 | 0.040 |

Source: Primary Data

An independent-samples t-test was conducted to compare the difference between the Male and Female respondents with respect to the Customer Satisfaction on Home Appliances.

TABLE II - FINDINGS

| VARIABLES | Value | $\begin{gathered} \mathbf{P}- \\ \text { V alue } \end{gathered}$ | Level of significance | RESULT |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Significance | Null Hypothesis |
| Quality of product | 2.428 | 0.015 | 0.05 | Significant | REJECTED |
| Price of the product | 2.772 | 0.006 | 0.01 | Significant | REJECTED |
| Workmanship of the product | 1.820 | 0.049 | 0.05 | Significant | REJECTED |
| Size of the product | 0.813 | 0.416 | 0.05 | Insignificant | ACCEPTED |
| Usage of Updated Technology | 0.567 | 0.571 | 0.05 | Insignificant | ACCEPTED |
| Innovativeness | 0.685 | 0.494 | 0.05 | Insignificant | ACCEPTED |
| Suitability | 1.310 | 0.041 | 0.05 | Significant | REJECTED |
| Convenient | 0.775 | 0.439 | 0.05 | Insignificant | ACCEPTED |
| Wide variety of products | 1.742 | 0.042 | 0.05 | Significant | REJECTED |
| Valuable information about the product | 0.608 | 0.543 | 0.05 | Insignificant | ACCEPTED |
| Durability | 0.469 | 0.639 | 0.05 | Insignificant | ACCEPTED |
| Environment friendly | 1.723 | 0.045 | 0.05 | Significant | REJECTED |
| New experience | 1.417 | 0.157 | 0.05 | Insignificant | ACCEPTED |
| Time efficient (saving in time) | 1.700 | 0.040 | 0.05 | Significant | REJECTED |
| Home delivery service | 1.281 | 0.020 | 0.05 | Significant | REJECTED |
| Service quality/ Professionalism in services (after sales) | 2.403 | 0.016 | 0.05 | Significant | REJECTED |
| Value for money | 2.035 | 0.042 | 0.05 | Significant | REJECTED |
| Warranties | 4.359 | 0.000 | 0.01 | Significant | REJECTED |
| Trust / Reliability | 2.083 | 0.038 | 0.05 | Significant | REJECTED |
| Complaints and Grievances handling | 1.187 | 0.236 | 0.05 | Insignificant | ACCEPTED |
| Customer friendly services | 1.012 | 0.312 | 0.05 | Insignificant | ACCEPTED |
| Design and structure | 0.507 | 0.612 | 0.05 | Insignificant | ACCEPTED |
| Environment of the shops/showrooms (sales outlets) | 0.415 | 0.679 | 0.05 | Insignificant | ACCEPTED |
| Comfortable | 2.109 | 0.035 | 0.05 | Significant | REJECTED |
| Benefits received | 0.419 | 0.675 | 0.05 | Insignificant | ACCEPTED |
| Maintenance | 1.953 | 0.041 | 0.05 | Significant | REJECTED |
| Riskless | 1.569 | 0.117 | 0.05 | Insignificant | ACCEPTED |
| Easy availability | 1.198 | 0.231 | 0.05 | Insignificant | ACCEPTED |
| Sales promotion (Discount, Offer, etc.) | 0.098 | 0.922 | 0.05 | Insignificant | ACCEPTED |
| Improvement in social status | 2.103 | 0.036 | 0.05 | Significant | REJECTED |
| CUSTOMER SATISFACTION | 1.967 | 0.040 | 0.05 | Significant | REJECTED |

As the $P$ value is lesserthan Sig. Value (0.05) in 16 variables including Customer Satisfaction Score, the Null Hypotheses are rejected. The Null hypothesis is accepted in the remaining 15 cases, since the $P$ value is greater than Sig. Value (0.05). Hence, it is concluded that there is a statisticallysignificantdifference between the Male and Female respondents with respect to the Customer Satisfaction on Home Appliances.

From the above table, it is inferred that the mean values of Male respondents ( $\mathrm{M}=109.64$ ) are more than the Female respondents( $\mathrm{M}=107.84$ ). It indicates that the Male respondents have more Satisfaction on Home Appliances than the Female respondents.

## HYPOTHESIS 2.

$\mathrm{H}_{0}$ : There is no significant difference between the Married and Unmarried respondents with respect to
the Customer Satisfaction on Home Appliances.
TABLE III - MARITAL STATUS

| VARIABLES | MARITAL STATUS |  |  |  |  |  | $\begin{gathered} t- \\ \text { value } \end{gathered}$ | $\begin{gathered} \mathbf{p -} \\ \text { value } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MARRIED |  |  | UNMARRIED |  |  |  |  |
|  | N | Mean | SD | N | Mean | SD |  |  |
| Quality of product | 422 | 3.14 | 0.986 | 228 | 3.32 | 1.029 | 2.541 | 0.011 |
| Price of the product | 422 | 3.31 | 0.849 | 228 | 3.43 | 0.866 | 2.096 | 0.036 |
| Workmanship of the product | 422 | 3.33 | 0.988 | 228 | 3.61 | 0.930 | 4.170 | 0.000 |
| Size of the product | 422 | 3.47 | 0.938 | 228 | 3.55 | 0.815 | 1.997 | 0.043 |
| Usage of Updated Technology | 422 | 3.61 | 0.932 | 228 | 3.66 | 0.940 | 0.760 | 0.448 |
| Innovativeness | 422 | 3.45 | 0.959 | 228 | 3.68 | 0.870 | 3.652 | 0.000 |
| Suitability | 422 | 3.52 | 0.911 | 228 | 3.74 | 0.937 | 3.457 | 0.001 |
| Convenient | 422 | 3.62 | 0.837 | 228 | 3.69 | 0.912 | 1.676 | 0.042 |
| Wide variety of products | 422 | 3.69 | 0.941 | 228 | 3.80 | 0.897 | 1.668 | 0.046 |
| Valuable information about the product | 422 | 3.62 | 0.914 | 228 | 3.58 | 1.017 | 0.580 | 0.562 |
| Durability | 422 | 3.69 | 0.937 | 228 | 3.76 | 0.941 | 1.181 | 0.238 |
| Environment friendly | 422 | 3.59 | 1.029 | 228 | 3.66 | 0.989 | 1.073 | 0.284 |
| New experience | 422 | 3.64 | 1.034 | 228 | 3.68 | 1.008 | 0.575 | 0.565 |
| Time efficient (saving in time) | 422 | 3.78 | 0.930 | 228 | 3.77 | 1.001 | 0.117 | 0.907 |
| Home delivery service | 422 | 3.78 | 1.073 | 228 | 3.93 | 1.041 | 1.960 | 0.040 |
| Service quality/ Professionalism in services (after sales) | 422 | 3.39 | 1.076 | 228 | 3.28 | 1.145 | 1.703 | 0.033 |
| Value for money | 422 | 3.60 | 0.770 | 228 | 3.40 | 0.925 | 3.434 | 0.001 |
| Warranties | 422 | 3.74 | 0.785 | 228 | 3.63 | 0.879 | 2.007 | 0.045 |
| Trust / Reliability | 422 | 3.71 | 0.869 | 228 | 3.78 | 0.863 | 2.224 | 0.021 |
| Complaints and Grievances handling | 422 | 3.76 | 0.837 | 228 | 3.70 | 0.938 | 0.998 | 0.319 |
| Customer friendly services | 422 | 3.76 | 0.854 | 228 | 3.57 | 0.905 | 3.240 | 0.001 |
| Design and structure | 422 | 3.65 | 0.938 | 228 | 3.65 | 0.918 | 0.066 | 0.948 |
| Environment of the shops/showrooms (sales outlets) | 422 | 3.75 | 0.938 | 228 | 3.71 | 0.911 | 0.601 | 0.548 |
| Comfortable | 422 | 3.66 | 0.884 | 228 | 3.65 | 0.991 | 0.242 | 0.809 |
| Benefits received | 422 | 3.57 | 0.861 | 228 | 3.63 | 0.945 | 0.966 | 0.334 |
| Maintenance | 422 | 3.61 | 0.893 | 228 | 3.60 | 0.902 | 0.106 | 0.916 |
| Riskless | 422 | 3.53 | 0.899 | 228 | 3.72 | 0.870 | 3.149 | 0.002 |
| Easy availability | 422 | 3.59 | 0.929 | 228 | 3.78 | 0.868 | 3.085 | 0.002 |
| Sales promotion (Discount, Offer, etc.) | 422 | 3.72 | 0.974 | 228 | 3.76 | 0.909 | 0.632 | 0.528 |
| Improvement in social status | 422 | 3.61 | 1.057 | 228 | 3.76 | 0.950 | 2.137 | 0.033 |
| CUSTOMER SATISFACTION | 422 | 107.90 | 13.050 | 228 | 109.48 | 13.431 | 1.739 | 0.044 |

Source: Primary Data

## TABLE IV-INTERPRETATION

An independent-samples t-test was conducted to compare the difference between the Married and Unmarried respondents with respect to the Customer Satisfaction on Home Appliances.

| VARIABLES | $\mathbf{t}-$ <br> Value | $\mathbf{P}$ - <br> Value | Level of <br> significance | Significance | Null <br> Hypothesis |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Quality of product |  | 0.011 | 0.05 | Significant | REJECTED |
| Price of the product | 2.096 | 0.036 | 0.05 | Significant | REJECTED |
| Workmanship of the product | 4.170 | 0.000 | 0.01 | Significant | REJECTED |
| Size of the product | 1.997 | 0.043 | 0.05 | Significant | REJECTED |
| Usage of Updated Technology | 0.760 | 0.448 | 0.05 | Insignificant | ACCEPTED |
| Innovativeness | 3.652 | 0.000 | 0.01 | Significant | REJECTED |
| Suitability | 3.457 | 0.001 | 0.05 | Significant | REJECTED |
| Convenient | 1.676 | 0.042 | 0.05 | Significant | REJECTED |
| Wide variety of products | 1.668 | 0.046 | 0.05 | Significant | REJECTED |
| Valuable information about the <br> product | 0.580 | 0.562 | 0.05 | Insignificant | ACCEPTED |
| Durability | 1.181 | 0.238 | 0.05 | Insignificant | ACCEPTED |
| Environment friendly | 1.073 | 0.284 | 0.05 | Insignificant | ACCEPTED |
| New experience | 0.575 | 0.565 | 0.05 | Insignificant | ACCEPTED |
| Time efficient (saving in time) | 0.117 | 0.907 | 0.05 | Insignificant | ACCEPTED |
| Home delivery service | 1.960 | 0.040 | 0.05 | Significant | REJECTED |
| Service quality/ Professionalism in <br> services (after sales) | 1.703 | 0.033 | 0.05 | Significant | REJECTED |
| Value for money | 3.434 | 0.001 | 0.05 | Significant | REJECTED |
| Warranties | 2.007 | 0.045 | 0.05 | Significant | REJECTED |
| Trust / Reliability | 2.224 | 0.021 | 0.05 | Significant | REJECTED |
| Complaints and Grievances handling | 0.998 | 0.319 | 0.05 | Insignificant | ACCEPTED |
| Customer friendly services | 3.240 | 0.001 | 0.05 | Significant | REJECTED |
| Design and structure | 0.066 | 0.948 | 0.05 | Insignificant | ACCEPTED |
| Environment of the shops/showrooms <br> (sales outlets) | 0.601 | 0.548 | 0.05 | Insignificant | ACCEPTED |
| Comfortable | 0.242 | 0.809 | 0.05 | Insignificant | ACCEPTED |
| Benefits received | 0.966 | 0.334 | 0.05 | Insignificant | ACCEPTED |
| Maintenance | 3.149 | 0.916 | 0.05 | Insignificant | ACCEPTED |
| Riskless | 3.085 | 0.002 | 0.05 | Significant | REJECTED |
| Easy availability | 0.05 | Sigifificant | REJECTED |  |  |
| Sales promotion (Discount, Offer, etc.) | 0.632 | 0.528 | 0.05 | Insignificant | ACCEPTED |
| Improvement in social status | 2.137 | 0.033 | 0.05 | Significant | REJECTED |
| CUSTOMER SATISFACTION | $\mathbf{1 . 7 3 9}$ | $\mathbf{0 . 0 4 4}$ | $\mathbf{0 . 0 5}$ | Significant | REJECTED |
|  |  |  |  |  |  |

As the $P$ value is lesser than Sig. Value (0.05) in 18 variables, including Customer SatisfactionScore, the Null Hypotheses are rejected. The Null hypothesis is accepted in the remaining 13 cases, since the $P$ value is greater than Sig. Value (0.05). Hence, it is concluded that there is statisticallysignificantdifference between the Married and Unmarried respondents with respect to the Customer Satisfaction on Home Appliances.

From the above table, it is inferred that the mean values of Unmarried respondents( $\mathrm{M}=109.48$ ) are more than the Married respondents $(\mathrm{M}=107.90)$. It indicates that the Unmarried respondents have more Satisfaction on Home Appliances than the Married respondents.

## HYPOTHESIS 3.

$\mathrm{H}_{0}$ : There is no significant difference between the Joint Family and Nuclear Family respondents with respect to the Customer Satisfaction on Home Appliances.

## TABLE V - TYPE OF FAMILY

| VARIABLES | TYPE OF FAMILY |  |  |  |  |  | $\begin{gathered} t- \\ \text { value } \end{gathered}$ | $\begin{gathered} \mathbf{p -} \\ \text { value } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | JOINT FAMILY |  |  | NUCLEAR FAMILY |  |  |  |  |
|  | N | Mean | SD | N | Mean | SD |  |  |
| Quality of product | 222 | 3.10 | 1.122 | 428 | 3.35 | 0.906 | 3.534 | 0.000 |
| Price of the product | 222 | 3.31 | 0.901 | 428 | 3.43 | 0.824 | 1.856 | 0.044 |
| Workmanship of the product | 222 | 3.41 | 1.063 | 428 | 3.54 | 0.880 | 1.993 | 0.042 |
| Size of the product | 222 | 3.47 | 0.852 | 428 | 3.55 | 0.889 | 1.327 | 0.185 |
| Usage of Updated Technology | 222 | 3.57 | 0.953 | 428 | 3.70 | 0.920 | 1.975 | 0.049 |
| Innovativeness | 222 | 3.50 | 0.955 | 428 | 3.63 | 0.885 | 2.125 | 0.034 |
| Suitability | 222 | 3.55 | 0.936 | 428 | 3.71 | 0.922 | 2.440 | 0.015 |
| Convenient | 222 | 3.64 | 0.879 | 428 | 3.67 | 0.879 | 0.454 | 0.650 |
| Wide variety of products | 222 | 3.74 | 0.931 | 428 | 3.76 | 0.909 | 0.364 | 0.716 |
| Valuable information about the product | 222 | 3.51 | 1.052 | 428 | 3.66 | 0.899 | 2.179 | 0.030 |
| Durability | 222 | 3.62 | 0.986 | 428 | 3.81 | 0.893 | 2.850 | 0.004 |
| Environment friendly | 222 | 3.46 | 1.025 | 428 | 3.75 | 0.977 | 4.163 | 0.000 |
| New experience | 222 | 3.59 | 1.037 | 428 | 3.71 | 1.003 | 1.666 | 0.046 |
| Time efficient (saving in time) | 222 | 3.81 | 0.938 | 428 | 3.75 | 0.992 | 0.977 | 0.329 |
| Home delivery service | 222 | 3.77 | 1.058 | 428 | 3.93 | 1.053 | 2.138 | 0.033 |
| Service quality/ <br> Professionalism in services <br> (after sales) | 222 | 3.26 | 1.200 | 428 | 3.38 | 1.043 | 1.579 | 0.115 |
| Value for money | 222 | 3.42 | 0.905 | 428 | 3.54 | 0.826 | 1.991 | 0.047 |
| Warranties | 222 | 3.66 | 0.862 | 428 | 3.69 | 0.820 | 0.459 | 0.646 |
| Trust / Reliability | 222 | 3.64 | 0.944 | 428 | 3.83 | 0.793 | 2.980 | 0.003 |
| Complaints and Grievances handling | 222 | 3.72 | 0.900 | 428 | 3.73 | 0.889 | 0.165 | 0.869 |
| Customer friendly services | 222 | 3.62 | 0.947 | 428 | 3.68 | 0.837 | 0.990 | 0.322 |
| Design and structure | 222 | 3.56 | 0.964 | 428 | 3.72 | 0.891 | 2.458 | 0.014 |
| Environment of the shops/showrooms (sales outlets) | 222 | 3.72 | 0.934 | 428 | 3.74 | 0.915 | 0.206 | 0.837 |
| Comfortable | 222 | 3.57 | 1.013 | 428 | 3.72 | 0.882 | 2.231 | 0.026 |
| Benefits received | 222 | 3.57 | 0.905 | 428 | 3.63 | 0.909 | 0.895 | 0.371 |
| Maintenance | 222 | 3.58 | 0.887 | 428 | 3.63 | 0.905 | 0.753 | 0.452 |
| Riskless | 222 | 3.59 | 0.892 | 428 | 3.67 | 0.884 | 1.329 | 0.184 |
| Easy availability | 222 | 3.64 | 0.956 | 428 | 3.73 | 0.856 | 1.360 | 0.174 |
| Sales promotion (Discount, Offer, etc.) | 222 | 3.63 | 1.075 | 428 | 3.83 | 0.809 | 2.956 | 0.003 |
| Improvement in social status | 222 | 3.64 | 0.978 | 428 | 3.73 | 1.020 | 1.307 | 0.192 |
| CUSTOMER <br> SATISFACTION | 222 | 106.90 | 14.129 | 428 | 110.19 | 12.402 | 3.542 | 0.000 |

## Source: Primary Data

An independent-samples t-test was conducted to compare the difference between the Joint
family and Nuclear family respondents with respect to the Customer Satisfaction on Home Appliances.
TABLE VI - INTERPRETATION

| VARIABLES | t - <br> Value | P- <br> Value | Level of <br> significance | Rignificance |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Null <br> Hypothesis |  |  |
| Quality of product | 3.534 | 0.000 | 0.01 | Significant | REJECTED |
| Price of the product | 1.856 | 0.044 | 0.05 | Insignificant | REJECTED |
| Workmanship of the product | 1.993 | 0.042 | 0.05 | Insignificant | REJECTED |
| Size of the product | 1.327 | 0.185 | 0.05 | Insignificant | ACCEPTED |
| Usage of Updated Technology | 1.975 | 0.049 | 0.05 | Significant | REJECTED |
| Innovativeness | 2.125 | 0.034 | 0.05 | Significant | REJECTED |
| Suitability | 2.440 | 0.015 | 0.05 | Significant | REJECTED |
| Convenient | 0.454 | 0.650 | 0.05 | Insignificant | ACCEPTED |
| Wide variety of products | 0.364 | 0.716 | 0.05 | Insignificant | ACCEPTED |
| Valuable information about the <br> product | 2.179 | 0.030 | 0.05 | Significant | REJECTED |
| Durability | 2.850 | 0.004 | 0.05 | Significant | REJECTED |
| Environment friendly | 4.163 | 0.000 | 0.01 | Significant | REJECTED |
| New experience | 1.666 | 0.046 | 0.05 | Insignificant | REJECTED |
| Time efficient (saving in time) | 0.977 | 0.329 | 0.05 | Insignificant | ACCEPTED |
| Home delivery service | 2.138 | 0.033 | 0.05 | Significant | REJECTED |
| Service quality/ Professionalism in <br> services (after sales) | 1.579 | 0.115 | 0.05 | Insignificant | ACCEPTED |
| Value for money | 1.991 | 0.047 | 0.05 | Significant | REJECTED |
| Warranties | 0.459 | 0.646 | 0.05 | Insignificant | ACCEPTED |
| Trust / Reliability | 2.980 | 0.003 | 0.05 | Significant | REJECTED |
| Complaints and Grievances handling | 0.165 | 0.869 | 0.05 | Insignificant | ACCEPTED |
| Customer friendly services | 0.990 | 0.322 | 0.05 | Insignificant | ACCEPTED |
| Design and structure | 2.458 | 0.014 | 0.05 | Significant | REJECTED |
| Environment of the shops/showrooms <br> (sales outlets) | 0.206 | 0.837 | 0.05 | Insignificant | ACCEPTED |
| Comfortable | 2.231 | 0.026 | 0.05 | Significant | REJECTED |
| Benefits received | 0.895 | 0.371 | 0.05 | Insignificant | ACCEPTED |
| Maintenance | 0.753 | 0.452 | 0.05 | Insignificant | ACCEPTED |
| Riskless | 1.329 | 0.184 | 0.05 | Insignificant | ACCEPTED |
| Easy availability | 1.360 | 0.174 | 0.05 | Insignificant | ACCEPTED |
| Sales promotion (Discount, Offer, etc.) | 2.956 | 0.003 | 0.05 | Significant | REJECTED |
| Improvement in social status | 1.307 | 0.192 | 0.05 | Insignificant | ACCEPTED |
| CUSTOMER SATISFACTION | $\mathbf{3 . 5 4 2}$ | $\mathbf{0 . 0 0 0}$ | $\mathbf{0 . 0 1}$ | Significant | REJECTED |

As the $P$ value is lesser than Sig. Value ( 0.05 and 0.01 ) in 17 variables, including Customer Satisfaction Score, the Null Hypotheses are rejected. The Null hypothesis is accepted in the remaining 14 cases the Null hypothesis is accepted, since the $P$ value is greater than Sig. Value (0.05). Hence, it is concluded that there is a statistically significant difference between the Joint family and Nuclear family respondents with respect to the Customer Satisfaction on Home Appliances.

From the above table, it is inferred that the mean values of Nuclear family respondents $(M=110.19)$ are more than the Joint family respondents ( $M=106.90$ ).

## FINDINGS OF THE STUDY:

1.There is a significant difference between the Male and Female respondents with respect to the Customer Satisfaction on Home Appliances. The mean values of Male respondents ( $M=109.64$ ) are more than the Female respondents $(\mathrm{M}=107.84)$. It indicates that the Male respondents have more Satisfaction on Home Appliances than the Female respondents.

Time efficient (saving in time) (3.83), Home delivery service (3.82) and Trust / Reliability (3.81) are the top three product attributes that are satisfied by male respondents. Home delivery service (3.91), Environment of the shops/showrooms (sales outlets) (3.75) and Sales promotion (Discount, Offer, etc.) (3.74) are the top three product attributes that are satisfied by female respondents.
2. There is a significant difference between the Married and Unmarried respondents with respect to the Customer Satisfaction on Home Appliances. The mean values of Unmarried respondents ( $\mathrm{M}=109.48$ ) are more than the Married respondents ( $\mathrm{M}=107.90$ ). It indicates that the Unmarried respondents have more Satisfaction on Home Appliances than the Married respondents. Time efficient (saving in time) / Home delivery service (3.78), Complaints and Grievances handling / Customer friendly services (3.76) and Environment of the shops/showrooms (sales outlets) (3.75) are the top three product attributes that are satisfied by married respondents. Home delivery service (3.93), Wide variety of products (3.80) and Trust / Reliability / Easy availability (3.78) are the top three products attributes that are satisfied by Unmarried respondents.
3. There is a significant difference between the Joint family respondents and Nuclear family respondents with respect to the Customer Satisfaction on Home Appliances.The mean values of Nuclear family respondents( $\mathrm{M}=110.19$ ) are more than the Joint family respondents ( $\mathrm{M}=106.90$ ). It indicates that the Nuclear family respondents have more Satisfaction on Home Appliances than the Joint family respondents.Time efficient (saving in time) (3.81), Home delivery service (3.77), and Wide variety of products (3.74) are the top three product attributes that are satisfied by Joint family respondents.Home delivery service (3.93), Trust / Reliability / Sales promotion (Discount, Offer, etc.) (3.83) and Durability (3.81) are the top three products attributes that are satisfied by Nuclear family respondents.

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