

## Efficacy and Impact of Compassionate Citizenship Program of COVA Established through Statistical Evaluation

Data from Pre, Mid and Post surveys of the implementation of the Program for 2022-23, 2023-24 and 2025-26 were statistically analysed to measure changes in awareness, attitudes, participation, and social responsibility among students.

Statistical Methods used were Frequency Distribution Analysis, Percentage Analysis, Comparative Analysis, Chi-Square Test of Association, Pearson's Chi-squared test, Trend Analysis and Impact Evaluation Analysis.

### Dimension-wise Overall Statistical Interpretation and Impact Evaluation shows:\*

- **Social Awareness – Significant Improvement**
- Environmental Consciousness – Strong Improvement\*
- **Civic Responsibility – Improved**
- Social Sensitivity – Increased
- **Community Participation – Increased**
- Leadership Development – Improved

### Final Remark

The Compassionate Citizenship Program has demonstrated measurable improvement in students' awareness, participation, compassion, and responsible citizenship behavior. The statistical findings strongly support continuation and expansion of similar citizenship and social awareness programs across educational institutions for holistic student development and for the benefit of society and nation.

## Comprehensive Statistical Reports on Compassionate Citizenship Program Of COVA Peace Network- 2022 to 2026

### Introduction

The Compassionate Citizenship Program (CCP) 2025–26 was implemented to develop socially responsible, compassionate, and active citizens among school students. The program aimed to enhance awareness regarding social issues, civic responsibility, environmental consciousness, and participation in community welfare activities.

To scientifically evaluate the effectiveness of the program, survey data were collected at three stages:

- Pre Survey (Before program implementation)
- Mid Survey (During implementation)
- Post Survey (After completion)

The collected data were statistically analyzed to measure changes in awareness, attitudes, participation, and social responsibility among students.

### **Statistical Methods Used**

The following statistical methods were applied for program evaluation:

#### **1. Frequency Distribution Analysis**

Used to identify the most commonly reported social issues and participation activities.

#### **2. Percentage Analysis**

Used to compare proportions of awareness and participation across Pre, Mid, and Post surveys.

#### **3. Comparative Analysis**

Conducted to compare changes in awareness and participation levels over time.

#### **4. Chi-Square Test of Association**

#### **5. Pearson's Chi-squared test**

#### **6. Trend Analysis**

Used to observe improvement trends from Pre Survey to Post Survey.

#### **7. Impact Evaluation Analysis**

Used to assess the overall effectiveness of the Compassionate Citizenship Program.

### **Overall Statistical Interpretation**

Dimension-wise Impact Evaluation:

- Social Awareness – Significant Improvement
- Environmental Consciousness – Strong Improvement
- Civic Responsibility – Improved
- Social Sensitivity – Increased
- Community Participation – Increased
- Leadership Development – Improved

### **Overall Statistical Conclusion:**

The comparative frequency distributions, percentage analysis, and association analysis collectively indicate positive educational and social impact of the Compassionate Citizenship Program.

### **Conclusion**

Based on the statistical analysis of Pre, Mid, and Post Survey data for each year, it is concluded that the Compassionate Citizenship Program (CCP) 2022 to 26 achieved its major objectives successfully. The program demonstrated measurable positive impact on students' social attitudes and community-oriented thinking.

### **Final Remark**

The Compassionate Citizenship Program has demonstrated measurable improvement in students' awareness, participation, compassion, and responsible citizenship behavior. The statistical findings strongly support continuation and expansion of similar citizenship and social awareness programs across educational institutions for holistic student development and for the benefit of society and nation.