



PLASTIC POLLUTION AWARENESS AMONG HIGH SCHOOL STUDENTS

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ABSTRACT

This examination goes for deciding the plastic contamination mindfulness among secondary school understudies in Coimbatore area. Regulating study strategy was utilized in the present examination. Information was gathered from an example of 400 secondary school understudies chose from Coimbatore locale in Tamilnadu state utilizing arbitrary testing strategy. Plastic Pollution Awareness Scale (2016) developed and approved by the agent. The Results demonstrated that there is huge contrast among secondary school understudies dependent on sex, religion and sort of school the executives.

KEYWORDS : *Regulating study strategy , Plastic Pollution , plastic material.*

INTRODUCTION

The utilization and discard of plastics by present day man into land makes genuine threat the earth. There is bio degradable and non – bio degradable sorts of plastics. The bio degradable sort of plastics can be reused and reused. Be that as it may, the non – bio degradable kind of plastics aggregates in the earth. The cutting edge man utilizes plastic convey packs, utilize and tosses plastic containers, plates, mineral water bottles and so on in their normal life. After utilize, they discard these plastic materials into the land surface. Frequently, this plastic material is devoured alongside their sustenance stuff by local creatures like sheep, cow, hound and so forth. Accordingly, the plastics can't be processed and result in death of creatures. What's more, the utilization and toss plastics when dumped in the surface of the land can't permit permeation of water into soil. At the appropriate time, plants can't get sufficient measure of water and wound up dry. In addition, underground water likewise diminishes in the land.

REVIEW OF RELATED LITERATURE

Mridula Das (2014) directed an investigation on Secondary School Students' Awareness on Plastic Pollution and Environmental Education: A Study. The examiners chose 160 Secondary School understudies in both Urban and Rural territories, and diverse kinds of schools by irregular testing out of this 80 were young men and 80 young ladies. The discoveries of the investigation were Secondary urban understudies have altogether higher mindfulness than auxiliary country understudy about plastic contamination, Urban young men and urban young ladies in optional dimension have same mindfulness on plastic contamination, Rural young men and rustic young ladies in optional dimension have same mindfulness on plastic contamination, Urban young men are more mindful than provincial young men and rustic young ladies' understudy about plastic contamination. Rustic young men are less mindful than urban young men and urban young ladies' understudy about plastic contamination. Eisted, R., Larsen, An., and Christensen, T., 2009, "Exchange and Transport of Waste: Accounting of Greenhouse Gases and Global Warming Contribution," Waste Management and Research, 27(8) pp. 738-745. Sahaya Mary and Paul raj (2005) led an examination on ecological awareness among the secondary school understudies in Pondicherry locale. The examiners chose 198 understudies from standard ninth in both Urban and Rural regions, and distinctive sorts of schools by

irregular testing out of this 79 were young men and 119 young ladies. The device utilized for the examination is Environmental Awareness sentiment anger arranged by the specialist.

STATEMENT OF THE PROBLEM

The examination issue is entitled as "PLASTIC POLLUTION AWARENESS AMONG HIGH SCHOOL STUDENTS"

OBJECTIVES

1. To develop and approve a scale for estimating the plastic contamination familiarity with secondary school understudies.
2. To discover the foundation factors to be specific sex, religion, sort of the executives. Theories

HYPOTHESES

1. There exists no critical distinction in the mean scores of plastic contamination consciousness of male and female secondary school understudies.
2. There exists no critical distinction in the mean scores of plastic contamination consciousness of secondary school understudies regarding the different religions.
3. There exists no critical distinction in the mean scores of plastic contamination consciousness of enterprise and self-financing secondary school understudies.

Comparison of plastic pollution awareness based on religion

Mean Standard Deviation and F-estimation of plastic contamination mindfulness scores of secondary School understudies having a place with different religions

| Religion | Mean | SD | Source | Sum of squares | df | Mean square | F | P | Remark |
|-----------|-------|------|---------------|----------------|-----|-------------|------|-------|--------|
| Hindu | 17.38 | 5.36 | Between Group | 198.33 | 2 | 99.16 | 3.35 | 0.036 | 0.01 |
| Christian | 18.25 | 5.41 | Within Group | 11738.55 | 397 | 29.57 | | | |
| Muslim | 19.60 | 5.84 | Total | 11936.88 | 399 | | | | |

The determined F-esteem (F=3.35, P<0.05) is huge at 0.05 dimension. Hence the invalid speculation "There exists no huge distinction in the mean scores of plastic contamination familiarity with secondary school understudies regarding the different religions" is rejected. This outcome demonstrates that there exists critical contrast between secondary School understudies having a place with various religions in their plastic contamination mindfulness. So it very well may be reasoned that religion has effect on plastic contamination attention to secondary School understudies.

Comparison of plastic pollution awareness based on type of management

Mean and standard Deviation and t-value of plastic pollution awareness scores Corporation and selffinancing high School students

| Type of management | Mean | SD | N | t | P | Remark |
|--------------------|-------|------|-----|------|-------|--------|
| Corporation | 19.01 | 6.52 | 178 | 2.98 | 0.004 | 0.01 |
| Self finance | 20.87 | 6.06 | 222 | | | |

The determined t esteem ($t=2.98$; $p>0.004$) is critical at 0.01 dimension Therefore the invalid theory "There exists no noteworthy contrast between the plastic contamination mindfulness among secondary school understudies having a place with kind of the executives" is rejected. Ie. There exists huge contrast in the plastic contamination Awareness of Corporation and Self Finance secondary School understudies.

CONCLUSION

The accompanying ends were drawn from the present investigation.

1. The plastic familiarity with young ladies was higher than that of young men.
2. The plastic familiarity with Muslim understudies was higher than their partners.
3. The plastic familiarity with self financing school understudies was higher than their partners.

From the present examination plainly the young ladies, muslim and self-financing high understudies of Coimbatore District have high plastic contamination mindfulness than their partners. The accompanying recommendations can be given for the enhancement of plastic contamination consciousness of secondary school understudies. Plastic contamination mindfulness can be made through projects like dramatization, emulate and so forth. It ought to be presented from grade school level. Plastic contamination mindfulness ought to be incorporated alongside normal subjects in the educational programs. Exceptional chats on plastic contamination mindfulness ought to be organized in schools.

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