

Survey Study Among the Students on the Environmental Awareness and Their Perspective on Forest Conservation

Mrs. Seema Naik*

*Assistant Professor (Botany) Govt. Girls College, Barwani (M.P.) INDIA

Introduction - Forests are supporting to life on Earth, playing a key role in maintaining ecological balance by producing oxygen, sequestering carbon, and conserving biodiversity. They are essential for regulating climate, supporting livelihoods, and providing living place for countless species (FAO, 2020). However, forests globally are under threat from deforestation, urbanization, and climate change, leading to harsh environmental consequences, including, soil erosion, habitat loss and global warming (WWF, 2021). In our study area forest is alifeline of tribal people because it is not only provide shelter to them but it is also a source of food, fiber, medicine, wood, and source of income. So we can say that Forest is the most valuable natural resources on the earth. So that to know the awareness toward the forest , we conduc asurvey among the the student on 21 march world forest day. Because students, are the future of tomorrow, and could be play a significant role in maintaining a culture of environmental conservation. Their knowledge, willingness and attitude toward forest conservation are key to ensuring sustainable forest management (Smith et al., 2019). Hence survey conducted among the students. Objective of this study, to know the awareness level of students about the forest conservation and its importance.

Keywords- Forest, awareness, student, degradation, conservation.

Objective: Survey study among the students on the environmental awareness and their perspective on forest conservation

Methodology : The survey conducted on 21 marches "world forest day" among the graduate students of arts and science. Total 190 responses collected. In these study Questionnaire prepared by Google form to obtain information. And responses of the sample population were analysis to find out the awareness level of college going student. The questionnaire contain two part, first part is related with the information of respondent, and second section is having 10 close ended question related with forest related awareness. Questions are degine in such a manner

that the student of graduation will be able to answer them. And it is prepare in a Hindi language for better understanding. The responses of a students indicate the general awareness toward the forest resources. Survey conducted through the online.

All participants were fully informed about the study requirement and were required to accept the data sharing and private policy before, participant in the study. The data were collected and tabulated.

Result and Discussion: In the survey first we categorise student in two part arts and science. 82.6% students know the definaton of forest. They were aware about the forest area. And 83.7% student knows the importance of forest in their life and in the environment.

Students also know the vegetation type of the local area.73.7% student know that teak tree is the dominant tree in the Madhya Pradesh vegetation.74.2% student aware about the different environmental condition determine the different type of vegetation pattern. 88.4% students know the largest area of forest is found in madhya pradesh. which indicate the knowledge about the forest. Only 2% sample population does not aware about the forest area. But students are not enough aware about the conservation of forest only 67.2% student know about the forest policy. 32.8% student does not know about the forest policy Generally people not aware about the act and policy of the forest conservation Biljana et al 2011 also observed that the Average Forest Rights Act knowledge was low in their sample population. And only 69.1% student knows about the forest conservation act.

But 74.7% students know about the forest management institute. And 64.6% students know about the forest research center. 42.6% student know about the initiator of the world forest day and why is it important.

Result indicate that the maximum student approximate 80 to 90% sample population aware about the forest and its importance ,very few 10 to 20 % student having less awareness about the forest resources. 50 to 60% sample population are also aware about the conservation practices

of forest resources. But 30 to 40% sample population are not aware about the conservational practices and its importance (table. 1) While In USA people aware about the conservational practices in early 19 and 20 century (Pawar and Rothkar, 2015) Following table indicate the awareness percentage of the population.

Table 1 : Awareness percentage of students toward the environment

S.	No. of respondent	Obtain marks	Awareness percentage (%)
1	1	2	10
2	2	4	20
3	10	6	30
4	15	8	40
5	20	10	50
6	19	12	60
7	23	14	70
8	31	16	80
9	41	18	90
10	28	20	100

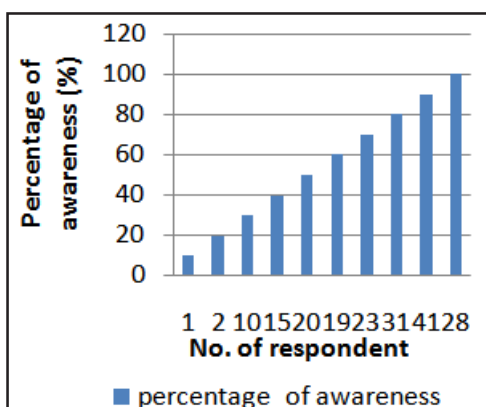


Figure 1 : Graphical representation of respondent awareness

64.73% student of total sample population having the 70% and more awareness toward the forest natural resources. 28.42% students of sample population having the medium knowledge about the forest natural resources only 6.84% student of the total sample population having very less awareness toward the forest natural resources. so we can categorise the total sample population in following rank in order to their percentage awareness.

Table 2 : Ranking of respondent on the basis of awareness level

S.	No. of Participant	Percentage awareness Range (%)	Rank
1	13	0 to 30	low
2	54	40 to 60	medium
3	95	70 to 90	high
4	28	100	very high

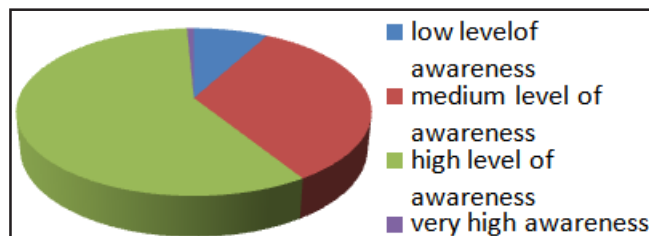


Figure 2 : Level of awareness among the respondent

Conclusion: Concluded the study that students were aware about the environment, they know the basic information of their surrounding, because in the graduation a paper environmental education taught them which play a significant role in motivating student to adopt environment-friendly practices. So we can say environmental education sensitize the student toward the environment. But students having a very low knowledge about the conservation practices. So that students empowering with indigenous knowledge, traditional conservational practices of natural resources to generation of environmental aptitude. Because their perspective and awareness helpful to maintenance the ecological balance and contribute to solution for natural resources. Today's need is to conserve the indigenous knowledge, and traditional environmental friendly cultural activity. In which our local community will be play a significant role with the forester to conserve the forest.

References:-

1. FAO. (2020). Global Forest Resources Assessment 2020: Main Report. Food and Agriculture Organization of the United Nations., www.fao.org
2. Smith, J., Brown, L., & Green, R. (2019). Youth and Environmental Conservation: A Global Perspective, *Environmental Education Journal*, 35(2), 45-60.
3. WWF. (2021). Deforestation and Forest Degradation. *World Wildlife Fund*, www.worldwildlife.org
4. Pawar K.V., & Rothkar R.V. (2025), Forest conservation & environmental awareness, *Procedia Earthand Planetary Science*, 11.212-215
