



Awareness and Adoption of Personal Hygiene and Sanitation Practices in Rural Households

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Personal hygiene and sanitation are fundamental components of a healthy lifestyle and play an important role in preventing infectious diseases. Personal hygiene includes regular handwashing with soap, daily bathing, oral hygiene, nail care, wearing clean clothes and maintaining food hygiene. Sanitation refers to the safe disposal of human waste, proper waste management, access to safe drinking water and maintaining a clean environment. Although considerable progress has been made in rural sanitation through government programmes, several rural households still experience challenges related to safe drinking water, waste disposal and consistent hygiene practices. Awareness alone is not sufficient to bring about behavioural change; regular adoption of healthy practices is equally important. Educational institutions, health workers, self-help groups and the National Service Scheme (NSS) play an important role in motivating communities to adopt healthy habits.

Importance of Personal Hygiene and Sanitation

Good personal hygiene and sanitation provide several benefits:

- Prevent the spread of communicable diseases.
- Improve physical health and overall well-being.
- Reduce healthcare expenditure.
- Improve school attendance and work productivity.
- Promote a clean and healthy environment.
- Enhance the quality of life in rural communities.

Awareness and Adoption among Rural Households

Awareness refers to the knowledge and understanding of hygienic and sanitation practices, while adoption refers to the regular implementation of these practices in daily life. Rural households with better awareness are generally more likely to adopt healthy behaviours such as regular handwashing, proper toilet use, safe drinking water storage, household cleanliness and scientific waste disposal. However, the adoption of these practices is influenced by several factors, including education, family income, occupation, availability of sanitation facilities, cultural beliefs and access to health education programmes.

Role of National Service Scheme (NSS)

The National Service Scheme (NSS) plays a significant role in promoting hygiene and sanitation awareness in rural areas. NSS volunteers organize cleanliness drives, health awareness rallies, door-to-door campaigns, street plays, village meetings and educational programmes to motivate rural families towards healthy practices. Such activities encourage community participation and strengthen the implementation of government sanitation programmes.

Government Initiatives

The Government of India has implemented several programmes to improve hygiene and sanitation in rural areas, including:

- Swachh Bharat Mission (Gramin)
- Jal Jeevan Mission
- National Health Mission (NHM)
- Integrated Child Development Services (ICDS)
- Poshan Abhiyaan

These initiatives have improved access to household toilets, safe drinking water, hygiene education and behavioural change communication.

Challenges

Despite notable improvements, several challenges remain:

- Limited awareness among some households.
- Inconsistent handwashing practices.
- Improper solid and liquid waste management.
- Unsafe storage of drinking water.
- Poor maintenance and occasional non-use of toilets.
- Financial and infrastructural constraints.
- Social and cultural barriers to behavioural change.

Recommendations

- Conduct regular hygiene awareness programmes through NSS.
- Strengthen school and community health education.
- Promote handwashing with soap at critical times.
- Encourage scientific solid and liquid waste management.
- Improve access to safe drinking water.
- Increase community participation in village cleanliness campaigns.
- Strengthen collaboration among Panchayats, ASHA workers, Anganwadi workers and educational institutions.

Conclusion

Personal hygiene and sanitation are essential for achieving healthy and sustainable rural development. Although awareness has improved through government initiatives and community-based programmes, consistent adoption of healthy hygiene practices remains a challenge in many rural areas. The active involvement of the National Service Scheme, local institutions, health workers and community members can significantly improve hygiene behaviour and environmental sanitation. Continuous awareness campaigns, community participation and effective implementation of government programmes will contribute to healthier rural households and support the achievement of Sustainable Development Goals related to health, clean water, and sanitation.

References

1. Kuberan, A., Singh, A. K., Kasav, J. B., Prasad, S., Surapaneni, K. M., Upadhyay, V., & Joshi, A. (2015). Water and sanitation hygiene knowledge, attitude, and practices among household members living in rural setting of India. *Journal of Natural Science, Biology and Medicine*, 6(Suppl. 1), S69-S74.
2. Rah, J. H., Cronin, A. A., Badgaiyan, B., Aguayo, V. M., Coates, S., & Ahmed, S. (2015). Household sanitation and personal hygiene practices are associated with child stunting in rural India: A cross-sectional analysis of surveys. *BMJ Open*, 5(2), e005180.
3. World Health Organization. (2024). *Hygiene*. Geneva: WHO.
4. UNICEF & World Health Organization. (2023). *Progress on household drinking water, sanitation and hygiene 2000-2022*. New York: UNICEF.
5. Ministry of Jal Shakti. (2024). *Swachh Bharat Mission (Gramin) Phase II: Operational Guidelines*. Government of India.