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EDUCATION**

*Edited by DR. HARISH KUMAR YADAV*

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# Exploring Digital Humanities

Challenges and Opportunities

Editors

Dr. Sanjay Prasad Pandey  
Dr. Sudhir Narayan Singh  
Dr. Raman Kumar



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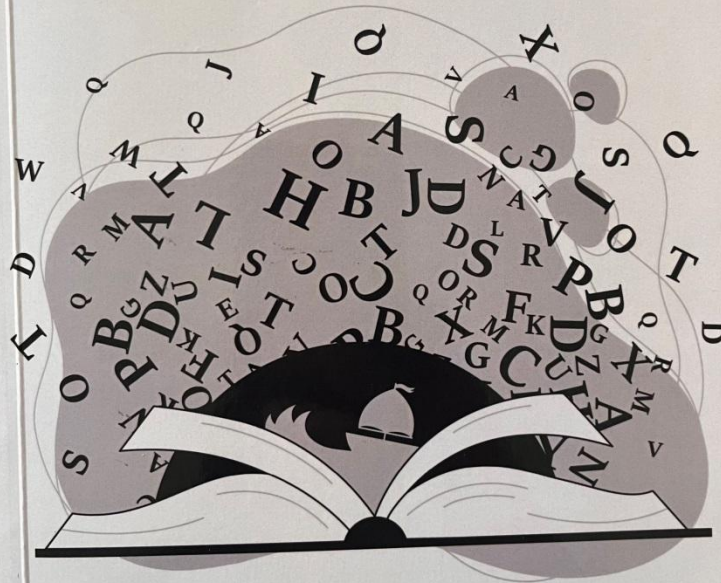
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**Environment  
&  
Indian Folk Culture  
During Covid-19 Pandemic**

Editors :

**Dr. Meena Kumari**  
**Dr. Dayanand Gautam**



# Hand Hygiene during Global COVID-19 Pandemic: Soap and Alcohol Based Hand Sanitizer

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## **Abstract.**

The rate of COVID-19 infection escalating drastically across the world and no potential vaccine is yet developed against coronavirus. The most significant approach to lessen the chances of COVID-19 infection is proper hand hygiene. As specified by WHO, regularly washing hands with soap and water and the use of alcohol-based hand sanitizers minimize the chances of coronavirus infection. Different types of alcohol-based hand sanitizers are available in the market primarily made up of some combination of ethanol and isopropyl alcohols. Hand sanitizers containing 60-95% of alcohol content have the ability to denature the proteins of microorganisms and inactivate the viruses. It is reported that the excessive use of alcohol-based sanitizers is expected to generate numerous health problems. The over usage of hand sanitizers has resulted in an increased probability of antimicrobial resistance that consequently leads to other viral diseases. Keeping in view the adverse effects of these alcohol-based products on our environment, scien-



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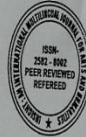
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