

Challenges and Opportunities of Promoting Digital Media Literacy in Rural India

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Abstract: India is a country of vast diversity, with a large portion of its population residing in rural areas. However, despite the rapid growth of the technology sector, a digital divide persists between urban and rural communities. This divide limits the opportunities for rural residents to access essential services, engage in economic activities, and participate fully in the digital economy. Bridging this divide is crucial to achieving equitable development and improving the quality of life for rural communities. Digital literacy, the ability to use technology effectively and safely, is a critical component in bridging this divide. In rural India, where access to technology is limited, digital literacy is even more crucial. It enables rural residents to access essential services, such as healthcare, education, and financial services, and engage in economic activities that were previously unavailable to them. However, promoting digital literacy in rural areas is not without its challenges. Rural communities face significant barriers to accessing and using technology, including inadequate infrastructure, low levels of awareness and skills, and limited access to resources. Overcoming these challenges requires a concerted effort from the government, private sector, and civil society. This paper aims to provide a comprehensive overview of digital literacy in rural India, highlighting the challenges, benefits, and potential solutions for bridging the divide between traditional communities and modern technology. By promoting digital literacy, we can empower rural communities and help to create a more inclusive and prosperous society for all. This article explores the critical role of digital literacy in rural India's socio-economic development. Despite the challenges of inadequate infrastructure, low awareness, and limited resources, digital literacy can bridge the digital divide, enabling access to essential services and economic opportunities. The paper discusses government, private sector, and civil society initiatives to promote digital literacy and suggests strategies for overcoming existing barriers.

Keywords: Digital Literacy, Rural India, Challenges, Inadequate Infrastructure, Potential Solutions

1. Introduction

India is an agrarian country inhabited by people who depend on agriculture and agro based industry. Most of the labors depend heavily on farming sector. It is also a fact that India is the leading country so far as population in the world is concerned. Most of the population is poor and illiterate. They may possess mobile phones but there is apparent lack of Media Literacy among them. The diversity of language, culture, religion and customs makes it difficult to impart

MIL among rural people. It is rather difficult to inculcate Media Literacy among those people who find it hard to make both ends of their life meet. This stands true about poor urban population waging a war against poverty. Digital literacy refers to the ability to use technology effectively and safely. It has become an essential skill in today's world, enabling individuals to access information, connect with others, and engage in economic activities. However, in rural India, where access to technology is limited, digital literacy is even more crucial.



Source: <https://thewire.in/government/rural-india-lockdown-impact-survey>

According to a report by the Internet and Mobile Association of India (IAMAI), the internet penetration rate in rural India was only 29% in 2020, compared to 63% in

urban areas. This disparity highlights the challenges faced by rural communities in accessing and using technology.

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Lack of access to technology infrastructure, such as electricity and internet connectivity, is a significant barrier to digital literacy in rural areas. Many rural areas in India are still without reliable electricity, which makes it challenging to access technology that requires electricity to operate. In addition, internet connectivity is limited, unreliable, and expensive in many rural areas. This limits the ability of rural residents to access online services and information.

Another significant challenge faced by rural communities is a lack of awareness and skills in using technology. Many people in rural areas are not familiar with digital devices such as smart phones, laptops, or tablets. Moreover, the lack of technical education in schools and colleges in rural areas leaves many people without the necessary skills to use digital technology effectively.

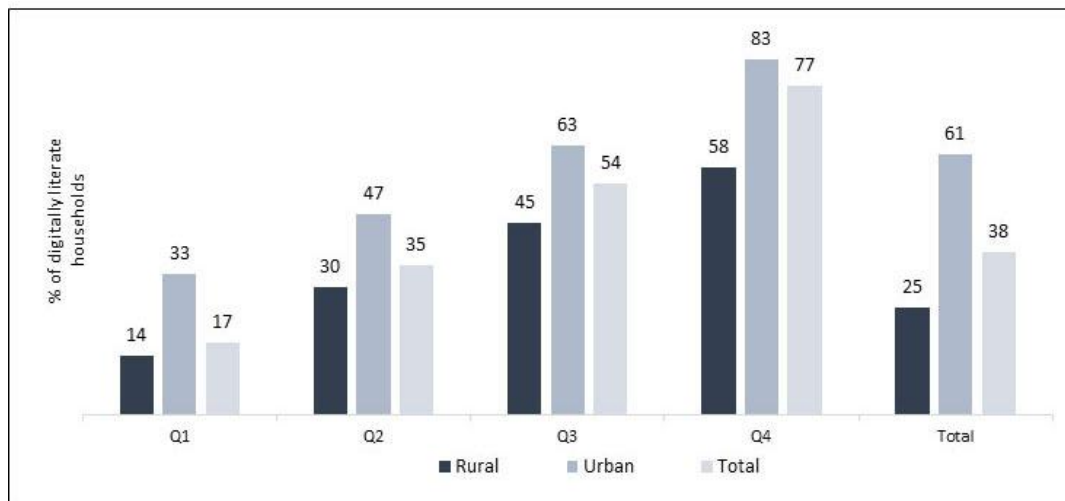
Limited access to resources such as digital devices, software, and online platforms is also a significant barrier to digital literacy in rural areas. The cost of digital devices and

internet connectivity can be prohibitive for many rural residents, making it difficult to access and use technology.

To sum up, digital literacy is crucial in bridging the divide between traditional communities and modern technology in rural India. However, rural communities face significant challenges in accessing and using technology, including inadequate infrastructure, low levels of awareness and skills, and limited access to resources. Overcoming these challenges is essential to promoting digital literacy and enabling rural communities to participate fully in the digital economy.

2. Methodology

This article employs a literature review methodology, drawing on various sources including government reports, academic articles, and online resources to provide a comprehensive overview of digital literacy in rural India.



Source: <https://rqstz.axegrinder.top/eyes-robot/?pl=U8DXgIe3mUaLKra-edbTIw&sm=eyes-robot&hash=WFSa8oqmNTGkh8HcWPAUtg&exp=1687709222>

Initiatives to Promote Digital Literacy in Rural India -

To bridge the digital divide in rural India, several initiatives have been launched by the government, private sector, and civil society. These initiatives aim to promote digital literacy, improve access to technology, and empower rural communities.

- Digital India Program: The Digital India Program is a flagship initiative of the Indian government aimed at transforming India into a digitally empowered society and knowledge economy. The program includes

initiatives such as the BharatNet project, which aims to provide high-speed internet connectivity to rural areas, and the Common Service Centres (CSCs), which provide access to a range of digital services.

- Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA): PMGDISHA is a government scheme aimed at providing digital literacy to rural households in India. The scheme provides training to individuals on the use of digital devices and applications, including digital payments, email, and social media.



Source: <https://www.pradhanmantri-yojna.com/pmgdisha-centre-registration/>

- Village Level Entrepreneurship (VLE) Program: The Village Level Entrepreneurship Program is a government initiative aimed at creating entrepreneurship opportunities for rural communities. The program provides training to individuals on digital skills such as website development, digital marketing, and e-commerce.
 - Mobile Vaani: Mobile Vaani is a social enterprise that provides an interactive voice response (IVR) platform for rural communities. The platform allows users to access information on a range of topics, including healthcare, education, and agriculture.
 - Digital Empowerment Foundation (DEF): DEF is a non-profit organization that works to promote digital literacy in rural India. The organization provides training to individuals on the use of digital devices and applications and also works to create awareness of the benefits of digital technology.
 - Corporate Social Responsibility (CSR) Initiatives: Several private sector companies have launched CSR initiatives aimed at promoting digital literacy in rural areas. For example, Microsoft has launched the Project Sangam initiative, which provides digital skills training and employment opportunities to rural youth.
- To conclude it is strongly suggested that initiatives to promote digital literacy in rural India are crucial in bridging the digital divide and empowering rural communities. These initiatives aim to improve access to technology, provide training on digital skills, and create awareness of the benefits of digital technology. A concerted effort from the government, private sector, and civil society is necessary to ensure that all rural residents have access to digital technology and the skills to use it effectively.
- This can help rural residents to make informed decisions and improve their overall quality of life.
 - Access to Services: Digital literacy can also enable rural residents to access a range of services online, including banking, healthcare, and government services. This can help to reduce the need for travel to urban areas and save time and money for rural residents.
 - Improved Livelihoods: Digital literacy can also provide new opportunities for rural residents to generate income. For example, digital platforms such as e-commerce and online marketplaces can enable rural artisans and farmers to sell their products to a wider market.
 - Increased Connectivity: Digital literacy can also help to connect rural communities with the rest of the world. Social media platforms such as Facebook and Twitter can enable rural residents to connect with friends and family, and also provide a platform for sharing information and ideas.
 - Empowerment: Digital literacy can empower rural communities by giving them a voice and enabling them to participate in decision-making processes. For example, social media platforms can enable rural residents to raise awareness about issues affecting their communities and advocate for change.
 - Education: Digital literacy can also improve access to education for rural communities. Online learning platforms can provide access to quality education resources, which can help to improve educational outcomes for rural students.

In conclusion, digital literacy can have a transformative impact on rural communities in India. It can provide access to information and services, create new livelihood opportunities, increase connectivity, empower rural communities, and improve access to education. Therefore, promoting digital literacy in rural India is essential for bridging the digital divide and promoting inclusive growth.

Benefits of Digital Literacy for Rural Communities - Digital literacy can have a transformative impact on rural communities in India. It can enable rural residents to access information, connect with others, and participate in the digital economy. The following are some of the benefits of digital literacy for rural communities:

- Access to Information: Digital literacy can provide rural communities with access to information on a range of topics, including healthcare, education, and agriculture.
- Overcoming Challenges and Barriers - While initiatives to promote digital literacy in rural India have the potential to transform rural communities, there are several challenges and barriers that need to be overcome. These include:
 - Infrastructure: One of the biggest challenges to promoting digital literacy in rural India is the lack of

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basic infrastructure, such as electricity and internet connectivity. While initiatives such as the BharatNet project aim to provide high - speed internet connectivity to rural areas, there is still a long way to go in terms of improving basic infrastructure in rural areas.

- **Language Barriers:** Another challenge to promoting digital literacy in rural India is the diversity of languages spoken in rural areas. Many digital applications and services are only available in English or Hindi, which can create barriers for rural residents who speak other languages.
- **Digital Divide:** The digital divide between urban and rural areas is another barrier to promoting digital literacy in rural India. Rural areas often lack access to the latest digital devices and technologies, which can create a digital divide between urban and rural areas.
- **Cost:** The cost of digital devices and services can be a barrier for rural residents, who often have lower incomes than urban residents. Digital literacy initiatives need to take into account the affordability of digital devices and services for rural communities.
- **Lack of Awareness:** Many rural residents may not be aware of the benefits of digital technology or how to use digital devices and services. Digital literacy initiatives need to focus on creating awareness and building trust among rural communities.

To overcome these challenges and barriers, digital literacy initiatives need to take a multi - pronged approach. This approach should include improving basic infrastructure, addressing language barriers, bridging the digital divide, making digital devices and services affordable, and creating awareness and building trust among rural communities.

Additionally, digital literacy initiatives should be designed in partnership with rural communities, to ensure that they are relevant and meet the specific needs of rural residents. Finally, collaboration between the government, private sector, and civil society is essential in overcoming these challenges and promoting digital literacy in rural India.

3. Conclusion

To sum up, digital literacy has the potential to transform rural communities in India by providing access to information, services, and opportunities for education and economic growth. However, there are several challenges and barriers that need to be overcome, such as infrastructure, language barriers, the digital divide, cost, and lack of awareness. Initiatives to promote digital literacy in rural India need to take a multi - pronged approach, which includes improving infrastructure, addressing language barriers, bridging the digital divide, making digital devices and services affordable, and creating awareness and building trust among rural communities. Additionally, collaboration between the government, private sector, and civil society is essential to promote digital literacy in rural India.

4. Suggestions

Looking toward the future, there is a need to continue investing in digital infrastructure in rural areas and to

provide digital literacy training and education to rural residents. Digital literacy initiatives need to be designed in partnership with rural communities and should be tailored to meet their specific needs and challenges. In addition, digital literacy should be integrated into rural development programs and initiatives. This can help to ensure that digital technology is used to promote sustainable development and to address the challenges faced by rural communities, such as poverty, lack of access to healthcare, and environmental degradation. Finally, it is important to continue to monitor and evaluate digital literacy initiatives in rural India to assess their impact and identify areas for improvement. By doing so, we can ensure that digital technology is used to promote inclusive growth and to bridge the digital divide between urban and rural areas in India

References

- [1] Government of India. (2017). Digital India. Retrieved from <https://www.digitalindia.gov.in/>
- [2] Government of India. (2021). BharatNet. Retrieved from <https://bharatnet.gov.in/>
- [3] Singh, R. K., & Singh, P. (2019). Digital literacy and rural development in India. *International Journal of Scientific Research and Management*, 7 (8), 452 - 458.
- [4] Pandey, V., & Singh, S. P. (2020). Digital literacy in India: A study of rural areas. *Journal of Entrepreneurship and Management*, 9 (2), 11 - 23.
- [5] UNESCO. (2017). Digital skills for sustainable development: A call to action. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000247152>
- [6] World Bank. (2019). Digital dividends: World development report. Retrieved from <https://openknowledge.worldbank.org/handle/10986/24418>
- [7] Sood, S. P., & Yadav, S. (2021). Digital literacy and digital divide in rural India. *International Journal of Scientific Research and Management*, 9 (1), 33 - 38.
- [8] Kumar, S. (2018). Digital literacy for rural development in India: A review. *International Journal of Engineering Technology Science and Research*, 5 (7), 202 - 209.
- [9] Chakraborty, A., Chakraborty, A., & Kar, S. (2020). Digital literacy in rural India: Opportunities and challenges. In *Digital Inclusion: Frameworks, Practices, and Applications* (pp.243 - 262). Springer.
- [10] Mehta, A. (2019). Digital literacy in rural India: Opportunities and challenges. *Journal of Information Technology Management*, 6 (1), 14 - 24.
- [11] <https://thewire.in/government/rural-india-lockdown-impact-survey>
- [12] <https://rqstz.axegrinder.top/eyes-robot/?pl=U8DXgIe3mUaLKra-edbTIw&sm=eyes-robot&hash=WfSA8oqmNTGkh8HcWPAUtg&exp=1687709222>
- [13] <https://www.pradhanmantri-yojna.com/pmgdisha-centre-registration/>