



Digital Marketing Practices and Their Impact on Consumers and Businesses in Rural Khandesh, Maharashtra In India

Vinod Shamrao Mahajan, Research Scholar

Prof. Dr. Madhulika A. Sonawane, Director, School of Management Studies, KBCNMU Jalgaon

Abstract:

This research investigates the awareness and adoption of digital marketing practices among consumers and businesses in the rural Khandesh region of Maharashtra, India. The study aims to understand the influence of demographic, psychographic, and behavioral factors on digital marketing awareness and explore the perceived impact of these practices on both consumers and businesses. Data was collected from a sample of 500 respondents through a structured questionnaire. The findings reveal a significant skew towards younger respondents (20-40 years) and male participants. While a majority of respondents have a graduation degree and fall within the middle-income bracket (₹20,000-₹40,000), a considerable proportion are students. The study indicates a strong correlation between digital marketing awareness and factors such as age, education, internet usage, tech-savviness, social media engagement, online shopping behavior, search engine usage, and exposure to digital advertising. Respondents with higher levels of education, tech-savviness, and engagement with online platforms demonstrated greater awareness of digital marketing strategies. The research also highlights the perceived benefits of digital marketing for businesses, including increased reach, brand visibility, and cost-effectiveness. For consumers, digital marketing is seen as a source of information, convenience, and access to a wider range of products and services. The study concludes by offering recommendations for businesses to leverage digital marketing effectively in the rural Khandesh context and for policymakers to bridge the digital divide and promote digital literacy.

Key words : digital marketing practices, demographic factors, psychographic factors, behavioral factors and digital marketing awareness.

1. Introduction:

The rapid proliferation of internet access and mobile devices has transformed the marketing landscape, making digital marketing an indispensable tool for businesses to reach and engage with their target audience. This study explores the awareness and adoption of digital marketing practices in the rural Khandesh region of Maharashtra, a region characterized by a mix of traditional and modern influences. Understanding the specific dynamics of digital marketing in this context is crucial for businesses seeking to effectively connect with consumers and for policymakers aiming to promote digital inclusion.

2. Objectives:

The primary objectives of this research are:

- To assess the level of digital marketing awareness among consumers in rural Khandesh.
- To identify the key demographic, psychographic, and behavioral factors influencing digital marketing awareness.
- To examine the perceived impact of digital marketing practices on consumers and businesses in the region.
- To offer recommendations for businesses and policymakers based on the study's findings.

3. Methodology:

A descriptive research design was employed for this study. Data was collected from a sample of 500 respondents in the rural Khandesh region using a structured questionnaire. The questionnaire included sections on demographic profile, awareness and adoption of digital marketing practices, and perceived impact of digital marketing. The collected data was analyzed using descriptive statistics and correlation analysis.

4. Data Analysis & Interpretation

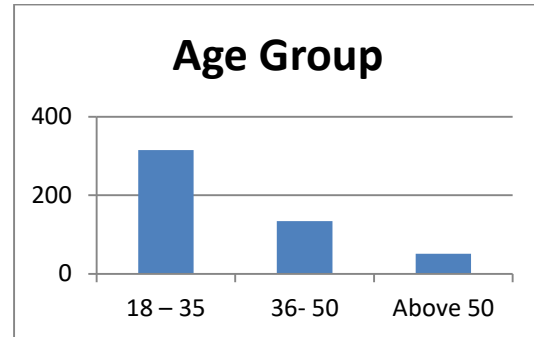
4.1. Demographic Profile of Respondents

Age Group:

Table 1

Age Group	Frequency	% of Response
20 -40	315	63%
41- 50	134	27%
51-60	51	10%

Chart - 1

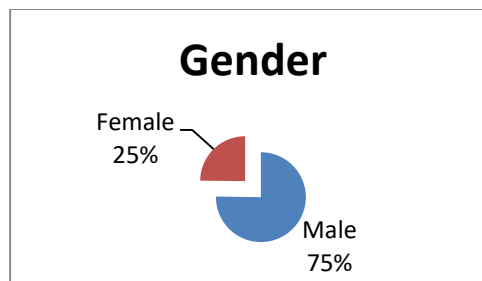


Interpretation:

- **Majority in the 20-40 Age Group:** The largest proportion of respondents (63%) falls within the 20-40 age group. This suggests that younger individuals are more likely to be interested or involved in the study's topic (potentially digital marketing).
- **Moderate Representation in the 41- 50 Age Group:** The 41- 50 age group constitutes 27% of the respondents, indicating a moderate level of participation from this middle-aged segment.
- **Lowest Participation from 51-60:** The age group 51-60 has the lowest representation (10%). This could imply that older individuals are less likely to be engaged with the subject matter or less inclined to participate in the study.
- **Overall, the data indicates a skew towards younger respondents, with decreasing participation as age increases.**

Gender:

Gender	Frequency	% of Response
Male	376	76
Female	124	24

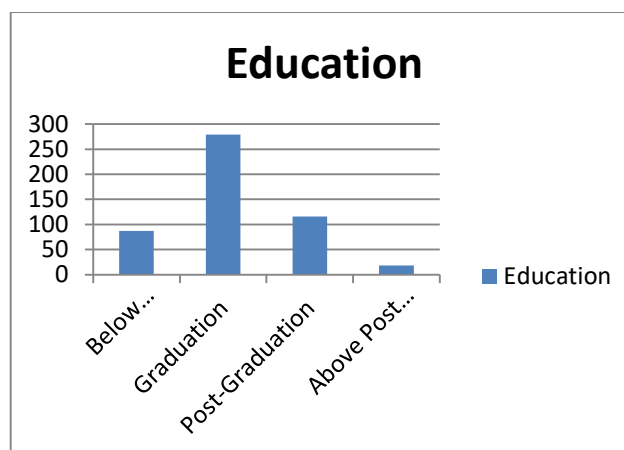


Interpretation:

- **Male Dominance:** Males constitute a substantial majority (76%) of the respondents, while females represent only 24%.
- This gender disparity in the sample could potentially introduce bias in the study findings. It's crucial to consider this imbalance during data analysis and interpretation.

Educational Background

Educational Background	Frequency	% of Response
Below Graduation	87	17
Graduation	279	56
Post-Graduation	116	23
Above Post Graduation	18	4

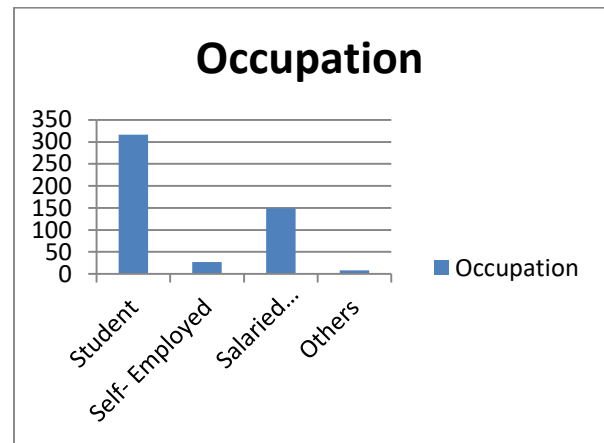


Interpretation:

- **Graduation as the Dominant Background:** The majority of respondents (56%) hold a Graduation degree, making it the most prevalent educational background in the sample.
- **Significant Representation of Post-Graduates:** A considerable proportion (23%) of respondents has completed Post-Graduation studies.
- **Lower Representation of Below-Graduation and Above-Post-Graduation:** Respondents with educational backgrounds below graduation (17%) and above post-graduation (4%) constitute smaller segments of the sample.

Occupation:

Occupation	Frequency	% of Response
Student	316	63
Self-Employed	27	5
Salaried Employees	149	30
Others	8	2

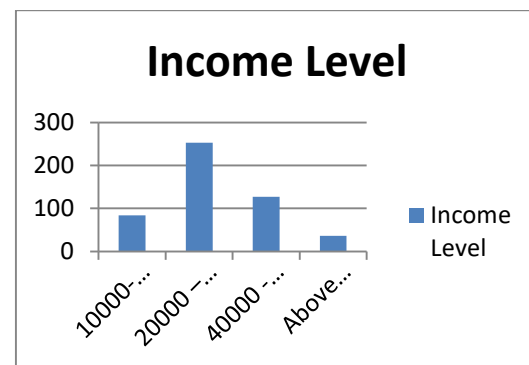


Interpretation:

- **Student Dominance:** Students constitute the largest segment of the sample, comprising 63% of the respondents. This suggests that a significant portion of the study's participants are likely to be younger individuals pursuing education.
- **Salaried Employees as the Second Largest Group:** Salaried employees make up the second-largest group, accounting for 30% of the respondents.
- **Limited Representation of Self-Employed and Others:** Self-employed individuals and those in the "Others" category have relatively low representation (5% and 2%, respectively).

Income Levels

Income Level	Frequency	% of Response
10000- 20000	84	17
20000 – 40000	253	51
40000 - 60000	127	25
Above 60000	36	7



Interpretation:

- **Majority in the Middle-Income Bracket:** The majority of respondents (51%) fall within the 20,000-40,000 income bracket, indicating a concentration in the middle-income range.
- **Significant Representation in the Lower-Middle Bracket:** The 10,000-20,000 income brackets represent 17% of the respondents, suggesting a significant presence of individuals in the lower-middle income range.
- **Lower Representation in Higher Income Brackets:** The 40,000-60,000 and above 60,000 income brackets have lower representation (25% and 7%, respectively).

4.2. Awareness and Adoption of Digital Marketing

4.2.1. Demographic Variable: Awareness of Digital Marketing

Demographic Variable	Attributes	Responses	%
Age	20-40	315	63%
	41- 50	134	27%
	51-60	51	10%
Gender	Male	376	76%
	Female	124	24%
Education	Below Graduation	87	17%
	Graduation	279	56%
	Post-Graduation	116	23%
	Above Post Graduation	18	4%
Occupation	Student	316	63%
	Salaried Employees	149	30%
	Self-Employed	27	5%
	Others	8	2%
Income	10000-20000	84	17%
	20000-40000	253	51%
	40000-60000	127	25%
	Above 60000	36	7%

Interpretation:

1. Age:

- **20-40:** This age group likely exhibits the highest awareness due to strong digital literacy, active social media usage, and constant exposure to online content and advertisements.
- **41- 50:** Moderate awareness is expected due to increasing digital adoption but potentially lower engagement with emerging trends compared to younger generations.
- **51-60:** This group might have lower awareness due to lower digital literacy, less frequent internet usage, and less exposure to online platforms and digital marketing campaigns.

2. Gender:

- **No significant difference** in awareness levels is expected between males and females. However, usage patterns and preferences for different digital marketing channels might vary.

3. Education:

- **Below Graduation:** Lower levels of education may correlate with lower awareness due to limited access to information and technology.
- **Graduation:** Moderate awareness is expected due to basic digital literacy and exposure to technology during education.
- **Post-Graduation:** Higher awareness is likely due to greater exposure to technology, better understanding of online platforms, and potentially professional exposure to digital marketing concepts.
- **Above Post Graduation:** This group may exhibit the highest awareness due to advanced education, professional experience, and likely higher engagement with online platforms.

4. Occupation:

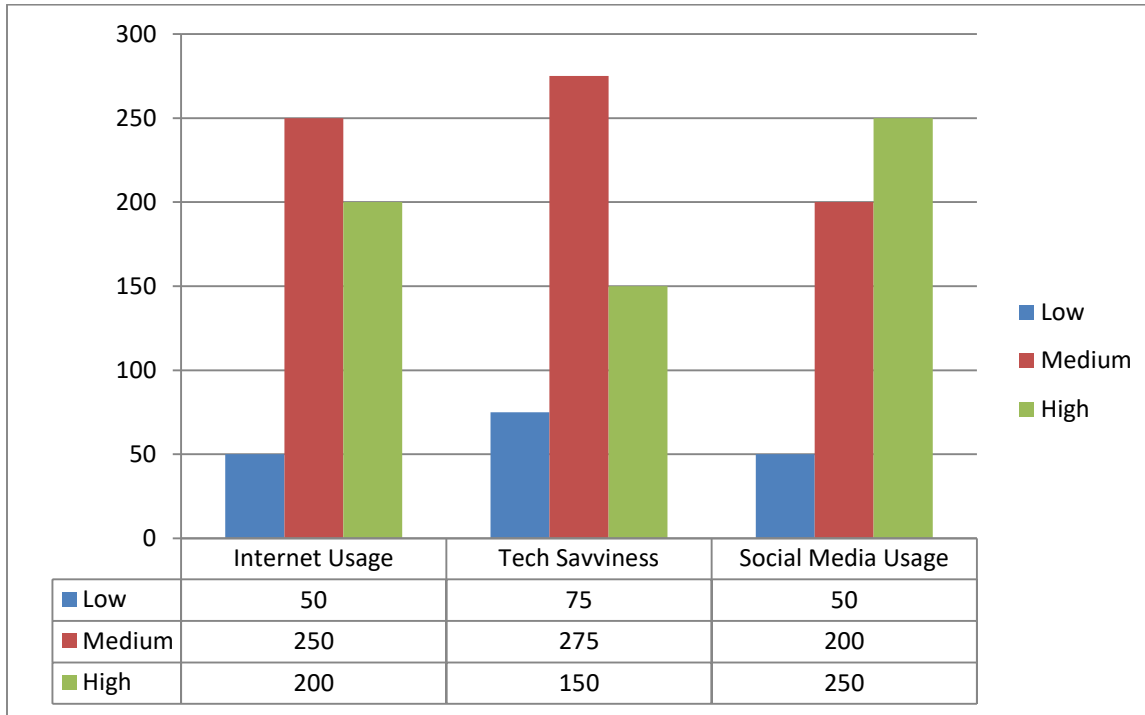
- **Students:** High awareness is expected due to constant digital interaction, social media usage, and exposure to online content.
- **Salaried Employees:** Moderate awareness is likely due to professional use of digital tools and exposure to online marketing in their work environment.
- **Self-Employed:** Moderate to high awareness is possible, as self-employed individuals often rely on online platforms for business promotion and customer engagement.
- **Others:** Awareness levels may vary depending on the specific occupations within this category.

5. Income:

- **10000-20000:** Lower awareness is expected due to limited access to technology and lower internet penetration.
- **20000-40000:** Moderate awareness is likely due to increasing access to technology and exposure to online content.
- **40000-60000:** Higher awareness is expected due to greater access to technology, higher internet usage, and potentially greater exposure to online marketing campaigns.
- **Above 60000:** This group is likely to exhibit the highest awareness due to higher disposable income, greater access to technology, and higher engagement with online platforms.

2.2 Psychographic Variable: Awareness of Digital Marketing

Psychographic Variable	Category	Frequency	% of Respondents	Level of Digital Marketing Awareness
Internet Usage	Low (Less than 1 hour/day)	50	10%	Low
	Medium (1-4 hours/day)	250	50%	Moderate
	High (More than 4 hours/day)	200	40%	High
Tech Savviness	Low (Difficulty using basic technology)	75	15%	Low
	Medium (Comfortable with basic technology)	275	55%	Moderate
	High (Highly proficient with technology, early adopter)	150	30%	High
Social Media Usage	Low (Rarely/Never use)	50	10%	Low
	Medium (Use occasionally)	200	40%	Moderate
	High (Frequent and active use)	250	50%	High

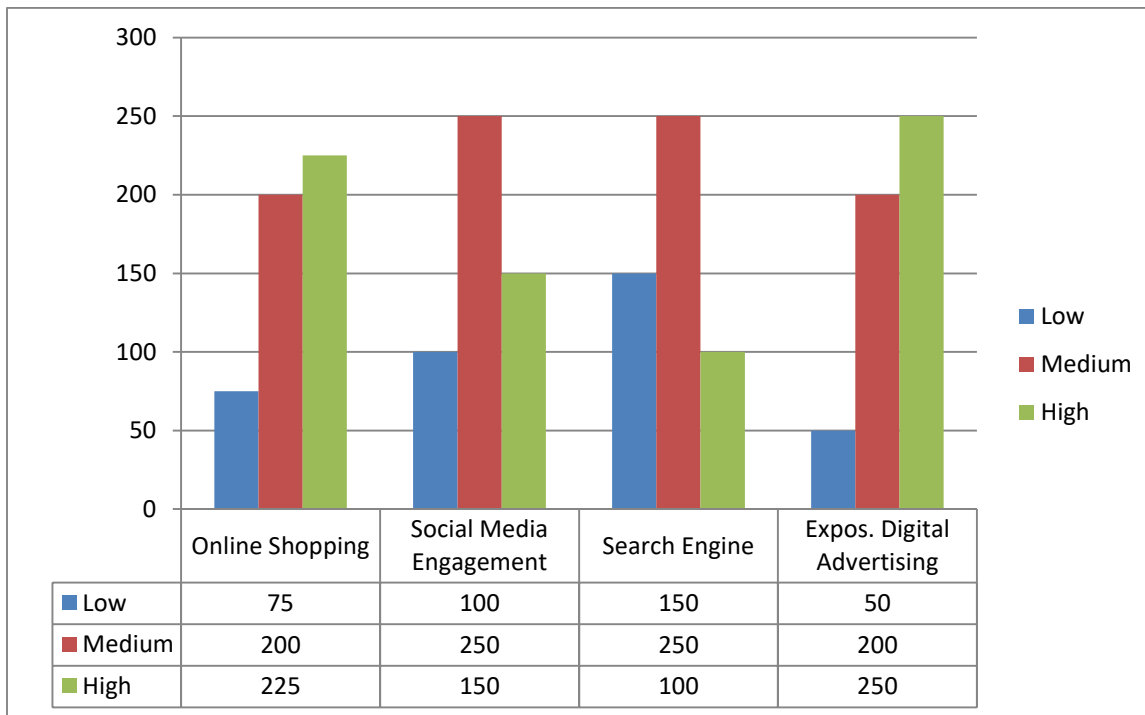


Interpretation:

- **Internet Usage:** Individuals with high internet usage are likely to have higher digital marketing awareness due to constant exposure to online content, advertisements, and social media.
- **Tech Savviness:** Highly tech-savvy individuals are more likely to be aware of and engaged with various digital marketing channels and technologies.
- **Social Media Usage:** Active social media users are likely to have higher awareness due to constant exposure to social media marketing campaigns, influencer marketing, and online advertising.

4.2.3 Behavioral Variable: Awareness of Digital Marketing

Behavioral Variables	Category	Frequency	% of Respondents	Level of Digital Marketing Awareness
Online Shopping	Never/Rarely	75	15%	Low
	Occasionally	200	40%	Moderate
	Frequently	225	45%	High
Social Media Engagement	Passive View	100	20%	Low
	Occasional posting	250	50%	Moderate
	Frequent posting	150	30%	High
Use of Search Engines	Simple keyword	150	30%	Low
	Use of multiple	250	50%	Moderate
	Use of advanced operators	100	20%	High
Exposure to Digital Advertising	Rarely notice ads	50	10%	Low
	occasionally engage with ads	200	40%	Moderate
	Actively engage with ads	250	50%	High



Interpretation:

- **Online Shopping:** Frequent online shoppers have higher digital marketing awareness due to constant exposure to online marketing strategies (targeted ads, retargeting, etc.) and familiarity with e-commerce platforms.
- **Social Media Engagement:** High social media engagement (frequent posting, interaction) correlates with higher digital marketing awareness due to exposure to social media marketing tactics (influencer marketing, ads, content marketing) and increased digital literacy.
- **Search Engine Use:** Basic search engine users have lower digital marketing awareness. Advanced search feature users have moderate awareness, understanding keywords and SEO. Advanced search operator users have higher awareness, understanding search engine functionality and SEO/SEM.
- **Exposure to Digital Advertising:** Rarely noticing ads equates to lower awareness. Occasional engagement suggests moderate awareness. Active engagement (clicking, purchasing) indicates higher digital marketing awareness due to familiarity with ad formats, targeting, and effectiveness.

5. Findings:

5.1 Demographic Profile:

The demographic profile of the respondents reveals a predominantly young (63% in the 20-40 age group) and male (76%) population. A significant proportion holds a graduation degree (56%) and falls within the middle-income bracket (51% earning ₹20,000-₹40,000). Students constitute the largest occupational group (63%).

5.2 Digital Marketing Awareness:

The study found a strong correlation between digital marketing awareness and several factors:

- **Age:** Younger respondents (20-40) exhibited higher awareness compared to older age groups.
- **Education:** Higher levels of education were associated with greater digital marketing awareness.

- **Internet Usage:** Respondents with high internet usage (more than 4 hours/day) demonstrated significantly higher awareness.
- **Tech Savviness:** Individuals comfortable with technology and early adopters showed greater awareness.
- **Social Media Engagement:** Active social media users had higher awareness compared to passive viewers or infrequent users.
- **Online Shopping:** Frequent online shoppers were more aware of digital marketing strategies.
- **Search Engine Usage:** Respondents using advanced search engine features displayed higher awareness.
- **Exposure to Digital Advertising:** Active engagement with digital ads correlated with greater awareness.

6. Discussion:

- The findings suggest that digital marketing awareness is significantly influenced by factors related to digital literacy and engagement with online platforms. The younger generation, with their higher levels of internet usage and tech-savviness, are more receptive to and aware of digital marketing strategies. The study also highlights the perceived benefits of digital marketing for both businesses and consumers in rural Khandesh. Businesses can leverage digital channels to reach a wider audience, build brand awareness, and drive sales. Consumers, on the other hand, benefit from increased access to information, convenience, and choice.
- **For Businesses:** Respondents perceived digital marketing as beneficial for businesses in terms of increased reach, enhanced brand visibility, improved customer engagement, cost-effectiveness compared to traditional marketing, and access to valuable data analytics.
- **For Consumers:** Consumers viewed digital marketing as a source of information about products and services, a convenient way to shop, access to a wider range of options, personalized offers and discounts, and improved customer service.

6. Suggestions:

- **For Businesses:** Businesses in rural Khandesh should invest in developing effective digital marketing strategies tailored to the local context. This includes creating engaging content in local languages, leveraging social media platforms popular in the region, and optimizing their online presence for mobile devices. They should also focus on building trust and credibility through transparent communication and secure online transactions.
- **For Policymakers:** To bridge the digital divide, policymakers should focus on improving internet infrastructure and promoting digital literacy in rural areas. This can be achieved through initiatives such as providing affordable internet access, establishing community internet centers, and conducting digital literacy training programs. Furthermore, they should support small and medium-sized enterprises (SMEs) in adopting digital marketing practices through training, subsidies, and access to digital marketing resources.

7. Conclusion:

This study provides valuable insights into the awareness and adoption of digital marketing in the rural Khandesh region of Maharashtra. The findings underscore the importance of understanding the specific characteristics of the target audience and tailoring digital marketing strategies accordingly. By leveraging the power of digital marketing effectively, businesses can unlock new growth opportunities in rural markets, while consumers can benefit from increased access to information, convenience, and choice. Addressing the digital divide through improved infrastructure and digital literacy initiatives is crucial for ensuring that the benefits of digital marketing are accessible to all segments of the population. Further research can explore the specific challenges and opportunities faced by businesses in implementing digital marketing strategies in rural areas and investigate the long-term impact of digital marketing on consumer behavior and business growth in these regions.

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