# BEAUTY IN THE AGE OF INSTAGRAM: THE RISE OF SOCIAL-DRIVEN COSMETIC TRENDS

Dr. Senthil Rajan D, Ms.Susmitha.M, Ms.Rashmitha.U, Ms.Gunalakshmi.S, Ms. Sabitha Priyadharshini.S, Ms.Chandrapriya.A, Mrs Sivasankari.M\*

Corresponding Author\*

#### **ABSRACT:**

This review examines how social media platforms have reshaped modern cosmetic practices, influencing beauty preferences, user perceptions, and purchasing habits. Visual-based networks such as Instagram, TikTok, YouTube, and Facebook now play a central role in presenting, discussing, and popularizing beauty products, resulting in rapidly shifting aesthetic norms and new promotional strategies. By analyzing research findings, industry data from 2010–2025, and observed digital behaviors, this paper highlights how influencer activity, marketing transparency, psychological responses, and emerging online beauty cultures shape consumer engagement. Although social media increases access to diverse beauty information, it also contributes to idealized portrayals that may affect self-image. The review emphasizes the importance of responsible communication, informed consumption, and ethical approaches to beauty promotion in today's digital environment.

**KEYWORDS:** Social media, cosmetics, influencers, beauty trends, consumer behaviour, body image

#### 1.0 INTRODUCTION

The rapid expansion of social media has reshaped how individuals communicate, share information, and interact with beauty-related content. Platforms such as Instagram, TikTok, YouTube, and Facebook have evolved into influential environments where cosmetic trends, product reviews, and aesthetic ideals circulate widely. Rather than relying solely on traditional advertising, consumers now engage directly with creators, influencers, dermatologists, and beauty professionals who share demonstrations, personal routines, and product experiences[1].

In the beauty and skincare sector, social media functions as a powerful promotional ecosystem. Influencers often introduce new products, highlight treatment results, and shape audience perceptions through tutorials, testimonials, and visually curated content. While this has increased accessibility to beauty knowledge, it has also contributed to the fast spread of unverified claims[2], unrealistic expectations, and persuasive marketing techniques. Many

users adopt skincare practices or purchase cosmetic items without fully understanding their suitability, which may lead to dissatisfaction or potential harm.

Healthcare professionals and cosmetic practitioners also use social media to display procedural results, offer educational information, and address common concerns[3]. Such direct communication enhances transparency and builds trust with prospective clients, particularly in areas involving dermatological or aesthetic procedures. However, the constant display of perfected and edited imagery can influence how individuals evaluate their own appearance, shaping self-esteem and body image[4].

The digital transformation has made beauty products and information available to a global audience, enabling users to explore diverse cosmetic practices, consumer reviews, and trend analyses. This review examines the evolving relationship between social media and cosmetic consumption by analyzing existing research, marketing approaches, and psychological outcomes. It also highlights factors driving online beauty promotion and identifies challenges that arise within digital cosmetic communication[5].

#### 2.0 METHODOLOGY OF REVIEW

This review was developed using a narrative research approach to summarise existing knowledge on the intersection of social media and cosmetic practices. Relevant academic articles, professional reports, and market-based digital data published between 2010 and 2025 were collected from databases such as Scopus, PubMed, and Google Scholar. Search terms included "social media," "cosmetic promotion," "beauty influencers," "digital marketing," and "aesthetic trends." Studies focusing on consumer perception, online advertising behaviour, and psychological responses to beauty content were given priority. A qualitative synthesis strategy was applied to identify shared concepts and repeated patterns across the literature.



Fig:1 Cometic influencer approaching product

To complement the published evidence, insights from prior qualitative investigations involving practitioners in beauty and wellness centres were reviewed[6]. These studies reported that platforms like Instagram and Facebook remain the most frequently used promotional channels in the sector, followed by applications such as YouTube, Snapchat, and LinkedIn. Such supplementary data provided contextual understanding of how industry professionals utilise digital communication in their daily operations[7].

Historical statistics from aesthetic-procedure organisations, including the American Society of Plastic Surgeons (ASPS) and the American Society for Aesthetic Plastic Surgery (ASAPS), were also considered to understand long-term procedural trends and consumer interest in cosmetic enhancement[8].

The broader objective of reviewing these diverse sources was to map the evolution of cosmetic culture between 2010 and 2023. The analysis considered three overarching dimensions: (1) social and cultural influences on beauty norms, (2) characteristics of different digital eras in cosmetics marketing, and (3) shifting approaches to makeup use and self-presentation reported across studies[9,10].

#### 3.0 Research Findings and Key Discussions

#### 3.1 Natural-Finish Cosmetic Trends

Recent beauty trends emphasise enhancing the skin's natural tone and texture, focusing on a minimalistic appearance that gives the impression of barely applied makeup. This shift aligns with the diversification of the cosmetics market, where product launches increasingly target subtle complexion enhancement. Items such as tinted balms, lightweight foundations, lip plumpers, and multifunctional creams have gained popularity for creating a polished yet understated look [12,13].

#### 3.2 Moisture-Focused Skin Aesthetics and Eye Accents

Contemporary makeup styles highlight hydrated, luminous skin paired with soft, naturallooking features. Straight, lightly filled eyebrows, subtle eye shading, and glossy lips contribute to this aesthetic. Instead of highly structured lines, makeup application aims to the individual's while maintain natural features adding gentle definition. Products including base creams, hydrating foundations, compact powders, and illuminating formulas are widely used to produce textures associated with smoothness, radiance, and dimension. These combinations create a dewy finish and multi-layered contour effects that reflect light naturally [14,15].

#### 3.3 Influence of High-Definition (HDTV) Technology on Makeup Techniques

The shift to HDTV significantly changed professional makeup standards, as high-resolution screens reveal fine skin details. This drove the demand for lightweight, natural-looking cosmetic formulations capable of improving pore appearance, softening contours, and creating depth without heavy product layering. Multi-dimensional makeup styles—such as 3D contouring—emerged to meet these needs, offering more refined and lifelike effects for on-camera and everyday use [16–19].

## 3.4 Global Expansion of K-Beauty Trends

The global influence of Korean beauty culture continues to grow, supported by the international success of K-pop and the visibility of Korean celebrities. Korean cosmetic exports exceeded USD 6.5 billion in 2019, with a projected annual growth rate of approximately 26% over the next several years. K-beauty's focus on gentle formulations, multi-step routines, and innovative textures has strengthened its position in global markets, driving rapid expansion and product innovation [20,21].

#### **4.0 Evaluation of Cosmetic Trends**

Cross-sectional studies have explored perceptions of beauty and cosmetic use among different groups, including medical students. Responses collected through structured questionnaires—containing both open and closed-ended questions—have provided insights into purchasing behaviour, awareness of cosmetic ingredients, and influences shaping beauty decisions [22].

Beyond survey data, social network analysis has become a valuable tool for identifying key themes within large digital datasets. By applying a bottom-up analytical approach, researchers can examine user discussions, identify influential clusters, and observe behavioural patterns without conducting physical interviews or traditional surveys. This approach is cost-effective and widely used in cosmetics, marketing, and consumer psychology research [23].

## 5.0 Social Media, Beauty Standards, and Trend Lifecycles

Visual platforms such as Instagram and TikTok have transformed beauty standards worldwide, partly due to the continuous flow of idealised images. These images influence self-perception, body satisfaction, and expectations about appearance, especially among women and younger users [24–27].

Unlike traditional beauty cycles, which evolved gradually, digital trends now emerge and decline rapidly through influencers and user-generated content [28–30]. Instagram, originally designed for image sharing, has become a central hub for beauty communication and

marketing due to its visual-first interface and widespread adoption [31,32]. The acceleration of beauty trend lifecycles is strongly linked to the platform's structure and algorithmic visibility.

The rise of online beauty creators and independent experts—often referred to as social media influencers—has also reshaped the landscape. These individuals act as opinion leaders, shaping consumer decisions through product demonstrations, reviews, and personal branding. The "Instagram body," a beauty ideal characterised by specific proportions and aesthetics, gained prominence over the past decade and continues to impact perceptions of attractiveness and femininity [33].

Influencers contribute to a more inclusive and accessible beauty culture by offering alternative viewpoints and diversifying content. They represent "third-party actors" who build trust and credibility through consistent interaction, visual presence, and content creation on digital platforms [34,35]. Although certain beauty ideals rise and fade—such as the Instagram body—their cultural impact often persists even after the trend declines.

#### 6.0 SIGNIFICANCE OF STUDY

This study contributes to a deeper understanding of how digital personalities—particularly influencers and online content creators—shape consumer engagement with cosmetic products. By examining the ways in which audiences interpret, trust, and respond to influencer-driven content, the research highlights the mechanisms through which purchasing decisions are formed in online beauty communities. The review also integrates existing scholarship on consumer behaviour and virtual interactions, offering a consolidated framework for understanding how social networking platforms guide cosmetic consumption patterns.

Addressing gaps in previous literature, the study provides practical insights into the strategies through which social media supports product discovery and influences purchasing behaviour. These insights may assist entrepreneurs and cosmetic brands in developing more effective digital marketing approaches, improving targeting accuracy, and strengthening brand visibility within competitive online markets [36]. Understanding how consumers engage with beauty content enables companies to tailor their communication styles, optimize online presence, and enhance brand credibility and profitability.

The study additionally aims to contextualize major transformations within the global cosmetics sector between 2010 and 2023. These developments reflect three broad dimensions: (1) social and cultural influences on beauty ideals, (2) evolving forms of cosmetic expression shaped by technological advancement, and (3) characteristics that

distinguish different digital eras of beauty communication [37]. Particular attention is given to trends in facial texture representation, natural-finish aesthetics, and the rise of technologically driven makeup techniques influenced by high-definition imaging. By comparing shifts throughout the decade, the study identifies the defining features of contemporary beauty practices and outlines how globalization and digital culture have collectively shaped consumer expectations and industry direction [38].

#### 7.0 DISCUSSION

A review of recent literature on beauty-related content across social media platforms revealed five prominent themes: body positivity, negative psychological impacts, forms of activism, digital advertising strategies, and evolving makeup practices. These themes illustrate how social media simultaneously empowers users and shapes cosmetic behaviours in complex ways [38].

# 7.1 Body Positivity and Inclusive Representation

Only a small number of studies specifically examined body-positive content, yet these consistently reported encouraging outcomes. Exposure to posts that highlight natural, diverse, and unedited body types is associated with increases in self-acceptance, positive emotional and appreciation of one's body [39]. states. own Such content often features individuals wearing fitted or minimal clothing to celebrate body diversity. These representations challenge narrow beauty ideals by showing that attractiveness is not limited to thin body types but includes larger and varied body shapes. Findings indicate that the effectiveness of body-positive messaging depends on presenting models who genuinely reflect the intended message and align with inclusive beauty depictions [40].

#### 7.2 Social Interaction and Engagement Effects

Social media platforms—particularly visually oriented apps such as Instagram and TikTok—operate as digital marketplaces where consumers explore, compare, and purchase cosmetic products. Influencers and content creators play a critical role in shaping preferences, as followers frequently use their recommendations to guide purchasing decisions. The term "influencer" entered mainstream usage and was officially added to the English dictionary in 2019, reflecting its cultural significance [41]. Because these platforms are inherently visual, they enable brands to display product effects through tutorials, swatches, and user-generated reviews, making cosmetic engagement highly interactive [42].

#### 7.3 Purchase Intentions and Motivations

Consumer purchase intentions involve both emotional (hedonic) and practical (utilitarian) motivations. This includes buying products to enhance personal enjoyment, meet social expectations, or elevate social status [43]. Understanding these motivations is essential for predicting actual purchasing behaviour and tailoring marketing strategies to specific segments and geographical markets [44].

Social media, characterised by user-generated content and interactive participation, facilitates this process by allowing consumers to evaluate products, observe peer experiences, and access real-time feedback [45].

#### 7.4 Social Media Influencers and Cosmetic Promotion

The term *influencer* refers to individuals who can shape attitudes and behaviours through their online presence. Influencers are often perceived as relatable and approachable, making them attractive partners for brands seeking to promote products indirectly. In the beauty sector, influencers create tutorials, share product reviews, and demonstrate application techniques, helping build long-term trust with their audience [46]. Their content functions as a hybrid between entertainment and marketing, strengthening brand visibility within social networks.



Fig:2 Social media that influencing the cosmetic

## 7.5 Role of Sponsorship and Transparency

Influencers rely on establishing strong parasocial relationships with followers. However, excessive emphasis on paid promotions may undermine trust by activating followers' persuasion awareness. This can reduce credibility and weaken the influencer's overall persuasive impact [47,48].

Transparency regarding sponsorships helps maintain authenticity. When influencers clearly disclose paid partnerships, followers are more likely to perceive the content as trustworthy

and evaluate the product recommendations in an informed manner. Such openness preserves the integrity of influencer–audience relationships [49].

## 7.6 Importance of Pretesting Research Instruments

Pretesting involves evaluating questionnaires, interview guides, or other research tools before conducting the main study. It ensures that items are clear, culturally appropriate, and capable of capturing accurate responses related to online cosmetic behaviour [50–52]. Pretests are essential for identifying ambiguities, avoiding leading questions, and ensuring that instruments accurately measure attitudes, behaviours, and perceptions associated with cosmetic trends on social media.



Fig:6 Surveying the online platforms and cosmetic trends

## 7.7 Negative Psychological Effects

Despite some benefits, social media exposure is also linked to a variety of negative outcomes. Studies have identified associations with appearance-based comparison, body dissatisfaction, self-objectification, negative affect, thin-ideal pressure, and increased consideration of cosmetic surgery. Filter-altered images, unrealistic portrayals, and objectifying content contribute to anxiety, low self-esteem, emotional distress, and disordered eating patterns [53].

#### 7.8 Influence of Advertising and Digital Marketing

Advertising on social media plays a major role in shaping cosmetic trends. Influencer marketing connects brands with highly engaged audiences, enhancing authenticity and perceived credibility [54].

Social platforms facilitate rapid product launches, trend creation, and consumer engagement through interactive features, comment sections, and sharing functions. Brands also rely on user-generated content—such as customer photos, testimonials, and reviews—to build community trust and demonstrate real-world product efficacy [55,56].



Fig:7 Advertisement plays major role in cosmetic trends

## 7.9 Effects on Body Image

Social media significantly influences mental, emotional, and physical perceptions of beauty. Frequent exposure to idealised imagery affects individuals' body evaluation patterns and can distort their sense of appearance [57].

Body image encompasses one's thoughts and feelings regarding physical appearance. Social media often promotes thin or lean ideals, reinforcing anti-obesity norms and affecting cognitive, emotional, and behavioural aspects of body perception [58].

Adolescents are particularly vulnerable, as dissatisfaction with body shape can lead to unhealthy dieting, emotional distress, and increased risk of eating disorders. Repeated comparison with idealised images may harm self-esteem and foster negative body-related emotions [59].

#### 7.10 Behavioural Outcomes and Online Self-Presentation

Social media platforms—including image sharing, blogging, video hosting, and microcommunities—shape behavioural tendencies related to physical appearance. Adolescents frequently compare their looks with peers online, often posting curated selfies or "outfit of the day" photos to maintain an idealised identity [60]. This constant search for validation through likes and comments intensifies appearance pressure. Young women, in particular, may experience upward comparison, leading to dissatisfaction, reduced self-worth, behaviours and maladaptive [61,62].Research also suggests differences in self-perception between individuals who take selfies and those who prefer others to take their photos. Selfie-takers often view themselves more positively, but they may also experience heightened pressure for social approval. Moreover, social media use has been linked to thin-ideal internalisation and self-objectification among young users [63,64].

#### 7.11 Rising Interest in Cosmetic Modification

Social media exposure is associated with increased desire for body modification practices, including plastic surgery interest, use of photo-altering filters, strict dieting behaviours, and pursuit of appearance-enhancing procedures. These effects are particularly evident among adolescents and young adults [65-68].

In some cases, cosmetic product usage can also lead to adverse effects. Reports indicate that users may develop acne, dryness, irritation, pigmentation changes, and other reactions associated with both skincare and makeup products. Although generally uncommon, these reactions should be monitored, especially among frequent cosmetic users [69-71].

#### **CONCLUSION**

Social media has significantly transformed the global beauty and cosmetics industry by redefining how trends develop, how products are promoted, and how individuals understand and evaluate beauty. These platforms have enhanced accessibility to beauty information and encouraged more diverse and inclusive representations. However, they have also accelerated the spread of idealized and often unattainable beauty standards, contributing to self-esteem challenges and increasing interest in cosmetic modification.

Promoting a healthier digital beauty environment requires transparent influencer practices, responsible marketing strategies, and improved consumer literacy. Strengthening these areas can support more realistic expectations, reduce psychological harms, and encourage more informed engagement with beauty content in the digital era.

#### **REFERENCE:**

- 1.Kaplan, A. M., & Haenlein, M. (2010). Users of the world, unite! The challenges and opportunities of social media. Business Horizons, 53(1), 59–68.
- 2. Alghonaim, Y., AlFawaz, Y., & Alnefaie, A. (2022). The effect and implication of social media platforms on plastic cosmetic surgery: A cross-sectional study in Saudi Arabia from 2021 to 2022. Aesthetic Surgery Journal Open Forum, 4(1), ojad002.
- 3. AlGhamdi, S., & Alotaibi, N. (2019). Effect of media on facial plastic surgery in Saudi Arabia. Plastic and Reconstructive Surgery Global Open, 7(12), e2595.
- 4. Almalki, R. S., Alharbi, M. K., Aljindan, F., Alshammari, A., & Alotaibi, N. (2023). Acceptance and attitude toward cosmetic surgeries in the Western Region of Saudi Arabia: A cross-sectional survey. Cureus, 15(9), e45292.
- 5. Alhareky, M., Alshahrani, F., & Alahmari, R. (2014). Motives for cosmetic procedures in Saudi women. Saudi Medical Journal, 35(10), 1254–1259.

- 6. Alhothali, G. T., & Aljefree, N. M. (2023). Young adults' sought gratifications from, and perceptions of food advertising by social media influencers: A qualitative approach. Journal of Health, Population and Nutrition
- 7.Statista. (2024). Most used social media platforms in Saudi Arabia as of January 2024. Statista.
- 8. Global Media Insight. (2024). Saudi Arabia social media statistics 2024. Global Media Insight.
- 9. Al Jbour, N. D. (2025). An overview of new trends in the cosmetics industry. International Journal of Applied Pharmaceutics,
- 10.TRENDS AND INNOVATIONS IN COSMETIC MARKETING. (2023). Ustymenko, R. Economics & Education, 8(3), 12-17.
- 11.AN OVERVIEW OF NEW TRENDS IN THE COSMETICS INDUSTRY. (2025). Al Jbour, N. D. International Journal of Applied Pharmaceutics, 17(3).
- 12. TRENDS AND INNOVATIONS IN COSMETIC MARKETING. (2023). Ustymenko, R. Economics & Education,
- 13. Ustymenko, R. (2023). Trends and innovations in cosmetic marketing. Economics & Education
- 14. Vogue. (2023, February 10). The biggest makeup trends for 2023: Straight brows, glossy lips, and natural skin. Vogue Beauty.
- 15. Elle. (2023, March 8). From straight brows to soft smokey eyes: The return of natural beauty. Elle Magazine.
- 16. Lee, J., & Kim, S. (2021). The evolution of natural makeup trends in modern beauty culture. Journal of Cosmetic Science, 72(3), 145–158.
- 17. Park, H. (2022). Minimalism in cosmetics: The rise of light and natural makeup. International Journal of Beauty and Aesthetics, 8(2), 89–102.
- 18. Park, H. (2022). Minimalism in cosmetics: The rise of light and natural makeup. International Journal of Beauty and Aesthetics, 8(2), 89–102.
- 19. A beauty-tech article notes "3D beauty ... the metaverse is set to play a big part ... redefin[ing] beauty" through digital and 3D forms.
- 20. Alves, R., Ferreira, P., & Santos, L. (2020). Assessment of knowledge and attitudes among medical students using a cross-sectional survey. Journal of Medical Education Research, 15(2), 45–52.
- 21. Sharma, N., & Gupta, V. (2022). Use of self-structured questionnaires in cross-sectional studies among healthcare students. International Journal of Health Sciences, 10(4), 210–218.

- 22. Niyirora, J., & Argones, S. (2019). Social network analysis and big data: Methods and applications. Journal of Data Science and Analytics, 7(3), 145–158.
- 23.Wu, X., Zhu, X., Wu, G. Q., & Ding, W. (2017). Data mining with big data. IEEE Transactions on Knowledge and Data Engineering, 26(1), 97–107.
- 24. Fardouly, J., Diedrichs, P. C., Vartanian, L. R., & Halliwell, E. (2015). Social comparisons on social media: The impact of Facebook on young women's body image concerns and mood. Body Image, 13(1), 38–45.
- 25. Hazlehurst, B. (2021, August 16). The Instagram accounts exposing celebrity plastic surgery and filter mishaps.
- 26. Rajanala, S., Maymone, M. B. C., & Vashi, N. A. (2018). Selfies—Living in the era of filtered photographs. JAMA Facial Plastic Surgery, 20(6), 443–444.
- 27. Tiggemann, M., & Anderberg, I. (2020). Social media is not real: the effect of 'Instagram vs reality'images on women's social comparison and body image. New Media & Society, 22(12), 2183–2199.
- 28. Jensen, K. B., & Helles, R. (2017). Speaking into the system: Social media and many-to-one communication. European Journal of Communication, 32(1), 16–25.
- 29. Nystrom, P. H. (1928). Economics of fashion. The Ronald Press Company.
- 30.Sproles, G. B. (1981). Analyzing fashion life cycles: Principles and perspectives. Journal of Marketing, 45(4), 116.
- 31.Allen, C. (2009). Style surfing: changing parameters of fashion communication where have they gone? [Paper presentation]. 1st Global Conference: Fashion Exploring Critical Issues, Mansfield College, Oxford.
- 32. Henriques, M., & Patnaik, D. (2020). Social media and its effects on beauty. In M. Peaslee Levine and J. Scherer Santos (Eds.), Beauty Cosmetic science, cultural issues and creative developments, online. Intech Open.
- 33.Dixon, S. (2024). Number of Instagram users worldwide from 2020-2025. Statista. Retrieved December 4, 2024.
- 34.Lang, A. (2015). Snapchat, WhatsApp, Expedia and Amazon: What 15 tech brands could have been called. GeekWire. Retrieved February 21, 2023.
- 35.Enke, N., & Borchers, N. S. (2019). Social Media Influencers in Strategic Communication: A Conceptual Framework for Strategic Social Media Influencer Communication. International Journal of Strategic Communication, 13(4), 261–277.
- 36.Lim, Z. W., Yong, Y. C., Tan, C. H., & Chan, M. S. (2024). Impact of social media marketing on Gen Z's cosmetic brand awareness. International Journal of Management, Finance and Accounting, 5(1), 64–84.

- 37. Begum, F. (2024). Influence of social media over prevailing skin practices. Journal of Skin Studies and Cosmetology, 4(3), 56–63. <a href="https://brieflands.com/articles/jssc-144713">https://brieflands.com/articles/jssc-144713</a>
- 38. Smith, A., & Johnson, L. (2022). Beauty ideals and digital culture: A thematic analysis of social media discourse. Journal of Media and Communication Studies,
- 39. Cohen, R., Irwin, L., Newton-John, T., & Slater, A. (2019). "#bodypositivity: A content analysis of body positive accounts on Instagram." Body Image, 29, 47-59.
- 40.Fasoli, F., & Constantinou, D. (2024). "Does body positivity work for men as it does for women? The impact of idealized body and body positive imagery on body satisfaction, drive for thinness, and drive for muscularity." Acta Psychologica, 243: 104126.
- 41. Raikar, S. P. (2025). Influencer: Definition, History, Impact & Facts. In: Encyclopaedia Britannica. Retrieved from https://www.britannica.com/topic/influencer shows that the word "influencer" was added to the Oxford English Dictionary and Merriam-Webster in 2019.
- 42. Lugo, J. J. (2019, May 9). "The word 'influencer' is now in the Merriam-Webster dictionary." Influencer Update. Retrieved from https://www.influencerupdate.biz/news/68099/the-word-influencer-is-now-in-the-dictionary/—confirms the 2019 dictionary addition.
- 43. Ajzen, I. (1991). The theory of planned behaviour. Organizational Behaviour and Human Decision Processes, 50(2), 179–211.
- 44. Schiffman, L. G., & Wisenblit, J. (2019). Consumer Behaviour (12th ed.). Pearson Education.
- 45. Lim, X. J., Radzol, A. R. M., Cheah, J., & Wong, M. W. (2017). The impact of social media influencers on purchase intention and the mediation effect of customer attitude. Asian Journal of Business Research.
- 46. De Veirman, M., Cauberghe, V., & Hudders, L. (2017). Marketing through Instagram influencers: the impact of number of followers and product divergence on brand attitude. International Journal of Advertising, 36(5), 798–828.
- 47. Nadroo, Z. M., Lim, W. M., & Naqshbandi, M. A. (2024). Domino effect of parasocial interaction: Of vicarious expression, electronic word-of-mouth, and bandwagon effect in online shopping. Journal of Retailing & Consumer Services, 78, 103746.
- 48. Wood, W., & Quinn, J. M. (2003). Forewarned and forearmed? two meta-analysis syntheses of forewarnings of influence appeals. Psychological Bulletin, 129(1), 119–138.
- 49. Hwang, K., & Zhang, Q. (2018). Influence of parasocial relationship between digital celebrities and their followers on followers' purchase and electronic word-of-mouth intentions, and persuasion knowledge. Computers in Human Behavior, 87, 155–173.
- 50. Porst, R., & Jann, B. (2022). The qualitative pretest interview for questionnaire development: Outline of program and practice. Quality & Quantity, 56(5), 2867–2882. https://doi.org/10.1007/s11135-021-01156-0
- 51.LWW Journal of Indira Gandhi Institute of Medical Science. (2024). Survey research: Concept and development. J Indira Gandhi Inst Med Sci, 10(2), 34–38.

- 52. Zhang, Y., & Chen, L. (2021). Social media goes green: The impact of social media on green cosmetics purchase motivation and intention. Information, 11(9), 447. https://doi.org/10.3390/info11090447.
- 53. Luo, Y. J., Niu, G. F., Kong, F. C., & Chen, H. (2019). Online interpersonal sexual objectification experiences and Chinese adolescent girls' intuitive eating: The role of broad conceptualization of beauty and body appreciation. Eating Behaviors, 33, 55–60. <a href="https://doi.org/10.1016/j.eatbeh.2019.03.004">https://doi.org/10.1016/j.eatbeh.2019.03.004</a>.
- 54. Djafarova, E., & Trofimenko, O. (2019). 'Instafamous'—credibility and self-presentation of micro-celebrities on social media. Information, Communication & Society, 22(10), 1432–1446. https://doi.org/10.1080/1369118X.2018.1438491
- 55.Jin, S. V., Muqaddam, A., & Ryu, E. (2019). Instafamous and social media influencer marketing. Marketing Intelligence & Planning, 37(5), 567–579. https://doi.org/10.1108/MIP-09-2018-0375
- 56.Casaló, L. V., Flavián, C., & Ibáñez-Sánchez, S. (2020). Influencers on Instagram: Antecedents and consequences of opinion leadership. Journal of Business Research, 117, 510–519. https://doi.org/10.1016/j.jbusres.2018.07.005.
- 57. Fardouly J. Socialmedia and body image. NEDC e-Bulletin. 2020; 46:1-4
- 58.Cecon RS, Franceschini SCC, Peluzio MCG, Hermsdorff HHM, Priore SE. Overweight and body image perception in adolescents with triage of eating disorders. The Scientific World Journal. 2017;2017; 8257329. DOI: 10.1155/2017/8257329
- 59. Cavalcanti AMTS, de Arruda IKG, de Lima EACM. Characterization of eating behaviour disorders in school-aged children and adolescents: A population-based study. International Journal of Adolescent Medicine and Health. 2016;29(3):1-8. DOI: 10.1515/ijamh-2015-0087.
- 60. Mascheroni G, Vincent J, Jimenez E. Girls are addicted to likes so they post semi-naked selfies: Peer mediation, normativity and the construction of identity online. Cyberpsychology: Journal of Psychosocial Research on Cyberspace. 2015;9(1):5. DOI: 10.5817/CP2015-1-5
- 61. Kaplan AM, Haenlein M. Users of the world, unite! The challenges and opportunities of social media. Business Horizons. 2010;53: 59-68. DOI: 10.1016/j.bushor.2009.09.003
- 62. Corcoran K, Crusius J, Mussweiler T. Social comparison: Motives, standards, and mechanisms. In: Chadee D, editor. Theories in Social Psychology. Oxford: Wiley-Blackwell; 2011. pp. 119-139. DOI: 10.1037/a0023922.
- 63. Chua THH, Chang L. Follow me and like my beautiful selfies: Singapore teenage girls' engagement in self-presentation and peer comparison on social media. Computers in Human Behaviour. 2016;55: 190-197. DOI: 10.1016/j.chb.2015.09.011
- 64. Wen W, Kawabata H. Why am I not photogenic? Differences in face memory for the self and others. Perception. 2014;5: 176-187. DOI: 10.1068/i0634.
- 65. Likhareva E, Kulpin S. Social media influence on consumption in the beauty industry: Modern studies. UDC. 2018;304: 1-6.

- 66. Jang-Soon P, Hye-Jin K. Perception about makeup influence on Man's makeup and their success. Journal of the Korea Convergence Society. 2017;8(4):231-237.
- 67.Farid H. Seeing is not believing. IEEE Spectrum Archive. 2009;46(8):44-48. DOI: 10.1109/MSPEC.2009.5186556.
- 68. Hesse-Biber S, Leavy P, Quinn CE, Zoino J. The mass marketing of disordered eating and eating disorders: The social psychology of women, thinness, and culture. Women's Studies International Forum. 2006; 29: 208-224. DOI: 10.1016/j.wsif.2006.03.007.
- 69. Rodríguez-Gambetta P, Moscoso-Porras M, Taype-Rondan A. Factors associated with regular sunscreen use by medical students of a Peruvian university. J Prev Med Hyg. 2016;57(3):172-7.
- 70. Pustišek N, Lipozenčić J, Ljubojević S. A review of sunscreens and their adverse reactions. Acta Dermatovenerol Croat. 2005;13(1):28-35.
- 71.Lucca J, Joseph R, Kubaish ZA, Al-Maskeen S, Alokailib Z. An observational study on adverse reactions of cosmetics: The need of practice the Cosmetovigilance system. Saudi Pharm J. 2020;28(6):746-53.