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Influence of Technology on Indian Literature

Dr. Basavva C. Nidagundi
Associate Professor of English,
Shri K. M. Mamani, GFGC Saundatti, Dist: Belagavi, Karnataka
Corresponding Author – Dr. Basavva C. Nidagundi
DOI - 10.5281/zenodo.23085516

Abstract:

The word "technology" and its uses have immensely changed since the 20th century and with time, it has continued to evolve ever since. We are living in a world driven by technology. The advancement of technology has played an important role in the development of literature along with cultural change and human civilization. Technology provides innovative ways of doing work through various smart and innovative means. In the Digital Age, it is highly impossible to imagine any work reaching its desired recipients without being processed or affected by technology or tools at any stage during its production lifecycle.

Technology has brought a tremendous change in the nature, boundaries and structure of information. The ongoing movement towards an electronic information society is pushing libraries towards automation and digitization. India has witnessed a significant growth in technology in the past few decades. With the rise of the internet, mobile devices, and social media, technology has become an integral part of our lives. While technology has undoubtedly brought many benefits, it has also had a profound impact on Indian literature. Technology is a sort of innovation which is rapidly changing and is continuously affecting the Indian literature. One of the most significant influencess of technology on Indian literature has been the rise of a new generation of digital natives.

Technology has also had a significant influence on Indian language and communication. With the rise of the internet and mobile devices, many young people are now communicating in English or a hybrid of English and their native language. This has led to concerns about the erosion of traditional language and cultural norms. Moreover, technology has also affected traditional social structures and relationships. With the rise of social media and dating apps, young people are increasingly forming relationships and social connections outside their immediate communities. This has led to a shift in the traditional family structures and societal norms. Influence of technology and digital platforms on Indian literature considering new methods and challenges in the digital era.

Keywords: Technology, Indian Literature, Society, Culture, Tradition, Language

Introduction:

Technology has brought significant changes to Indian literature. In the past, literature was mainly shared through handwritten manuscripts, printed books, newspapers and magazines. Today, digital technology has created a new ways of writing, publishing, reading and discussing literature. The Internet, smart phones, social media, e-blogs and digital publishing platforms have made Indian literature more accessible to a wider audience.

Literature and Society:

Literature is considered as a mirror of society because it reflects the problems, issues, and experiences prevalent in a particular society. Literature is that which create ideas in a person's mind to learn more. Literature improves human and social relationships because it is good for any

socialist. Literatures are the weapons who relate us easily from any other traditions.

It allows people to explore unfamiliar and unknown places, cultures, arts and traditions. Literature has lot of means like as preventing, transmitting, and documenting, knowledge and enjoyment, as well as providing a social, psychological, spiritual, or political function. Literature is an art form; it can also include works in various non-fictional forms like biography, diaries, memory, story, short story, poetry letters, and the essay.

Literature has had major impression on the progress and development of society. Literature is the medium which focus on different values of our society, our aspects, themes views and shaped civilizations, exposed injustice, learnt behaviours, human values and ethics values our culture and also preview human experiences.

Indian Literature:

India is a country of huge diversity so here; there are different people with their different religion, thoughts, traditions, languages, views, morals, human values, ethics etc. India as a country plays an integral and significant contribution to the literature world enhances, India is enriched in their traditions and cultures. India has a diverse and distinct culture that has been developing for thousands of years and varies from region to region. Indian culture is unique and through modernity has occurred over the years. The people of India remain rooted in their rich heritage. India is socially, culturally and linguistically very diverse. Many languages are used here to motivate the human ethics. Our culture is a platform that holds information related to the history, culture and heritage of India

India is a land of rich culture and tradition which teach people kindness, generosity. Family plays a vital role in every Indian household. Indians are known to live together as a joint family and the next generation of offering as well and the house gets passed down family to family throughout the generations. Everything should be shared and the concepts of family get togetherness. Festivals are also another weapon of traditions we are known by everyone all over the world. These festivals can be religion seasonal and are of national importance. It brings love, bond, cross -culture exchange and moments of happiness among peoples.

Literature and Culture:

Literature reflects both actual historical events and the culture of a people. We can explore everything through literature and the way is so easy. Only we have to understand the technology what they care about their Pride, prejudice, hope, fear, care, love, hate etc. Expressing cultural values in literature is done through the author. It's his or her way of teaching the concepts and views. Hence, Literature is the set of ideas and philosophies that govern our society. Dr. Shyamsundardas, said that “Mixed collection of different poetic works is literature” .Munshi Prem chand said that literature is as an "analysis of life".

According to him, literature can be in the form of an essay, a story or poetry. He also adds that literature criticize and clarify our life style. Matthew Arnold says "literature is to be a criticism of life” and “Poetry delivers from the heart and explains life."

Indian culture is unique and through modernity has occurred over the years. The people of India remain rooted in their rich heritage. India is socially, culturally and linguistically very diverse. Many languages are used here to motivate the human ethics. Our culture is a platform that holds information related to the history, culture and heritage of India.

Relation between Literature and Society:

The relationship between literature and society is connected with each other. Literature is a reflection of the society where it is generated. Literature is created only on the base of ordinary life. The beauty of the society, its prosperity and its good manners is based on literature only. There are some factors of social power or essential force, social trouble or dislike and social civilization or bad manners that effect literature. Relates to our topic Indian literature has strong influence of oral tradition. Idea of Indian literature is not based on language ----literature equation. Because of India's multi language situations writers are writing in many languages. Folk and tribal literature has a very strong presence in the Indian literary since.

Influence of Technology:

Today's world is considered as a small village because of technology. The process of communication and transmission of information has become so fast that it has spread worldwide, and has greatly affected human life and brought about a radical change. Information technology has made the education process more effective and productive. It has increased the well-being of the students. Developed methods of education have made this process easier, such as the replacement of books with tablets and laptops. Moreover, the emergence of e-learning platforms allows students to learn from their homes.

Technology Influenced Indian Literature:

Technology has significantly transformed traditional literature into digital literature. Digital Literature is a genre of literature encompassing works created exclusively on and for digital devices, such as computers, tablets, and mobile phones. According to writer Simon Groth, the intention of digital literature is to "showcase innovation and creativity in storytelling for digital media and new directions in contemporary literary practice informed by technology." The video poems on YouTube, short stories on Twitter or a hypertext story are all forms of literature, digital literature to be precise. The effect of the digital tools for learning the literature is that due to its present ubiquity it reduces inequality and promotes inclusivity. In a country like India, plagued by poverty and dearth of learning resources and access to centers of excellences in learning in a democratic fashion, digitization has become a great tool.

Technology has influenced Indian literature in many ways like writing process, literary culture, writing style and form of literature etc. Technology has made writing more efficient and easier for writers by providing tools like spell checkers, autocorrect, and syntax highlighters. Writers can also use technology to interact with readers and get feedback on their work. Technology has influenced writing styles, making writing more informal and using more abbreviations.

A transformative era for literature has begun with the arrival of the digital age which has changed how we create, read, and evaluate written works. Digital formats have replaced traditional print media, which has an effect on reader interaction and engagement with literary content. Novel literary genres have emerged such as interactive storytelling, hypertext narratives and experimental forms that leverage technology. Digital platform has made literature more accessible to a wider audience by facilitating worldwide distribution and bringing a variety of literary voices together.

Author, distribution and book marketing have all changes as a result of the distribution of traditional publishing models brought about by e-book, self-publishing and online platforms. Social media platform are playing a significant role in shaping literary discussions, offering readers and

author new spaces for engagement, critique and collaboration.

Human beings have an innate inclination to use tools and technology. Man has been discovering and inventing tools and technologies to make life easier. From using stones for producing fire to making a computer to write, edit and print, the journey of innovation for convenience seems longer than life. The technology not only compensates and complements human deficiencies, but also enhances our productivity.

MacKenzie and Wajcman observed that it is a vital aspect of the human condition. The technology has become central to our lives, and has the potential to make or break us. Humans and technology are very much related, and influence each other.

Printing Technology:

Writing has existed even thousands of years ago. From writing on stones, barks of tree and paper to printing, many innovations have shaped and enhanced the art of writing. The modern printing began five centuries ago when a printing press was established in Mainz, Germany in late 1440s. As a result of printing, prices of books fell and access to literature became affordable. Dittmar noted that it also transformed how ideas were shaped and disseminated. Therefore, historians regarded printing a significant revolutionary invention in the history of mankind.

Information Technology (IT):

After the dramatic push that literature and literary works received with printing, a major boost to reading and writing came with the coming of Technology and Internet. In early 1970s, personal computers began entering academic spaces and offices gradually replacing paperwork and improving productivity. It entered into all sectors and industries at its own pace, and influenced our ways of working. Tech corporations like International Business Machines (IBM), Microsoft and Apple have come up with a variety of productivity software which eases reading, writing publishing.

Technology and Literary Output:

Technology breaks down boundaries as literature does. It has proved itself efficient in many human tasks from calculating to organizing, curating and even generating information. The relationship between literature and technology is that of symbiotic partners, where in both partners have enriched and fed each other. It has the potential to influence production of literary work. In order to understand impact of technology on literary work and its producer, it is vital to know what goes into production of a literary work. The process of production of a literary work involves inspiration for an idea, weaving of relevant ideas and thoughts into a narrative, and editing the work before sending it for publishing.

Publish:

A ready-to-print draft of any literary work needs designing as well. Here comes the role of desktop publishing and creative suits such as Photoshop, CorelDraw, InDesign, QuarkXPress, iWork etc. A picture is worth thousand words. Therefore, writers and publishers aspire for attractive and meaningful title page, layout, color and font for their literary works. They involve in designing of a work with technical help, and use technology that supplement and enhance overall beauty of the ready-to print work. A better design catches human attention. In fact, a literary work and its design are inseparable entities. After everything is ready, a simple print command to offset printer or a normal one generates as much copies needed.

Future:

Twenty First Century is driven by internet and internet-powered technologies. And Artificial Intelligence (AI) has opened up infinite possibilities of automation of human activities, including creative works. Creative tasks such as composing poetry and music, drawing a painting and writing a fiction are being performed using modern technologies, algorithms, AI, and virtual reality (VR). Czech philosopher Vilem Fusser thinks that with automation human beings would become super fluous to writing, while others believe that no computer can genuinely understand language like a human being does.

Influence of Technological on Culture:

The culture of a society is reflected in values, norms and practices. Culture observes itself through individuals to reflect their perception, practices and values and in transfer of technology. Technology has a crucial impact on fundamental aspects of all our cultures including language, art, mobility, education and religion. Culture of a community acts as a standard for perceiving, judging and evaluating the technology. As technology affects all the components of culture, it determines the direction of cultural development. To occupy the larger cultural dimension, technology should be in harmony with social and cultural conditions of community else there exists a friction between technological development and preservation of cultural values. A rational balance allows people to exercise freedom of expression in technical world which is beyond one's ethnicity, age, or level of education. People use it for fulfilling their fantasies but a cultural downfall may occur due to lack of restrictions, regulation and/or consequences

Influence of Technological on Tradition:

There exists always a tough competition between technology and tradition in a community. Technology has constrained the world into a global village by globalization. Imagination of today's life without electricity, transportation, communication, etc. takes us back in time. The advancement in the field of medical science, engineering, economy, etc. is as a result of technology. Industrialization, Urbanization, Modernization, Development of the means of transport and communication is all possible as a result of positive impact of technology. It also helps in networking of the culture, tradition and coherence of the society. The 21st century has been so much forward due to the progress of technology.

Objectives of the Study:

1. To study the positive and negative effects of technology on different segments of Indian literature.
2. To find out the opportunities and challenges faced by the reader and the author.
3. To find out the influence of technology on literature.
4. To analyze the future prospects of the technology on literature.

Research Methodology:

With the end goal of the investigation, both the essential and secondary Data have been used from different sources. Interview method has been used with the end goal of collection of essential information. A sample of 100 people was taken from students, professionals and households etc. Secondary information has been compiled from different online sources, for example, websites, articles with the end goal of references

Positive Impact of Technology on Indian Literature:

As latest technology helps in better techniques of creation and processing, so it helps in better usage of resources for the reading and writing literature. Modern in one sense that they can use the Google, YouTube and educational applications from the internet for their knowledge purpose and in addition to keep themselves updated. Imparting the information and vital documents to the help of computerized media and social media has transformed the manner in which literature was seen earlier.

Indians are very active on different social networks and 88% of users share content on their social profiles and as well are increasingly spending time on various social networking sites as mentioned below. Facebook is the most browsed social network on social media with a large base of 100 million users, clearly it is not fading away anytime soon in India. More than 80% of those user's access Facebook via their mobile phone. Total Twitter users in India are 33 million and from this base 76% of users access it via their mobile phone. Instagram the usage is more dominated by men in comparison to women; ratio being 75:25. It shows only 1/4th of the women population in India are on Instagram, looks like selfies are more appreciated by men than women!

By the help of these social media popularity of e-readers increasing day by day. Thus, literature is getting digitized. Social media has helped emerging and established writers to form various groups which can help them to contribute their ideas and receive appreciation, recognition, and valuable feedbacks from other writers. Thus, social media can help them to polish their skills

Negative Impact of Technology on Indian Literature:

Every coin has opposite sides; comparably technology is having some negative effects also separated from its positive effects. The negative effects are as per the following:

1. Technology Effect Oral Literature The development of writing and printing technologies has reduced the appreciation of oral literature's unique qualities and cultural significance. The shift to conceptual and logical language in science and technology has created a barrier between literature and scientific advancements.
2. Technology Effect Language of the Indian Literature: Technology has changed the way people use language, communicate, and express them. For example, people use acronyms and new spellings in texting, chatting, and emailing. In Hindi, people use Roman script for writing SMS, Face book, and E-mail because electronic gadgets do not provide the Devnagari script.
3. Technology Effect Social Values of Indian Literature: Excessive use of technology can lead to people becoming more materialistic and having less interaction with their families. This can negatively affect the culture of Indian society. Etc.
4. Data Analysis: Response will collect through questionnaire comparing the following questions. The responses were analyzed as detailed.

Conclusion:

Technology and literature are merging to create a new hybrid future for narrative. The complex web of literary development includes e-books, interactive stories, online communities, and AI-generated material. Literature is said to be mirror of society. Indian literature through the age's right from the Vedic to modern as capture

the spirit of Indian society and culture the literary work has been Indian specific. The advent of technology as affected the essence and spirit of Indian literature as well. The Indian literature adopted technical changes to keep pace with pressing needs of the time. Since the invention of various techniques in writing i.e. paper, ink, printing press, binding, circulation, literature got changed. There is a great fear taking the wider impact of technology on written Indian literature. The cultural, social, and economic life of man has drastically changed.

There are both advantages and disadvantages of the Indian literature in the age of technology for through technology the excess is made however the real essence of Indian literature will not lose its value. It is not the question that literature will last or not. The imaginative Indian literature has always remained an integral part of society. Indian Literature is important in our life as it connects individuals with larger truths and ideas of the world. Despite various changes, Indian literature will serve its purpose as it did in earlier times. The rapidly growing influence of technology has altered the way in which we live and think. The cultural, social, and economic life of man has drastically changed with the help of literature. However, the big question that in which form literature will last remains uncertain. The future of the Indian literature will be more different from the present and the value of it will keep on changing. Indian Literature and technology have influenceded on each other because literature has been retained as a witness of various changes since centuries.

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Human Stories in an Algorithmic Age: Artificial Intelligence, Authorship and the Changing Meaning of Literature in Contemporary India

Imran Mulla

Assistant Professor, Department of English,

KLE Society's Shri Shivayogi Murrughendra , Swamiji Arts, Science and Commerce College, Athani

Corresponding Author –Imran Mulla

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Abstract:

The rapid expansion of artificial intelligence has introduced a new phase in the relationship between literature and technology. Generative artificial intelligence can now produce poems, stories, translations, summaries and apparently creative prose within seconds. Such developments raise questions that are fundamentally literary rather than merely technological: What constitutes authorship when a machine participates in writing? Can algorithmically generated language be regarded as creative? What happens to concepts such as originality, imagination, experience and authorial intention when literary production becomes partly automated? These questions acquire particular significance in India, where literary culture is multilingual and deeply connected with histories of caste, gender, religion, region, migration and cultural memory.

This paper examines artificial intelligence as a contemporary challenge to conventional understandings of literature and authorship, with particular attention to the Indian literary context. Drawing upon Roland Barthes's concept of the "death of the author," Michel Foucault's idea of the "author-function," and recent debates in digital humanities, the paper argues that artificial intelligence does not simply replace the writer; rather, it makes visible the complex relationship between language, technology, cultural memory and human agency that has always shaped literary production. At the same time, the apparent fluency of AI-generated writing should not be confused with culturally situated human experience. Indian literature frequently derives its power from linguistic particularity, memory, social conflict and lived histories that cannot easily be reduced to computational patterns. The paper therefore proposes that the age of AI requires not the abandonment of the human author but a renewed understanding of human authorship as an ethical and culturally situated practice.

Keywords: Artificial Intelligence; Authorship; Indian Literature; Digital Humanities

Introduction: Literature at a Technological Crossroads

Literature has never existed outside technology. The transition from oral storytelling to writing, from manuscript culture to print, and subsequently from print to electronic publication has repeatedly transformed the production and circulation of literary texts. Each technological transformation has also generated anxieties concerning what might be lost in the process. In the twenty-first century, however, artificial intelligence presents a somewhat different problem. Technology no longer appears merely as the medium through which literature is produced or circulated. It increasingly participates in the production of language itself.

Generative artificial intelligence systems can produce poetry, fiction, dialogue, literary criticism and translation in response to relatively simple instructions. Consequently, the distinction between the technological instrument and the creative agent has become increasingly difficult to define. Recent scholarship on digital humanities in India similarly observes that digital

technologies are altering literary production, readership, textuality and linguistic practices while creating new questions about algorithmic influence, copyright and creativity.

Rather than asking whether artificial intelligence will "destroy" literature, this paper asks a more productive question: What does artificial intelligence reveal about the meaning of authorship, creativity and human experience in literature? The central argument is that AI does not necessarily signal the disappearance of the literary author. Instead, it compels literary studies to distinguish more carefully between the ability to produce linguistically convincing texts and the human capacity to write from historically situated experience. This distinction becomes particularly important in India because Indian literary traditions emerge from extraordinarily diverse linguistic, regional, religious, caste and cultural contexts.

From the 'Death of the Author' to the Algorithmic Author:

Questions concerning authorship existed long before artificial intelligence. Roland Barthes's influential essay "The Death of the Author" challenged the conventional assumption that the meaning of a literary work originates exclusively in the intentions and biography of its writer. For Barthes (1977), a text is composed from already existing cultural languages and discourses. Meaning therefore emerges through reading rather than remaining permanently controlled by the author.

Michel Foucault (1977) approached the question differently through his concept of the "author-function." For Foucault, the author is not simply the biological individual who writes a text. Authorship is also a cultural and institutional category through which societies classify, circulate and assign responsibility to texts. Artificial intelligence gives these theoretical debates unexpected contemporary relevance.

An AI-generated poem complicates the apparently simple question, "Who wrote this?" The answer may involve several agents: the designers of the computational system, the enormous body of language upon which it was trained, the individual who formulated the prompt, the algorithm that generated the response and the person who subsequently selected and edited the text. Yet Barthes's "death of the author" should not be simplistically transformed into the "birth of the machine author." Barthes questioned the author's monopoly over interpretation; he did not argue that human experience itself had become irrelevant to literary creation.

Can Artificial Intelligence Be Creative?

At first sight, generative AI appears remarkably creative. It can imitate poetic forms, generate metaphors, construct characters and reproduce features associated with particular literary genres. Such abilities challenge the popular assumption that linguistic creativity belongs exclusively to human beings. However, linguistic novelty and human creativity need not be identical.

Human literary creation emerges from an embodied relationship with the world. Writers remember childhood, experience displacement, encounter social hierarchies, form emotional relationships and inhabit particular languages and communities. Literature transforms these experiences through imagination. An algorithm does not experience these conditions in the same sense. It may generate a description of migration without having migrated, produce a narrative concerning religious conflict without possessing religious belief, or compose a story about caste discrimination without occupying a caste location.

The distinction matters especially for literary studies. Literature has never been valuable merely because sentences are grammatically sophisticated. Literary texts become culturally meaningful because language carries histories, memories, contradictions and perspectives. Consequently, AI forces criticism to reconsider the difference between textual production and experiential authorship.

Why the Indian Context Matters?

The problem becomes still more complex in India. Indian literary culture cannot be adequately understood as a single homogeneous tradition. It exists through multiple languages, regional histories, oral traditions, religious vocabularies and social identities. Contemporary Indian writing frequently moves between English and regional languages and between local cultural worlds and global literary forms.

Words such as dharma, izzat, jati, bhakti or sampradaya carry histories and semantic associations that cannot always be transferred completely into apparently equivalent English terminology. Regional literary texts similarly contain idioms, dialects, proverbs, folk memories and culturally embedded forms of humour whose meanings depend upon social context. AI may translate the words while flattening the cultural world surrounding them.

The issue is therefore not simply whether artificial intelligence understands Indian literature. The more significant question concerns which versions of India become computationally visible. Digital systems work most effectively where substantial quantities of machine-readable material are available. Literatures with extensive digital archives therefore possess advantages over texts existing predominantly in print, manuscript or oral traditions. Digital inequality can consequently become a form of literary inequality.

AI and the Problem of Cultural Memory:

Literature functions as one of society's repositories of memory. Novels, poems and autobiographies preserve experiences that official histories sometimes overlook. Partition literature, Dalit writing, women's narratives, Indigenous traditions and regional literatures provide obvious examples. They preserve voices through narrative form.

Artificial intelligence introduces a paradox into this relationship. On one hand, digital technologies can dramatically increase access to literature. Digitisation can preserve fragile texts; machine translation can introduce regional writing to new audiences; text-to-speech technologies can improve accessibility; and computational tools can help scholars examine large literary archives.

On the other hand, algorithmic mediation can produce cultural simplification. If culturally specific narratives are processed primarily according to dominant linguistic patterns, differences may become normalized into more familiar categories. The challenge is therefore not to choose between literature and technology. It is to develop technological practices capable of respecting literary difference.

Authorship, Originality and Ethical Responsibility:

AI-generated literature also raises questions concerning ownership and responsibility. Traditional literary culture assumes that an identifiable person bears responsibility for a published work. Artificial intelligence complicates this assumption because generated texts emerge through interaction among datasets, algorithms and human prompts.

Suppose an AI system produces a poem resembling the language of a living poet. The resulting poem may contain no directly copied passage, yet its stylistic resemblance raises

questions of creative ownership. Similarly, if thousands of literary works contribute to the training of computational systems, the relationship between individual creativity and machine-generated recombination becomes ethically significant.

Thus, the age of AI may make the idea of authorship more, not less, ethically important. The human participant remains responsible for decisions concerning selection, revision, attribution and publication, even when computational systems participate in producing language.

The Continuing Importance of the Human Reader:

Discussion about artificial intelligence frequently concentrates upon writers, but literature requires readers as well. Reading is not merely information retrieval. A reader brings memory, expectation, emotion and cultural experience into an encounter with a text. The same novel can therefore acquire different meanings across generations and communities.

Artificial intelligence can assist literary interpretation by identifying patterns, comparing large collections of texts or retrieving contextual information. Nevertheless, pattern recognition and interpretation should not be treated as synonymous. Knowing that a word occurs fifty times in a novel is different from explaining why its repetition matters aesthetically, historically or culturally.

The productive future of literary studies therefore lies neither in rejecting AI nor surrendering interpretation to it. It lies in combining computational assistance with critical human judgement.

Literature in the Indian Classroom:

The emergence of generative AI also affects the teaching of literature. Students can now generate summaries, essays and interpretations almost instantaneously. Consequently, conventional assignments asking students merely to write a summary or explain a theme are increasingly inadequate as measures of literary understanding.

Literature teaching must therefore move towards activities that demand interpretation: comparison of passages, close reading, contextual analysis, oral discussion, reflection upon translation and justification of competing interpretations. Paradoxically, AI may therefore force literary education to rediscover what literary study does best.

The central question will no longer be whether a student can reproduce information about a text. Instead, teachers may increasingly ask whether students can read carefully, interpret responsibly and defend an interpretation through textual evidence. These are deeply humanistic abilities.

From Human versus Machine to Human with Machine:

The debate surrounding artificial intelligence is often constructed through opposition: human versus machine, creativity versus computation, literature versus technology. Such binaries are inadequate. Technology has always participated in literary culture. Printing transformed authorship; newspapers altered prose; typewriters affected writing practices; cinema reshaped narrative imagination; and digital publication changed reading habits.

The appropriate question is therefore not whether technology should enter literature. It already has. The question is what kind of relationship between technology and literary culture should be developed. A responsible model would regard AI as an instrument capable of assisting translation, accessibility, archival work, linguistic exploration and textual research while

preserving human accountability for interpretation and publication.

Such a model neither romanticises human creativity nor exaggerates machine intelligence. It recognizes their differences and places ethical human agency at the centre of literary practice.

Conclusion:

Artificial intelligence has reopened one of literary theory's oldest questions: who, or what, is an author? Yet its significance extends beyond authorship. AI challenges scholars to reconsider creativity, originality, cultural memory, linguistic diversity and the purpose of literary education.

For contemporary India, these questions possess particular urgency. India's literary richness lies precisely in the multiplicity of its languages, communities and cultural memories. Digital technologies can make this diversity more accessible, but technological access does not automatically guarantee cultural understanding.

The future of literature therefore need not be imagined as a struggle between human beings and machines. A more productive approach recognizes that artificial intelligence can generate language, detect patterns and facilitate access while human writers and readers continue to bring historical consciousness, cultural location, ethical responsibility and lived experience to literature.

The most significant contribution of AI to literary studies may consequently be an unexpected one. By demonstrating how effectively machines can reproduce the forms of human language, artificial intelligence forces us to ask more carefully what makes literature human. The answer may lie not simply in words themselves, but in the lives, memories, histories and responsibilities from which words acquire meaning.

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Reclaiming Voice: Identity, Gender And Social Justice In Contemporary Indian English Literature

Vijaykumar S. Meeshi
Department of English,
K.L.E. Society's S.V.S. Bellubbi Arts & Commerce College, Saundatti
Corresponding Author – Vijaykumar S. Meeshi
DOI - 10.5281/zenodo.23085566

Abstract:

Contemporary Indian English literature has become an important space for examining questions of identity, gender, caste and social justice. Indian society is characterized by diverse social and cultural identities, and literature reflects the tensions that arise between individual identity and social expectations. The present paper examines the representation of identity, gender discrimination and social inequality in selected contemporary Indian writings. It focuses particularly on Arundhati Roy's The God of Small Things, Bama's Karukku, Meena Kandasamy's When I Hit You: A Memoir of Love and Violence, and Yashica Dutt's Coming Out as Dalit. The paper argues that these works give voice to marginalized experiences and challenge dominant social structures. The study uses a qualitative and interpretative method, supported by feminist, Dalit and intersectional perspectives. The analysis shows that caste, gender and class often intersect in shaping individual identity. Contemporary literature therefore moves beyond merely representing marginalized people and enables them to become active subjects who narrate their own experiences. Literature becomes a medium of resistance, self-expression and social awareness and contributes to the broader discourse of equality, dignity and social justice.

Keywords: Indian English Literature, Identity, Gender, Caste, Social Justice, Dalit Literature, Feminism, Intersectionality.

Introduction:

Literature is closely connected with the society in which it is produced. It reflects social realities, but it also questions existing beliefs, values and power structures. In contemporary India, issues such as caste discrimination, gender inequality, social exclusion, identity and human dignity have become important subjects of literary representation.

Identity is not simply an individual characteristic. It is shaped by caste, gender, class, family, language, culture and social institutions. An individual's identity is often influenced by how society accepts, defines or excludes that person. Literature provides a space where such identities can be examined and questioned.

Contemporary Indian English literature has witnessed the emergence of powerful voices from women and marginalized communities. These writers challenge traditional representations and provide alternative perspectives on Indian society. Their works demonstrate that questions of gender cannot always be separated from caste, class and other forms of social inequality.

The present paper examines the relationship between **identity, gender and social justice** in selected contemporary Indian literary works.

Objectives of the Study:

The main objectives of the study are:

1. To examine the representation of identity in contemporary Indian literature.
2. To analyse the relationship between gender, caste and social power.
3. To study the representation of marginalized voices.
4. To examine literature as a form of resistance and self-expression.
5. To understand the contribution of literature to the discourse of social justice.

Research Methodology:

The study follows a **qualitative and interpretative approach**. Selected literary texts are analysed through close reading and thematic interpretation.

The major theoretical perspectives used are:

- Feminist literary criticism
- Dalit studies
- Postcolonial theory
- Intersectionality

The primary texts selected for discussion are:

- Arundhati Roy's *The God of Small Things*
- Bama's *Karukku*
- Meena Kandasamy's *When I Hit You: A Memoir of Love and Violence*
- Yashica Dutt's *Coming Out as Dalit*

These works have been selected because they represent different experiences of caste, gender, identity and social marginalization.

Identity, Caste and Gender in Contemporary Indian Literature:

Identity is one of the central concerns of contemporary literature. In a socially diverse country such as India, identity is shaped by several factors. Caste, gender and class can influence an individual's opportunities, relationships and social position.

The concept of **intersectionality**, associated with Kimberlé Crenshaw, is useful for understanding these overlapping identities. A person may experience different forms of discrimination simultaneously. In the Indian context, the experience of a Dalit woman, for example, cannot always be understood by considering caste and gender separately.

Indian feminist scholarship has also emphasized the relationship between caste and patriarchy. Uma Chakravarti's concept of "Brahmanical patriarchy" draws attention to the ways in which caste and gender systems reinforce each other.

Contemporary literature gives concrete human expression to these theoretical ideas.

Caste and Social Boundaries in Arundhati Roy's *The God of Small Things:*

Arundhati Roy's *The God of Small Things* presents caste, gender, family and social conventions through the story of a Kerala family.

The relationship between Ammu and Velutha is central to the novel's exploration of caste and social power. Velutha belongs to a socially oppressed caste, and his relationship with Ammu challenges the boundaries imposed by the caste system.

The novel demonstrates that caste is not merely a social classification. It can influence personal relationships, love, marriage and individual freedom.

Ammu's experience also reveals the operation of patriarchy. As a divorced woman, she occupies a vulnerable position within her family and society. Her choices are judged according to social expectations of respectable womanhood.

Through Ammu, Velutha and the twins Rahel and Estha, Roy demonstrates how social conventions can affect individual lives.

The novel therefore questions the right of social institutions to control personal identity and relationships.

Dalit Identity and Self-Representation in Bama's *Karukku:*

Bama's *Karukku* is an important work in Dalit literature. Written as an autobiographical narrative, it presents the author's experiences of caste discrimination and social exclusion.

The importance of *Karukku* lies in its emphasis on **lived experience**. Caste is represented not as an abstract social concept but as a reality experienced in everyday life.

Bama describes caste discrimination in education, employment, religion and community life. She also examines the experiences of Dalit women, showing that caste and gender oppression can operate together.

The autobiographical form gives the author control over her own story. Instead of allowing others to speak for Dalit communities, Bama speaks from her own experience.

Thus, writing becomes an act of resistance.

Karukku demonstrates how literature can transform an experience of marginalization into a powerful assertion of identity and dignity.

Gender and Violence in Meena Kandasamy's *When I Hit You:*

Meena Kandasamy's *When I Hit You: A Memoir of Love and Violence* examines patriarchy, marriage, domestic violence and female agency.

The text explores how violence can operate within an intimate relationship. The narrator experiences control over her personal, intellectual and emotional life.

One of the important features of the work is its representation of the woman's voice. The narrator does not remain merely a silent victim. She reflects upon her experience and reconstructs her identity through writing.

Writing becomes a means of recovering agency.

The work therefore challenges the idea that violence against women is only physical. Psychological control, restrictions on freedom and manipulation can also become instruments of patriarchal power.

Kandasamy's work demonstrates the ability of literature to bring private experiences of oppression into public discussion.

Caste Identity in Yashica Dutt's *Coming Out as Dalit:*

Yashica Dutt's *Coming Out as Dalit* examines caste identity in contemporary India.

The idea of "coming out" is significant because caste identity may sometimes be hidden because of social stigma. Dutt's narrative explores how caste can continue to influence a person's experiences even after moving into urban, educated or professional spaces.

The book raises questions about identity, social mobility and the politics of naming oneself.

By openly identifying herself as Dalit, the writer challenges the pressure to conceal caste identity.

The text therefore represents self-identification as an important form of agency.

It also demonstrates that caste remains relevant to discussions of contemporary Indian identity and social equality.

Literature as a Voice for Social Justice:

The selected works demonstrate that literature can contribute to social justice in several ways.

First, literature **makes marginalized experiences visible**.

Second, it **creates space for voices that have historically been silenced**.

Third, it **questions stereotypes and dominant representations**.

Fourth, it **preserves memories of discrimination and exclusion**.

Finally, literature encourages readers to think critically about social inequality.

The importance of contemporary literature therefore lies not only in its artistic qualities but also in its ability to initiate social and cultural conversations.

A literary text cannot by itself eliminate caste or gender discrimination. However, it can influence how readers understand these issues. It can humanize social problems and encourage greater awareness of dignity, equality and justice.

Major Findings:

The study arrives at the following findings:

1. Identity is socially constructed: Identity is influenced by caste, gender, class, family and cultural environment.
2. Gender and caste are interconnected: The experiences of women, particularly Dalit women, cannot always be understood by examining gender independently of caste.
3. Self-representation is important: Writers from marginalized communities challenge dominant representations by narrating their own experiences.
4. Literature can become an instrument of resistance: Writing provides a space for questioning social discrimination and patriarchal authority.
5. Marginalized characters can possess agency: Contemporary literature increasingly represents marginalized people not merely as victims but as individuals capable of resistance and self-definition.
6. Literature contributes to social awareness: Literary narratives can encourage readers to recognize inequality and think about the meaning of equality, dignity and justice.

Conclusion:

Contemporary Indian English literature provides an important platform for examining identity, gender and social justice. The selected works of Arundhati Roy, Bama, Meena Kandasamy and Yashica Dutt demonstrate different dimensions of social inequality while emphasizing the importance of voice and agency.

The God of Small Things exposes the relationship between caste, gender and social conventions. *Karukku* transforms Dalit experience into a narrative of identity and resistance. *When I Hit You* examines patriarchy and women's agency in an intimate relationship, while *Coming Out as Dalit* explores caste identity and the importance of self-identification.

A common feature of these works is the movement from **silence to voice and from imposed identity to self-definition**.

Contemporary literature therefore does more than reflect society. It questions social structures, challenges stereotypes and creates space for marginalized experiences.

In this sense, literature becomes an important cultural resource for social justice. It reminds us that equality is not merely a legal or political principle; it is also a question of dignity, recognition and the right to narrate one's own life.

As the selected works demonstrate, **giving voice to the marginalized is also a way of questioning the structures that produced their marginalization**.

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Literature, Technology and Changing Indian Society: Reimagining Culture, Identity and Literary Practice in the Digital Age

Dr. S. C. Jakati

Assistant Professor of English,

C.T.E. Society's Smt. A. A. Patil College of Arts and Commerce for Women, Chikodi; Dist: Belagavi, Karnataka

Corresponding Author – Dr. S. C. Jakati

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Abstract:

The relationship between literature, technology, and society has entered a significant phase of transformation in contemporary India. Digital technologies have altered not only the ways literary texts are produced, circulated, consumed, and preserved, but also the cultural conditions through which literary identity, authorship, readership, memory, and linguistic expression are constructed. This article theoretically examines the changing relationship between literature and technology in the context of Indian society, with particular attention to digital literature, social-media writing, multilingual communication, cultural memory, platformisation, algorithmic visibility, digital inequality, and artificial intelligence. Drawing upon interdisciplinary perspectives from literary studies, media studies, cultural theory, digital humanities, and communication studies, the article engages with the theoretical insights of Marshall McLuhan, Walter J. Ong, Manuel Castells, Henry Jenkins, N. Katherine Hayles, Lev Manovich, Arjun Appadurai, Homi K. Bhabha, and other scholars of digital culture. The discussion argues that technology cannot be treated merely as an external instrument through which already existing literary forms are transmitted. Rather, technological environments function as cultural infrastructures that influence the form, circulation, interpretation, and social value of literature. In India, this transformation is particularly complex because digitalisation occurs within a multilingual, multicultural, and socially differentiated environment in which oral, manuscript, print, audiovisual, and digital practices coexist. Digital platforms have created new possibilities for regional-language expression, marginalised voices, diasporic communities, digital storytelling, electronic literature, and participatory literary cultures. At the same time, algorithmic systems, commercial platform structures, unequal technological access, linguistic disparities, surveillance, misinformation, and artificial intelligence introduce new forms of cultural and technological power. The article further argues that digital technology simultaneously preserves and transforms cultural memory, particularly through digital archives, oral-history projects, audio-visual storytelling, and community-based documentation. Artificial intelligence presents an additional theoretical challenge by destabilising established understandings of authorship, originality, creativity, and literary labour. The article concludes that the future of Indian literary culture requires neither technological rejection nor technological determinism, but a critical and culturally grounded engagement with digital transformation. Linguistic inclusivity, humanistic agency, ethical technological practice, digital accessibility, and critical digital literacy are essential for ensuring that technological innovation strengthens rather than diminishes India's diverse literary and cultural traditions

Keywords: Digitalization, Multilingualism, Identity, Culture, Memory, Algorithms, Authorship, Artificial, Intelligence, Inequality, Platformization, Accessibility, Creativity.

Introduction:

Literature has always developed alongside communication technologies, from oral storytelling and manuscripts to print, broadcasting, cinema, computers, and digital platforms. Each technological change has influenced how literature is produced, circulated, read, and preserved. Digital technology represents a further transformation because it not only provides new ways of accessing literature but also shapes its production, interpretation, circulation, and cultural memory.

This transformation is particularly significant in India because of its multilingual and multicultural literary environment. English and numerous Indian languages coexist with oral traditions, regional literatures, print culture, popular media, and expanding digital networks. Smartphones, social media, digital archives, e-books, streaming platforms, and artificial intelligence now exist alongside books, libraries, journals, classrooms, and oral performances. Thus, digitalisation creates an environment where traditional and new forms interact.

Digitalisation has expanded literary practices through e-books, blogs, social-media poetry, podcasts, digital storytelling, interactive fiction, and AI-assisted writing. As Hayles (2008) observes, electronic literature may involve hyperlinks, multimedia, animation, interaction, and computational processes.

This article views technology as a cultural infrastructure that shapes literary form, identity, memory, readership, authorship, and education through the interaction of technology, human agency, institutions, and society.

Literature, Technology, and the Problem of Mediation:

The relationship between literature and technology becomes clearer when literature is understood as a **mediated cultural practice**. Literary works reach readers through manuscripts, books, newspapers, radio, television, websites, social media, and artificial intelligence. Each medium creates different conditions of access, interpretation, and cultural experience.

McLuhan (1964) argues that media influence human perception. A poem read in a printed book offers a different experience from one encountered on social media or a video platform, where text may appear with images, music, comments, and recommendations. Thus, the medium shapes the way literature is experienced.

Ong (2002) explains how communication technologies transform relationships among orality, literacy, memory, and consciousness. Digital culture does not simply replace traditional forms but combines oral, written, visual, and audiovisual practices. For example, an Indian folk story may be narrated, recorded, translated, subtitled, uploaded online, and preserved in a digital archive. Technology therefore connects traditional cultural practices with contemporary forms. Technological mediation also influences literary scholarship. Hayles (2012) shows that digital media have changed humanistic study. Digital Humanities combines literary interpretation with text mining, digitisation, mapping, and corpus analysis, expanding the scope of research while retaining the importance of human interpretation.

Thus, technology is not merely a collection of new devices; it transforms the cultural conditions through which literature is produced, circulated, interpreted, and understood.

From Print Culture to Platform Culture:

Indian literary culture has traditionally developed through manuscripts, oral traditions, print publishing, libraries, journals, literary

associations, and educational institutions. While these structures remain important, digital platforms have created an alternative cultural infrastructure that enables literary production and circulation beyond conventional institutions.

The smartphone is especially significant because it combines writing, reading, recording, photography, video production, publication, and communication in a single device. Writers can therefore create and distribute literary works without depending entirely on publishers or literary journals. Jenkins's (2006) concept of participatory culture explains this transformation, as readers increasingly comment on, share, reinterpret, and respond to literary works.

However, digital participation has not eliminated gatekeeping; it has transformed it. Algorithms, recommendation systems, engagement metrics, search rankings, advertising, and platform policies increasingly influence literary visibility. Gillespie (2018) and Van Dijck (2013) highlight the cultural power of platforms in shaping content and social connectivity.

Thus, publication does not necessarily ensure visibility. Literary circulation is increasingly influenced by the economics of attention. Digital platforms reduce traditional barriers while creating new technological dependencies. Writers increasingly function as authors, publishers, promoters, performers, and digital personalities, making literary identity closely connected with online visibility.

Digital Literature and the Transformation of Literary Form:

Digital technology has transformed traditional literary forms by introducing hyperlinks, animation, sound, video, databases, interaction, and user participation. Unlike conventional printed novels, poems, short stories, and dramas, digital works often involve multimodal and interactive elements. Hayles (2008) therefore distinguishes electronic literature from the simple digitisation of printed texts.

Indian digital literature reflects this development through interactive fiction, videogames, social-media literature, multimedia practices, and digital theatre. Nagpal (2025) identifies the emergence of these diverse forms, while Roy (2025) examines the developing electronic literary culture in India. Digital literature should therefore be understood as a changing field shaped by computational environments rather than as a single genre.

Digital forms also transform the reader's role. Interactive narratives may allow readers to choose pathways, follow hyperlinks, and participate in narrative development. However, digital literature does not replace traditional literature. Instead, print and digital forms coexist, overlap, and expand the possibilities of textual expression.

Multilingualism, Digital Vernaculars, and Indian Identity:

Multilingualism is a central feature of Indian digital culture. Digital environments enable regional languages to cross geographical boundaries, allowing writers and readers to participate in transregional and transnational literary communities. A Kannada poem can reach audiences beyond Karnataka, while Malayalam narratives can connect with global diasporic communities. Multilingual users can also move between English and Indian languages within the same digital interaction.

Khilnani (2023) highlights the cultural significance of digital vernacular practices through Indian Instapoetry. These practices demonstrate that digital literary expression is not simply an imitation of Western digital culture; rather, Indian users adapt global platforms to local linguistic, cultural, and aesthetic contexts.

However, digital infrastructures do not support all languages equally. Search engines, speech-recognition systems, optical character recognition, translation technologies, and generative AI depend heavily on large digital datasets. Languages with limited computational resources may consequently receive less technological support. Shahid et al. (2026) identify multilingualism and infrastructural limitations as important concerns for Indian Digital Humanities and electronic literature.

Therefore, the issue is not merely the online presence of Indian languages but their technological capacity to participate fully in digital culture. Digital corpora, dictionaries, archives, OCR, speech datasets, translation tools, fonts, and educational technologies are essential for linguistic preservation and inclusion.

Digitality, Cultural Identity, and Cultural Hybridity:

Digital environments increasingly provide spaces where individual and collective identities are constructed and expressed through language, images, videos, literary preferences, social networks, and cultural affiliations. Literature offers important symbolic resources for articulating these identities. Appadurai's (1996) theory of global cultural flows helps explain how digital networks intensify the movement of ideas, languages, narratives, images, and cultural practices across geographical boundaries. Indian literary identity therefore develops through interactions among local, national, and global cultural environments.

Bhabha's (1994) concept of hybridity further explains how contemporary identities can move beyond fixed cultural categories. Digital literary texts may combine English with Hindi, Kannada, Tamil, Urdu, and other languages, while traditional cultural symbols may coexist with contemporary digital aesthetics. Regional identities can also be expressed through globally circulating platforms. Digitalisation therefore produces cultural recombination rather than complete homogenisation or preservation. For Indian society, where literature is closely connected with linguistic, regional, caste, gender, religious, and cultural identities, digital platforms offer new spaces for self-representation, though these remain influenced by broader social inequalities.

Digital Storytelling, Memory, and the Archive:

Literature has always preserved cultural memory through epics, folk narratives, autobiographies, poetry, and oral traditions. Digital technology has expanded these possibilities by enabling photographs, oral histories, personal narratives, family records, and community experiences to be recorded and circulated widely. Mukherjee et al. (2026) highlight the importance of Indian digital storytelling in recovering and sharing cultural and historical narratives.

However, digital memory is not neutral. Archives are selective, and what is uploaded, indexed, searchable, and preserved may become more visible than what remains outside digital systems. Questions of ownership, consent, interpretation, access, and representation therefore remain important. Digital preservation is also vulnerable to technological obsolescence, platform closure, broken links, corrupted files, and changing storage systems. Indian literary scholarship consequently requires sustained attention to regional-language literature, oral traditions, digital magazines, digital theatre, and community archives.

Algorithmic Visibility and the Platformisation of Literary Culture:

Contemporary literary culture is increasingly moving from institutional visibility

to algorithmic visibility. In print culture, editors, publishers, reviewers, universities, and literary institutions influenced what reached readers. Digital platforms now use algorithms and recommendation systems to distribute attention.

Noble (2018) argues that algorithmic systems are not necessarily neutral and may reproduce social and cultural inequalities. A literary work may therefore remain difficult to discover because it does not match platform engagement patterns. Van Dijck et al. (2018) show how platformisation reorganises communication and social interaction. In literary culture, readers can become data profiles, books can become digital products, and authors can become online brands.

Algorithms do not completely determine literary value because human readers continue to interpret, recommend, and preserve literature. Nevertheless, they influence visibility. This is especially significant for Indian multilingual literature, where languages with smaller datasets may receive less technological visibility.

Artificial Intelligence and the Transformation of Authorship:

Artificial intelligence challenges traditional ideas of authorship and creativity. Generative AI can produce poems, narratives, essays, translations, and other forms of language while also assisting writers with editing, brainstorming, and translation. Traditional authorship is associated with human intention, creativity, experience, and responsibility, whereas AI-generated language emerges from computational systems trained on human-created material.

The central issue is therefore how authorship should be understood when creativity is technologically mediated. AI-assisted writing may be considered technological collaboration, but human judgement remains essential. Writers must evaluate generated language, cultural assumptions, accuracy, originality, and ethical implications.

Singh (2025) highlights the Indian context, where linguistic diversity creates additional challenges. AI may increase access to Indian languages but may also reproduce linguistic inequalities when computational resources are concentrated in a few languages. Indian-language AI therefore requires investment in digitised corpora, speech datasets, dictionaries, archives, OCR, and translation systems. AI should support linguistic inclusion rather than homogenisation.

Digital Inequality and the Limits of Technological Democracy:

Technology does not automatically democratise literary culture. Digital participation depends on devices, electricity, connectivity, digital literacy, education, accessibility, linguistic resources, and economic capacity, which are unequally distributed.

A writer may have literary ability but lack technological resources for sustained online participation. Similarly, students may possess smartphones but lack reliable connectivity or digital literacy. Digital inequality is therefore both a technological and social problem. It intersects with gender, class, geography, disability, language, and education.

Digital platforms can create spaces for women writers, Dalit writers, tribal communities, migrants, diasporic writers, and regional-language authors. Yet users may also face harassment, discrimination, trolling, and exclusion. Digital empowerment therefore exists alongside digital vulnerability.

Digital Humanities and Literary Scholarship:

Digital Humanities has transformed literary research through text mining, corpus

analysis, mapping, and visualisation. These methods allow scholars to examine large collections of texts and identify linguistic, thematic, and literary patterns. They are particularly useful for Indian languages such as Kannada, Marathi, Bengali, Tamil, Telugu, Malayalam, and Hindi.

Digital archives can support research on authors, folk traditions, manuscripts, translations, and literary movements. Digital tools can also compare regional texts, trace stories across languages, and preserve endangered materials. However, technology cannot replace human interpretation because literature requires cultural, historical, social, and critical understanding. The future of literary scholarship therefore lies in combining digital methods with humanistic interpretation.

Education, Reading, and the Digital Literary Future:

Digital transformation has changed literary education. Alongside textbooks, lectures, and libraries, students now encounter literature through e-books, digital archives, videos, podcasts, social media, online lectures, and interactive resources.

These technologies provide access to manuscripts, performances, editions, archives, and international scholarship. However, digital abundance may encourage fragmented attention through short-form content, notifications, and rapid information consumption. Literary education must therefore develop critical digital reading.

Students should learn to evaluate online information, understand algorithms, identify misinformation, examine AI-generated content, recognise copyright issues, and understand the cultural assumptions of digital technologies. The future literature classroom should therefore combine close reading with digital literacy.

Towards a Culturally Grounded Model of Indian Digital Literary Culture:

India requires neither technological rejection nor technological determinism. It needs a culturally grounded approach connecting technological innovation with linguistic diversity, social inclusion, cultural memory, and humanistic agency. Indian digital literary infrastructures should support multiple languages rather than privileging commercially dominant communities. Technological theories must also consider India's multilingualism, oral traditions, caste, gender, regional identities, and literary histories.

Humanistic agency should remain central. Technology should expand creativity without eliminating human judgement. In the context of AI, transparency, ethical responsibility, critical evaluation, and human oversight are essential. Digital accessibility is equally important so that literary participation does not depend entirely on economic privilege or technological skills. Critical digital literacy should therefore become part of literary education and scholarship.

Discussion:

The transformation of Indian literary culture shows that technology is neither completely neutral nor completely deterministic. Its effects emerge through interactions among institutions, languages, economies, cultural practices, and human decisions. Digital technology has expanded literary expression by connecting writers and readers across geographical boundaries, supporting regional languages, recording oral traditions, and providing space for marginalised narratives.

At the same time, technology creates new forms of cultural power. The publisher may become a platform, the editor an algorithm, the audience a data profile, the archive a database, and the author a digital brand. These changes

represent a structural transformation of literary culture rather than simply its decline.

The perspectives of McLuhan (1964), Ong (2002), Castells (2010), Jenkins (2006), Hayles (2008), Appadurai (1996), and Bhabha (1994) show that technology reshapes cultural experience without completely determining it. Indian digital literature demonstrates how global technologies are adapted to local linguistic and cultural contexts.

Human agency therefore remains central. Technology can provide new forms of expression, but writers and readers give them cultural meaning. Digital archives preserve memory, while communities influence what is remembered. AI can generate language, but humans remain responsible for interpreting and ethically evaluating it. The future of Indian literature consequently requires a critical engagement with technology that protects linguistic diversity, cultural memory, creativity, and humanistic values.

Conclusion:

The relationship between literature, technology, and Indian society is undergoing significant transformation. Digital technologies have expanded literary forms, increased access, created new reading communities, supported multilingual circulation, and opened new possibilities for preserving India's rich literary heritage.

At the same time, digital inequality, algorithmic control, commercial platforms, language imbalance, and artificial intelligence raise important cultural and ethical concerns. These challenges are particularly relevant to India because of its vast linguistic and cultural diversity. Indian literature has always adapted to changing forms of communication, from oral traditions and manuscripts to print, broadcast, and digital media. The present transformation continues this process. Technology should therefore be viewed not merely as a tool but as a cultural force that influences how literature is created, circulated, read, preserved, and understood.

The future of Indian literary culture depends on maintaining a balance between technological innovation and humanistic values. Technology can expand the reach of literature, but its cultural significance ultimately rests on human creativity, critical thought, linguistic diversity, cultural memory, and social inclusion.

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From Nature to Climate Crisis: Environmental Justice and Ecological Imagination in Contemporary Indian English Literature

Mr. Parappa Magadum
GFGC, Mudhol
Corresponding Author – Mr. Parappa Magadum
DOI - 10.5281/zenodo.23085584

Abstract:

One of the most pressing problems of the 21st century is the environmental crisis that changes the relationship between people and nature. The big problems are climate change, deforestation, loss of biodiversity, pollution, water scarcity, habitat destruction and climate displacement. Contemporary literature is increasingly concerned with environmental issues, not just as a scientific question but as a social, economic, cultural, political, and ethical challenge. Contemporary Indian literature is especially important in this context, as environmental issues in India are deeply linked to poverty, displacement, tribal communities, livelihood, caste, class, migration, development, and unequal access to natural resources. In this paper, an attempt has been made to analyse the representation of environmental concerns in selected works of Amitav Ghosh, Arundhati Roy and Mahasweta Devi through the perspectives of ecocriticism, postcolonial ecocriticism and environmental justice. It examines Ghosh's The Hungry Tide, Gun Island and The Great Derangement: Climate Change and the Unthinkable; Roy's The God of Small Things; and Devi's Aranyer Adhikar (The Right to the Forest) to explore different dimensions of ecological imagination in Indian literature. This paper contends that these authors go beyond the conventional representations of nature as a background, rather than as forests, rivers, animals, land, and climatic processes that are vital to human life

The study reveals that justice, history, identity, livelihood and survival are intricately linked with the environmental crisis in contemporary Indian literature. Literature thus becomes a crucial cultural space for cultivating ecological consciousness and for remaking the relationship between human and non-human life.

Keywords: Environmental Justice, Ecocriticism, Indian Literature, Climate Change, Ecological Imagination, Amitav Ghosh, Arundhati Roy, Mahasweta Devi, Tribal Literatures, Environmental Crisis.

Introduction:

Rivers, forests, mountains, oceans, animals, and seasons have been significant in literature for a long time, and across cultures. But traditionally, nature has been a background for human stories, a source of atmosphere, symbolism or aesthetic pleasures, with humans still the main actors of history and meaning.

Today's environmental crises call this anthropocentric view into question. The world around us is not a static backdrop, but a dynamic, interconnected system that humans depend upon for survival. The evidence of this is clear in climate change, ecological destruction, and the loss of biodiversity.

In the twenty-first century, the link between literature and environmental thought has changed considerably. Environmental concerns have moved from the periphery to the centre of interdisciplinary scholarship. Ecocriticism, environmental humanities, postcolonial ecocriticism, and climate-fiction studies are some of the fields that provide new ways to explore the connections between literature, nature, and society.

These approaches encourage readers not only to consider the representation of nature in

literature, but also how texts engage with questions of environmental power, resource exploitation, social inequality, displacement, and human and non-human life.

This study is of particular significance in the Indian context. Environmental issues in India are deeply intertwined with livelihood, poverty, caste, class, tribal identity, industrialization, urbanization, agricultural change and displacement. A forest, river or coastline is not only an ecological entity but a source of livelihood, cultural identity, memory and community.

Changes in an ecosystem have consequences that extend beyond the loss of flora and fauna; dependent communities may be displaced, lose their livelihood and be culturally dislocated. In this way, the environmental crisis in India is also a crisis of society and culture.

The same set of interlinked issues find a fertile ground in the contemporary Indian literature. Amitav Ghosh has a prominent place within the discipline of environmental literary studies. His novel The Hungry Tide explores the ecological and social complexities of the Sundarbans, while Gun Island expands the narrative of the environmental crisis to a transnational scale, discussing climate change, migration, and the mobility of human and non-human life.

In his non-fiction work, The Great Derangement: Climate Change and the Unthinkable, Ghosh argues that climate change is not just an environmental and political crisis, but a crisis of imagination of the most profound kind.

Arundhati Roy's The God of Small Things, although not conventionally classified as climate fiction, provides an essential ecological view of the river, landscape, memory, caste, and social change.

Mahasweta Devi adds another vital dimension by emphasizing tribal communities, forests, land, colonial authority and resistance. Her work Aranyer Adhikar (The Right to the Forest) is especially useful for understanding the relationship between environmental resources and indigenous communities.

What is important about studying these writers together is their different but related approaches to the environment.

Ghosh is concerned with ecological vulnerability and climate change.

Roy shows how landscape is enmeshed with memory and social hierarchy.

Devi focuses on forests, tribal communities and struggles over land and ecological resources.

Taken together, their works show that environmental issues cannot be separated from social justice and from histories of power.

This paper contends that the contemporary Indian literary imagination has moved from the depiction of nature as mere scenery to a deep ecological understanding. From this perspective the environment is intimately connected to livelihood, identity, history, displacement and survival.

It also enables environmental literary studies to take up questions of environmental justice, such as:

Who has control of natural resources?

Who profits from their use?

Who is hurt by environmental degradation?

Whose relation to the environment is acknowledged or denied?

The primary objective of this study is to examine the representation of environmental concerns in a selection of contemporary Indian literature. The study aims to understand how literary works transform environmental degradation into a social, cultural, and ethical problem, rather than a merely scientific one. It also tries to examine the ways in which humans

interact with their non-human environment and looks at the ways in which contemporary Indian writers challenge anthropocentric representations of nature. Another goal is to study the links between environmental degradation and social injustices such as poverty, displacement, caste, class and the marginalization of tribal people. The study also seeks to explore the representation of climate change and migration in Amitav Ghosh's literary works, the relationship between terrain and social authority in Arundhati Roy's stories, and the relationship between forest, indigenous identity, and colonial oppression in Mahasweta Devi's writings. Ultimately, the research seeks to demonstrate the need of ecocritical and multidisciplinary methodologies in understanding modern Indian environmental literature.

Inquiries for Investigation The Paper is guided by a set of interrelated inquiries. How does modern Indian literature depict nature? How do contemporary Indian writers challenge the traditional depiction of environment as just a setting for human life? How do literary narratives link environmental degradation and socio-economic injustice? How does climate change influence representations of migration, displacement and identity? How does Amitav Ghosh connect the ecological problem to colonial history, economic structures, and human displacement? How does Arundhati Roy's representation of the environment and the river interact with the themes of memory, caste and social authority? How does Mahasweta Devi's portrayal of forests and tribal communities help us to understand environmental justice better? In what ways, then, might contemporary Indian literature contribute to a broader ecological awareness and a more ethically responsible view of human engagement with the environment?

The present study adopts a qualitative and interpretive approach, primarily based on careful textual analysis. Analysis of selected literary texts through the perspectives of ecocriticism, postcolonial ecocriticism, environmental humanities and environmental justice. The central body of texts includes Amitav Ghosh's The Hungry Tide, Gun Island and The Great Derangement: Climate Change and the Unthinkable, Arundhati Roy's The God of Small Things, and Mahasweta Devi's Aranyer Adhikar. Secondary academic sources related to ecocriticism, environmental justice, climate fiction, postcolonial studies, tribal literature, and contemporary Indian literature are used for contextualization. The research employs close analysis to examine representations of waterways, woodland, fauna, terrain, weather, movement, subsistence, and social exclusion. The writings are not regarded as simple sociological texts; rather, attention is paid to the ways in which literary form, narrative perspective, imagery, setting, and characterization generate interpretations of the environmental crisis and human relationships with nature.

The main theoretical basis for this Paper is ecocriticism. Ecocriticism, in a broad sense, examines the relationship between literary works and the natural world. The field has developed from an early focus on nature literature and landscape representation to a broader engagement with climate change, biodiversity, interspecies relations, environmental justice, colonialism, and economic inequality. It therefore provides a suitable structure for the analysis of literary works in which ecological issues intersect with social and historical concerns. Postcolonial ecocriticism enriches this perspective by contesting the idea that environmental concerns can be understood without addressing the legacies of colonialism and authority. Colonial frameworks often turned forests, land and a variety of natural resources into tools of governance and economic domination. These stories go on to shape present relationships between people and nature.

Mahasweta Devi's portrayal of tribal resistance and Ghosh's examination of the Sundarbans' past highlight the significance of this perspective.

The current research also emphasizes the importance of the idea of environmental justice. The environment deteriorates in a way that affects populations differently. People whose subsistence depends directly on woods, rivers, agriculture, and other natural resources may see ecological change differently than socially and economically privileged groups. Environmental justice requires attention to environmental preservation and to the issues of sustenance, accessibility, engagement, cultural identity, and social equity. The concept of the Anthropocene provides a useful lens through which to understand contemporary climate literature. The human endeavour has become an important factor influencing the global ecological system. Thus, the literature on this situation must look at the relationship of human behaviour and environmental consequences. Ghosh's The Great Derangement is especially pertinent as it calls for a reconfiguration of literary creativity that can represent climate change and its complex temporal and spatial dimensions.

Amitav Ghosh's The Hungry Tide is an important contemporary Indian novel in English for ecocritical study. Primarily located in the Sundarbans, the novel weaves together mangrove ecosystems, tidal waterways, islands, fauna and human populations. The environment in which man lives is determined by nature. Habitation, movement, sustenance, and existence are affected by tides, waterways, woodlands, and fauna. The narrative thus challenges the established separation between human and natural history. The Sundarbans is represented as a dynamic ecological framework rather than a static terrain. The rise and fall of tides continuously changes the physical environment, and the presence of animals, particularly the tiger, reminds us that humans share the earth with other living things. Thus, the environment demonstrates a form of narrative agency. Humans are forced to respond to ecological effects that are not entirely subject to their control. This representation defies the usual literary tendency to center humanity in the natural world.

Simultaneously Ghosh does not idealize nature. The Sundarbans is at once beautiful and dangerous. The environment that sustains our life can also threaten our life. This complexity is important because it prevents the novel from presenting an idealized nature which exists apart from human suffering. The story shows an ecological model in which survival depends on continuous interactions between humans and their environment.

The environmental issues discussed in The Hungry Tide are of particular interest when conservation is studied in relation to human sustenance. The story questions whether social equity can be ignored when understanding environmental preservation. Protecting species and preserving ecosystems are important environmental concerns, but conservation efforts may have major implications for people who depend on forests, rivers, and other natural resources. The narrative thus invites questions about who defines conservation, whose interests are advanced, and who suffers the consequences of environmental regulations.This conflict shows how important environmental justice is as a literary and theoretical concept. Not all of society faces the same environmental problems. Communities dependent on natural resources may be more vulnerable to changes in the environment. Poverty, displacement, and environmental instability may so develop into interrelated phenomena. In The Hungry Tide, environmental concerns are fused with issues of sustenance, marginalization and political authority.

The ecological vision articulated in The Hungry Tide is further developed in Gun Island. While The Hungry Tide largely underscores the biological domain of the Sundarbans, Gun Island connects various geographical sites and demonstrates how environmental crises transcend national borders. The transference between South Asia and Europe allows Ghosh to portray climate change as a global phenomenon that connects distant populations through ecological upheaval, migration, and shifting patterns of human and non-human mobility. Migration is especially important in this. Traditional discourse on migration often stresses jobs, destitution, political strife, or economic prospects. Gun Island offers a further perspective by representing migration in relation to ecological change. Flooding, altered climate regimes, ecological instability, and loss of livelihood may cause human communities to move. Migration thus becomes not just a social or economic event but an ecological one as well.

This representation changes the vision of the migrant. The migrant is not just someone looking for work or a better life. The migrant could be an individual whose environmental conditions have become increasingly hard to cope with. Thus, environmental change can create new forms of displacement and identity. The degradation of the landscape can lead simultaneously to a loss of income, social cohesion and cultural identity.

Ghosh expands on this ecological perspective by correlating human migration with the migration of other animals. Climate change alters ecosystems, food sources, and environmental parameters, influencing the migration and survival of fauna and avifauna. The juxtaposition of human and non-human migration challenges the notion that environmental crises are simply a human issue. It portrays climate change as a disaster that impacts many species, where different forms of life respond to changing environmental conditions.

Gun Island further strengthens its ecological vision by drawing upon mythology, folklore, and historical memory. Climate change is difficult to represent in terms of traditional story structures because its effects extend across multiple geographical and temporal dimensions. Floods or storms may seem to be sudden events, but climate change is a process that unfolds over decades and generations. Ghosh's combination of mythology, history, geography, and contemporary ecological disturbance provides a unique approach to connecting these different aspects of experience.

In The Great Derangement: Climate Change and the Unthinkable the conceptual ramifications of Ghosh's literature are laid bare. Ghosh describes climate change as not just a scientific, political or environmental problem but also a problem of human creativity. His argument is that contemporary literary culture often struggles to represent environmental events that exceed in scale, unpredictability, and temporality the traditional bounds of literary realism. Conventional realist fiction usually focuses on unique characters, family relationships, psychological experiences, and everyday events. Climate change complicates these narrative frames because it operates at the individual, communal, national, and global levels. It is generations and species above all. Extreme weather events may happen abruptly. Ecological shifts can be gradual and subtle. Climate change demands a literary imagination capable of describing current experiences and long-term global shifts. Ghosh's claim is highly significant for contemporary literary studies. The environmental problem is really a crisis of representation. If literature does not succeed in imagining ecological change in a way that makes the magnitude and interrelation of climate change

comprehensible, readers may have difficulty understanding the scale and interconnectedness of climate change. Literary innovation thus becomes a key component of ecological awareness.

The God of Small Things by Arundhati Roy provides an important perspective of the relationship between literature and environment. Although the novel is not primarily about climate change, its description of the river, landscape and other natural surroundings provides significant scope for ecocritical analysis. Childhood, memory, family, class, sexuality, and social discord are intricately linked to the natural environment. The river is of great significance as it is both physical and figurative. It is part of the geographical landscape, but it is also embedded in the memories and experiences of the characters. Changes in the state of the environment reflect broader social changes. The river thus becomes more than a mere backdrop; it enters into the emotional and historical fabric of the story. Roy's environmentalism allows for the connection of ecological questions to caste and social power. Socioeconomic stratifications impact access to space and sense of landscape. Thus, different persons view the environment differently. Some people have greater social freedom to live in certain places, while others are constrained by caste and social conventions. This connection shows that environmental literary studies in India cannot be separated from social and cultural examination. The ecological perspective that is introduced in The God of Small Things so enriches Ghosh's more explicit environmental narratives. Ghosh focuses on ecological crises, climate change and environmental displacement, while Roy shows the relationship between landscape and ecological areas and memory, caste and social authority. Both question the division of the natural world and human society.

Mahasweta Devi's work brings in an important dimension to this ecological discourse, by placing the tribal tribes and the forests at the center of the interaction between literature, environment and social equity. Her Aranyer Adhikar, translated as The Right to the Forest, is about Birsa Munda and the Munda community's historical resistance to colonial oppression. The effort is of high significance in ecological terms, as the conflict being shown is closely connected with land, forest assets, subsistence, and community independence. In Devi's literary imagination, the forest is not just a geographical territory. It's a lively social and cultural milieu. For indigenous groups, the forest is connected to sustenance, shared history, cultural traditions, and identity. The link between community and environment is therefore inherently different from a purely economic approach to natural resources. When external forces attempt to control or seize forest resources, the consequences are not limited to financial losses. They affect the cultural and social fabric of the community.

Aranyer Adhikar's significance for environmental literary analysis lies in its portrayal of the link between colonial power and natural resources. Colonial administrations made forests and land into regulated and commercially valued things. Such processes broke up the existing linkages between indigenous societies and their environments. Devi's account thus shows that environmental disputes are historically grounded and cannot be seen as just modern ecological issues. In Devi's story, the fight over the forest thus becomes a battle for sustenance, selfhood and independence. This is critical for environmental justice, as it tackles the protection of natural systems while recognizing the rights and experiences of communities closely connected to those systems. The forest is inseparable from the people who inhabit and depend upon it. Devi's research also challenges the tendency to see tribal populations simply as victims of ecological change. Her characters and

cultures display independence, cultural consciousness, and ways of resistance. This is important because environmental conversations can sometimes present marginalized groups only through the lens of vulnerability. Devi's portrayal complicates this methodology by highlighting the resistance and the ability of communities to safeguard their connections with land and forest.

Mahasweta Devi, when read along with Ghosh and Roy, expands the parameters of Indian ecological literary analysis. Ghosh foregrounds ecological fragility in the Sundarbans, with climate change and migration; Roy links environment to memory, caste and social stratification; Devi emphasizes forests, tribal identity, colonial oppression and resistance. Their writings, though coming from different historical and literary backgrounds, converge in challenging the idea that environment is separate from civilization.

Thus, Mahasweta Devi's contribution has been especially significant to the environmental-justice aspect of the present research. Her research shows that environmental issues need to include the perspectives of communities whose livelihoods and identities are linked to forests and land. Environmental justice is more than just protecting plants, animals, and ecosystems. It also has to do with access, people's livelihoods, cultural identity and the history of power relations.

By including Mahasweta Devi alongside Ghosh and Roy, the examination can trace a broader historical arc in Indian environmental literature. Devi's Aranyer Adhikar brings to the fore conflicts over trees and land in the colonial period. Roy's The God of Small Things demonstrates the interdependence of ecological environments, caste, memory, and social change. Ghosh's writings extend the discourse on the modern climate emergency, displacement, and global ecological precariousness.

This development indicates that ecological issues in Indian literature cannot be confined to the genre of "nature writing. The woodland, waterway, and atmosphere are intertwined with historical edifices and interpersonal connections. Environmental transformation is influenced by the methods by which communities allocate resources, authority, and means of subsistence. Literary works thus offer a means to map the evolution of environmental connections over various historical epochs.

The analysis further illustrates the significance of embracing a postcolonial viewpoint. Colonial legacies shaped the management and utilization of natural resources, whilst modern economic and developmental dynamics persist in impacting ecological susceptibility. The ecological issue is thus both historical and current. Literature can elucidate this continuity by linking recollections of past ecological changes with contemporary environmental issues. This viewpoint is especially pertinent to the concept of environmental justice. The populations that rely heavily on natural resources may also be the most susceptible to ecological changes. Tribal societies, rural inhabitants, fishing communities, and economically disadvantaged groups may encounter environmental alterations that jeopardize their livelihoods and cultural heritage. Modern Indian literature elucidates these connections by situating personal experiences within broader ecological and historical frameworks.

The evolution of modern Indian environmental literature illustrates a shift from traditional nature writing to climate fiction and more expansive ecological stories. Conventional nature literature frequently highlights the aesthetic appeal of terrains and the emotional connection between humanity and the natural

world. Modern ecological writings are progressively emphasizing environmental volatility, severe weather events, biodiversity decline, displacement, ecological distress, and ambiguous futures. Gun Island has a significant role in this transition as it weaves together climate change with themes of migration, mythology, history, and interspecies connections. Instead of depicting the environmental catastrophe as a remote future eventuality, the novel integrates ecological upheaval with present-day human existence. Simultaneously, The Hungry Tide illustrates that ecological emergencies can manifest even beyond the confines of overt climate fiction. Issues of conservation, human sustenance, species preservation, and environmental susceptibility are already intricately woven into modern ecological discourses.

Roy and Devi's contributions further illustrate that environmental literary studies should encompass texts where ecological issues are interwoven with caste, tribal identity, colonial legacy, and social authority. The transition from nature writing to climate fiction does not signify a disregard for previous environmental issues. Instead, it broadens the domain. Woodlands, waterways, fauna, and terrains continue to hold significance, however they are progressively recognized within broader frameworks of climate, economy, migration, history, and equity. A significant contribution of modern Indian environmental writing is its capacity to convert abstract ecological issues into relatable human experiences. Scientific dialog can yield quantifications and forecasts, whereas social sciences can examine trends of disparity, dislocation, and resource allocation. Literature offers an alternative avenue of understanding by illustrating the emotional and cultural experiences of ecological transformation. The artistic depiction of ecological turmoil might enlighten readers about connections that might otherwise go unnoticed. A shifting river may symbolize societal change; a woodland can serve as a repository of cultural remembrance and defiance; migration can illuminate the connection between climate and subsistence; and an animal might contest the notion of human dominance over other species. This does not imply that literature by itself can address environmental issues. Its importance resides in cultivating creativity and moral consciousness. Ghosh's assertion regarding the predicament of imagination is particularly pertinent in this context. Environmental initiatives necessitate not only scientific expertise and organizational responses but also the capacity to envision connections across human societies, other species, and ecological frameworks.

The pieces analysed in this paper so enhance a wider ecological awareness. They encourage readers to reevaluate the distinctions between human and non-human existence as well as the interplay between environmental and societal issues. They further illustrate that ecological consciousness gains significance when intertwined with justice, historical context, and the lived realities of communities.

The textual examination conducted in this research yields multiple interrelated conclusions. Firstly, modern Indian literature illustrates a notable shift from depicting nature solely as a static backdrop. In the chosen pieces, rivers, woodlands, tides, fauna, terrains, and climatic phenomena play a significant role in influencing human experience. The environment is depicted as an interrelated system instead of a mere ornamental aspect in literary storytelling. Secondly, the research indicates that the environmental catastrophe is intricately linked to social injustice.

The ecological repercussions faced by economically disadvantaged and marginalized populations contrast with those encountered by

socially and economically affluent groups. The Hungry Tide illustrates the conflict between environmental preservation and economic sustenance, whereas Aranyer Adhikar depicts the impact of forest governance on the existence and independence of indigenous populations. Environmental justice thus becomes a fundamental issue within Indian ecological literary scholarship.

The examination uncovers a significant correlation between environmental change and relocation. In Gun Island, ecological volatility is linked to displacement and the deterioration of stable natural habitats. The migrant might thus be perceived not merely as an economic entity but also as an individual influenced by environmental changes. Fourth, the research reveals that modern Indian literature progressively contests anthropocentric ideologies. In The Hungry Tide and Gun Island, the presence of non-human entities holds considerable narrative significance. Fauna, waterways, and ecosystems are not merely entities perceived by humans but integral elements of a broader ecological framework.

The research illustrates that the environmental catastrophe is intricately linked to historical contexts and power dynamics. Mahasweta Devi's Aranyer Adhikar illustrates the impact of colonial dominance over woods on indigenous populations and their connection to the land. Ghosh's works illustrate that modern ecological emergencies are intrinsically linked to historical developments, economic frameworks, and disparities in vulnerability. Environmental deterioration is thus framed as a historical and societal concern rather than solely an ecological phenomenon.

The examination of The God of Small Things reveals that environmental issues can intertwine with caste, recollection, and social stratification. The natural world is not perceived in a socially impartial way. The landscape may serve as a venue for the reproduction of social identities, exclusions, and memories. Seventh, the research indicates that environmental literature has the capacity to contest traditional perceptions of migration. Ghosh's Gun Island illustrates the growing link between human migration and environmental change. Climate change can influence ecosystems, livelihoods, and human settlement patterns, resulting in novel types of environmental displacement.

Ultimately, the research concludes that the environmental crisis is fundamentally a crisis of creativity. Ghosh's The Great Derangement clearly articulates the challenges of depicting climate change using traditional literary formats, whereas the works of Ghosh, Roy, and Devi illustrate various methods for linking environmental issues with history, memory, mythology, social identity, and human experience. Modern literature thus broadens the avenues for conceptualizing ecological crises.

The ecological emergency has profoundly altered the connection between literature and the environment. Modern Indian literature illustrates that ecological issues can no longer be seen solely as portrayals of scenery or as separate motifs related to the natural world. They are profoundly intertwined with issues of social equity, displacement, migration, identity, caste, indigenous rights, historical context, and economic influence. Amitav Ghosh's The Hungry Tide exposes the ecological intricacies of the Sundarbans and illustrates the challenging interplay between conservation efforts and human sustenance. Gun Island broadens this ecological vision across spatial limits and depicts climate change through migration, ecological volatility, and the movement of several species. The Great Derangement offers a conceptual basis for comprehending the challenges of depicting climate change through traditional literary structures. Arundhati Roy's The God of Small

Things illustrates the interplay of landscape, river, memory, and ecological change with caste and social authority. Mahasweta Devi's Aranyer Adhikar incorporates a historically rooted tribal and postcolonial perspective by depicting forests as realms of sustenance, identity, cultural heritage, and defiance. Her art serves as a reminder that environmental issues are intrinsically linked to land, community, and the rights of individuals whose lives are profoundly intertwined with natural resources. Collectively, these pieces illustrate that the environmental catastrophe transcends mere issues of the natural realm.

This predicament also pertains to societal, cultural, historical, and imaginative dimensions. The environmental issue concurrently addresses the control of resources, the beneficiaries of development, those who are displaced, individuals who become vulnerable, and the representation of their experiences. The shift from nature to climate disaster thus signifies a profound change in modern Indian literary creativity. Nature is being recognized not as an entity separate from human society but as the natural framework that encompasses human existence. This ecological vision contests anthropocentrism and promotes a more integrated comprehension of both human and non-human life.

The paper ultimately asserts that modern Indian environmental literature is most effectively analysed through an interdisciplinary lens that integrates ecocriticism, postcolonial theory, and environmental justice. The writings of Ghosh, Roy, and Devi exhibit varied historical and literary methodologies;however, they collectively illustrate the interdependence of environment and society. Their texts indicate that environmental deterioration impacts sustenance, identity, recollection, movement, and social equity. Ultimately, literature cannot supplant scientific inquiry, environmental legislation, or collaborative institutional efforts. Its unique impact resides in the domain of creativity and cultural awareness. Through the depiction of woods, rivers, wildlife, displaced populations, and ecological changes in human narratives, literature invites readers to reevaluate their connection to the environment. Modern Indian literature consequently offers a significant intellectual and cultural arena for envisioning a future where environmental sustainability intertwines with social justice, human dignity, and reverence for life's diversity.

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Urbanisation And Environmental Concerns In Contemporary Indian Literature

Mr. Maruti Hadkar
Lecturer, Department of English,
GFGC, Raibag
Corresponding Author – Mr. Maruti Hadkar
DOI - 10.5281/zenodo.23085598

Abstract:

Rapid urbanisation has significantly transformed the social and ecological landscape of contemporary India. The expansion of cities, construction, industrialisation, traffic and increasing consumption have resulted in environmental problems such as pollution, loss of green spaces, water scarcity and destruction of natural habitats. Contemporary Indian literature increasingly responds to these changes and represents the conflict between development and environmental sustainability. This paper examines the relationship between urbanisation and environmental concerns in contemporary Indian literature, with special reference to Amitav Ghosh's The Great Derangement: Climate Change and the Unthinkable. Using an ecocritical approach, the paper explores how literature represents the changing relationship between human beings, cities and nature. It argues that literature can make environmental problems visible and encourage readers to think about sustainable development and ecological responsibility.

Keywords: Urbanisation, Environment, Contemporary Literature, Ecocriticism, Climate Change, Sustainability.

Introduction:

Urbanisation is one of the major transformations of contemporary India. The rapid growth of cities has brought employment, education, technology and better infrastructure. However, uncontrolled urban growth has also created serious environmental challenges. Agricultural lands, forests, lakes and wetlands are increasingly affected by construction and infrastructure development.

Environmental problems are therefore closely connected with everyday human life. Air pollution, water scarcity, waste, traffic and the loss of green spaces have become common features of many urban environments.

Literature responds to these changes by representing the relationship between human beings and the natural world. Contemporary Indian writers increasingly explore environmental destruction, climate change, disappearing landscapes and the social consequences of development.

The study of literature from an environmental perspective is known as **ecocriticism**. It examines how literary texts represent nature and environmental problems.

Urbanisation and the Loss of Nature:

Modern cities are often regarded as symbols of progress and development. Tall buildings, highways, industries and commercial centres represent economic growth. However, this development can come at an ecological cost.

Urban expansion may lead to:

- destruction of forests and agricultural land,
- loss of lakes and wetlands,
- air and water pollution,
- increased waste,
- reduction of green spaces, and

- loss of biodiversity.

The disappearance of natural spaces also affects cultural memory. A lake, tree or agricultural field may be connected with the history and identity of a community. When such spaces disappear, people lose not only physical environments but also parts of their cultural memory.

Contemporary literature can preserve these changing landscapes through stories, poems, novels and essays.

Amitav Ghosh and Environmental Crisis:

Amitav Ghosh's *The Great Derangement: Climate Change and the Unthinkable* is an important work in the study of literature and environmental crisis.

Ghosh argues that climate change needs greater attention in literature and culture. Environmental disasters such as floods, cyclones and extreme weather events are no longer distant possibilities. They increasingly affect human communities and urban spaces.

Ghosh also questions the limited presence of climate change in mainstream literary imagination. He calls for literature to engage more seriously with ecological crisis.

His ideas are particularly relevant to urban India. Cities depend heavily on natural resources while simultaneously producing pollution and waste. Climate-related events can also expose the vulnerability of urban infrastructure. Thus, the modern city represents both **human progress and ecological vulnerability**.

Urban Development and Social Inequality:

Environmental problems do not affect all people equally.

Poor and marginalized communities may be more exposed to polluted environments, inadequate housing, water shortages and displacement. When natural or agricultural land is converted for urban development, communities may lose their traditional livelihoods.

This shows that environmental issues are also questions of **social justice**.

Contemporary literature can bring such experiences to the attention of readers. It gives visibility to people who may remain absent from official narratives of development.

Therefore, environmental literature asks an important question:

Development for whom, and at what environmental cost?

The purpose is not to reject development but to encourage a form of development that considers ecological sustainability and human well-being.

Ecocriticism and Contemporary Literature:

Ecocriticism provides a useful framework for understanding environmental representations in literature.

It asks:

- How is nature represented in literature?
- What happens when natural spaces disappear?
- How does urbanisation change human relationships with nature?
- Who suffers from environmental destruction?
- Can literature encourage ecological responsibility?

Through literary narratives, environmental problems become human experiences rather than merely scientific statistics.

A polluted river can become a symbol of ecological loss. A disappearing forest can represent the loss of livelihood and cultural memory. A rapidly expanding city can represent both opportunity and environmental anxiety.

Literature therefore helps readers understand the emotional and social dimensions of environmental change.

Major Findings:

The study identifies the following major points:

1. Urbanisation changes both physical landscapes and human lifestyles.
2. Unplanned development can create serious environmental problems.
3. The loss of nature can also mean the loss of cultural memory.
4. Environmental degradation often affects vulnerable communities more severely.
5. Contemporary literature gives visibility to environmental concerns.
6. Ecocriticism helps us understand the relationship between literature, society and nature.
7. Literature can encourage awareness of sustainable development.

Conclusion:

Urbanisation is an important part of India's economic and social development, but it also presents significant ecological challenges. Contemporary Indian literature increasingly responds to these challenges by representing environmental destruction, changing landscapes, climate crisis and the human consequences of unsustainable development.

Amitav Ghosh's *The Great Derangement* emphasizes the need for literature to engage more seriously with climate change. His work demonstrates that environmental crisis is not merely a scientific issue but also a cultural and human concern.

Literature cannot solve environmental problems by itself, but it can change the way people perceive them. It can preserve ecological memory, give voice to affected communities and encourage readers to think critically about development.

Therefore, the central challenge before contemporary society is not simply **urbanisation versus nature**, but the possibility of **sustainable urbanisation**.

The future city must be a place where development and nature coexist. As literature reminds us, the quality of our future will depend not only on the buildings we construct but also on the environment we preserve.

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Partition, War, and Conflict Narratives: Memory, Trauma, and the Politics of Storytelling

Shri. Virupaksha A. Adahalli
Faculty, Department of English,
KLE'S Shri Shivayogi Murughendra Swamiji Arts, Science and Commerce College, Athani
Corresponding Author – Shri. Virupaksha A. Adahalli
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Abstract:
This chapter investigates how narratives emerging from partition events function as critical sites for processing collective trauma, forging national identities, and negotiating competing historical claims. Through an interdisciplinary framework bridging trauma theory, postcolonial historiography, and memory studies, the analysis demonstrates that narrative forms—whether literary, cinematic, or oral—encode violence, often marginalize specific voices, and produce enduring stigmatized identities. The chapter undertakes a comparative examination of the 1947 Partition of South Asia, the 1921 Partition of Ireland, and the 1948 Nakba in Palestine to illustrate how distinct historical contexts generate unique narrative strategies while sharing common structural features. Engaging with foundational theorists including Cathy Caruth, Gyanendra Pandey, and Urvashi Butalia, the chapter argues that narrative operates simultaneously as a mode of witnessing, a vehicle for counter-hegemonic history, and a terrain of political contestation. It concludes by reflecting on the ethical obligations of narrating partition violence and explores how critical remembrance might transcend nationalist myth-making to foster more inclusive historical consciousness.

Keywords: Partition, Narrative, Trauma, Memory, Violence, Conflict, Postcolonial Theory, Witnessing

Introduction:

Partition as a political technology does more than redraw cartographic boundaries; it fractures the social fabric, uproots millions, and bequeaths to subsequent generations a tangled inheritance of violence, loss, and unresolved grievance. The twentieth century witnessed a succession of such violent divisions—the fragmentation of the Ottoman Empire, the partition of Ireland in 1921, the division of the Indian subcontinent in 1947, the creation of Israel and the Palestinian Nakba in 1948, and the disintegration of Yugoslavia in the 1990s. These events were not merely diplomatic settlements imposed upon passive populations but profound civilizational ruptures that continue to shape national consciousness, communal relations, and individual psychic landscapes decades after the ink on treaties has dried.

The study of these narratives is central to understanding the enduring resonance of partition events. Stories about partition—whether transmitted through family lore, literary fiction, cinematic representation, state-sanctioned textbooks, or oral testimonies—are never neutral repositories of fact. They are active, performative interventions in the ongoing struggle over meaning, identity, and justice. Gyanendra Pandey contends that the selective remembrance and calculated forgetting of violent episodes serve a deliberate political function: they are marshaled to preserve the integrity of the collective subject, whether that subject is conceived as a nation, a religious community, or a state. In this light, partition narratives become battlegrounds where

competing historical truths vie for legitimacy, where unspeakable trauma is either confronted or suppressed, and where the boundaries between victim and perpetrator, insider and outsider, are continually reinscribed.

This chapter advances a dual argument. First, it posits that partition narratives are structurally and thematically shaped by the traumatic nature of the events they seek to represent. The fragmentation, repetition, and temporal dislocation characteristic of trauma find formal expression in the narrative strategies deployed by writers, filmmakers, and oral historians. Second, it contends that these narratives are inescapably political; they are produced within institutional frameworks—educational systems, publishing industries, state archives—that systematically privilege certain perspectives while occluding others. Yet precisely because narratives are political, they also offer avenues for resistance. Counter-narratives, emerging from subaltern, feminist, and minority positions, challenge hegemonic accounts and open possibilities for alternative forms of community.

The discussion proceeds in four interconnected movements. The first section establishes a theoretical architecture for analyzing partition narratives, drawing on trauma theory, memory studies, and postcolonial critique. The second section examines the 1947 Partition of India in depth, analyzing how literary fiction and oral testimonies have contested official histories and recovered marginalized experiences. The third section offers comparative perspectives on the partitions of Ireland and Palestine, exploring how narrative forms respond to specific historical and political conditions while revealing common patterns. The final section reflects on the politics and ethics of partition storytelling, considering the relationship between narrative, reconciliation, and the responsibilities of scholars and artists who engage with these fraught histories.

Theoretical Frameworks: Trauma, Memory, and the Politics of Representation:

The study of partition narratives draws upon a rich interdisciplinary tradition that illuminates the complex relationship between catastrophic events and their representation. Trauma theory, particularly as articulated by Cathy Caruth, provides an indispensable lens for understanding why partition narratives so often eschew linear, straightforward exposition. Caruth posits that trauma fundamentally resists direct assimilation into conventional narrative structures; its defining characteristic is a belatedness—a temporal dislocation whereby the full psychological impact of an event manifests only later, in fragmented, intrusive forms that defy chronological ordering. This insight carries significant implications for reading partition literature. When writers represent extreme violence through nonlinear temporalities, abrupt silences, or fragmented perspectives, they are not merely exercising aesthetic choice but formally encoding the psychic wounds that the event inflicted upon survivors and their descendants.

Marianne Hirsch's concept of postmemory extends this analysis across generational boundaries. Hirsch argues that those born after a traumatic event nevertheless inherit its emotional and psychological weight through the narratives, silences, and bodily affect of their predecessors. This "postmemory" is not identical to direct memory but constitutes a powerful form of imaginative investment and psychic identification. In the context of partition, postmemory explains why writers and artists born decades after 1947 or 1948 continue to produce compelling works about these events. The trauma does not remain confined to the generation that directly experienced the violence but is

transmitted across time, shaping the identities and creative outputs of subsequent generations. This intergenerational dimension ensures that partition narratives are living documents rather than static historical records; they evolve in response to contemporary political concerns and continue to influence present-day conflicts.

Postcolonial and subaltern studies offer additional critical resources for analyzing the politics of partition narratives. Scholars such as Urvashi Butalia and Ritu Menon have demonstrated that official histories of the 1947 Partition systematically marginalized the experiences of women, lower castes, and religious minorities. Butalia's methodological intervention involves shifting analytical focus from the high political negotiations of elite leaders to the visceral, intimate recollections of ordinary citizens. By placing individual experiences and private anguish at the forefront, she challenges what she terms the "macro narratives" that reduce complex human catastrophes to abstractions about state formation and diplomatic maneuvering. This "history from below" approach does not simply add previously excluded voices to an existing historical record but fundamentally reorients historical understanding, revealing that partition was experienced differently depending on one's gender, class, religion, and geographic location.

AnindyaRaychaudhuri's interdisciplinary work further enriches this framework by bringing together public and private forms of memory narrative. Raychaudhuri compares oral history testimonies with literary, cinematic, and artistic representations, demonstrating that these different media are not hermetically sealed but mutually constitutive. The private recollections gathered through oral history inform literary representations, while literary works shape the frameworks through which survivors articulate their memories. This dynamic interplay between different narrative forms and registers—from intimate family stories to national mythologies—requires scholars to attend carefully to the specific affordances and limitations of each medium.

The 1947 Partition of India: Representing Catastrophe and Recovering Silenced Voices:

The Partition of the Indian subcontinent in 1947 stands as one of the most devastating population displacements of the modern era. Within a span of approximately two months, an estimated twelve to fourteen million people crossed newly demarcated borders, fleeing violence that claimed between one and two million lives. The brutality that accompanied this mass movement—communal riots, mass abductions, systematic sexual violence, and the forced conversion of women—left deep psychological scars that persist to the present day. Yet for decades following independence, official historiography in both India and Pakistan focused predominantly on the political negotiations between colonial administrators and nationalist leadership, treating the human catastrophe as a regrettable but secondary consequence of the transfer of power.

Since the 1990s, however, a significant epistemological shift has occurred. Scholars, writers, and oral historians have increasingly turned their attention to recovering the human dimensions of Partition, documenting the histories of marginalized populations previously excluded from official accounts. This "history from below" has generated a rich and diverse body of narratives that challenge the triumphalism of nationalist historiography and offer more complex, often painful, understandings of Partition's legacies.

Literary Forms and the Stylization of Trauma:

Partition literature occupies a central position in this recovery project. Writers from both sides of the border—Saadat Hasan Manto,

Rajinder Singh Bedi, Krishna Chander, Jameela Hashmi, and others—produced works that grapple with the unspeakable dimensions of the violence. These literary narratives often deploy innovative formal strategies precisely because conventional realism proves inadequate to the task of representing events that exceeded existing frameworks of meaning. Fardun Ali Middya argues that the structural features of Partition literature—its fragmentation, its silences, its temporal disjunctions—should be read not as stylistic tics but as formal enactments of the historical violence they seek to represent.

BapsiSidhwa's novel Ice Candy Man (later retitled Cracking India) exemplifies this polyphonic approach to representing collective catastrophe. The narrative unfolds through the consciousness of Lenny, a young Parsi girl suffering from polio, whose physical vulnerability and position as a religious minority in Lahore afford her a uniquely decentered perspective on the communal violence engulfing the city. Sidhwa deploys a multi-voiced structure, allowing various characters—spanning different communities, genders, and political outlooks—to register the violence of 1947 in divergent and often contradictory ways. This narrative architecture, which draws implicitly on Bakhtin's conception of polyphony, allows Sidhwa to stage a chorus of competing truths rather than advancing a single authoritative account. As Ghulam Rabani and Binod Mishra observe, Sidhwa's narrative strategy reflects the multifaceted nature of the violence itself, capturing the transition from communal coexistence to collective madness through the eyes of characters who are simultaneously observers and participants.

The representation of gendered violence has emerged as a particularly significant focus of contemporary Partition literature. Scholars have observed that mainstream literary and historical accounts of the 1947 Partition frequently positioned gendered brutality as a peripheral consequence of the political schism, relegating women's experiences to the margins of the narrative. Women were disproportionately affected by Partition violence—they were abducted, subjected to sexual assault, and in some cases killed by their own family members in the name of preserving "honor." Yet their experiences were long treated as ancillary to the "real" history of political negotiations and state formation. Contemporary literary works by authors such as Geetanjali Shree (Tomb of Sand) and Shauna Singh Baldwin (What the Body Remembers) have sought to redress this imbalance by centering women's perspectives. In these narratives, women's bodies become sites of intense contestation—marked by violence, but also the locus of resistance and agency. Women emerge not merely as passive victims but as complex narrators whose fragmented testimonies challenge unitary national histories and reveal the intimate, embodied dimensions of political catastrophe.

Oral Histories and the Subaltern Intervention:

Alongside literary fiction, oral history has played an indispensable role in recovering marginalized partition narratives. Butalia's The Other Side of Silence and the collaborative work of Ritu Menon and Kamala Bhasin in Borders and Boundaries demonstrate the power of oral testimony to disrupt official accounts and expose the intimate, often excruciating, dimensions of partition experience. These oral histories give voice to those who have been systematically ostracized and elided from dominant discourses—women who survived abduction, children separated from their families, refugees who spent decades in camps, and members of religious minorities who found themselves rendered alien in their own homelands.

The methodological significance of oral history extends beyond the mere recovery of

forgotten facts. By centering personal testimony, oral historians challenge the epistemological assumptions of conventional historiography. They demonstrate that history is not a settled body of objective knowledge but a contested terrain shaped by power relations. The act of bearing witness through oral testimony is itself a political intervention, refusing to allow traumatic events to be consigned to oblivion or subsumed within sanitized nationalist narratives. As Pandey emphasizes, there is an inescapable entanglement between event and interpretation; how Partition is remembered is inseparable from how it is narrated and what those narratives are made to signify in different political contexts.

Yet oral histories are not transparent windows onto the past. They are themselves narrative constructions, shaped by the dynamics of the interview situation, the cultural frameworks through which survivors make sense of their experiences, and the narrative conventions available to them. This does not diminish their value but rather underscores the importance of reading them critically, attending both to what is said and what is left unsaid. The silences in oral testimonies—the gaps, the hesitations, the refusal to speak—are often as revealing as the narratives themselves. They mark the limits of representation, the points where trauma exceeds the capacities of language and requires other forms of expression.

The Narrative Production of Stigmatized Identities:

One of the most troubling dimensions of partition narratives is their role in producing and perpetuating stigmatized communal identities. Devika Mittal's analysis of Indian history textbooks reveals how the narrative of Partition systematically excludes Muslims from the nationalist movement, presents an uncritical account of the demand for partition, and stigmatizes the Muslim community as communal and unpatriotic. This discursive construction of the "enemy" serves contemporary political ends, legitimizing exclusionary forms of Hindu nationalism and justifying ongoing discrimination against religious minorities.

The production of stigmatized identities through partition narratives exposes the high political stakes of storytelling. Narratives are not neutral accounts of past events but active interventions in contemporary politics. They shape who is included in the national community and who is excluded, which forms of violence are remembered and which are forgotten, and what kind of future is imagined as possible. This is why the struggle over partition narratives remains so intense—it is a struggle over the meaning of the past and the shape of the future. When political actors invoke partition narratives to mobilize support for contemporary policies, they are not merely citing history but actively constructing it.

Comparative Perspectives: Ireland and Palestine:

While the Partition of South Asia has been the focus of extensive scholarly attention, it is by no means the only case where partition has generated powerful and enduring conflict narratives. Comparative analysis of the partitions of Ireland (1921) and Palestine (1948) reveals both common structural patterns and significant contextual differences, enriching our understanding of how partition narratives function across diverse historical settings.

The Partition of Ireland:

The Anglo-Irish Treaty of 1921, which created Northern Ireland as a separate political entity within the United Kingdom, inaugurated a century of sectarian conflict and contested identity. Partition narratives in Ireland are

characterized by their deep entanglement with competing constitutional aspirations. Unionist narratives emphasize the legitimacy of Northern Ireland's constitutional status and the economic and cultural benefits of remaining within the United Kingdom, while nationalist narratives frame partition as the arbitrary and unjust division of the national territory.

Crucially, the political and cultural analysis of Irish partition narratives reveals that the issue extends beyond formal political institutions to encompass civil society, cultural institutions, literary production, and intellectual politics. Literary and cinematic representations of the Irish border do not simply serve the interests of either nation or state; they function as complex media through which the often conflicting claims of nation and state can be imaginatively negotiated. Works by writers such as Seamus Heaney, Edna O'Brien, and Bernard MacLaverty have explored the psychological and social consequences of the partition, revealing how the border operates not merely as a geographical line but as a psychic wound inscribed in the consciousness of individuals and communities.

Irish women's partition fiction has been particularly significant in offering alternative perspectives on the conflict. Recent scholarship has examined how women writers responded powerfully to the convulsive events of partition, providing a vital record of conflict narratives that had been inexcusably marginalized in mainstream accounts. These narratives contribute to a gender-inclusive understanding of partition history and illuminate the potential for imagining a "shared island" beyond the constraints of sectarian identity.

The Nakba and Palestinian Narratives:

The 1948 Nakba—literally "catastrophe" in Arabic—represents another crucial case study in partition narratives. The establishment of the state of Israel and the displacement of approximately 750,000 Palestinians generated profoundly conflicting narratives that remain central to the ongoing Israeli-Palestinian conflict. The Zionist narrative emphasizes Jewish historical connection to the land and the necessity of a Jewish state in the wake of the Holocaust, while the Palestinian narrative foregrounds the catastrophe of dispossession and the denial of Palestinian national rights.

Scholarship on the Nakba has explored how competing claims over the existence of an indigenous population are articulated through narrative. Bashir Bashir and Amos Goldberg have compellingly argued that the Holocaust and the Nakba can be understood as mutually constitutive founding traumas belonging to the same modern and global history of genocide and ethnic cleansing. This framing challenges the tendency to treat these events in isolation from each other and suggests that understanding either requires attending to the narrative entanglement between them.

The educational dimension of Nakba narratives has been the subject of significant scholarly investigation. Research on Israeli history education has examined how parallels are drawn between Palestinian suffering during the Nakba and the 1967 War, and how the narrative presented in the majority of educational materials continues to affirm Zionist righteousness. This suggests that, as in the Indian and Irish cases, partition narratives in the Palestinian context are actively produced and contested through institutional frameworks, with profound implications for peace-building and reconciliation.

Common Patterns and Distinctive Features:

Comparison of these three cases reveals several recurrent patterns in partition narratives. First, partition narratives are invariably shaped by

the interests of states and national movements, which seek to legitimize their existence and delegitimize their opponents. Second, partition narratives generate counter-narratives from marginalized groups—women, minorities, refugees—that challenge official accounts and reveal alternative truths. Third, partition narratives are transmitted across generations, with the children and grandchildren of those who experienced partition continuing to grapple with its legacy through forms of postmemory.

Yet each case also exhibits distinctive features. The Indian Partition produced the largest mass displacement in modern history, generating a scale of violence and uprooting that continues to shape its narrative landscape. The Irish partition, while less violent in scale, has been characterized by a longer and more complex process of political contestation, with the Good Friday Agreement of 1998 representing a significant attempt to manage competing narratives through institutional mechanisms. The Palestinian Nakba remains an unresolved conflict, with narratives continuing to be produced in the context of ongoing violence, dispossession, and political struggle. These differences underscore the importance of attending to historical specificity even as we identify common structural patterns.

The Politics and Ethics of Partition Narratives:

The study of partition narratives raises profound questions about the politics and ethics of storytelling. Who holds the authority to narrate these events? Whose experiences are centered and whose are marginalized? What responsibilities do scholars, writers, and educators bear when engaging with these fraught histories?

Narrative as Political Intervention:

Partition narratives are never politically neutral. They are produced within specific institutional contexts—educational systems, state archives, publishing industries, film industries—that condition what can be said and how it can be said. Pandey's critique of statist histories written in the shadow of nationalism demonstrates how official narratives systematically exclude perspectives that challenge nationalist mythologies. The production of stigmatized identities through these narratives serves political ends, legitimizing exclusionary forms of nationalism and justifying ongoing discrimination.

Yet the political nature of partition narratives also opens possibilities for resistance. Counter-narratives, whether in the form of literary fiction, oral history, or graphic narrative, can challenge dominant accounts and offer alternative visions of community. The graphic narrative "The Taboo," for example, presents the experiences of residents of a refugee camp who have not been rehabilitated to this date and remain trapped as historical residues of the Partition. By foregrounding the agency of refugee women with lower caste and class backgrounds whose histories have remained undocumented in official records, such narratives perform a crucial political function. They demonstrate that subaltern subjects are not merely victims of history but active agents in its interpretation and contestation.

The Ethical Responsibilities of Witnessing

The narration of partition violence raises difficult ethical questions. How can one represent extreme violence without either sensationalizing it or rendering it incomprehensible? What responsibility do narrators have to those who suffered and died? What is the relationship between witnessing, testimony, and justice?

Trauma theory has been particularly influential in addressing these questions. Caruth's work on "unclaimed experience" suggests that trauma narratives are characterized by a fundamental tension—they must communicate

what cannot be fully known or mastered. This insight has implications for how we read partition narratives: we must attend not only to what they say but also to what they cannot say, to the silences and gaps that mark the limits of representation. Ethical reading demands a receptivity to these silences, a recognition that some experiences resist narrativization and must be approached with humility and respect.

Feminist scholars have also contributed significantly to ethical reflection on partition narratives. By foregrounding the experiences of women, scholars such as Butalia and Menon have insisted on the importance of listening to those who have been silenced. This is not simply a matter of recovering forgotten voices but of recognizing that gender inflects the very structure of historical knowledge. Women's narratives offer not just different content but different forms of knowledge—knowledge that is embodied, relational, attentive to the particularities of experience, and resistant to the abstraction that often characterizes conventional historiography.

Narrative and the Possibilities of Reconciliation:

The relationship between narrative and reconciliation is complex and contested. Some scholars and practitioners have argued that sharing narratives of suffering can promote mutual understanding and contribute to peace-building. Others have cautioned that narratives can also reinforce division, particularly when they are mobilized to support competing claims to victimhood.

The Irish case offers some insights into these dynamics. The Good Friday Agreement, while primarily a political settlement, also involved efforts to address the narrative dimensions of the conflict. However, scholars have noted that conflicting narratives surrounding the Troubles reflect long-standing divisions between Catholic and Protestant communities. Narrative alone cannot resolve these divisions, but it can create spaces for critical reflection on the stories that communities tell about themselves and others. The key is not to replace one narrative with another but to cultivate narrative forms that are self-critical, open to complexity, and capable of acknowledging suffering on all sides.

In the South Asian context, the ongoing hostility between India and Pakistan has been sustained in part by competing partition narratives. Each country has developed its own thesis and counter-thesis to prove that it was only the other who was responsible for the catastrophic division. Breaking this cycle of mutual accusation requires not simply offering a more "balanced" account but developing narrative practices that acknowledge the full humanity of all those affected by partition violence. This is not a matter of moral equivalency but of recognizing that the legacy of partition includes suffering that transcends national boundaries and demands a response grounded in shared humanity.

Conclusion:

Partition narratives are fundamental to understanding the violent divisions that have shaped the modern world. They are sites where trauma is processed and contested, where national identities are forged and challenged, and where the possibilities for reconciliation are imagined or foreclosed. As this chapter has demonstrated, the study of these narratives requires interdisciplinary approaches that draw on trauma theory, memory studies, postcolonial critique, and comparative analysis.

The cases of India, Ireland, and Palestine reveal both common patterns and distinctive features in how partition narratives function. In each case, official narratives have systematically marginalized certain voices while elevating others, producing stigmatized identities and

legitimizing exclusionary forms of nationalism. Yet in each case, counter-narratives have emerged that challenge dominant accounts and offer alternative visions of community. The tension between hegemonic and subaltern narratives is constitutive of the field of partition studies and is likely to persist as long as the legacies of partition continue to shape contemporary politics.

The ethical responsibilities of those who engage with partition narratives are considerable. Scholars, writers, and educators must attend to the silences and gaps in these narratives, recognizing that what is not said is often as significant as what is said. They must resist the temptation to instrumentalize suffering for political ends while also acknowledging that narratives are inevitably political. And they must remain attentive to the ongoing legacies of partition violence, recognizing that these events are not simply past but continue to shape present realities.

In an era of resurgent nationalism, escalating communal violence, and new partitions—whether literal or figurative—the stakes of narrative engagement could not be higher. How we tell the stories of partition, war, and conflict shapes not only how we understand the past but also what kind of future we can imagine. Critical engagement with these narratives—one that is attentive to trauma, alert to the politics of storytelling, and committed to ethical witnessing—is essential for any project of healing and reconciliation. The work of narrating partition is far from complete; it is a task that must be continually renewed, with each generation bringing its own concerns and sensibilities to bear on the enduring legacies of these foundational catastrophes.

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Literature, Technology, And The Changing Indian Society: Intersections, Digital Metamorphoses, And Cultural Realities

Gangavva Nekar
Faculty, Department of English,
Soniya BA and BCOM Degree College, Dharwad, Karnataka, India
Corresponding Author – Gangavva Nekar
DOI - 10.5281/zenodo.23085707

Abstract:

This research article presents a critical investigation into the tripartite relationship between literature, technology, and socio-cultural shifts in contemporary India. As the Indian subcontinent undergoes an unprecedented digital transition—fueled by pervasive mobile internet connectivity, hyper-localized social media ecosystems, artificial intelligence, and algorithmic content curation—the traditional modes of literary creation, dissemination, and reception are experiencing a radical metamorphosis. This paper analyzes how technology has acted both as a thematic subject and a structural medium for Indian literary expressions. Tracing the historical trajectory from print culture and oral traditions to contemporary digital storytelling, hyper-textual narratives, electronic literature, and AI-assisted prose, this study evaluates the democratizing potential of digital platforms alongside the emerging crises of digital divides, linguistic hegemony, algorithmic surveillance, and narrative fragmentation. Furthermore, the paper examines how contemporary regional and Indian English literature reflects changing social structures, urban-rural dynamics, gendered agency, and posthuman identities within an increasingly technologized society. Through qualitative thematic analysis and theoretical frameworks drawing from digital humanities, cultural studies, and post-colonial theory, this article asserts that while technology democratizes creative agency and preserves vernacular heritage, it simultaneously necessitates a critical re-evaluation of human empathy, authenticity, and cultural memory in 21st-century Indian literature.

Keywords: Indian Literature, Digital Humanities, Technology and Society, Cyber-Culture, Vernacular Publishing, Electronic Literature, AI and Storytelling, Cultural Transformation.

Introduction: The Triadic Nexus of Literature, Technology, and Society:

Throughout human history, literature and technology have maintained an intrinsically co-dependent and evolutionary relationship. Literature—broadly conceived as the artistic expression of human thought, emotion, values, and socio-political reality—does not exist in an abstract vacuum; rather, it is deeply embedded in the material technologies of its era. From the oral recitations of ancient epics like the Ramayana and Mahabharata to the inscription of palm-leaf manuscripts (Tala-patra), the advent of the Gutenberg printing press, and today's cloud-based digital repositories, technology has continuously redefined how human stories are constructed, transmitted, and consumed. In the contemporary Indian context, this triadic relationship between literature, technology, and society has acquired a particularly dynamic and complex character.

India represents a socio-cultural landscape marked by profound plurality, where ancient oral traditions coexist with hyper-modern digital infrastructure. Over the past two decades, and particularly following the rapid expansion of affordable wireless telecommunications and smartphone accessibility in the mid-2010s, Indian society has experienced a digital paradigm shift.

Technology is no longer merely a tool utilized for administrative efficiency or industrial production; it has penetrated the socio-cultural fabric, reshaping everyday human interactions, family structures, political discourses, and individual subjectivities. Consequently, literature produced in India—spanning both English and the rich tapestry of Indian regional languages (Bhasha literature)—has engaged with technology on two distinct levels: as a ubiquitous thematic topic and as an ontological medium of creation.

The fundamental objective of this article is to critically examine how the interweaving of technological advancement and literary expression is reflecting and actively reshaping the changing Indian society. As Indian society navigates the tensions between tradition and modernity, rural sustenance and urban acceleration, local identity and global integration, literary narratives offer a crucial reflective space. This paper addresses key questions: How does digital technology democratize narrative space for historically marginalized voices in India? How are traditional literary genres evolving in response to short-form, hyper-textual, and algorithmic digital media? In what ways does contemporary Indian literature represent the psychological and sociological impacts of technological saturation, such as digital isolation, hyper-surveillance, and the erosion of human intimacy? Through an interdisciplinary analysis combining cultural studies, literary theory, and digital humanities, this paper provides a holistic appraisal of the changing Indian socio-literary landscape.

Historical Trajectory: From Orality and Print to the Digital Threshold:

To fully comprehend the contemporary intersection of literature and technology in India, one must examine the socio-historical shifts that preceded the digital era. Historically, Indian literature was predominantly rooted in oral traditions. Knowledge, folklore, philosophical treatises, and epic narratives were preserved through sophisticated mnemonic systems and communal performative traditions such as Harikatha, Yatra, Koodiyattam, and Burrakatha. In this pre-print paradigm, literature was an interactive, community-centric, and fluid entity, continually adapted by storytellers to reflect immediate localized social realities.

The introduction of print technology in India during the colonial era, spearheaded by Christian missionaries in Serampore and subsequently institutionalized by colonial administrations, marked the first major technological revolution in Indian literary history. The printing press commodified literature and fixed fluid oral narratives into standardized written forms. While print technology initially served colonial administrative and evangelical interests, it quickly became an indispensable instrument for the 19th-century Indian Renaissance and the subsequent anti-colonial freedom movement. Pioneers like Raja Ram Mohan Roy, Ishwar Chandra Vidyasagar, Bankim Chandra Chattopadhyay, and Rabindranath Tagore utilized print journalism and novelistic forms to challenge orthodoxy, advocate for social reform, and galvanize anti-colonial national consciousness.

However, colonial print culture remained largely elitist, constrained by formal literacy rates, economic access, and centralized publication networks concentrated in urban hubs like Calcutta, Bombay, and Madras. The late 20th and early 21st centuries witnessed the democratization of electronic mass media—namely radio (All India Radio) and television (Doordarshan)—which bridged the literacy barrier by bringing literary adaptations and cultural narratives into millions of rural and urban households. Yet, broadcast media remained a one-to-many, non-interactive medium. The true

structural break occurred with the advent of personal computing, the internet, and mobile connectivity, which transformed passive consumers of literature into active co-creators and immediate distributors of text.

"Literature does not merely register technological change; it reimagines the human condition within technological possibilities."

The Digital Transformation of Literary Production and Dissemination:

1. Self-Publishing Platforms and the Democratization of Writing: The traditional publishing industry in India has historically operated as a centralized gatekeeping mechanism, dominated by prominent publishing houses that prioritized commercially safe narratives or established urban literary elites. The rise of digital self-publishing platforms, web-log (blogging) ecosystems, and social writing applications (such as Wattpad, Pratilipi, Pratilipi Kannada, Pratilipi Hindi, Medium, and Amazon Kindle Direct Publishing) has radically disrupted this gatekeeping paradigm. Today, an aspiring writer situated in a tier-3 town or rural district in India can publish stories directly to a global audience without undergoing traditional editorial filtering.

Platforms like Pratilipi have played an exceptionally pivotal role in Indian language publishing. By supporting dozens of regional Indian languages, Pratilipi has created a vibrant community where millions of readers and writers engage with serialized fiction across genres like romance, mytho-fiction, horror, and socio-realism. This platformization of literature has democratized authorial agency, allowing non-canonical, vernacular, and populist voices to thrive outside the traditional literary establishment. Furthermore, direct reader feedback via comments, likes, and algorithmic recommendations fosters a real-time collaborative relationship between author and readership, echoing the fluid interactive dynamics of pre-print oral traditions.

2. Social Media, Flash Fiction, and Micro-Narratives: The technological constraints and affordances of contemporary social media platforms—such as Instagram, X (formerly Twitter), Facebook, and video-sharing platforms—have given rise to novel literary forms tailored to the abbreviated attention spans of digital natives. Micro-fiction, flash poetry (often termed 'Instapoetry'), tweet-novels, and visual-literary memes represent a significant evolution in literary aesthetics. Writers utilize brief, evocative fragments accompanied by visual imagery to comment on contemporary emotional and socio-political states.

While traditionalists often critique micro-fiction for lacking narrative depth, structural complexity, and thematic nuance, these minimalist digital forms possess remarkable viral potential and immediate socio-political resonance. In Indian society, where mobile phone usage dominates digital engagement, micro-narratives serve as agile instruments for swift commentary on structural issues such as gender discrimination, mental health awareness, environmental destruction, and political freedom. The aesthetic shift toward brevity and visual-textual hybridity reflects the broader cognitive and communicative shifts occurring within a hyper-connected society

Technology as a Thematic Construct in Contemporary Indian Literature:

1. Urban Alienation, Hyper-Connectivity, and Psychological Shifts:

Beyond altering the physical medium of literature, technology has deeply penetrated the thematic landscape of contemporary Indian fiction and poetry. Writers across Indian English and Bhasha literatures are increasingly reflecting upon the profound psychological and interpersonal consequences of living in an era of

hyper-connectivity. Works by modern Indian authors frequently depict the paradox of digital life: while individuals are perpetually connected to global virtual networks, they simultaneously experience unprecedented levels of emotional isolation, urban alienation, and existential anxiety. In contemporary urban narratives, the smartphone screen often functions as a central thematic motif—a site of validation, surveillance, desire, and emotional fragmentation. Relationships in contemporary Indian fiction are increasingly depicted as mediated through text messages, dating apps, and curated social media personas. Authors explore how intimate human connections are commodified and subject to immediate gratification or algorithmic discard. Literature thus serves as a critical diagnostic tool, highlighting how the accelerated pace of technological modernization often outstrips society's emotional and psychological coping mechanisms.

2. Cyber-Dystopias, Science Fiction, and Speculative Narratives: Indian science fiction and speculative literature—genres that were historically marginalized compared to social realism—have experienced a massive resurgence, directly inspired by rapid technological advancements and technological anxieties. Modern Indian speculative fiction explores themes of cyber-surveillance, biotechnology, climate change, artificial intelligence, and corporate techno-feudalism within uniquely Indian settings.

Novels such as Prayaag Akbar's *Leila* depict a near-future dystopian urban society where technological advancement coexists with extreme social segregation, totalitarian surveillance, and environmental degradation. Similarly, works by authors like Samit Basu, Manjula Padmanabhan (*Harvest*), and Sukanya Datta use speculative frameworks to critique how advanced technology can reinforce pre-existing socio-economic inequalities, caste dynamics, and patriarchal structures. By projecting current technological trends into futuristic Indian landscapes, speculative literature provides an urgent critique of unbridled technological determinism.

Socio-Cultural Impact: Language, Inclusivity, and Identity:

1. Reclaiming Vernacular Languages and Digital Archives: One of the most significant socio-cultural challenges in modern India has been the perceived threat of English-centric global digital media to regional Indian languages (Bhasha). However, technology has paradoxically emerged as a powerful tool for linguistic preservation and vernacular revival. Digital archivism projects, open-access electronic libraries (such as the Digital Library of India and Project Madurai), online literary magazines, and regional podcasts are revitalizing interest in classical and contemporary vernacular literature.

The integration of Indic script keyboard layouts, natural language processing (NLP), machine translation, and voice-to-text algorithms has enabled native speakers of Hindi, Tamil, Bengali, Kannada, Marathi, Malayalam, Telugu, and other languages to produce and consume digital content effortlessly. Digital platforms allow regional writers to reach diaspora communities worldwide, transcending geographical boundaries. Technology has thus facilitated a decentralized digital renaissance for Bhasha literature, ensuring that local cultural idioms and heritage remain vibrant within a globalized digital space.

2. Amplifying Dalit, Adivasi, and Marginalized Narratives: Historically, mainstream publishing and academic institutions in India were controlled by dominant socio-economic classes, resulting in the systemic exclusion or marginalization of Dalit, Adivasi, queer, and subaltern voices.

Digital technology has disrupted these entrenched power structures by providing unmediated, accessible, and democratized publishing avenues for marginalized literature.

Dalit and Adivasi writers, activists, and intellectuals have extensively utilized blogs, digital journals (such as *Round Table India* and *Dalit Camera*), and social media platforms to document lived experiences of caste discrimination, share anti-caste literary works, and forge solidarity networks. Digital platforms offer a space where subaltern narratives can bypass traditional elite gatekeepers, forcing mainstream society to confront structural inequalities. Literature published digitally by marginalized creators plays a transformative role in reshaping public discourse and redefining the contours of modern Indian democratic consciousness.

Contemporary Developments: Artificial Intelligence, Podcasts, and Audiobooks:

1. Audiobooks, Podcasts, and the Digital Renaissance of Orality: In recent years, the rapid proliferation of audiobook applications (such as Kuku FM, Pocket FM, Audible, and Storytel) and audio podcasts has introduced a fascinating technological shift: the digital resurgence of oral literature. India's rich historical affinity for auditory storytelling has found a natural synthesis with smartphone technology. Audiobooks and audio-drama series in regional anguages have gained immense popularity, particularly among rural, semi-urban, and non-literate demographics.

Audio platforms have democratized literary access by emancipating literature from the requirement of visual text literacy. Commuters, agricultural workers, domestic laborers, and visually impaired individuals can now consume complex narratives, self-help literature, and historical fiction on their mobile devices. This digital revival of oral storytelling bridges ancient cultural practices with contemporary technological convenience, reaffirming that literature in India continues to be a lived, sensory, and spoken experience.

2. Artificial Intelligence, Generative Prose, and Authorial Authenticity: The emerging frontier of generative artificial intelligence (such as Large Language Models like ChatGPT, Claude, and specialized creative writing tools) presents both unprecedented opportunities and existential challenges for the literary world. In India, AI tools are increasingly being adopted for collaborative creative writing, automated translation between regional languages, and grammar editing. AI translation models, in particular, hold immense potential for breaking linguistic barriers within India's multi-lingual ecosystem, allowing a Kannada novel to be instantly translated into Bengali, Tamil, or Hindi.

However, the integration of generative AI in literature raises crucial philosophical, ethical, and aesthetic dilemmas regarding authorial authenticity, intellectual property, plagiarism, and the homogenization of creative expression. Can an algorithmic model trained on statistical probabilities capture the nuance, emotional depth, historical trauma, and lived cultural context of Indian subaltern experiences? Contemporary literary scholars and authors argue that while AI can assist in structural layout and linguistic translation, the authentic core of literary art—human empathy, moral nuance, and organic lived experience—remains uniquely irreplaceable.

Challenges and Critical Concerns in the Digital Literary Paradigm:

While the intersection of literature and technology offers remarkable possibilities for democratization and innovation, it is essential to critically address the significant challenges and structural inequalities inherent in this digital paradigm shift. The primary challenge is the

lingering digital divide in India. Despite rapid internet expansion, substantial disparities persist in access to high-speed internet, hardware devices, and digital literacy across rural-urban divides, socio-economic classes, and gender categories. A vast segment of the Indian population remains digitally marginalized, excluded from the digital literary sphere.

Furthermore, the cognitive impact of digital technology—characterized by constant notifications, algorithmic dopamine loops, and information overload—presents a serious threat to deep, contemplative reading practices. Long-form literature demands sustained focus, critical reflection, and silent contemplation—qualities that are increasingly eroded by hyper-fragmented digital consumption habits. The transition from immersive deep reading to superficial skimming across screens threatens the depth of critical thinking and literary comprehension among younger generations.

Additionally, algorithmic content curation on social and digital publishing platforms prioritizes engagement metrics, sensationalism, and viral trends over literary quality, depth, and ethical nuance. Authors who write for digital platforms often find themselves trapped in content treadmill dynamics, feeling pressured to conform to algorithmic demands rather than pursuing artistic complexity. The risk of echo chambers, online harassment, content censorship, and copyright violation further complicates the digital literary space.

Conclusion and Future Directions:

In conclusion, the relationship between literature, technology, and changing Indian society is a dynamic, multi-faceted, and ongoing transformation. Technology has fundamentally altered the entire literary lifecycle in India—from how narratives are conceived and written, to how they are published, translated, distributed, and consumed. Rather than displacing literature, technology has expanded its horizons, giving rise to novel forms like micro-fiction, digital archives, regional audiobooks, and interactive hyper-textual narratives.

Contemporary Indian literature acts as both a beneficiary and a sharp critic of technological progress. It celebrates the democratizing power of digital platforms that amplify marginalized Dalit, Adivasi, female, and regional voices, while simultaneously critiquing urban alienation, cyber-dystopias, socio-economic inequality, and the erosion of human empathy. As Indian society advances deeper into the digital age—confronted with the rise of artificial intelligence, automated translation, and hyper-connected environments—literature remains an indispensable sanctuary for reflection, ethical questioning, and human connection.

The future of Indian literature lies in a balanced integration: leveraging modern technology to preserve cultural heritage and democratize creative access, while steadfastly safeguarding the intrinsic depth, authenticity, and human empathy that define great literary art. Scholars, educators, and creators must champion digital literacy and critical reading practices, ensuring that as technology continues to evolve, the literary soul of Indian society remains vibrant, critical, and inclusive.

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Literature, Technology And Changing Indian Society

Amit N. Savatikar
M. A. English, Karnataka University Dharwad
Corresponding Author – Amit N. Savatikar

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Abstract:

Indian society is undergoing rapid transformation due to technological development, globalisation, urbanisation and the expansion of digital communication. Technology has changed not only economic and educational activities but also the ways in which people read, write, communicate and participate in cultural life. Literature, being a reflection of society, has responded to these changes by addressing themes such as digital communication, migration, changing family relationships, identity, social media and artificial intelligence. At the same time, technology has transformed the production, publication and consumption of literature through e-books, digital libraries, online journals, blogs, social media and audio books.

This paper examines the relationship between literature, technology and changing Indian society using secondary sources. It discusses the impact of digital technology on reading and writing, Indian languages, education, cultural identity and social relationships. It also considers the opportunities and challenges associated with artificial intelligence. The paper argues that technology has widened access to literature and cultural resources but has also created concerns regarding the digital divide, language inequality, intellectual property and the preservation of human creativity. A balanced approach that combines technological advancement with cultural diversity, ethical responsibility and human values is essential for an inclusive digital society.

Keywords: Literature, Technology, Indian Society, Digital Literature, Indian Languages, Artificial Intelligence, Digital Divide, Social Change.

Introduction:

Literature and society have always been closely connected. Literature reflects the social, cultural and economic conditions of a particular period and provides a means of understanding social change. Indian literature, from classical and medieval writings to contemporary regional and English literature, has addressed issues such as caste, class, gender, family, poverty, education, migration and identity.

In the twenty-first century, technology has become an important force of social transformation. Computers, smartphones, the internet and social media have changed the way people communicate and access information. These changes have also influenced literature. Books are increasingly available in digital form, while blogs, online magazines, podcasts, social-media writing and digital storytelling have created new forms of literary expression.

The change is particularly significant in India because of its linguistic and cultural diversity. Digital platforms provide opportunities for Indian languages and regional literature to reach readers beyond geographical boundaries. Digital archives can also help preserve manuscripts, books, folk traditions and other forms of cultural heritage.

However, technological development has also created challenges. Unequal access to devices and internet services, differences in digital literacy, language inequality,

misinformation and concerns about artificial intelligence raise important social and cultural questions. Therefore, the relationship between literature, technology and Indian society needs to be examined from both positive and critical perspectives.

Objectives of the Study:

The study has the following objectives:

1. To examine the relationship between literature, technology and social change in India.
2. To analyse the impact of digital technology on reading and writing.
3. To understand the role of technology in promoting Indian languages and culture.
4. To examine the influence of technology on education and social relationships.
5. To identify the opportunities and challenges created by artificial intelligence.
6. To suggest measures for promoting inclusive and responsible technological development.

Methodology:

The study is descriptive and analytical in nature. It is based entirely on secondary data collected from books, research publications, institutional reports and reliable online sources. Reports and publications of organisations such as UNESCO and the World Bank have been referred to for understanding digital transformation, cultural preservation and digital inclusion. The study uses a qualitative approach to analyse the major changes taking place in literature and Indian society due to technological development.

Literature, Technology and Changing Indian Society:

1. Digital Transformation of Literature: Technology has changed the traditional literary system. Earlier, writers depended mainly on publishers, printing presses, libraries and physical distribution. Today, writers can publish their work through websites, blogs, online magazines and social-media platforms. Readers can access literary material through smartphones, computers and tablets.

E-books, online journals and digital libraries have made literary resources more accessible. A reader in a rural or distant area can access books and research materials without physically visiting a library. Digital technology has therefore reduced some geographical barriers to literary participation.

At the same time, online publication has created challenges. The large volume of digital content makes it difficult to distinguish reliable and valuable literary material from low-quality content. Popularity, social-media engagement and algorithms may influence which literary works receive attention.

2. Changing Reading Habits: Technology has changed the way people read. Printed books continue to be important, but readers increasingly use e-books, online newspapers, digital journals and audiobooks. Smartphones have made reading more portable and convenient.

Digital reading provides quick access to a large amount of information. Students can download study materials, researchers can access academic publications and readers can explore literature from different regions.

However, digital environments may also encourage short and fragmented reading because users are frequently exposed to notifications, videos and social-media content. Therefore, technology should complement rather than replace deep and sustained reading.

3. Technology and Indian Languages: India's linguistic diversity is one of its major cultural strengths. Technology has created new possibilities for Indian languages through digital dictionaries, translation tools, speech recognition, text-to-speech systems and online publications.

Regional literature can now reach audiences beyond its traditional geographical boundaries. Digitisation can also preserve rare books, manuscripts and oral traditions.

Artificial intelligence and machine translation may further support communication between Indian languages. However, languages with limited digital resources may receive less technological attention. Therefore, investment in Indian-language digital content is necessary to ensure linguistic inclusion.

4. Literature and Cultural Identity: Literature plays an important role in expressing cultural identity. Digital technology has provided new opportunities for preserving and sharing India's diverse cultural traditions. Folk stories, poetry, oral histories and regional literary works can be digitally recorded and made available to wider audiences.

Digital platforms can therefore strengthen cultural awareness. At the same time, global digital platforms may expose people primarily to dominant cultural trends. There is a possibility that local traditions and languages may receive less visibility.

The challenge is to use technology to connect India with the global community without weakening its cultural and linguistic diversity.

5. Technology and Education: Technology has significantly influenced education in India. Online courses, digital classrooms, e-books, educational videos and electronic databases have increased access to learning resources. Literature students can access texts, criticism and research materials from different parts of the world.

The COVID-19 pandemic demonstrated the importance of digital education. However, it also revealed the digital divide. Students without suitable devices, internet connectivity or digital skills faced difficulties in participating in online learning.

Thus, digital education can expand opportunities only when technological access is equitable.

6. Technology and Social Relationships: Digital communication has changed social relationships. Mobile phones, messaging applications and social media enable people to communicate instantly across geographical distances. Families separated by migration can maintain regular contact through video calls and messaging.

However, increased digital communication does not always mean stronger social relationships. Excessive dependence on digital platforms may reduce face-to-face interaction. Social media can also contribute to misinformation, online conflict and privacy concerns.

Contemporary literature increasingly reflects these changing social experiences through stories and poems dealing with migration, virtual relationships, loneliness, identity and technology-mediated communication.

7. Artificial Intelligence and Literature: Artificial intelligence is becoming an important part of the contemporary technological environment. AI can assist writers, teachers and researchers with translation, editing, summarisation, transcription and language learning. It may also support the digitisation and preservation of Indian literary works.

For Indian languages, AI has potential to improve translation and accessibility. However, it raises questions about authorship, originality, copyright and human creativity.

Literature is not simply the arrangement of words. It involves human experience, imagination, emotion and cultural understanding. Therefore, AI should be used as an assisting technology while preserving the importance of human creativity and responsibility.

8. The Digital Divide: The benefits of technology are not equally available to all

sections of society. Differences in income, location, education, age, gender, digital skills and language can affect access to technology.

The World Bank's data show that internet use in India has expanded considerably, but a significant section of the population still remains outside regular internet use. This indicates that digital inclusion remains an important challenge.

The digital divide is therefore not only a technological problem. It is also an educational, economic and cultural issue. Greater access to affordable internet, devices, digital education and Indian-language content is necessary for inclusive development.

Major Findings:

The study identifies the following major findings:

1. Technology has transformed literary production and distribution. Writers can reach readers directly through digital platforms.
2. Reading habits are changing. E-books, online publications, smartphones and audiobooks have become important sources of literary content.
3. Indian languages have new opportunities. Digital tools can help preserve, translate and disseminate regional-language literature.
4. Technology supports cultural preservation. Digital archives can protect manuscripts, folk traditions and literary heritage.
5. Education has become more accessible through technology, but unequal access to devices and internet connectivity remains a challenge.
6. Social relationships have become increasingly technology-mediated, creating both opportunities for communication and concerns about excessive digital dependence.
7. Artificial intelligence offers new possibilities for literature, particularly translation, preservation and accessibility, but it raises questions concerning authorship, copyright and originality.
8. The digital divide remains an important issue. Technological progress must be accompanied by digital literacy and affordable access.

Suggestions

The following measures may help in achieving inclusive technological and cultural development:

1. Digital literacy should be strengthened in schools, colleges and universities.
2. Indian-language books and manuscripts should be systematically digitised.
3. Digital libraries should be expanded, particularly for educational and research purposes.
4. Regional literature should receive greater representation on digital platforms.
5. Rural and economically disadvantaged communities should receive affordable internet and digital infrastructure.
6. Students should be encouraged to develop both digital reading skills and deep-reading habits.
7. Artificial intelligence should be used responsibly, with attention to copyright, authorship and human creativity.
8. Writers and cultural institutions should be encouraged to use digital platforms for preserving and promoting Indian literary traditions.
9. Educational institutions should teach students to critically evaluate online information.
10. Technology policies should give adequate attention to linguistic and cultural diversity.

Conclusion:

Literature, technology and society are closely interconnected. Technology has changed the way literature is produced, distributed, read and discussed, while literature continues to reflect

the social changes created by technological development. Digital platforms have expanded access to books, educational resources and cultural materials and have created new opportunities for Indian languages and regional literature.

At the same time, technological transformation presents challenges such as the digital divide, language inequality, misinformation, privacy concerns and questions surrounding artificial intelligence. These challenges demonstrate that technological progress cannot be measured only by the availability of digital tools.

India needs a balanced approach in which technology supports rather than replaces human creativity and cultural values. Digital innovation should be combined with the preservation of Indian languages, literary traditions and cultural diversity. The future of literature in India will therefore depend on maintaining a meaningful balance between technology and tradition, innovation and creativity, accessibility and quality, and digital development and human values.

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Subverting Patriarchy and Re-imagining the Nation: The Representation of Women in Shashi Tharoor's Fiction

Dr. Shashikant Konnur
Assistant Professor and Head, Department of English,
KLE Society's Lingaraj College, Belagavi (Autonomous)
Corresponding Author – Dr. Shashikant Konnur
DOI - 10.5281/zenodo.23085746

Abstract:

Postmodern Indian English fiction reflects a shift from a subservient "feminine" position to an assertive "female" subjectivity that challenges patriarchal structures and traditional gender roles. Shashi Tharoor's fiction—including The Great Indian Novel, Show Business, Riot, and The Five Dollar Smile and Other Stories—explores female agency, gendered violence, and socio-political marginalization across mythological, cinematic, political, and provincial contexts. In The Great Indian Novel, Tharoor reworks epic mythology to critique patriarchy: Gandhari resists the restrictive role of the dharmapatni, Kunti faces pressure to produce male heirs, Priya Duryodhani confronts gender bias in politics, and Draupadi symbolizes Indian democracy subjected to political violation. Show Business examines the commodification of women through Maya's confinement within the ideal "bahu" and Mehnaz's exploitation and abandonment. Riot addresses reproductive autonomy alongside dowry deaths, domestic abuse, and gendered moral double standards, while The Five Dollar Smile and Other Stories portrays domestic restrictions, paternal violence, and inequalities in education. Overall, Tharoor moves beyond passive female victimhood, presenting women's subjectivity as a crucial lens for examining the moral, cultural, and political dimensions of the postcolonial nation.

Keywords: Shashi Tharoor, Representation of Women, Patriarchy, Mythological Subversion, Female Subjectivity, Gendered Violence, Postcolonial Nationhood.

Introduction: The Shift from the "Feminine" to the "Female:

Postmodern Indian English fiction has undergone a profound paradigm shift in its engagement with social realism and politics. As literary critics have observed, contemporary Indian English literature reflects a significant transition from a passive, subservient "feminine" position to an assertive, self-aware "female" subjectivity that actively interrogates patriarchal value orientations (Patnaik 52). Whereas early Indian English novelists frequently presented female characters as dutiful, passive, and yielding figures whose primary fulfilment lay in self-sacrifice and domestic, postmodern fiction written in the closing decades of the twentieth century boldly redefines woman's role in society. Novelists of this era recognize the inadequacy of male-created ideologies and seek to dismantle the systems through which women have been sexually colonized and biologically subjugated (Swain 49).

Shashi Tharoor occupies a distinctive position with in this post-colonial and postmodern literary milieu. While best known for his satirical reinventions of national history, political satires, and historiographical metafiction, Tharoor's creative corpus—encompassing The Great Indian Novel (1989), Show Business (1992), Riot: A Novel (2001), and The Five Dollar Smile and Other Stories (1990)—consistently foregrounds gender as a primary axis of social and political

critique. Kate Millett famously defined politics as a "relationship of dominance and subordination" (Millett33). Applying this lens to the domestic, cultural, and institutional structures of India, Tharoor demonstrates how sexual politics permeates every layer of national life.

Across his fiction, Tharoor presents women not merely as passive victim so finstitutionalized violence, but as complex, evolving subjects whose struggles for bodily autonomy, intellectual fulfillment, and political power expose the moral fractures of postcolonial India. By examining female representation across mythologicalsatire, cinematicallegory, provincialrealism, and short fiction, this article argues that Tharoor utilizes female subjectivity as a crucial site for subverting patriarchal hegemony and re-imagining the ethical parameters of the contemporary nation-state.

Mythological Subversion and Political Allegory in The Great Indian Novel:

In The Great Indian Novel, Tharoor employs a postmodern mythical method, recasting the ancient epic Mahabharata to narrate the major political milestones of twentieth-century Indian history, from the British Raj and Partition to the Emergency and its aftermath. Rather than uncritically glorifying ancient myth, Tharoor uses parody, pastiche, and subversive retelling to expose the patriarchal excesses committed against women both in antiquity and in modern national politics (Balaswamy 76). The epic frame allows Tharoor to demonstrate how the subjugation of women has been historically sanctified through religious dogma and political expediency.

A central instance of mythological subversion appears in Tharoor's portrayal of Gandhari:

In traditional retellings, Gandhari's decision to blindfold herself upon marrying the sightless King Dhritarashtra is glorified as the ultimate act of wifely devotion (pativrata). Tharoor, however, reinterprets her blindfolding as a silent, fierce protest against being treated as a reified, utilitarian object in dynastic political arrangements. When challenged regarding her domestic utility, Gandhari forcefully rejects the patriarchal reduction of womanhood:

"Useful? It is not a wife's role to be useful...

If that is all you want, you can hire any number of assistants, secretaries, readers and scribes, cooks and servants and even women of pleasure... My lord, a dharmapatni is not expected to be useful" (Great 76). By refusing to remain merely "useful" to her husband's domestic comfort, Gandhari asserts a distinct moral identity that refuses to be subsumed under male authority.

Tharoor similarly critiques the patriarchal fixation on male heirs and the biological exploitation of women in his depiction of Kunti and Pandu.

Faced with coronary thrombosis and the religious injunction that a sonless man cannot attain moksha (salvation), Pandu coerces Kunti into practicing levirate sex with other men solely to produce political heirs for the throne of Hastinapur (Great 84). Tharoor exposes the hypocrisy of a male-dominated society that enforces strict chastity upon women yet willingly suspends moral codes when dynastic power is at stake. Kunti's anxiety highlights the conservative tyranny imposed on Indian women, who are forced to navigate conflicting demands between ancestral shastras and patriarchal convenience.

Furthermore, when Gandhari gives birth to a female child, both she and Dhritarashtra weep in distress, illustrating the deeply ingrained

societal preference for male offspring—a gender bias that Tharoor notes is accepted only because a prophecy claims the girl will prove equal to one hundred sons (Great 90).

The character of Priya Duryodhani—representing Indira Gandhi—subverts conventional gender expectations by seizing the highest seat of national political authority. However, Tharoor highlights the persistent gender prejudice inherent in Indian political institutions.

When her name is proposed for the Prime Ministership following the death of Shishu Pal (Lal Bahadur Shastri), the guardians of the nation react with immediate patriarchal condescension: "'A woman?'

... that was the principal objection of the guardian of our nation to the forces of nation.

'A woman!', they said, as if they were not born of them" (Great 456). Though Priya Duryodhani subsequently out-maneuvers her male rivals and consolidates autocratic power during the Emergency, her political trajectory reveals how female political leaders must navigate an inherently hostile, male-dominated political machinery.

Finally, Tharoor constructs the central character of Draupadi ("Mokrasi") as a direct allegorical representation of Indian democracy. Born of an illegitimate liaison between Dhritarashtra (Nehru) and Lady Georgina Drewpad (Edwina Mountbatten) and raised by a low-caste servant, Draupadi embodies the mixed, fabricative origins of the postcolonial nation-state. In the climactic game of dice episode, Priya Duryodhani and Shakuni (Sanjay Gandhi) strip Draupadi in open court, an act that symbolizes the authoritarian regime's assault on democratic values, legal institutions, and civil liberties during the Emergency (Mathur 122).

By equating the disrobing of Draupadi with the violation of democracy, Tharoor positions the female body as the ultimate symbol of national honor and political integrity.

Cinematic Exploitation and the 'Ideal Bahu' in Show Business:

In Show Business, Tharoor shifts his critical lens to the celluloid world of Bollywood, using the film industry as an extended metaphor for the moral decadence, commercial pretenses, and superficialities of modern Indian society (Tharoor, Bookless 173). Popular cinema in India serves as a powerful medium for manufacturing modern myths; however, Tharoor exposes how this industry systematically objectifies, marginalizes, and exploits women under the guise of entertainment and societal morality.

The protagonist Maya exemplifies the tragic conflict between female professional ambition and patriarchal domestic expectations. Initially celebrated as a talented actress and the beloved "beti" (daughter) of the nation, Maya sacrifices her flourishing cinematic career upon marrying superstar Ashok Banjara in order to fulfill the societal stereotype of the dutiful housewife (Show 81). Ashok explicitly demands her withdrawal from public life to safeguard his own status and family honor, expecting her to embody the passive role of the "ideal bahu" (daughter-in-law) who stays at home while he engages in uninhibited extramarital affairs (Show 83).

Maya expresses her deep professional frustration, protesting:

"I'm a professional actress, Ashok Banjara, and I'm sick – sick – of not exercising my profession" (Show 74). Trapped in a restrictive marriage that limits her individuality, Maya eventually refuses to remain a passive victim; she asserts her agency by returning to cinema and pursuing an extramarital relationship with Pranay, thereby challenging the patriarchal

double standards that condone male adultery while condemning female self-expression.

In contrast to Maya, the character of Mehnaz—a convent-educated Kathak dancer from a Hyderabad Nawab family—illustrates the severe vulnerability of young women in the film industry. Seduced by Ashok's charm and fame, Mehnaz enters into a secret temple marriage with him (Show 184). However, Ashok refuses to acknowledge her publicly as his lawful wife, treating her merely as a secret, sexualized possession. When public scrutiny threatens his reputation, Ashok abruptly deserts Mehnaz, driving her into emotional fragmentation and psychological despair. Mehnaz's tragic trajectory highlights how women in Bollywood are enticed by glamour only to be exploited, discarded, and denied legal or moral recognition by powerful men.

Tharoor further exposes the overt commodification of female sexuality in the celluloid world through characters like Sunita and Abha Patel. In an industry dominated by predatory male producers and directors, female actors are frequently forced to trade bodily autonomy for career survival. Sunita views sex as a commodity that costs nothing to give but yields immediate professional rewards in a male-dominated hierarchy (Show 55). Through these characterizations, Tharoor demonstrates how popular cinema reinforces male dominance, reducing female performers to objects of visual consumption while insulating male stars from moral accountability.

Grassroots Realism, Reproductive Rights, and Domestic Atrocities in Riot:

Whereas The Great Indian Novel and Show Business operate through mythic and cinematic satire, Riot: A Novel confronts the stark grassroots realities of contemporary India, exploring the intersection of religious fundamentalism, patriarchal violence, and women's reproductive health in the provincial town of Zalilgarh (Tharoor, Riot 230).

Set against the background of the 1989 Ram Janmabhoomi agitation and Babri Masjid controversy, the novel uses a file-folder structure of diary entries, interviews, letters, and newspaper clippings to examine how gendered violence is embedded within both communal politics and domestic structures. The American volunteer Priscilla Hart serves as a catalyst for investigating female subjugation and bodily autonomy in rural India.

Working for the non-governmental organization HELP US, Priscilla focuses her research on female population-control awareness and reproductive health programs (Riot 12).

Priscilla observes that the lack of female autonomy in India is directly linked to high fertility rates, as women are subjected to intense family and societal pressure to bear multiple children—particularly male heirs—which severely restricts their decisional agency and personal freedom. In her poignant poem Christmas in Zalilgarh, Priscilla captures the systemic oppression of undernourished Indian women who submit unprotected to their husbands, giving birth to children into a cycle of poverty and domestic servitude (Riot 15).

Tharoor contrasts Priscilla's crusade for female empowerment with the brutal reality of domestic atrocities in provincial households. A glaring example is the fate of Sundri, the married sister of Kadambari, who is victimized by dowry demands and ultimately burned to death by her in-laws for failing to produce a male child (Riot 48).

Sundri's mother-in-law callously justifies the bride burning: "What use of this woman who does not work around the house and cannot even produce a son" (Riot 48). Sundri's murder underscores the terrifying reality of bride burning

in India, where female life is treated as disposable if it fails to yield financial dowry or male progeny.

Similarly, the story of Fatima Bi exposes the severe denial of reproductive rights in traditional rural Muslim households. Mother to seven children, Fatima attempts to use contraception to avoid another dangerous pregnancy.

Upon discovering this, her husband physically assaults her and forbids her from visiting the family planning center (Riot 254). Despite facing severe domestic abuse, Fatima secretly seeks medical assistance to terminate her eighth pregnancy, demonstrating a quiet yet heroic effort to claim control over her own body against patriarchal tyranny.

Furthermore, Riot critiques the deep-seated moral double standards practiced by educated Indian men regarding female chastity. The District Magistrate, Lakshman, who engages in an extramarital affair with Priscilla, unabashedly defends societal expectations regarding female virginity:

"Of course she [his wife Geetha] was a virgin. Forget sex, she hadn't kissed a boy, she hadn't even held hands with one. That's how it is in India...

No decent woman from a good family would be anything else" (Riot 83). While Lakshman grants himself total sexual freedom outside marriage, he demands absolute purity and passive submission from his Indian wife, illustrating how patriarchal honor codes operate as instruments of male privilege and female restraint.

Familial Restraints and Gender Inequality in Short Fiction:

Tharoor's early short story collection, The Five Dollar Smile and Other Stories, provides intimate vignettes of domestic life, examining how gender discrimination, educational disparity, and paternal violence restrict young women in urban and rural settings (Juneja and Karat 76).

In "The Village Girl," Tharoor addresses the explicit bias against female education in rural Kerala. Seventeen-year-old Susheela achieves outstanding marks in her SSLC examinations, making her eligible for a university scholarship (Smile 53). However, her father refuses to allow her to pursue higher education, reserving all family financial resources to fund the studies of her dull brother, who has failed his examinations twice. Susheela laments her mother's patriarchal resignation:

"What is a girl going to do with a college degree anyway, my Amma says, will it help me
make better idlis for my husband? ...

a girl has to graduate from homework to housework" (Smile 52). Denied an education, Susheela is forced into a child marriage with an older, widowed man who abuses alcohol, simply because his family demands no dowry (Smile 53).

Through Susheela's plight, Tharoor highlights how systemic gender inequality in education and forced early marriage stifle female potential in rural India.

In "The Professor's Daughter," Tharoor depicts the severe domestic restraint and paternal violence inflicted on young women to preserve patriarchal "family honor." Seventeen-year-old Jasvinder Kaur is kept in strict isolation by her father, Professor Chhatwal, who forbids her from interacting with male college students (Smile 79). When her father discovers her engaged in a harmless conversation with a male student, Har Bhajan Singh, he beats her mercilessly with a wooden roller (Smile 79).

Jasvinder's physical punishment illustrates how educated, middle-class fathers frequently act as tyrannical custodians of female morality, treating their daughters' independence as a threat to domestic prestige.

In contrast, the short story "Auntie Rita" offers a provocative subversion of conventional marital fidelity. Auntie Rita engages in an uninhibited extramarital relationship with her young nephew Arjuna, openly rejecting societal guilt regarding female sexual desire (Smile 126). When Arjuna expresses moral hesitation, Auntie Rita humorously dismisses conservative taboos, citing Somerset Maugham to assert female sexual agency against rigid patriarchal norms (Smile 127).

Through these diverse narratives, Tharoor presents a spectrum of female experiences, ranging from the painful domestic confinement of young girls to the bold sexual subversion of older women.

Conclusion:

Female Subjectivity as National Critique:

Shashi Tharoor's fictional corpus demonstrates a sustained commitment to exposing and subverting the multifaceted structures of patriarchal oppression in India. Across mythological retellings, cinematic satires, political allegories, and realistic provincial dramas, Tharoor moves beyond the simple depiction of women as passive sufferers, constructing female characters who actively interrogate, resist, and redefine their positions in society.

Whether through Gandhari's rejection of utilitarian wifely duty, Maya's insistence on professional identity, Fatima Bi's courageous assertion of reproductive choice, or Draupadi's personification of a violated yet resilient democracy, Tharoor demonstrates that the status of women is inextricably linked to the moral health of the nation-state. By placing female subjectivity at the center of his socio-political critiques, Tharoor forces the postcolonial nation to confront its internal contradictions, arguing that true national liberation remains incomplete without total gender equality, bodily autonomy, and social justice for all women.

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Gender, Identity and Resistance in Mahasweta Devi's "Draupadi"

Dr. Girijashankar Suresh Mane
Department of English,
Sangolli Rayanna First Grade Constituent College, Belagavi
Corresponding Author – Dr. Girijashankar Suresh Mane
DOI - 10.5281/zenodo.23087362

Abstract:

Literature often becomes a space where experiences that remain unheard in ordinary social life can find expression. Questions of identity, gender and social justice become especially important when literature represents people living at the margins of society. Mahasweta Devi's short story "Draupadi" is a powerful example of such writing. Through the life of Dopdi Mejhen, a tribal woman caught in a violent political situation, Devi examines the relationship between gender, social identity, political power and human dignity. Dopdi is not presented simply as a helpless victim. Her experience of violence gradually becomes a challenge to the people and institutions that attempt to control her. The story also creates an important connection with the Draupadi of the Mahabharata, bringing an ancient cultural memory into a modern political and social context. This paper examines how Devi uses the female body, identity, silence and resistance to question established ideas about womanhood and honour. It also considers the relevance of feminist and intersectional perspectives in understanding Dopdi's experience. The paper argues that "Draupadi" transforms the representation of a marginalized woman from an object of suffering into a subject who refuses to surrender her dignity. In doing so, the story makes literature a powerful space for thinking about social justice and human agency.

Keywords: Mahasweta Devi, Draupadi, Dopdi Mejhen, Gender, Identity, Resistance, Social Justice, Tribal Literature, Feminism.

Introduction:

Literature has always had a close relationship with society. Writers respond to the world around them, sometimes by describing social realities and sometimes by questioning the values through which those realities are understood. A literary text can therefore become much more than a story. It can bring attention to people whose experiences are ignored, challenge familiar ideas and make readers look at society from a different position. This becomes particularly important when the subject is a marginalized person whose voice has rarely occupied the centre of social or literary discussion. Literature can give such a person a presence, although the question of who speaks for whom remains complicated. Mahasweta Devi's "Draupadi" is significant precisely because it places a marginalized tribal woman at the centre of a story about political violence, gender and resistance.

Mahasweta Devi was deeply concerned with the lives of marginalized communities in India, especially tribal communities and women. Her writing repeatedly brings together social history, political conflict and individual suffering. "Draupadi" was translated into English by Gayatri Chakravorty Spivak and published in Critical Inquiry in 1981. The publication brought Devi's story into an important international academic discussion concerning gender, representation and the voices of marginalized people.

The central character, Dopdi Mejhen, is a tribal woman involved in a political struggle. Her identity is shaped by several circumstances at the same time. She is a woman, a tribal person, a poor person and a political rebel. These identities cannot be separated from one another when her experience of oppression is examined. Her situation therefore provides an important opportunity to understand how gender and social position interact. Her story is not simply about violence against women. It is about the way political authority can use gendered violence against a woman who is already socially marginalized.

The title itself is significant. The name "Draupadi" immediately recalls the woman in the Mahabharata who is publicly humiliated in the royal court. Devi takes this familiar cultural name and gives it to a tribal woman living in a completely different historical and social world. Through this connection, the story brings mythology into conversation with modern political reality. The reader is encouraged to think about the continuing relationship between the female body, honour, humiliation and power.

Identity and Social Position:

Identity is not presented in "Draupadi" as something simple or fixed. Dopdi's identity is formed through her relationship with her community, her economic position, her political activities and her gender. She is not merely an individual separated from society. Her life is connected with the history and struggles of the people around her.

This is important because marginalized people are often described through a single identity. A tribal woman may be described only as tribal. A woman may be discussed only in terms of gender. A political activist may be reduced to a political label. Devi does not allow such a simple understanding of Dopdi. Her character exists at the meeting point of several social realities.

Kimberle Crenshaw's concept of intersectionality provides a useful way of understanding this complexity. Crenshaw explains how different forms of disadvantage can operate together and can produce experiences that are not fully understood when each form of discrimination is examined separately. Her influential essay "Mapping the Margins" was published in Stanford Law Review in 1991 and examines the relationship between identity, violence and the experiences of women facing multiple forms of marginalization.

Dopdi's experience can be read in a similar manner. Her gender matters, but her gender cannot be separated from her tribal identity or her political position. She is vulnerable not simply because she is a woman but because she occupies a particular social and political position. This makes the story especially important for the study of social justice.

The story also raises questions about who has the authority to define another person. Dopdi is identified by officials according to the categories of the state. She is viewed as a political problem and a person to be captured. Such official descriptions do not fully represent her humanity. Behind the political label is a woman with a history, a community and a sense of dignity.

This conflict between imposed identity and lived identity is central to the story. Society may give an individual a name, a category or a role, but an individual may not accept that definition completely. Dopdi's later resistance becomes important because she refuses to allow her captors to have the final authority over the meaning of her identity.

Gender and Power:

Gender in "Draupadi" is closely connected with power. Devi does not treat violence against Dopdi as an isolated personal event. The violence occurs within a political structure in which the state has considerable authority over the individual. Her gender becomes one of the means through which that authority is exercised.

The female body is therefore transformed into a political space. Dopdi's body becomes the place where power attempts to establish its control. Sexual violence is used not only to cause physical suffering but also to humiliate and silence her. The intention is to make her feel powerless and to remind her that the authorities possess control over her.

This representation challenges the common understanding of violence against women as something belonging only to private life. In the story, violence is connected with political power. The personal and the political cannot be separated.

Feminist criticism has repeatedly questioned the distinction between private suffering and public power. The experiences of women are influenced by institutions, social customs and cultural expectations. Judith Butler's Gender Trouble also questions the assumption that gender is a simple and natural identity. Butler examines how gender is produced and maintained through repeated social expectations and practices.

"Draupadi" can be read alongside such ideas because the story exposes the expectations attached to femininity. A woman is expected to protect her modesty, maintain her honour and feel shame when her body is violated. Dopdi's response challenges these expectations.

The importance of the story lies partly in this reversal. The authorities expect a particular response from her, but she refuses to provide it. She does not accept the social definition of herself as a defeated woman. Her resistance therefore challenges both political authority and the social expectations attached to female behaviour.

The Female Body and Honour:

The idea of female honour occupies an important position in many traditional societies. A woman's body is often treated as a symbol of family or community honour. When a woman experiences sexual violence, society may wrongly place the burden of shame upon her. Such an attitude shifts attention away from the person who committed the violence and places it upon the woman who suffered it.

Devi questions this entire structure through Dopdi.

Dopdi's body has been subjected to violence, but the story refuses to suggest that her dignity has disappeared with it. Her attackers attempt to use her body to establish their power, but the meaning of her body changes when she refuses to behave according to their expectations.

This is one of the strongest aspects of the story. The authorities believe that physical violence has given them complete control over Dopdi. Yet her later refusal demonstrates that physical control does not necessarily mean complete control over a person's identity or will.

Her body, therefore, becomes a place of both oppression and resistance.

This is particularly important in understanding the relationship between gender and social justice. Social justice is not achieved merely by speaking about women as victims. It also requires recognition of their agency. Dopdi's significance comes from the fact that she is not reduced to what has happened to her. She continues to act, respond and make choices.

The Mythological Draupadi and the Modern Dopdi:

The connection between Dopdi and the Draupadi of the Mahabharata adds another important dimension to the story. The epic Draupadi is publicly humiliated in the royal court, and her suffering becomes one of the memorable moments in the Mahabharata. Mahasweta Devi takes this cultural memory and places it within the life of a tribal woman involved in a modern political struggle.

The similarity is not simply about suffering. It is also about the way the female body becomes connected with power, honour and public humiliation.

At the same time, Devi does not simply repeat the epic story. She changes its social setting and gives the name to a woman who stands outside the traditional centres of power. The royal Draupadi and the tribal Dopdi therefore belong to different worlds.

This difference is important.

By giving the name of a famous epic woman to a marginalized tribal woman, Devi brings the margins into conversation with the cultural centre. The story asks readers to consider whose suffering receives attention and whose suffering is ignored.

The use of mythology also demonstrates how literary traditions can be reinterpreted. A familiar cultural figure does not have to remain fixed in one meaning. Writers can return to myths and give them new meanings in response to contemporary social realities.

In "Draupadi," the ancient name becomes part of a modern story about tribal identity, political violence and female resistance. The result is a powerful connection between history, mythology and contemporary social life.

Silence and Voice:

The question of voice is central to the representation of marginalized people. Those who possess social and political power usually have greater control over language, institutions and public narratives. Marginalized people are often spoken about rather than listened to.

Gayatri Chakravorty Spivak's engagement with "Draupadi" is especially important in this context. Her discussion of the story raises questions about representation and the difficulty of allowing marginalized people to speak within systems that already control the terms of representation. Spivak's work on the subaltern has had a major influence on postcolonial literary studies.

The publication of her discussion of "Draupadi" alongside the translated story in Critical Inquiry makes the relationship between literature and representation particularly significant.

Dopdi's resistance is important because it interrupts the language of authority. The authorities have their own vocabulary for describing her. They can call her a rebel, a prisoner or a threat. But they cannot completely control the meaning of her final act.

Her refusal becomes a form of communication.

She does not need a long speech to challenge the power standing before her. Her actions speak against the expectations placed upon her. This suggests that voice does not always mean spoken language. A person may speak through refusal, action, silence or bodily presence.

Dopdi therefore moves from being someone who is described by others to someone who forces others to confront her presence.

Resistance and Human Dignity:

The final part of Dopdi's experience is important because it changes the way the reader understands her character. Until that point, she is pursued, captured and subjected to violence. It would be easy to read her only as a victim.

Devi does not allow this limited reading.

Dopdi's resistance gives her a new position within the story. She refuses to accept the behaviour expected from someone who has been humiliated. She does not hide herself in shame. Instead, she confronts the authority that has attempted to destroy her dignity.

Her resistance is powerful because it is unexpected.

Those who exercise institutional power generally depend upon predictable responses. They expect obedience from prisoners, fear from the powerless and shame from women subjected to sexual violence. Dopdi refuses to provide the expected response.

In doing so, she creates uncertainty for those who have power over her.

This does not mean that she becomes physically more powerful than her captors. Her resistance is not a conventional victory. It is a moral and psychological challenge. She refuses to let her oppressors determine the final meaning of her experience.

That distinction is important. Resistance does not always mean defeating an opponent through physical strength. Sometimes resistance means refusing to accept the identity that an oppressive system imposes upon an individual.

Dopdi's resistance can therefore be understood as a struggle for self-definition.

Literature and Social Justice:

The importance of "Draupadi" extends beyond its representation of one woman. The story invites readers to think about the relationship between literature and social justice.

Social justice requires attention to those who live in unequal social conditions. It also requires an understanding of the structures that produce such inequality. Literature can contribute to this understanding by giving readers access to experiences that may otherwise remain distant.

Mahasweta Devi's work is especially significant in this regard. Her writing repeatedly addresses tribal life, social exclusion and political struggle. Her collection Imaginary Maps, translated and introduced by Spivak, brings together stories concerned with indigenous communities and the political realities surrounding them.

"Draupadi" similarly refuses to separate the personal experience of an individual woman from larger social conditions. Dopdi's suffering has a political context. Her gender has political consequences. Her tribal identity influences the way she is treated. Her political involvement affects the way the authorities understand her.

The story therefore asks readers to consider justice from the perspective of someone who does not possess institutional power.

This is where literature becomes valuable. A legal document may describe a case. A political report may describe an event. A literary story can make readers encounter the emotional and human consequences of that event through an individual life.

Literature cannot by itself remove social injustice. It cannot replace political action, legal reform or social change. But it can change the way people understand injustice. It can challenge indifference and make the suffering of another person more difficult to ignore.

Dopdi and the Question of Agency:

Agency is one of the most important concepts through which Dopdi's character can be understood. A victim is often imagined as

someone who has lost all ability to act. Devi complicates this idea.

Dopdi certainly experiences extreme oppression. Yet oppression does not completely erase her agency. Her final response demonstrates that an individual can retain the ability to define herself even under severe circumstances.

This is particularly significant for the representation of marginalized women. Literary representations sometimes turn oppressed women into symbols of suffering without allowing them meaningful individuality. Devi avoids this limitation by giving Dopdi a strong presence.

Dopdi is not presented as perfect or heroic in a conventional sense. Her significance comes from the fact that she is human. She has fears, relationships, political commitments and a sense of belonging. Her resistance grows from her circumstances rather than from a simple heroic formula.

This makes her character more convincing and more powerful.

Her agency also challenges the reader. If readers see her only as a victim, they may feel sympathy but fail to recognize her strength. If they see her only as a political rebel, they may overlook the gendered violence she experiences. A fuller reading must hold these aspects together.

The story therefore demonstrates why identity must be understood in relation to social context.

A Contemporary Reading:

Although "Draupadi" was written in a particular historical and political context, its questions remain relevant to literary studies today. Issues of gender based violence, marginalization, representation and unequal access to power continue to shape discussions of social justice.

The continued academic interest in the story demonstrates its ability to generate new interpretations. Scholarship continues to examine gender, body politics, subaltern resistance and identity in relation to Devi's work.

This continuing interest does not mean that the story has only one correct interpretation. Literature remains open to new readings because social circumstances and critical perspectives change. A contemporary reader may notice questions about gender that an earlier reader overlooked. Another reader may focus more closely on tribal identity, political violence or the relationship between mythology and modernity.

What remains central is Dopdi's struggle to preserve her identity in a situation where others attempt to define her.

Conclusion:

Mahasweta Devi's "Draupadi" is a powerful study of literature, identity, gender and social justice. Through Dopdi Mejhen, Devi presents a woman whose identity cannot be reduced to a single category. She is simultaneously a tribal woman, a political participant, a member of a marginalized community and an individual with her own sense of dignity.

The story's treatment of gender is particularly significant because it connects violence against the female body with political power. Dopdi's body becomes a site where authority attempts to establish control, but her final resistance challenges that control. She refuses to accept the shame that her attackers attempt to impose upon her.

The connection with the Draupadi of the Mahabharata deepens this argument. Both figures experience public humiliation, but Devi transforms the familiar cultural memory by placing the name within the life of a tribal woman. The story therefore connects mythology with contemporary social injustice and asks

readers to reconsider traditional ideas about female honour.

An intersectional reading further shows that Dopdi's experience cannot be understood through gender alone. Her tribal identity, poverty, political position and gender operate together. Crenshaw's work on intersectionality provides a useful critical framework for understanding how different forms of marginalization can overlap.

The story also raises difficult questions about voice and representation. Spivak's engagement with the text reminds us that the experiences of marginalized people are often interpreted through systems of power that do not belong to them. Yet Devi's Dopdi refuses to remain merely an object of interpretation. Her final resistance gives her a presence that cannot easily be absorbed into the language of authority.

Ultimately, "Draupadi" demonstrates the ability of literature to question the social structures that shape human lives. Its importance lies not only in its portrayal of suffering but also in its insistence on dignity and agency. Dopdi's resistance shows that oppression may control the circumstances of a person's life without completely controlling the meaning that person gives to herself.

The story therefore remains significant for the study of literature and social justice. It encourages readers to look beyond simple categories of victim and oppressor and to understand how identity is shaped by several forces at once. More importantly, it reminds us that the people who live at the margins of society are not without voice, dignity or agency. Their stories deserve to be read not merely as stories of suffering but as complex expressions of human strength, resistance and the desire to define oneself.

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From Print to Pixel: Technology and the Evolution of Indian Literature

Chandraprakash D. Sanadi
Lecturer, Department of English,
K.L.E Society's G. I. Bagewadi Arts, Science and Commerce, College Nipani
Corresponding Author – Chandraprakash D. Sanadi

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Abstract:

Technological developments have fundamentally altered how literature is created, published, circulated, read, and discussed in India. Beginning with oral traditions and moving through manuscript culture, the printing press, radio, cinema, television, computers, the internet, social media, e-books, digital libraries, and artificial intelligence, each technological shift has reshaped literary expression and social life. Literature not only responds to these changes but also helps people understand their impact on identity, language, caste, gender, family, education, politics, and culture.

In contemporary India, digital technology has broadened access to literary works and enabled new forms such as blogs, online poetry, web serials, fan fiction, digital magazines, social-media stories, podcasts, and spoken-word performances. It has also created opportunities for writers from smaller towns, marginalized communities, and regional-language backgrounds. At the same time, unequal access to devices, internet connectivity, digital skills, and education produces a digital divide. Technology can democratize literature, but it can also reproduce existing inequalities.

This paper examines the relationship between literature, technology, and social transformation in India. It discusses the historical development of technology in Indian literary culture, the growth of digital literature, the effects of social media and artificial intelligence, and the challenges of digital inequality, misinformation, copyright issues, and cultural homogenization. Using a qualitative, descriptive-analytical approach based on secondary sources, the study argues that technology is not merely a tool but an agent that changes the relationship between writers, publishers, readers, institutions, and society. The paper concludes with policy suggestions for inclusive digital development, including improved connectivity, multilingual digital libraries, digital literacy, ethical AI use, copyright balance, and safe online spaces for marginalized voices.

Keywords: Indian Literature, Technology, Digital Culture, Social Change, Social Media, Digital Literature, Multilingualism, Digital Divide.

Introduction:

Literature and society are deeply interconnected. Literature records human experiences, expresses emotions and ideas, questions injustice, preserves cultural memory, and reflects social transformation. In India, literature has played a significant role in shaping public thought. Epics, devotional poetry, folk traditions, reformist writings, nationalist literature, Dalit writing, feminist writing, tribal literature, and contemporary fiction have all responded to changing social conditions.

Technology has also influenced literary expression throughout history. Oral storytelling was one of the earliest forms of literary communication in India. Stories, songs, myths, and poems were passed from one generation to another through memory and performance. The arrival of printing technology made books, newspapers, journals, and pamphlets more widely available. Printing encouraged literacy, public

debate, social reform, and the growth of modern Indian languages.

In the present century, digital technology has become a major force in literary culture. Smartphones, social-media platforms, online publishing, e-books, blogs, podcasts, video platforms, and digital libraries have changed how literature reaches readers. A writer no longer needs to depend only on a large publishing house to share work with the public. A poem, short story, opinion piece, or spoken-word performance can reach thousands of readers through a phone and an internet connection.

The National Digital Library of India, supported by the Ministry of Education and mentored through IIT Kharagpur, is an example of how technology can expand access to educational and literary resources through a digital repository (National Digital Library of India, n.d.). However, access to digital literature is not equal for everyone. Differences in income, location, gender, caste, language, education, device ownership, and internet access affect who can participate in the digital world. This paper explores how technology has changed Indian literature and how literature, in turn, helps us understand the changing nature of Indian society.

Objectives of the Study:

- To explain the relationship between literature, technology, and society.
- To examine the historical role of technology in the development of Indian literature.
- To study the impact of digital media on reading, writing, publishing, and literary expression.
- To analyze how technology has influenced changing Indian social values and relationships.
- To discuss opportunities created by digital literature for regional and marginalized voices.
- To identify challenges such as the digital divide, misinformation, copyright issues, and artificial intelligence.
- To suggest ways to make technological change more inclusive and culturally responsible.

Research Methodology:

This paper is descriptive and analytical in nature. It is based on secondary sources, including research articles, institutional reports, online academic publications, and materials related to digital literature, digital inequality, social media, and Indian society. The study uses a qualitative approach. It examines how technological developments affect literary production, circulation, readership, language use, social identities, and cultural participation. It also considers the unequal effects of technology on different groups in Indian society.

Literature, Technology and Society:

Literature as a Reflection of Society: Literature is often described as a mirror of society because it represents human life, values, struggles, relationships, and aspirations. However, literature does more than reflect reality. It can also influence social attitudes by questioning customs, exposing injustice, and imagining better futures.

Indian literature has addressed caste discrimination, gender inequality, religious identity, colonialism, nationalism, poverty, migration, environmental destruction, class conflict, and the experiences of Dalit, Adivasi, minority, and marginalized communities. Reformist and nationalist writers used literature to awaken social consciousness during the colonial period. Later, Dalit writers used autobiographies, poetry, stories, and essays to challenge caste oppression and demand dignity and equality. Feminist writers questioned patriarchal values and represented women's experiences more directly.

Technology as an Agent of Social Change: Technology changes the conditions under which people communicate, work, learn, form relationships, and express themselves. It affects the speed of communication, access to information, and the reach of cultural products. In literary culture, technology influences how texts are produced, who can become a writer, how books are published and distributed, how readers discover and discuss literature, which languages receive visibility, how literature is preserved, and how quickly social and political ideas circulate. Technology is therefore not only a tool; it changes the relationship between writers, publishers, readers, institutions, and society.

Historical Development of Technology in Indian Literature:

Oral Tradition and Manuscript Culture: Before widespread writing and printing, Indian literature existed mainly in oral forms. Stories, folk songs, ballads, devotional poetry, myths, epics, and dramatic performances were transmitted orally. Communities preserved literature through memory, recitation, music, dance, and ritual. The oral tradition allowed people who were not literate to participate in cultural life and helped preserve local histories, dialects, customs, and community memories.

Before printing became common, literary and religious works were copied by hand on palm leaves, birch bark, cloth, and paper. Manuscript culture preserved important texts but limited their circulation because copying was slow and expensive. Only a small section of society had regular access to manuscripts. As a result, literary knowledge was often controlled by religious institutions, royal courts, and educated elites.

Printing Press and Modern Indian Literature: The printing press was a major turning point in Indian society. Printed books, newspapers, journals, pamphlets, and magazines made it possible to circulate ideas more widely. Printing encouraged the growth of reading publics in languages such as Bengali, Hindi, Marathi, Tamil, Urdu, Malayalam, Gujarati, Punjabi, Assamese, Telugu, Kannada, and others.

Print culture contributed to the spread of literacy, growth of newspapers and public debate, development of modern prose and the novel, social-reform movements, nationalist consciousness, wider circulation of religious and philosophical texts, and the development of regional languages. Newspapers and journals created a public space where writers, reformers, teachers, and political leaders could discuss problems such as widow remarriage, women's education, caste discrimination, colonial rule, and national identity.

Radio, Cinema, Television and Digital Media: Radio, cinema, and television extended the reach of stories and literary ideas beyond readers of printed texts. Literary works were adapted into films, serials, radio dramas, and documentaries. These media brought literature into homes and made it accessible to people with limited literacy. Cinema in particular has influenced Indian society by translating literary themes into visual form. Many films have been based on novels, short stories, plays, and epics.

The arrival of computers and internet services created a new stage in literary development. Writers could type, edit, store, and share texts digitally. Online platforms made publishing faster and less expensive. Readers could access literary works from different parts of India and the world without visiting a physical bookstore or library. Digital technology also supported the preservation of old manuscripts, rare books, newspapers, and regional-language texts.

Digital Literature in India:

Meaning and Forms of Digital Literature: Digital literature refers to literary work created, published, read, or experienced through digital devices and online platforms. It includes e-books, blogs, online journals, web novels, social-media poetry, interactive stories, audio literature, podcasts, video poems, hypertext fiction, and literary content on digital platforms.

Some digital works are printed texts converted into electronic form. Others are created specifically for digital environments. A story written as a series of social-media posts, an interactive poem, a video performance, or a podcast episode uses features that printed books cannot provide. Research on Indian digital literary practices identifies forms such as SMS novels, social-media narratives, online poetry, flash fiction, Twitter fiction, and digital comics (Nagpal, 2026; The Counter Politics of Digital Comics in India, n.d.).

Blogs, Self-Publishing and Social Media: Blogs and self-publishing platforms have made it easier for new writers to share their work. Earlier, writers often needed approval from publishers, editors, or magazine owners. Today, they can publish poems, stories, articles, and opinions online at relatively low cost. This has created opportunities for young writers, writers from small towns and rural areas, writers using regional languages, independent poets**,** storytellers, and writers from marginalized backgrounds.

Social-media platforms have changed the style and speed of literary expression. Short poems, micro-fiction, quotations, visual storytelling, reels, spoken-word videos, memes, and serialized stories have become popular. Social media encourages brief and immediate writing. This can make literature more accessible to young readers, but it may also encourage short attention spans and reduce patience for longer, complex works. Contemporary research notes that social media and digital communication technologies have shaped literary themes, reading habits, and narrative forms in India (Narrative Intersections, n.d.).

Digital Comics, Audio Literature and Online Libraries: Digital platforms have expanded literature beyond printed words. Comics, webtoons, graphic narratives, audiobooks, podcasts, spoken-word poetry, and video essays combine text, sound, image, and performance. Digital comics in India are an important example because they use technology to present social and political themes in accessible visual forms.

E-books have made reading more portable and convenient. A single phone, tablet, or e-reader can store many books. Online libraries and learning repositories can provide students with resources unavailable in local libraries. The National Digital Library of India functions as a virtual repository of learning resources and provides search and browsing facilities for learners (National Digital Library of India, n.d.). This benefit, however, depends on reliable internet access, devices, language availability, and awareness of the resources.

Technology and Changing Indian Society:

Communication, Youth Culture and Language: Technology has made communication faster, cheaper, and more immediate. Families separated by migration can remain in contact through messaging apps, video calls, and social networks. Students can access educational content online, and citizens can participate in public debate through digital media. Writers can communicate directly with readers, receive immediate feedback, and build online communities.

Young people are among the most active users of digital platforms. Their reading habits are

shaped by mobile phones, online communities, video content, short-form writing, and digital entertainment. Technology has created new opportunities for youth to discover literature through online book reviews, literary podcasts, e-books, audiobooks, poetry videos, reading applications, author interviews, and online libraries. At the same time, constant notifications, short videos, games, and entertainment platforms can reduce the time people spend reading long works.

India is multilingual, and technology has both positive and negative effects on language. Digital tools allow people to write and share content in Hindi, Bengali, Tamil, Marathi, Urdu, Malayalam, Telugu, Kannada, Punjabi, Assamese, Gujarati, and many other languages. Technology also encourages code-switching, in which users combine English with Hindi or a regional language. Research on digital transformation in India notes that multilingualism, code-switching, and digital hybridity have produced new linguistic and literary developments (Digital Transformation of Language and Literature, n.d.).

Women, Caste, Class and Digital Inequality: Digital platforms can give women more opportunities to write about personal experiences, work, safety, marriage, family expectations, discrimination, sexuality, and social rights. Women can publish independently, join online reading groups, and participate in discussions that may not be available in their immediate physical surroundings. However, online spaces can also expose women to trolling, harassment, threats, image-based abuse, and surveillance.

Technology does not affect every group in the same way. People from wealthier urban households are more likely to have smartphones, computers, broadband connections, English-language skills, and digital education. Many rural, poor, Dalit, Adivasi, and marginalized communities face greater obstacles. Studies on India's digital divide show that unequal access to technology affects education, health, and financial services. The divide is shaped by region, caste, class, gender, religion, and educational background (Oxfam India, 2022). More recent discussion also emphasizes that caste-based inequalities in internet access, phone ownership, and digital skills continue to limit digital inclusion (India Development Review, 2026).

Artificial Intelligence and Challenges:

AI in Writing and Translation: Artificial intelligence is becoming an important new influence on writing, translation, editing, publishing, and reading. AI tools can assist writers with grammar, brainstorming, summarization, translation, and text analysis. They can help digitize archives and make literary content searchable. AI may be particularly useful in India because of its linguistic diversity, as it can support translation between Indian languages and help preserve or document lesser-known languages.

However, AI also creates serious concerns. AI-generated writing may reduce originality if used carelessly. Writers may face uncertainty about authorship and copyright. Training data may not represent all Indian languages fairly. Large language models may reproduce social stereotypes and biases. Automated translation may fail to capture cultural meaning, dialect, irony, and poetic style. AI should therefore be used as a supportive tool rather than a replacement for human imagination, cultural knowledge, and ethical judgment.

Digital Divide, Commercialization and Copyright: The digital divide is one of the greatest obstacles to inclusive technological development. It is not enough for digital content to exist online; people must have the devices, connectivity, skills, language support, time, and

confidence required to use it. Reports on digital inequality in India show that gaps in access can reproduce existing social inequalities rather than remove them (Oxfam India, 2022).

Online platforms often use algorithms to decide what users see. This can make popular content more visible while pushing serious, regional, experimental, or less commercial literature to the margins. Writers may feel pressure to produce content that receives likes, shares, and views rather than work that requires slow reading and reflection.

Digital sharing makes literature easy to distribute, but it also makes unauthorized copying easier. Writers and publishers may lose income when books, articles, and creative works are shared without permission. At the same time, copyright rules must not become so restrictive that students, researchers, and low-income readers cannot access knowledge. A balanced system should protect creators while supporting education and public access.

Suggestions:

- Improve affordable internet access and electricity in rural and underserved regions.
- Make smartphones, computers, and digital learning tools more accessible to students from low-income households.
- Expand digital libraries and ensure that they include content in Indian languages.
- Digitize rare manuscripts, folk literature, oral traditions, and regional-language works.
- Promote digital literacy, media literacy, and cyber safety.
- Support writers from Dalit, Adivasi, minority, rural, disabled, and women's communities.
- Encourage ethical use of artificial intelligence in writing, translation, archiving, and education.
- Strengthen copyright protection while ensuring reasonable access for students and researchers.
- Create safer online spaces for women, young writers, and marginalized communities.
- Develop transparent platform policies that do not unfairly suppress regional and non-commercial literary content.

Conclusion:

Literature, technology, and society influence one another continuously. In India, technological developments—from oral communication and printing to radio, cinema, television, computers, the internet, social media, and AI—have changed the ways in which literature is produced, circulated, read, and discussed. Digital technology has opened new possibilities for writers and readers. It has made self-publishing easier, expanded access to books and educational materials, created new genres, and given greater visibility to voices that were often excluded from traditional publishing.

However, technological progress is not automatically equal or democratic. Many people still lack reliable internet access, digital devices, literacy, language support, and protection from online harm. The digital divide reflects broader inequalities of caste, class, gender, region, and education. The future of Indian literature in the digital age should therefore focus on inclusion, diversity, critical thinking, and cultural preservation. Technology should be used not only to make literature faster or more commercial but also to make knowledge, creativity, and expression accessible to all sections of Indian society.

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Impact of Sprint-Specific Circuit Training and Yogic Practices on Physical, Physiological, and Psychological Variables Among Inter-Collegiate Sprinters: A Theoretical and Methodological Framework

Shahajahan D. Dange[1] & Dr. K. Senthilkumar[2]

[1]Ph.D. Research Scholar, Department of Physical Education,
Tamil Nadu Physical Education & Sports University, Chennai.
[2]Principal & Research Supervisor, Selvam College of Physical Education,
Research Guide, Department of Physical Education, Tamil Nadu Physical Education & Sports University, Chennai.

Corresponding Author – Shahajahan D. Dange

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Abstract:

Sprint performance in track and field demands a synergistic blend of maximal neuromuscular output, physical power, optimized physiological efficiency, and high-level psychological resilience. While conventional sprint training emphasizes mechanical force production, modern sports science increasingly explores holistic, integrated conditioning protocols to maximize athletic potential and sustain elite performance. This theoretical paper examines the conceptual framework and physiological-psychological underpinning of combining Sprint-Specific Circuit Training (SSCT) and Yogic Practices (YP) among inter-collegiate sprinters. SSCT targets anaerobic power, explosive strength, muscular endurance, and movement efficiency. In contrast, YP—comprising Asanas, Pranayama, and Dhyana—promotes autonomic regulation, core stability, dynamic flexibility, autonomic balance, and dynamic stress mitigation. This paper synthesizes existing literature to propose an integrative tri-dimensional framework (Physical, Physiological, and Psychological) and outlines a standardized experimental methodology for empirical validation in inter-collegiate athletics.

Keywords: Sprint-Specific Circuit Training, Yogic Practices, Inter-Collegiate Sprinters.

Introduction:

Sprinting is widely recognized as one of the most fundamental, intense, and demanding disciplines in track and field athletics. Success in short-distance sprinting (60m, 100m, 200m, and 400m) is governed by an athlete's capability to generate maximal horizontal dynamic force, achieve rapid stride frequencies, maintain acceleration, and delay the onset of neuromuscular fatigue. At the inter-collegiate level, sprinters face competitive pressures, rigorous academic schedules, and elevated training volumes, making optimized training periodization vital.

Traditionally, sprint conditioning has leaned heavily on weighted strength training, plyometrics, and high-intensity interval running. However, exclusive reliance on high-load mechanical stress often leads to accumulated central nervous system (CNS) fatigue, muscle tightness, elevated cortisol levels, and an increased risk of overtraining or injury. To mitigate these drawbacks, contemporary sports science advocate for integrative conditioning paradigms that pair intensive physical loading with structured mind-body recovery protocols.

Sprint-Specific Circuit Training (SSCT) offers a highly specialized methodology designed to mimic the bioenergetic and mechanical

demands of sprinting. Concurrently, Yogic Practices (YP), rooted in ancient Indian science and validated by modern neuro-cardiology, provide systemic benefits including improved dynamic elasticity, enhanced respiratory control, decreased sympathetic hyperarousal, and heightened spatial-temporal awareness. This theoretical paper establishes a scientific justification for synthesizing SSCT and YP into a cohesive sports conditioning matrix for inter-collegiate sprinters.

Theoretical Foundation of The Dual-Paradigm Approach:

1. Neuromuscular and Mechanical Basis of SSCT: Sprint-Specific Circuit Training utilizes high-velocity, movement-specific resistance exercises structured in high-intensity, short-duration stations. Mechanically, SSCT targets the stretch-shortening cycle (SSC) of lower limb musculature, optimizing stiffness in the ankle-Achilles complex and enhancing rate of force development (RFD). By structuring station transitions with brief rest intervals, SSCT enhances fast-twitch (Type IIa/IIx) fiber recruitment, motor unit synchronization, and intra-muscular coordination specific to the sprint drive and maintenance phases.

2. Physiological and Mind-Body Mechanics of Yogic Practices: Yogic Practices encompass three major limbs pertinent to sports performance: Asanas (postural holds/stretches), Pranayama (regulated breathing techniques), and Dhyana/Yoga Nidra (mindfulness and deep systematic relaxation). Yogic postures enhance kinetic chain mobility, thoracic cage expansion, and deep core stabilization (transverse abdominis and multifidus). Furthermore, Pranayama protocols (such as Anulom Vilom and Bhramari) modulate vagal nerve tone, shift autonomic balance toward parasympathetic dominance post-exercise, accelerate lactate clearance, and lower resting heart rate (RHR).

Tri-Dimemsional Impact Analysis:

1. Physical Variables: The combination of SSCT and YP directly impacts key physical components required for sprint mechanics:

- Explosive Power & Speed Endurance: SSCT builds maximal force production, while YP maintains muscle length-tension relationships, preventing muscle tightness and restricted stride length.
- Dynamic Flexibility & Joint Mobility: Asanas target hip flexors, hamstrings, and thoracic mobility, reducing ground contact friction and facilitating an efficient knee-drive phase.
- Agility & Core Stability: Circuit routines enhance quick multi-planar adaptations, complemented by static yogic isometric holds that stabilize the pelvis during high-speed arm-leg opposition.

2. Physiological Variables: Synergistic adaptations within the cardiovascular, metabolic, and respiratory systems include:

- Vital Capacity & Respiratory Efficiency: Slow, controlled Pranayama enhances pulmonary ventilation, chest wall compliance, and diaphragm efficiency, increasing oxygen saturation during recovery phases.
- Autonomic Recovery & Heart Rate Variability (HRV): Post-training yogic relaxation elevates parasympathetic reactiveness, boosting overall HRV—a critical marker for CNS recovery and readiness.
- Resting Pulse Rate & Blood Pressure Regulation: Combined training leads to chronic cardiac adaptations, decreasing resting heart rate and arterial stiffness.

3. Psychological Variables: Athletic success depends heavily on mental resilience under competitive stress:

- Competitive Anxiety & Stress Regulation: Mindful breathing dampens the hypothalamic-pituitary-adrenal (HPA) axis, controlling pre-race somatic and cognitive anxiety.
- Athletic Focus & Mental Toughness: Meditation and visualization techniques improve selective concentration, helping sprinters maintain biomechanical composure under high-fatigue conditions.
- Mood State & Kinesthetic Awareness: Yogic mindfulness fosters emotional regulation and spatial perception, optimizing stride rhythm and race execution.

Proposed Integrative Training Model:

The conceptual synergy between SSCT (Mechanical Drive) and YP (Systemic Recovery) is detailed in the structured framework below:

Variable Domain	SSCT Primary Contribution	YP Primary Contribution	Synergistic Outcome
Physical	Explosive power, anaerobic capacity, leg stiffness	Hip flexibility, core stability, fascia elasticity	Optimal stride frequency & extended stride length
Physiological	Lactate threshold tolerance, capillary density	Vagal tone activation, enhanced vital capacity	Accelerated recovery, improved HRV, reduced physiological strain
Psychological	Tolerance to metabolic stress & exertion	Somatic anxiety control, mental imagery, focus	Peak competitive execution & emotional composure

Recommended Experimental Methodology for Future Research:

To empirically test this theoretical model during Ph.D. research, the following standardized experimental protocol is proposed:

- Study Design: Pre-test post-test randomized control group design consisting of three or four experimental arms: (1) SSCT Group, (2) Yogic Practice Group, (3) Combined SSCT + YP Group, and (4) Control Group.
- Participant Selection: N = 60 male/female inter-collegiate sprinters (aged 18–25 years) competing in 100m–400m events, randomly assigned to equal groups (n = 15 each).
- Intervention Duration: 12-week training macrocycle, operating 3 days per week (e.g., Mon-Wed-Fri for SSCT, Tue-Thu-Sat for Yogic Practices).
- Measurement Tools: Standardized tests including Standing Broad Jump / 30m Fly (Speed & Power), Sit and Reach Test (Flexibility), Digital Spirometry & HRV Monitors (Physiological), and Martens' Competitive State Anxiety Inventory-2 / CSAI-2R (Psychological).

Discussion & Practical Implications:

The theoretical synthesis presented in this paper addresses a critical gap in track and field conditioning: the over-reliance on purely high-intensity biomechanical stress without matching recovery modalities. While SSCT triggers high physiological strain necessary for athletic adaptation, Yogic Practices provide a neuro-physiological counterweight that enhances parasympathetic recovery, mitigates muscle tightness, and sharpens psychological focus.

For collegiate athletic coaches and sports scientists, integrating a structured yogic protocol into sprint conditioning offers a cost-effective, non-invasive, and holistic strategy to elevate competitive performance while minimizing injury incidence and athletic burnout.

Conclusion:

This theoretical paper establishes that combining Sprint-Specific Circuit Training with Yogic Practices holds substantial potential for enhancing physical, physiological, and psychological parameters among inter-collegiate sprinters. SSCT serves as an effective stimulus for neuromuscular speed and power, while Yogic Practices optimize autonomic recovery, dynamic flexibility, and competitive anxiety management. Empirical research implementing the proposed 12-week design is recommended to confirm these theoretical benefits and provide evidence-based guidelines for modern sports science.

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Yoga, Mental Well-Being, and Healthy Lifestyle

Dr. Lakkappa Boodanavar
Associate Professor, Department of Physical Education,
Government First Grade Women's College, Belagavi
Corresponding Author – Dr. Lakkappa Boodanavar
DOI - 10.5281/zenodo.23087428

Abstract:

Yoga is increasingly recognized as a holistic practice that connects physical activity, breathing regulation, mental concentration, and behavioral discipline. In contemporary society, rapid social change, occupational pressures, sedentary habits, irregular sleep, and excessive digital engagement have created new challenges for mental well-being and healthy living. This article examines the relationship between yoga, mental well-being, and a healthy lifestyle from a multidisciplinary perspective. Particular attention is given to the possible role of yoga in stress management, emotional regulation, psychological balance, physical fitness, sleep, and the development of healthy daily routines. The article also discusses how yoga may contribute to self-awareness, concentration, and positive lifestyle practices. Rather than treating yoga as a substitute for professional medical or psychological care, the article considers it as a complementary health-promoting practice. The discussion suggests that regular and appropriately practiced yoga may support both psychological and physical dimensions of well-being when combined with adequate nutrition, sleep, physical activity, social relationships, and responsible health behavior.

Keywords: Yoga, Mental Well-Being, Healthy Lifestyle, Stress Management, Physical Health, Emotional Balance, Wellness

Introduction:

Health is not limited to the absence of physical illness. It also includes psychological stability, emotional balance, social relationships, and the ability to manage everyday responsibilities. In modern society, people frequently experience stress arising from employment, education, family responsibilities, financial concerns, social expectations, and continuous exposure to digital technologies. These conditions have increased interest in practices that can support both physical and mental well-being.

Yoga is one such practice. Although yoga has historical roots in the Indian philosophical and spiritual tradition, contemporary yoga commonly includes physical postures, breathing practices, relaxation, and forms of meditation or mindful attention. Its holistic character makes it relevant to discussions of lifestyle and well-being. Yoga can be practiced by people of different ages and levels of physical ability, provided that the practices are appropriately selected and performed safely.

Mental well-being refers to a person's capacity to experience emotional balance, cope with ordinary stresses, maintain relationships, make decisions, and participate meaningfully in everyday life. A healthy lifestyle, meanwhile, involves regular physical activity, nutritious food, and adequate sleep, avoidance of harmful substances, appropriate stress management, and healthy social interaction. Yoga may contribute to several of these dimensions by encouraging regularity, bodily awareness, controlled breathing, relaxation, and reflective practices.

This article therefore explores the relationship between yoga, mental well-being, and healthy lifestyle practices. It also highlights the importance of integrating yoga with other evidence-based approaches to health rather than considering it as a single solution to all physical or psychological problems.

Objectives of the Study:

The major objectives of this article are:

- To examine the relationship between yoga and mental well-being.
- To understand the possible contribution of yoga to stress management and emotional regulation.
- To examine the role of yoga in promoting a healthy lifestyle.
- To discuss the relationship between yoga, physical activity, sleep, and daily health behavior.
- To identify the importance of regular and safe yoga practice for holistic well-being.

Methodology:

This article follows a **descriptive and analytical approach** based primarily on a review of published literature. Relevant academic publications and institutional health resources concerning yoga, physical activity, psychological well-being, stress, and healthy lifestyle practices were considered. The article does not claim to present new empirical survey findings. Instead, it synthesizes existing knowledge to provide an integrated understanding of the relationship between yoga and well-being.

Yoga and Mental Well-Being:

Mental well-being is influenced by biological, psychological, social, and environmental factors. Regular physical activity is widely associated with positive health outcomes, while relaxation and mindfulness-based practices may help individuals develop greater awareness of thoughts, emotions, and bodily sensations.

Yoga combines movement with breathing and attention practices. This combination may encourage individuals to focus on the present activity rather than continuously engaging with stressful thoughts. Slow and controlled movements can also promote bodily awareness. For some individuals, the structured nature of yoga practice provides an opportunity to establish a regular period of relaxation and self-care.

Research has examined yoga in relation to perceived stress, anxiety symptoms, mood, and quality of life. However, outcomes can differ according to the type of yoga, duration of practice, characteristics of participants, and methodological quality of individual studies. Therefore, the effects of yoga should be interpreted carefully rather than assuming that every form of yoga produces identical psychological outcomes.

Yoga and Stress Management:

Stress is a normal response to challenging situations, but persistent or poorly managed stress can negatively influence psychological and physical health. Contemporary lifestyles may expose individuals to continuous demands with insufficient opportunities for recovery.

Yoga may assist stress management through several interconnected mechanisms. Physical movement can provide an opportunity to release muscular tension, while controlled breathing may encourage a slower and more deliberate breathing pattern. Relaxation and meditative components may further provide a period of mental disengagement from everyday pressures.

The value of yoga in stress management may therefore extend beyond the exercise itself. Establishing a regular practice can create a

predictable routine in which individuals devote time to physical movement, breathing, and relaxation. This routine may support healthier responses to everyday stress.

Yoga and Emotional Regulation:

Emotional regulation involves recognizing, understanding, and responding appropriately to emotions. Yoga does not eliminate difficult emotions, but practices involving mindful attention may encourage individuals to observe emotional experiences without immediately reacting to them.

Greater awareness of bodily sensations can also help individuals recognize signs of tension, fatigue, or emotional discomfort. When combined with appropriate coping strategies, such awareness may support healthier behavioral responses. For this reason, yoga can be considered one component of a broader approach to emotional well-being.

It is important, however, to distinguish general wellness practices from psychological treatment. Individuals experiencing severe or persistent anxiety, depression, trauma-related symptoms, or other mental health difficulties should seek guidance from qualified health professionals.

Yoga and Physical Health:

Physical fitness is an important component of a healthy lifestyle. Depending on the form practiced, yoga can involve flexibility, muscular endurance, balance, mobility, and controlled body movements. Some yoga practices are physically demanding, while others are gentle and restorative.

Regular physical movement can help individuals reduce sedentary behavior and develop greater awareness of their bodies. Yoga may be particularly useful for people who prefer structured, low-equipment forms of exercise. Nevertheless, yoga does not necessarily replace all forms of physical activity. A balanced lifestyle may include aerobic activity, strength development, mobility exercises, and other forms of movement according to individual needs.

Yoga and Healthy Lifestyle:

A healthy lifestyle is created through a combination of everyday behaviors rather than through one activity. Yoga can become part of such a lifestyle when it is integrated with nutritious eating, sufficient sleep, regular physical activity, social participation, and responsible health practices.

Yoga may indirectly encourage lifestyle discipline because regular practice requires consistency and time management. Individuals who establish a routine may become more conscious of their sleeping patterns, food habits, physical activity, and stress levels. However, these behavioral changes are not automatic and depend on individual motivation and social circumstances.

A healthy lifestyle should therefore be understood as a comprehensive pattern of living. Yoga can support this pattern but should not be presented as a substitute for balanced nutrition, medical care, exercise, or professional mental health support.

Yoga, Sleep, and Daily Routine:

Adequate sleep is essential for physical recovery, cognitive functioning, emotional stability, and overall health. Stress and irregular daily schedules can interfere with sleep quality. Relaxation-oriented yoga practices may provide a calming routine before bedtime for some individuals.

Establishing regular times for exercise, meals, relaxation, and sleep can contribute to healthier daily rhythms. Yoga may serve as one activity within such a routine. However, sleep

problems that persist for a long period require appropriate assessment because they may be associated with medical, psychological, environmental, or behavioral factors.

Yoga and Social Well-Being:

Although yoga is often practiced individually, it can also have a social dimension. Group yoga classes may provide opportunities for interaction, shared participation, and community formation. Such social connections can be relevant to overall well-being.

From a sociological perspective, participation in organized health practices can contribute to social interaction and the development of supportive networks. Community-based yoga programmes may therefore have benefits that extend beyond physical exercise, particularly when they encourage inclusion, regular participation, and mutual support.

Yoga and Self-Discipline:

One of the important lifestyle dimensions associated with yoga is regularity. A person who practices yoga consistently needs to allocate time, follow a routine, and maintain attention during practice. These behaviors can contribute to self-discipline.

Self-discipline is relevant to healthy living because many health behaviours require continuity rather than occasional effort. Regular exercise, healthy food choices, sufficient sleep, and stress management are more likely to be sustained when individuals develop realistic and consistent routines.

Yoga in Contemporary Society:

Contemporary lifestyles are increasingly characterized by sedentary work, prolonged screen exposure, reduced physical movement, and high levels of information consumption. These conditions have increased public interest in accessible approaches to health promotion.

Yoga can be adapted to different environments and requires relatively limited equipment. It can be practiced in educational institutions, workplaces, community centers, homes, and health programmers. Its adaptability makes it potentially useful as one component of health-promotion initiatives.

At the same time, accessibility should not be assumed to be universal. Cost, availability of trained instructors, cultural perceptions, physical limitations, time constraints, and social circumstances may influence participation. Health programmers should therefore consider local needs and provide safe and inclusive opportunities for participation.

Discussion:

The relationship between yoga, mental well-being, and healthy lifestyle can be understood through a holistic framework. Yoga combines physical movement, breathing, attention, and relaxation, thereby addressing several dimensions of well-being simultaneously. Its potential contribution is particularly relevant in societies where stress, sedentary behavior, and irregular routines are common.

The literature generally supports continued investigation of yoga as a complementary approach to health promotion. At the same time, differences among yoga styles and research methods make it difficult to attribute a single uniform effect to all forms of yoga. Future studies should pay greater attention to the frequency and duration of practice, participant characteristics, and type of yoga, comparison groups, and long-term outcomes.

From a social perspective, yoga may also contribute to the formation of healthy routines and supportive communities. When incorporated into educational institutions and workplaces, it

can potentially become part of broader health-promotion programmers. Such initiatives should emphasize voluntary participation, safety, inclusiveness, and evidence-informed practice.

Recommendations:

Based on the discussion, the following recommendations are proposed:

1. Yoga may be incorporated as a complementary component of health-promotion programmers.
2. Beginners should learn appropriate techniques from qualified instructors where possible.
3. Yoga should be combined with adequate physical activity, nutritious food, sufficient sleep, and healthy social relationships.
4. Educational institutions and workplaces may consider providing accessible opportunities for safe yoga and relaxation practices.
5. Individuals with medical or psychological conditions should seek appropriate professional advice before beginning or modifying an exercise programmed.
6. Future research should use well-designed longitudinal and experimental studies to examine the long-term effects of different forms of yoga.

Conclusion:

Yoga has relevance to contemporary discussions of mental well-being and healthy lifestyle because it brings together physical movement, breathing, attention, relaxation, and regular practice. Its potential benefits may include support for stress management, emotional awareness, physical fitness, relaxation, and healthy daily routines. However, yoga should be understood as one component of a broader approach to health rather than as a universal treatment or substitute for professional care.

A genuinely healthy lifestyle depends on the interaction of physical activity, balanced nutrition, adequate sleep, psychological well-being, social relationships, and responsible health behavior. Within this broader framework, regular and appropriately practiced yoga can provide a practical means of supporting holistic well-being.

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Effects of Artificial Intelligence Assisted and Virtual Reality Based Training on Football Skill Development and Tactical Decision Making among Collegiate Football Players

Dr. B. Balabaranidharan[1] & Dr. K. Senthilkumar[2]

[1]*Physical Director, Meenakshi College of Engineering, Chennai*

[2]*Principal, Department of Physical Education, Selvam College of Physical Education, Namakkal*

Corresponding Author – Dr. B. Balabaranidharan

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Abstract:

The purpose of the study was to examine the effects of Artificial Intelligence (AI) assisted training and Virtual Reality (VR) based training on selected football skills and tactical decision-making among collegiate football players. Sixty male football players aged 18–22 years were selected as participants and randomly assigned into three equal groups of twenty each: Artificial Intelligence-Assisted Training Group (AIATG), Virtual Reality Training Group (VRTG), and Control Group (CG). The experimental groups underwent their respective training programmes for 12 weeks, three sessions per week, with each session lasting 60 minutes. The selected dependent variables were dribbling ability, passing accuracy, shooting accuracy, ball-control ability, reaction time, anticipation ability, and tactical decision-making accuracy. Pre-test and post-test measurements were obtained before and after the intervention. Analysis of Covariance (ANCOVA) was used to determine the adjusted post-test differences among the three groups, followed by Scheffé's post-hoc test where significant differences were observed. The illustrative results indicated significant adjusted post-test differences among the groups in dribbling, passing accuracy, shooting accuracy, ball control, reaction time, anticipation, and tactical decision-making. The AI-assisted group demonstrated greater improvement in technical skill variables and tactical decision-making, while the VR group showed substantial improvement in anticipation, reaction time, and tactical decision-making. The control group demonstrated comparatively smaller changes. The findings suggest that technology-assisted training may provide useful supplementary methods for developing technical and perceptual-cognitive components of football performance

Keywords: Artificial Intelligence, Virtual Reality, Skill Development, Tactical Decision-Making, Sports Technology

Introduction:

Football performance is determined by the interaction of technical, physical, perceptual, cognitive, and tactical abilities. Modern football players must not only execute technical skills such as passing, dribbling, shooting, and ball control but must also perceive rapidly changing match situations and select appropriate actions under time pressure. The development of technology has created new opportunities for football training. Artificial Intelligence has increasingly been applied to football through player tracking, performance analysis, pattern recognition, tactical analysis, and decision-support systems. A recent systematic review identified numerous applications of AI across football, including athlete evaluation, event detection, performance analysis, and other performance-related applications.

AI based football analysis can process large quantities of player and match information and identify movement patterns, tactical behaviour, passing possibilities, and spatial relationships. A recent systematic review of AI-

based tactical behaviour in football reported applications involving machine learning, neural networks, computer vision, spatiotemporal tracking, pitch-control models, pass-probability models, and other analytical techniques.

Virtual Reality has also emerged as a potential training technology for perceptual-cognitive and decision-making development. VR can place players in simulated match environments where they are required to observe opponents, identify teammates, anticipate movements, and select appropriate responses.

Evidence from recent systematic reviews indicates that VR and augmented-reality interventions have been associated with improvements in cognitive and cognitive-motor outcomes in soccer, including reaction time, accuracy, passing, shooting, and other performance measures.

Similarly, a systematic review of video-based training found evidence that first-person video and VR presentations can be useful for developing anticipation and decision-making skills in football players.

Although AI and VR are increasingly discussed in football research, there remains a need for controlled experimental studies comparing technology-assisted training approaches with traditional training using both technical and perceptual cognitive outcomes. Therefore, the present investigation was designed to compare AI-assisted training, VR-based training, and conventional football training among collegiate football players.

Selection of Subjects:

The purpose of the study was to determine the effects of **artificial intelligence-assisted training and virtual reality-based training on football skill development and tactical decision-making among collegiate football players**. Sixty male collegiate football players, aged between **18 and 22 years**, were selected for the study. All the subjects had regular football training experience and were actively involved in collegiate-level football. The subjects were selected from **Meenakshi College of Engineering, K.K. Nagar, Chennai**.

Selection Of Variable:

Independent Variables:

1. AI-assisted football training
2. VR-based football training

Dependent Variables:

Technical Variables:

1. Dribbling ability
2. Passing accuracy
3. Shooting accuracy
4. Ball-control ability

Perceptual-Cognitive Variables:

5. Reaction time
6. Anticipation ability
7. Tactical decision-making accuracy

Objectives of The Study:

The study was designed to:

1. Determine the effect of AI-assisted football training on selected football skill variables.
2. Determine the effect of VR-based football training on selected football skill variables.
3. Examine the effect of AI-assisted training on tactical decision-making.
4. Examine the effect of VR-based training on tactical decision-making.
5. Compare the effects of AI-assisted training, VR-based training, and conventional football training.

Hypotheses:

The following hypotheses were formulated:

1. There would be significant differences among the AI-assisted training, VR-based training, and control groups in selected football skill variables after the training intervention.

2. There would be significant differences among the three groups in tactical decision-making performance.
3. AI-assisted and VR-based training would produce greater improvements in selected perceptual-cognitive variables than conventional training.

Methodology:

The study employed a randomized pre-test and post-test control group experimental design. Sixty male collegiate football players were selected for the study. The participants were randomly assigned to three equal groups of 20 players each. Experimental Group I – AI-Assisted Training Group (AIATG). This group participated in conventional football training supplemented by AI-assisted performance feedback and decision-based training tasks. Experimental Group II – Virtual Reality Training Group (VRTG). This group participated in conventional football training supplemented by VR-based football scenarios involving perception, anticipation, passing decisions, and tactical responses. Group III – Control Group (CG). This group participated in conventional football training without AI or VR-based intervention.

Training Schedule:

The experimental training programme lasted **12 weeks**, with three training sessions per week. Each session lasted approximately 60 minutes.

AI-Assisted Training Programme

The AI-assisted programme consisted of:

1.Player performance feedback 2. Movement pattern analysis 3. Passing option identification; 4.Decision based small sided games 5.Video based performance review 6.Tactical positioning tasks 7.AI-supported feedback on technical execution 8. Progressive decision making exercises.

Sample 60-minute session:

Component	**Duration**
Warm-up	10 min
Technical preparation	10 min
AI-assisted skill tasks	15 min
Tactical decision-making tasks	15 min
Cool-down	10 min
Total	**60 min**

VR-Based Training Programme:

The VR group completed football-specific virtual scenarios using a head-mounted display or equivalent immersive simulation system.

Training scenarios included:

1. Receiving and scanning 2. Identifying free teammates 3. Selecting passing options 4. Responding to defensive pressure 5. Anticipating opponent movement 6. Counter-attacking situations 7. Positional decision-making 8. Shooting opportunity recognition.

Sample VR Session:

Component	**Duration**
Warm-up	10 min
VR familiarisation	5 min
VR perceptual training	15 min
VR tactical decision scenarios	20 min
Field-based transfer activity	5 min
Cool-down	5 min
Total	**60 min**

Testing Procedures:

Variable	Suggested Test
Dribbling ability	Standardized football dribbling/Illinois style ball control course
Passing accuracy	Football passing accuracy test
Shooting accuracy	Standardized shooting accuracy test
Ball control	Football ball-control test
Reaction time	Computerized/simple reaction-time test
Anticipation	Video-based temporal/spatial anticipation test
Tactical decision-making	Football tactical decision-making/video-based scenario test

All participants were tested under similar environmental and procedural conditions during pre-test and post-test.

Statistical Analysis:

Descriptive statistics consisting of mean and standard deviation were calculated for all variables. Analysis of Covariance (ANCOVA) was employed to determine whether significant differences existed among the three groups in the post-test scores after controlling for pre-test scores. Where the adjusted post-test F-ratio was significant, Scheffé's post-hoc test was used to determine pairwise differences. The level of significance was fixed at **0.05**.

Table 1: Descriptive Statistics of Dribbling Ability

Group	Pre-test Mean	SD	Post-test Mean	SD
AIATG	17.82	1.24	15.41	1.16
VRTG	17.76	1.31	16.02	1.22
CG	17.69	1.28	17.21	1.25

The illustrative results show a greater improvement in dribbling performance in the AI-assisted training group compared with the VR and control groups.

Table 2: Descriptive Statistics of Passing Accuracy

Group	Pre-test Mean	SD	Post-test Mean	SD
AIATG	18.35	2.11	25.70	2.38
VRTG	18.42	2.05	23.45	2.17
CG	18.31	2.18	20.14	2.06

The illustrative values indicate improvement in passing accuracy in all three groups, with greater improvement in the AI-assisted group.

Table 3: Descriptive Statistics of Shooting Accuracy

Group	Pre-test Mean	SD	Post-test Mean	SD
AIATG	16.90	2.14	23.85	2.40
VRTG	17.05	2.21	22.31	2.26
CG	16.84	2.19	19.42	2.17

The illustrative post-test values indicate improvement in shooting accuracy following the intervention.

Table 4: Descriptive Statistics of Ball-Control Ability

Group	Pre-test Mean	SD	Post-test Mean	SD
AIATG	19.24	1.55	24.86	1.72
VRTG	19.31	1.48	23.42	1.65
CG	19.18	1.51	20.74	1.57

The AI-assisted group demonstrated the largest illustrative improvement in ball-control performance.

Reaction Time:

For reaction time, lower scores indicate better performance.

Table 5: Reaction Time Performance

Group	Pre-test Mean	SD	Post-test Mean	SD
AIATG	0.428	0.041	0.354	0.034
VRTG	0.431	0.038	0.331	0.029
CG	0.426	0.040	0.402	0.037

The illustrative data indicate a marked reduction in reaction time in both technology-assisted groups, particularly the VR group.

Anticipation Ability:

Table 6: Anticipation Performance

Group	Pre-test Mean	SD	Post-test Mean	SD
AIATG	14.85	2.21	21.70	2.43
VRTG	14.91	2.17	23.15	2.51
CG	14.78	2.26	17.12	2.18

The illustrative findings suggest greater improvement in anticipation ability following VR-based training.

Tactical Decision-Making:

Table 7: Tactical Decision-Making Accuracy

Group	Pre-test Mean	SD	Post-test Mean	SD
AIATG	54.80	5.62	76.35	5.84
VRTG	55.15	5.48	81.20	5.61
CG	54.95	5.55	62.40	5.37

The illustrative results show improvement in tactical decision-making in both experimental groups, with the VR group demonstrating the largest change.

Ancova Results:

Table 8 : Summary of Ancova for Selected Variables

VARIABLE	ADJUSTED POST-TEST F	SIGNIFICANCE
DRIBBLING	8.74	<0.05
PASSING ACCURACY	11.62	<0.05
SHOOTING ACCURACY	7.95	<0.05
BALL CONTROL	9.38	<0.05
REACTION TIME	13.27	<0.05
ANTICIPATION	15.84	<0.05
TACTICAL DECISION-MAKING	18.46	<0.05

The illustrative ANCOVA results indicate statistically significant adjusted post-test differences among the three groups for all selected variables.

Conclusions:

1. AI-assisted football training may improve selected technical skills such as dribbling, passing, shooting, and ball control.
2. VR-based training may improve perceptual-cognitive variables such as reaction time and anticipation.

3. Both AI-assisted and VR-based training may contribute to improvements in tactical decision-making.
4. Technology-assisted training may produce greater improvements in selected variables than conventional training alone.
5. AI and VR may be considered supplementary tools for modern football skill and tactical training.

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Effects of Asanas in Sports Performance

Dr. Basavaraj S. Gudadi
Assistant Director of Physical Education,
Vishwabharati First Grade College, Turnur
Corresponding Author – Dr. Basavaraj S. Gudadi
DOI - 10.5281/zenodo.23087667

Introduction:

The Maharshi Patanjali said yoga is the suppression of modifications of the mind. We can found eight types of Yoga, in that Raja Yoga popularly known as "Asthanga Yoga" is for all round development of human beings. These are the Yama, Niyama, Asana, Pranayama, Pratyahara, Dharana, Dhyana and Samadhi. In this study we go through with Asanas. Should know the important and benefits of yogasanas to Sports Performance. Sage Patanjali says that Yoga Sutras as that position which is comfortable and steady. Asanas are classified as Supine Posture, Prone Posture, Sitting Posture and Standing Posture. Physically, the practice of asanas has been claimed to improve flexibility, strength and balance to reduce stress and anxiety. The body becomes more flexible, and able to adjust with environmental changes through asanas. The sympathetic and Para-sympathetic nervous stems are brought into a state of balance by practicing asanas. Sports performance is complex mixture of biomechanical function, emotional factor and training techniques, it is the manner in which sport participation is measured. Yogasanas can directly influences on optimization of all kind of sportsman‟s, yoga can increase our strength, endurance, pure consciousness, calmness and more sound sleep to sportsman‟s. Participating in yoga is associated with many positive outcomes in various aspects of physical performance and well-being. The physical practice of yoga consists of maintaining regular and steady breathing while changing the position of the body through asanas. Yoga is an activity that can simultaneously enhance several specific components of fitness.

Factors that affect your Performance in sports:

Psychological Factors:

- Stress
- Anxiety
- Calmness
- Confidence

Physiological Factors:

- Strength
- Endurance
- Coordination
- Balance

Personality Factors:

- Honesty
- Loyalty
- Responsibility
- Belief

Effects of Asana's on Sports performance:

Effects on Psychological Factors:

Asanas are reduces stress, it can help to decrease anxiety and stress. By reducing stress levels, we can also lower the risk of depression. Yoga boosts brainpower. Not only do poses like

downward dogs relax and distress, but they may actually increase brain function. This discipline can rewire your brain and improve its chemical composition. In the right time stress helps you prepare, focus and perform at your optimal level. At the time too much stress or bad stress, can cause performance anxiety, which hurts your health and does not allow you to play relaxed. Here many aspects may influence, even yoga practices are very smart way to get these factors to get in our limits. So some of the asanas are mentioned here to relief from stress and without stress athlete can perform in high level;

1. **Garudasana** (Eagle Pose) = this pose requires you to concentrate and focus the mind to a single point, which is an excellent stress management tool. It can also help to free up tightness in the shoulders and hips, which are common sports for emotional tension to accumulate.
2. **Sukhasana** (Easy Pose) = Lengthen your spine and open your lips. It will help you calm down and eliminate anxiety. It will also reduce mental and physical exhaustion.
3. **Balasana** (Child Pose) = It is beneficial for your lymphatic system and nervous system. It will calm your mind and release stress. It stretches your thighs, hips and ankles.
4. **Uttanasana** (Standing Forward Fold) = It will reduce mild depression and stress. It will calm your brain and stimulate your kidneys and stretch hips.
5. **Tadasana** (Mountain Pose)
6. **AdhoMukhaSvanasana** (Downward Facing Dog)
7. **Utkatasana** (Awkward Pose)
8. **Vrksasana** (Tree Pose)
9. **ParivrttaTrikonasana** (Extended Triangle Pose)
10. **Bujangasana** (Cobra Pose)

Most of us want to be more confident, but few know that regular practice of yoga can help us to achieve it. If you want to improve your posture, stand straighter and give off an air of confidence, then these below poses will help you to achieve it. Sports psychology is more important for successful performance in most sports, it can help all athletes to enhance performance, Cope with the pressure of competition, recover from injuries, keep up an yoga practices and enjoying their sports. The present conceptual paper will review general Psychological and Physiological factors that already affect the athletes performance and sports.

Physiological Factors:

Sports physiology is the study of how exercise alters the function and structure of body. Physiological needs are requirements for sports performances. When practices regularly yoga can stabilize blood pressure. It relieves muscle tension. And influence on weight loss, but not in the traditional sense of how we link physical activity to weight loss. Many yoga practices burn fewer calories than traditional exercise. Here are some of yoga poses to remain active, energetic, and strong throughout the day.

1. **Navasana** (Boat Pose) it will helps to improve your capacity of abdominal strength and increase leg strength; all athletes must have abdominal strength, without having that we couldn‟t make any hard works.
2. **UrdhvaDhanurasana** (Upward-Facing Bow Pose) it will improves back strength and strengthens spinal part, helps to get more strength and to perform well in competition.
3. **Matsyasana** (Fish Pose) helps to relief abdominal muscles and increase blood circulation in upper part so it would support to store energy in abdominal part.
4. **Danurasana** (Bow Pose)
5. **UtkataKonasana** (Goddess Pose)
6. **Garudasana (Eagle Pose)**
7. **Ustrasana (Camel Pose)**

8. **Mayurasana (Peacock Pose)** Religiously stick with the practice of yoga and perform these yoga poses for stamina to fuel up your strength, energy and endurance

Personality Factors:

The combination of characteristics from individual, it refers to individual differences in characteristics patterns of thinking, feeling and behaving. Development of personality is an important issue. Personality starts since birth, but it assumes great importance during adolescence. Playing sport helps much more than in the physical aspects. It builds character, teaches thinking- analytical strategic, leadership skills, goal setting and much more. Believing between each other helps to high performance in group games. And we should play for team achievements shouldn‟t be selfish in group games.

Surya Namaskara (Sun Saluation):

It means salutation or bowing down. It consists of 12 postures; suryanamaskara should preferably be done at the time of sunrise. It can do any time on an empty stomach.

Yogic practices are found effective for development of all dimensions of personality. Total yoga can be improve our multi dimensions of human and every day it would start with freshness so it often reacts in sports competitions and helps to behave like smart.

Basically all the asanas or poses gives shape for our personality and create clever development in human body.

Conclusion:

We can improve our performance by daily practicing yoga in order to perform sporting action efficiently and effectively, an athlete needs to have high degree of concentration and focus with a mind that is calm and controlled. Yoga can support sportsman to have evenness of mind and control of their thoughts although on stress. Yoga can play a important role in cultivating mind control and concentration to helps a sportsperson to perform at their peak levels. And yoga will be helps lot in various stages of sports. Its improve overall balance in human body and it prevents injuries.

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Impact of Physical Activity on Academic Performance among College Students: A Contemporary Study.

Hanamant B. Maraddi[1] & Dr. Manjunath N. Lamani[2]

[1]*Department of Physical Education, SSS Government First Grade College Mudalagi.*

[2]*Lecturer Department of Political Science, SSS Government First Grade College Mudalagi 591312 Belagavi Karnataka India.*

Corresponding Author – Hanamant B. Maraddi

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Abstract:

Physical activity is an important component of healthy student development and has attracted increasing attention in higher education research. College students often experience prolonged sitting, academic workload and extensive screen use, which can influence their physical and psychological well-being. The World Health Organization recommends regular physical activity for adults and emphasises reducing sedentary behaviour as part of a healthy lifestyle [1]. Recent research has examined whether physical activity is associated with academic performance, cognitive functioning, attention, stress and academic engagement. A 2024 systematic review of university-level students identified 36 studies and found a significant association in its meta-analysis, although the authors classified the pooled evidence as low credibility and reported mixed findings across the broader literature [2]. A 2026 systematic review of classroom physical-activity breaks among university students found improvements in sustained attention and positive academic emotions, while evidence regarding academic performance itself remained mixed [3]. This article critically examines the relationship between physical activity and academic performance among college students. It discusses cognitive functioning, concentration, stress, sleep, sedentary behaviour, academic engagement and the role of physical education. The study is based on secondary sources and adopts a descriptive and analytical approach.

Keywords: Physical Activity, Academic Performance, College Students, Physical Education, Cognition, Concentration, Stress, Sedentary Behaviour and Higher Education.

Introduction:

Physical activity is an important component of a healthy lifestyle and plays a significant role in physical and psychological well-being. The World Health Organization's guidelines recognise physical activity as beneficial for health and recommend regular movement while limiting sedentary behaviour among adults [5]. In the context of higher education, the issue is particularly relevant because college students frequently spend considerable time in classrooms, libraries and digital learning environments.

Academic performance represents an important outcome of higher education and is commonly reflected through examination results, grade point average, academic engagement, attendance and other learning indicators. Researchers have therefore examined whether students who participate regularly in physical activity demonstrate differences in academic outcomes.

The relationship, however, is not necessarily direct. Physical activity may influence academic experiences through several pathways, including cognitive functioning, concentration, psychological well-being, stress regulation and

sleep. At the same time, academic achievement is influenced by socioeconomic background, study habits, motivation, teaching quality, learning environment and individual circumstances [6]. Recent evidence makes the subject particularly relevant. A systematic review published in 2024 examined university-level evidence and included 36 studies. Its meta-analysis identified a significant association between higher physical activity and higher academic performance, but the authors judged the pooled evidence to have low credibility and reported mixed results across the wider studies [7]. Thus, the contemporary research question is not simply whether physical activity "improves marks," but how physical activity may interact with different dimensions of student learning and development.

Objectives of the Study:

1. To examine the relationship between physical activity and academic performance among college students.
2. To analyse the possible influence of physical activity on concentration and cognitive functioning.
3. To examine the relationship between physical activity, stress and student well-being.
4. To analyse the effects of sedentary behaviour and prolonged screen use on students' active lifestyles.
5. To suggest measures for promoting physical activity within higher education institutions.

Methodology:

The study adopts a descriptive and analytical research methodology based primarily on secondary data. Information has been collected from systematic reviews, peer-reviewed research articles, international guidelines and scholarly publications relating to physical activity and higher education. Recent systematic reviews were given particular consideration because they synthesise evidence from multiple studies [8]. The study uses qualitative analysis to identify major patterns, relationships and challenges.

Meaning and Importance of Physical Activity:

Physical activity refers to bodily movement that requires energy expenditure. It includes walking, cycling, recreational activities, sports, exercise and other forms of movement. Exercise is a planned and structured form of physical activity, whereas physical activity encompasses a wider range of everyday movements. For college students, physical activity may occur through sports participation, physical-education classes, walking or cycling, fitness programmes, yoga, recreational activities and active transportation. The WHO guidelines emphasise that regular physical activity provides significant health benefits and that reducing sedentary behaviour is also important [9].

Physical activity therefore has significance beyond physical fitness. It can form part of a broader healthy lifestyle involving adequate sleep, balanced nutrition, psychological well-being and social interaction.

Physical Activity and Academic Performance:

Academic performance is influenced by multiple academic, psychological, social and environmental factors. Physical activity represents one possible factor associated with educational outcomes. A 2024 systematic review and meta-analysis of university-level students examined 36 studies. Six studies were included in the meta-analysis, which reported a statistically significant association between high physical activity and high academic performance. However, the researchers rated the credibility of the pooled result as low, while the broader narrative analysis showed mixed findings [10].

Earlier systematic-review evidence has similarly demonstrated that the relationship

between physical activity, sedentary behaviour and educational outcomes among university students is complex. These findings indicate that physical activity should not be considered an independent or guaranteed determinant of academic achievement. Instead, its possible contribution should be examined alongside other factors such as study time, motivation, socioeconomic circumstances, sleep, stress and learning conditions.[11]

Physical Activity and Cognitive Functioning:

Cognitive functioning is one possible mechanism through which physical activity may influence learning. Attention, working memory, executive functioning and cognitive flexibility are important for academic activities.

Research on young adults has examined the effects of physical activity on cognition and reported evidence of beneficial effects on some cognitive functions [5]. In college students specifically, systematic research has also examined exercise interventions in relation to executive functions such as inhibitory control, working memory and cognitive flexibility [12].

These findings provide a plausible explanation for why physical activity may support learning-related processes. However, improvements in cognitive performance should not automatically be interpreted as equivalent to improvements in examination marks.

Physical Activity and Concentration:

Concentration is essential for reading, listening, remembering information and completing academic tasks. Prolonged sedentary study can contribute to periods of inactivity, while appropriately structured activity breaks may provide opportunities for movement during academic work. A 2026 systematic review examining classroom physical-activity breaks among university students included 20 studies. It found generally positive associations with sustained attention, emotional engagement and positive academic emotions. However, findings concerning academic performance and some other attention measures were mixed or inconclusive [13].

This suggests that short physical-activity breaks may have educational value, but their effects should be interpreted according to the specific outcome being measured.

Physical Activity, Stress and Academic Life:

College students may experience stress associated with examinations, assignments, deadlines, financial concerns, social relationships and career expectations. Stress can interact with both physical activity and academic performance. A systematic review examining the relationship between physical activity, stress and academic performance among university students found that existing evidence was limited and heterogeneous. Although some studies suggested positive relationships between physical activity and academic performance and negative relationships between physical activity and stress, the meta-analysis did not find significant overall associations [14].

Thus, physical activity may be a useful component of student well-being, but current evidence does not justify treating it as a standalone solution to academic stress.

Physical Activity and Sleep:

Sleep is closely connected with students' daily functioning and academic life. Students who maintain balanced routines involving physical activity, adequate rest and effective study practices may be better positioned to manage academic demands. Physical activity can form part of a healthy daily routine, while excessive sedentary behaviour and irregular schedules may interfere with opportunities for movement and

recreation. The WHO guidelines emphasise considering physical activity and sedentary behaviour as interconnected aspects of healthy living [15].

Sedentary Behaviour among College Students:

The contemporary educational environment has increased students' dependence on computers, smartphones and digital learning platforms. Digital technology provides important educational benefits but may also increase prolonged sitting and screen exposure. Sedentary behaviour differs conceptually from insufficient physical activity, although the two can coexist. A student may participate in some exercise but still spend many hours sitting during classes, studying or using digital devices.[16]

Consequently, higher education institutions can encourage students to interrupt prolonged sitting through walking, active breaks, recreational activities and sports participation.

Role of Sports Participation:

Sports provide opportunities for physical fitness as well as social interaction, cooperation, discipline and communication. Participation in team sports may create opportunities for peer relationships and collective engagement. However, sports participation should not be viewed as automatically producing higher academic achievement. Students need to balance training and competition with academic responsibilities.[17]

The educational significance of sports can therefore be considered in terms of broader student development, including physical, social and personal dimensions.

Physical Education in Higher Education:

Physical education can provide an institutional mechanism for promoting healthy lifestyles among college students. Institutions can organise sports programmes, fitness activities, yoga, walking initiatives, recreational games and awareness programmes.

Physical education can also help students understand the importance of regular activity, balanced routines and responsible health behaviour. The WHO guidelines provide an evidence-based framework for understanding physical activity and sedentary behaviour across adult populations [18]. A contemporary physical-education programme can therefore move beyond competitive sports and include inclusive recreational and health-oriented activities.

Technology and Physical Activity:

Technology has become increasingly important in promoting physical activity among young adults. Mobile applications, wearable devices, social-media platforms, online fitness programmes and digital reminders can encourage participation and help students monitor their activity. At the same time, technology can contribute to sedentary behaviour when used primarily for passive screen-based activities. Therefore, technology should be used strategically to encourage movement rather than simply increasing screen exposure.[19]

Barriers to Physical Activity:

Physical activity provides important physical, psychological and academic benefits, many college students do not participate regularly. The barriers are not limited to individual motivation; they also include academic, social, economic and environmental factors.

1. **Lack of Time:** College students often have demanding academic schedules involving classes, assignments, examinations, projects and other responsibilities. Because of these commitments, physical activity may receive less priority. Proper time management and

short-duration activities can help students incorporate exercise into their daily routines.[20]

2. **Academic Pressure:** Examination pressure and the expectation to achieve good academic results can reduce participation in sports and exercise. Students may consider physical activity a distraction from studies. However, regular moderate activity can support concentration, stress management and overall well-being.[21]
3. **Lack of Motivation:** Some students lack sufficient interest or motivation to exercise regularly. They may begin physical activity enthusiastically but discontinue it because they do not have clear goals or a consistent routine. Encouragement from teachers, peers and institutions can improve motivation.
4. **Excessive Smartphone and Screen Use:** Smartphones, social media, online entertainment and gaming can encourage sedentary behaviour. Extended screen time reduces the amount of time available for walking, sports and other forms of physical activity. Developing healthy screen-time habits can help students become more physically active.[22]
5. **Inadequate Sports Facilities:** Some colleges have limited playgrounds, gyms, sports equipment or recreational spaces. When facilities are unavailable or poorly maintained, students have fewer opportunities to participate in physical activity. Colleges should provide accessible and safe facilities for different types of activities.
6. **Financial Constraints:** Participation in certain sports, gyms or fitness programmes may require money for membership, equipment, clothing or transportation.[23] Students from economically disadvantaged backgrounds may therefore face additional difficulties. Low-cost activities such as walking, running, yoga and college sports can provide practical alternatives.
7. **Lack of Social Support:** Students are more likely to participate when friends, classmates, teachers or family members encourage them. Lack of companionship may reduce interest, particularly among students who prefer group activities. Organising group walks, sports events and fitness programmes can strengthen social support.[24]
8. **Environmental and Safety Issues:** Unsafe roads, inadequate walking spaces, traffic, poor lighting and unsuitable weather conditions can discourage outdoor physical activity. Creating safe walking areas, sports spaces and recreational facilities within educational institutions can reduce these environmental barriers.

Discussion and Analysis:

The evidence indicates that physical activity and academic performance are related in potentially meaningful but complex ways. The 2024 systematic review found a significant pooled association but simultaneously characterised the credibility of the result as low and reported mixed findings across the 36 included studies [25]. This prevents a simple conclusion that increasing physical activity will necessarily increase students' grades. A more useful interpretation is that physical activity may influence intermediate educational processes, including attention, cognition, emotional engagement and psychological well-being. The 2026 review of classroom activity breaks found positive effects on sustained attention and academic emotions, while effects on academic performance itself remained mixed [26]. Similarly, research on physical activity, stress and academic performance indicates substantial heterogeneity and insufficient evidence for a simple causal pathway [27].

Findings and Recommendations:

1. Existing research suggests a positive relationship between physical activity and academic performance, although the findings are mixed and the strength of evidence varies across studies.
2. Physical activity may support learning-related cognitive processes such as attention, working memory and executive functioning [28].
3. Physical-activity breaks may improve sustained attention and positive academic emotions among university students, although evidence concerning academic achievement remains inconclusive [29].
4. Physical activity may interact with student stress and well-being, but current evidence does not establish a simple causal relationship between activity, stress and academic performance [30].
5. Sedentary behaviour, academic workload, limited facilities and lack of time can create barriers to regular physical activity among college students.

Recommendations:

1. Colleges should provide regular opportunities for sports, exercise, yoga, walking and recreational physical activities.
2. Short, appropriately designed physical-activity breaks may be incorporated into long academic sessions where they do not disrupt teaching effectiveness.
3. Higher education institutions should improve access to inclusive and affordable sports and fitness facilities.[31]
4. Students should be encouraged to balance academic study with physical activity, adequate sleep and other healthy lifestyle practices.
5. Colleges can use digital platforms and activity-tracking technologies to encourage participation while also promoting responsible management of screen time.

Conclusion:

Physical activity represents an important dimension of college student development and may contribute to cognitive functioning, concentration, psychological well-being and healthy lifestyle behaviour. Contemporary evidence provides some support for a relationship between physical activity and academic performance, but the relationship is neither simple nor universally established [32][33].

The most appropriate understanding is that physical activity can form part of a supportive educational environment in which students develop physically, psychologically and socially. Academic performance remains influenced by numerous factors, and physical activity should therefore be viewed as a complementary component of student development rather than a single determinant of academic success.

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Effects of Aerobic Rhythmic Exercise on Anthropometric Variables Among College Students with Obesity

Shri. Shivanand M. Holi[1] & Dr. K. Senthilkumar[2]

[1]*Research Scholar, Tamilnadu Physical Education and Sports University, Tamilnadu.*

[2]*Principal & Research Convener, Selvam College of Physical Education Namakkal*

Corresponding Author – Shri. Shivanand M Holi

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Abstract:

Obesity among college students has become an important public health concern due to increasing sedentary behaviour, unhealthy dietary practices, academic stress, and lifestyle changes associated with higher education. Aerobic rhythmic exercise (ARE), including aerobic dance, Zumba, and other music-based rhythmic activities, has emerged as an engaging form of physical activity that may contribute to improvements in body composition and anthropometric characteristics. This review examines the effects of ARE on body mass index (BMI), body weight, body fat percentage, and waist circumference among college-age individuals with overweight or obesity. Evidence from intervention studies indicates that regular participation in rhythmic aerobic activities over approximately 10–16 weeks can produce moderate reductions in body weight, BMI, body fat, and central adiposity, while also improving aerobic fitness. The potential benefits of ARE may be associated with increased energy expenditure, repeated engagement of large muscle groups, improved cardiovascular capacity, and enhanced exercise adherence resulting from music, enjoyment, and social interaction. However, the existing evidence is constrained by relatively small sample sizes, volunteer bias, limited intervention durations, inadequate long-term follow-up, and insufficient consideration of dietary behaviour. Future research should employ larger and more diverse randomized controlled trials, longer follow-up periods, and combined exercise–nutrition interventions to establish the sustainability and broader applicability of these effects. Overall, aerobic rhythmic exercise appears to be a promising and accessible component of comprehensive strategies for improving anthropometric health among college students with overweight or obesity.

Keywords: Aerobic Rhythmic Exercise, Obesity, College Students, Anthropometric Variables, BMI, Body Fat, Waist Circumference, Body Weight.

Introduction:

Obesity among young adults enrolled in colleges and universities has become an important public health issue in both developed and developing countries. In the United States, obesity among young adults has increased considerably over recent decades, rising from approximately 10% during the 1990s to more than 20% by 2020 (Stierman et al., 2021). The transition from secondary education to college life is frequently accompanied by changes in eating habits, physical activity patterns, sleep, and stress levels. These lifestyle changes can contribute to progressive weight gain, sometimes popularly described as the "freshman fifteen." Increased sedentary behaviour, irregular dietary practices, academic pressures, and stress-related eating are among the factors that may contribute to this problem.

Against this background, aerobic rhythmic exercise (ARE) has received increasing attention as a potential strategy for managing excess body weight among college students. ARE includes activities such as

aerobic dance, dance-based fitness programmes, Zumba, and other forms of continuous rhythmic movement performed with music. Unlike some conventional exercise programmes, these activities combine physical activity with recreation and social interaction. Consequently, they may provide an enjoyable approach to improving body composition and reducing obesity-related anthropometric indicators.

Anthropometric characteristics such as body weight, body mass index (BMI), body fat percentage, and waist circumference are commonly used to evaluate changes associated with exercise interventions. This review discusses the potential mechanisms through which aerobic rhythmic exercise can influence these variables among obese college students, examines findings reported in intervention studies, and considers the limitations associated with the existing evidence.

Anthropometric Outcomes and Measurement Considerations:

Anthropometry involves the measurement of body dimensions and provides important information for evaluating body size, body composition, and adiposity. Among the commonly used indicators, BMI is one of the most widely applied measures for identifying overweight and obesity. It is calculated by dividing body mass in kilograms by the square of height in metres. Although BMI is convenient and inexpensive, it cannot distinguish between fat mass and lean tissue and therefore should be interpreted cautiously, particularly among individuals with greater muscular development (Rothman, 2008).

Body fat percentage provides additional information regarding the proportion of total body mass that consists of adipose tissue. It can be estimated using methods such as bioelectrical impedance analysis and dual-energy X-ray absorptiometry (DEXA). Waist circumference is another important anthropometric indicator because it reflects abdominal or central fat accumulation and has been associated with the risk of metabolic disorders (Ashwell & Gibson, 2016).

College students represent a distinctive population for weight-management research. The transition to university life can involve reduced participation in physical activity, greater consumption of energy-dense foods, irregular meal patterns, and increased psychological stress. At the same time, students may experience difficulties finding sufficient time for structured exercise because of academic responsibilities and other commitments.

Aerobic rhythmic activities may provide a practical alternative to conventional gym-based exercise. Most forms require relatively little equipment and can be conducted in classrooms, recreation centres, or outdoor spaces. Group-based sessions may also create opportunities for social interaction and peer encouragement. Because participants may perceive dance-oriented activities as enjoyable recreation rather than formal exercise, such programmes may contribute to better participation and adherence.

Physiological Mechanisms Underlying the Effects of Aerobic Rhythmic Exercise:

The influence of aerobic rhythmic exercise on body composition can be explained through several physiological and behavioural mechanisms. Rhythmic activities performed continuously, including dance-based aerobic

exercise, increase heart rate and oxygen consumption and consequently raise energy expenditure. Moderate-intensity exercise commonly performed within approximately 60–75% of maximum heart rate can provide an appropriate aerobic stimulus for many previously inactive individuals when suitably prescribed (American College of Sports Medicine, 2017).

The amount of energy expended during an exercise session varies according to factors such as body mass, exercise intensity, duration, movement pattern, and individual fitness. A 45-minute aerobic rhythmic session may expend several hundred kilocalories, although the actual value differs considerably among participants. Repeated exercise sessions can therefore contribute to a negative energy balance when energy intake does not compensate for the additional expenditure.

Regular aerobic exercise may also produce adaptations within skeletal muscle that improve the body's capacity to utilize oxygen and generate energy. Improvements in mitochondrial function and oxidative capacity can support greater exercise tolerance and metabolic efficiency. Rhythmic activities frequently involve repeated movements of the lower limbs, trunk, and upper body, which can engage several large muscle groups simultaneously.

Another possible pathway involves psychological responses to exercise. Physical activity may influence stress, mood, and emotional well-being, which are particularly relevant to students exposed to academic and social pressures. Music-supported exercise may increase enjoyment and motivation, while group participation can provide social reinforcement. Reduced stress and improved emotional well-being may indirectly assist healthy eating and physical-activity behaviours. However, claims concerning specific hormonal mechanisms, such as reductions in cortisol and consequent appetite regulation, require careful interpretation because these responses can vary according to exercise intensity, individual characteristics, and psychological circumstances (Thayer et al., 2007).

Social interaction is another potentially important component of rhythmic exercise programmes. Participating with peers can create accountability and provide encouragement, which may increase the likelihood of maintaining regular physical activity. Thus, the effectiveness of ARE may result not only from its physiological effects but also from its motivational and behavioural characteristics.

Evidence from Intervention Studies:

Several intervention studies have investigated the relationship between dance-based or rhythmic aerobic exercise and anthropometric outcomes. Afshar et al. (2015), for example, examined the effects of a 12-week aerobic dance programme among 60 overweight female college students. The exercise group participated in three 45-minute sessions each week, whereas the comparison group continued its usual activity pattern. Following the intervention, reductions were reported in BMI, body weight, and waist circumference among participants undertaking aerobic dance. A reduction in body fat percentage was also observed in the intervention group compared with the control condition. These findings suggest that regular participation in structured dance-based aerobic exercise can contribute to favourable changes in several measures of adiposity.

Donath et al. (2014) investigated a 16-week Zumba-based exercise programme involving 55 individuals with obesity. Participants attended two 60-minute sessions each week. At the completion of the programme, reductions in body weight and BMI were reported together with an improvement in aerobic fitness, as reflected by peak oxygen uptake. The study also reported differences in participant retention between the Zumba intervention and conventional aerobic exercise conditions. Such findings indicate that the enjoyment and social characteristics of rhythmic exercise may have implications for maintaining participation over the intervention period.

Research by Koutedakis and colleagues (2019) examined a 10-week dance-cardio programme involving college-age adults classified as overweight or obese. Participants demonstrated reductions in body fat percentage as well as improvements in cardiovascular fitness indicators. Importantly, these changes occurred without the introduction of a specific dietary intervention, suggesting that structured rhythmic exercise itself may contribute to favourable anthropometric and physiological adaptations.

Taken together, these intervention studies indicate that aerobic rhythmic exercise can be associated with improvements in body weight, BMI, body fat, and waist circumference. Nevertheless, the magnitude of change is generally moderate, and outcomes can differ according to programme duration, exercise intensity, frequency of participation, baseline body composition, dietary behaviour, and adherence.

Limitations and Considerations for College Populations:

Despite encouraging findings, several limitations should be considered when interpreting the available evidence. Many exercise intervention studies recruit individuals who volunteer because they are already interested in improving their physical fitness or managing their weight. This recruitment approach may introduce self-selection bias because participants who are more motivated may demonstrate greater adherence than students who are less interested in exercise.

Sample sizes in many studies have also been relatively small, frequently involving fewer than 100 participants. Small samples can restrict the generalizability of findings to the wider college population. Differences in sex, age, socioeconomic background, cultural environment, baseline fitness, and educational setting may further influence the response to exercise interventions.

Another important consideration is the role of nutrition. Body-weight management is influenced by the balance between energy intake and energy expenditure, and exercise is often most effective when combined with appropriate dietary practices. When studies examine aerobic rhythmic exercise without controlling or monitoring dietary intake, it can be difficult to determine the extent to which observed changes are attributable solely to exercise.

The college environment presents additional challenges. Students frequently experience changing academic schedules, examinations, social commitments, and variations in daily routines. These factors can affect regular participation in exercise programmes. Furthermore, relatively few

studies have followed participants for sufficiently long periods to determine whether improvements in anthropometric characteristics are maintained after the formal intervention has ended.

Differences between male and female participants also require further investigation. Some studies have suggested that dance-based exercise may attract or benefit female participants more strongly, although the evidence is not consistent enough to establish a definitive sex-specific effect. Future studies should therefore include adequately powered samples of both male and female college students.

Accessibility is another practical issue. Although rhythmic exercise generally requires limited equipment, not every educational institution has suitable instructors, facilities, or organized programmes. Developing affordable, flexible, and student-friendly programmes may therefore be necessary if ARE is to be implemented on a larger scale.

Conclusion:

Aerobic rhythmic exercise represents a potentially useful approach for addressing excess body weight and unfavourable anthropometric characteristics among college students with overweight or obesity. Regular participation in activities such as aerobic dance, Zumba, and other rhythm-based exercise programmes can increase energy expenditure and may contribute to reductions in body weight, BMI, body fat, and waist circumference. In addition to physiological adaptations, the enjoyable and socially interactive nature of rhythmic exercise may encourage students to participate more consistently.

Existing intervention research generally indicates moderate improvements in anthropometric outcomes following programmes lasting approximately 10–16 weeks. However, the evidence should be interpreted cautiously because many studies involve small samples, motivated volunteers, limited follow-up periods, and insufficient control of dietary behaviour. Consequently, the long-term sustainability of the observed changes remains an important area for further investigation.

Future research should employ larger randomized controlled trials involving diverse college populations and should include longer follow-up periods to determine whether anthropometric improvements are sustained. Researchers should also examine differences according to sex, baseline fitness, exercise intensity, programme adherence, and nutritional behaviour. Combining aerobic rhythmic exercise with nutritional education and other lifestyle interventions may provide a more comprehensive approach to weight management.

For colleges and universities, ARE may offer a practical form of physical activity because it can combine health-related exercise with enjoyment, music, recreation, and social participation. When appropriately designed and implemented, rhythmic exercise programmes may therefore serve as one component of broader institutional strategies aimed at improving physical activity and supporting healthy body composition among college students.

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Sports Personality and Player Satisfaction among Indoor and Outdoor Athletes

Mr. Vivekanand Hiremath
Research Scholar, Karnatak University, Dharwad
Corresponding Author – Mr. Vivekanand Hiremath
DOI - 10.5281/zenodo.23087745

Abstract:

This study examined the association between personality characteristics and athlete satisfaction among individuals participating in indoor and outdoor sports. A quantitative, cross-sectional research design was adopted. The study included 240 competitive athletes, comprising 120 indoor athletes and 120 outdoor athletes. The indoor group consisted of badminton, table tennis, and chess players, whereas the outdoor group included athletes from athletics, cricket, and basketball. Data were collected using the Sport Personality Questionnaire (SPQ) and the Athlete Satisfaction Questionnaire (ASQ). The findings revealed significant differences between indoor and outdoor athletes in selected personality characteristics. Outdoor athletes recorded higher levels of extraversion and sensation-seeking, whereas indoor athletes demonstrated higher levels of conscientiousness and emotional stability. Athlete satisfaction also differed across selected dimensions. Indoor athletes reported greater satisfaction with training and instruction, while outdoor athletes reported greater satisfaction with personal performance and team integration. Correlation analysis indicated significant relationships between selected personality characteristics and satisfaction dimensions. Regression analysis further suggested that the sporting environment influenced the relationship between personality characteristics and athlete satisfaction. The findings highlight the importance of considering both individual psychological

Keywords: Sports Personality, Athlete Satisfaction, Indoor Sports, Outdoor Sports, Badminton, Table Tennis, Chess, Athletics, Cricket, Basketball

Introduction:

Participation in sport is influenced by several psychological, social, and environmental factors. Among these factors, personality has received considerable attention in sport psychology because individual personality characteristics may influence sport participation, behaviour, interpersonal relationships, performance experiences, and satisfaction. Traits such as extraversion, conscientiousness, emotional stability, openness, and sensation-seeking have been examined in relation to athletic participation and sporting behaviour (Allen et al., 2013).

Although the relationship between personality and sport has been widely investigated, further attention is required to understand how different sporting environments may interact with personality characteristics and influence athlete satisfaction. Indoor and outdoor sports provide different physical and competitive contexts. Badminton, table tennis, and chess are generally conducted in controlled indoor settings where athletes perform within clearly defined spaces and relatively stable environmental conditions. In contrast, athletics, cricket, and basketball may involve larger playing areas and, depending on the facilities and form of competition, different environmental and competitive demands.

The characteristics of a sporting environment may influence athletes' experiences of training, competition, performance, and social interaction. Individual athletes may also differ in their preference for structured, controlled environments or activities involving greater

movement, stimulation, and variability. Examining personality characteristics together with sporting context may therefore provide a more comprehensive understanding of athlete experiences.

Athlete satisfaction is another important concept in sport psychology. It refers to an athlete's evaluation of different aspects of the sporting experience, including personal performance, coaching, training, team relationships, and social interaction (Chelladurai & Riemer, 1997). Satisfaction may contribute to athletes' attitudes toward their sporting experience and their willingness to continue participating in sport.

Understanding how personality characteristics are related to athlete satisfaction among different groups of athletes may provide useful information for coaches, sport psychologists, administrators, and athlete-support professionals. Therefore, the present study compares personality characteristics and athlete satisfaction among athletes participating in selected indoor and outdoor sports.

Review of Related Literature:

1. Personality Characteristics in Sport: Personality refers to relatively consistent patterns of thoughts, feelings, and behaviour that distinguish individuals from one another. In sport psychology, personality has been examined in relation to participation, performance, motivation, interpersonal behaviour, and responses to competitive situations.

Previous research has reported associations between personality characteristics and physical activity and sport participation. Athletes may differ from non-athletes, as well as from athletes involved in different sporting activities, in characteristics such as extraversion and conscientiousness (Rhodes & Smith, 2006).

The Big Five personality framework provides an established approach for examining individual differences through dimensions such as extraversion, conscientiousness, emotional stability, openness, and agreeableness (John & Srivastava, 1999). These dimensions provide a useful theoretical basis for studying personality characteristics among athletes.

However, personality should not be considered the sole factor determining an individual's choice of sport. Sporting experiences, social influences, coaching practices, and environmental characteristics may also influence participation and psychological development.

2. Sensation-Seeking and Sports Participation: Sensation-seeking refers to an individual's tendency to seek varied, novel, and stimulating experiences. Zuckerman's sensation-seeking theory provides a framework for examining individual differences in preferences for stimulation and novelty.

Different sports may provide different levels and forms of stimulation. Athletics, cricket, and basketball involve substantial physical movement and changing competitive situations, whereas badminton and table tennis require rapid responses within defined playing spaces. Chess, although different from physically intensive sports, involves sustained attention, decision-making, planning, and strategic thinking.

These differences provide a useful basis for examining whether athletes participating in different sporting contexts demonstrate variations in personality characteristics such as sensation-seeking and conscientiousness.

3. Indoor and Outdoor Sporting Environments: The physical environment is an important component of sporting participation. Environmental psychology suggests that physical surroundings can influence behaviour, psychological responses, and subjective experiences (Kaplan, 1995).

Indoor sports such as badminton, table tennis, and chess are generally performed in controlled environments. Athletes typically

compete under relatively stable conditions with clearly defined spaces and limited exposure to external environmental changes.

Outdoor sports such as athletics, cricket, and basketball may involve greater exposure to environmental conditions depending on the venue and competition setting. Athletes may experience differences in playing surfaces, space, temperature, lighting, and other environmental characteristics.

These differences may contribute to variations in athletes' experiences. However, environmental conditions alone cannot explain individual differences because personality, coaching, experience, motivation, and social factors may also influence athlete responses.

4. Athlete Satisfaction: Athlete satisfaction represents an individual's evaluation of various aspects of participation in sport. It differs from motivation because satisfaction reflects an individual's assessment of the quality and outcomes of the sporting experience (Riemer & Chelladurai, 1998). The Athlete Satisfaction Questionnaire (ASQ) was developed to assess multiple dimensions of athlete satisfaction. These include areas related to personal and team performance, training and instruction, coaching, and social experiences. Personality characteristics may influence the way athletes perceive and evaluate these aspects of sport. For example, athletes with stronger achievement-oriented characteristics may place greater importance on performance and improvement, whereas athletes with stronger interpersonal tendencies may attach greater importance to social interaction and team relationships.

Therefore, examining personality characteristics together with athlete satisfaction may provide a better understanding of athletes' experiences across different sporting environments.

Hypotheses:

Based on the theoretical framework and previous literature, the following hypotheses were formulated:

H1: There is a significant difference in selected personality characteristics between athletes participating in indoor and outdoor sports.

H2: Personality characteristics are significantly associated with athlete satisfaction and its selected dimensions among indoor and outdoor athletes.

H3: Sporting environment significantly moderates the relationship between personality characteristics and dimensions of athlete satisfaction.

Methodology:

1. Research Design: A quantitative, cross-sectional research design was employed to examine differences in personality characteristics and athlete satisfaction between indoor and outdoor athletes. The design also enabled the relationships among personality characteristics, athlete satisfaction, and sporting environment to be statistically examined.

2. Participants: The study consisted of 240 competitive athletes, including 132 males and 108 females, with a mean age of 22.4 ± 3.6 years.

The participants were equally divided into two groups.

Indoor Sports Group: The indoor sports group consisted of 120 athletes participating in:

- Badminton
- Table Tennis
- Chess

Outdoor Sports Group: The outdoor sports group consisted of 120 athletes participating in:

- Athletics
- Cricket
- Basketball

All participants had a minimum of three years of competitive sporting experience at the collegiate or club level.

3. Research Instruments:

- **Sport Personality Questionnaire:** The Sport Personality Questionnaire (SPQ) was adapted from established personality measures, including the Big Five personality framework proposed by John and Srivastava (1999) and the sensation-seeking framework associated with Zuckerman.
    - The questionnaire consisted of 45 items measuring five personality dimensions: extraversion, conscientiousness, emotional stability, openness, and sensation-seeking. Responses were recorded on a five-point Likert scale ranging from 1 = Strongly Disagree to 5 = Strongly Agree.
- **Athlete Satisfaction Questionnaire:** Athlete satisfaction was assessed using the Athlete Satisfaction Questionnaire (ASQ) developed by Riemer and Chelladurai (1998). The questionnaire contains 56 items covering multiple dimensions of athlete satisfaction.

For the present study, the dimensions were considered broadly in terms of task-related and social aspects of athlete satisfaction. Responses were recorded using a seven-point Likert scale.

4. Data Collection Procedure: Following institutional ethical approval, the questionnaires were distributed digitally through athletic associations and sports clubs. Participants were informed about the purpose and procedures of the study before completing the questionnaires. Informed consent was obtained from all participants. Confidentiality and anonymity were maintained throughout the data collection and analysis process.

5. Statistical Analysis: The collected data were analysed using SPSS version 28.0. Independent-samples *t*-tests were used to examine differences in personality characteristics between indoor and outdoor athletes. Pearson product-moment correlation analysis was conducted to examine relationships between personality characteristics and athlete satisfaction dimensions. Multiple regression analysis was used to examine the moderating role of sporting environment.

The level of statistical significance was set at $p < 0.05$.

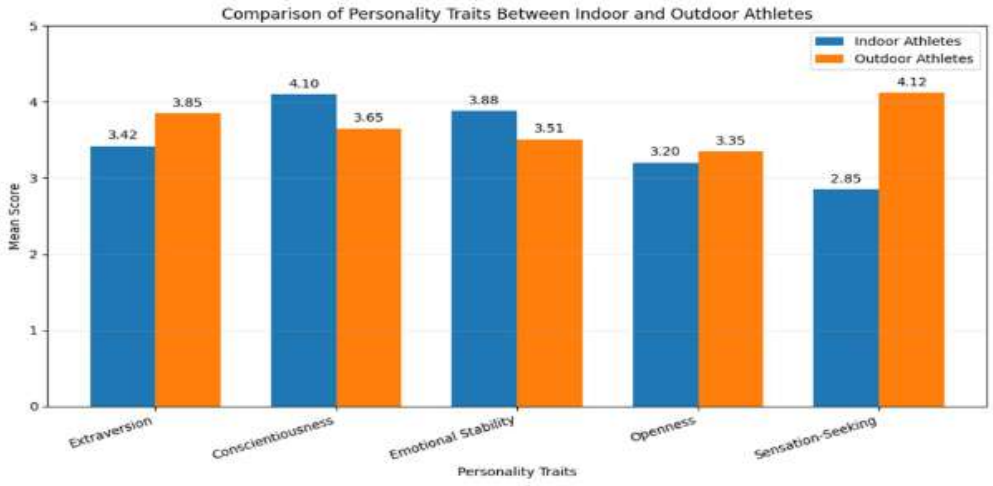
Table 1. Comparison of Indoor and Outdoor Athletes on Personality Characteristics

Personality Trait	Indoor Athletes M (SD)	Outdoor Athletes M (SD)	*t*	*p*
Extraversion	3.42 (0.61)	3.85 (0.58)	-5.58	< 0.001
Conscientiousness	4.10 (0.49)	3.65 (0.55)	6.78	< 0.001
Emotional Stability	3.88 (0.52)	3.51 (0.60)	5.02	< 0.001
Openness	3.20 (0.65)	3.35 (0.62)	-1.85	0.066
Sensation-Seeking	2.85 (0.71)	4.12 (0.50)	-15.62	< 0.001

The results indicate that outdoor athletes obtained significantly higher scores in extraversion and sensation-seeking than indoor athletes. In comparison, indoor athletes recorded significantly higher scores in conscientiousness and emotional stability.

The difference in openness was not statistically significant at the 0.05 level.

These findings provide support for H1 for the personality dimensions in which significant group differences were identified.



Results:

1. Comparison of Personality Characteristics Between Indoor and Outdoor Athletes: Independent-samples *t*-tests revealed significant differences between indoor and outdoor athletes in several personality characteristics.

2. Athlete Satisfaction Among Indoor and Outdoor Athletes: Analysis of ASQ scores revealed differences in selected dimensions of athlete satisfaction. Indoor athletes reported significantly greater satisfaction with training and instruction, with a mean score of 5.82 ± 0.74 compared with 5.21 ± 0.89 among outdoor athletes ($p < 0.01$).

Outdoor athletes reported greater satisfaction with personal performance, with a mean score of 5.65 ± 0.81 compared with 5.12 ± 0.88 among indoor athletes ($p < 0.05$). Outdoor athletes also reported higher satisfaction with team integration.

These findings indicate that the two groups differed in their perceptions of selected aspects of their sporting experience.

3. Correlation Between Personality and Athlete Satisfaction: Pearson correlation analysis revealed significant relationships between selected personality characteristics and athlete satisfaction Among indoor athletes, conscientiousness showed a strong positive relationship with task-related satisfaction ($r = 0.54$, $p < 0.01$). Among outdoor athletes, sensation-seeking and extraversion demonstrated moderate-to-strong positive relationships with social satisfaction and personal performance satisfaction ($r = 0.48$, $p < 0.01$).

These findings indicate that different personality characteristics may be associated with different dimensions of athlete satisfaction.

4. Moderating Role of Sporting Environment: Multiple regression analysis indicated that sporting environment significantly moderated the relationship between personality characteristics and athlete satisfaction.

The analysis produced a change in explained variance of $\Delta R^2 = 0.08$, $p < 0.01$. This finding suggests that the relationship between personality characteristics and athlete satisfaction varied according to the sporting environment.

The findings therefore provide support for H3 concerning the moderating role of sporting environment.

Discussion:

1. Interpretation of Findings: The present study examined personality characteristics and athlete satisfaction among participants in selected indoor and outdoor sports. The findings revealed significant differences in several personality dimensions between the two groups. Outdoor athletes participating in athletics, cricket, and basketball recorded higher levels of extraversion and sensation-seeking. These sports involve active participation, physical movement, changing competitive situations, and, depending

on the sport and setting, different levels of environmental and tactical variation. Such characteristics may be relevant to athletes who seek greater stimulation and activity.

Indoor athletes participating in badminton, table tennis, and chess recorded higher levels of conscientiousness and emotional stability. These sports require different forms of concentration, discipline, precision, decision-making, and consistent execution. In particular, badminton and table tennis require rapid responses and technical accuracy, while chess requires sustained concentration and strategic decision-making.

However, these findings should not be interpreted as demonstrating that participation in a particular sport causes a particular personality profile. Because the study used a cross-sectional design, it is not possible to establish whether personality characteristics influenced sport selection or whether sporting experiences contributed to the observed personality characteristics.

The findings related to athlete satisfaction also revealed differences between the two groups. Indoor athletes reported greater satisfaction with training and instruction, whereas outdoor athletes reported greater satisfaction with personal performance and team integration. The significant positive relationship between conscientiousness and task-related satisfaction among indoor athletes suggests that athletes who value organization, discipline, and systematic improvement may evaluate structured training experiences positively. Among outdoor athletes, the relationship between extraversion, sensation-seeking, and selected satisfaction dimensions suggests that individual personality characteristics may be relevant to athletes' perceptions of performance and social experiences.

Overall, the findings indicate that athlete satisfaction is a multidimensional experience that may be associated with both individual characteristics and sporting context.

2. Practical Implications: The findings may have several practical implications for coaches, sport psychologists, and sports administrators.

- **Individualized Coaching:** Coaches may consider individual differences in personality when planning communication, feedback, and training strategies. Athletes may respond differently to structured instruction, independent decision-making, and varied training activities.
- **Athlete Development:** Understanding athletes' personality characteristics and satisfaction may help coaches identify factors associated with positive sporting experiences and continued participation.
- **Improving Athlete Satisfaction:** Since athlete satisfaction consists of multiple dimensions, coaches and administrators may assess specific areas such as training, instruction, performance, teamwork, and social relationships rather than relying solely on an overall satisfaction score.
- **Psychological Support "** Sport psychologists may consider personality and sporting context when designing interventions related to performance, adaptation, interpersonal relationships, and coping with competitive demands.

3. Limitations of the Study: The study has several limitations.

- First, the cross-sectional research design does not permit causal conclusions regarding the relationships between personality, sporting environment, and athlete satisfaction.
- Second, the study relied on self-report questionnaires. Responses may therefore have been influenced by social desirability or participants' subjective interpretation of the questionnaire items.
- Third, the study included athletes from only six selected sports: badminton, table tennis, chess, athletics, cricket, and basketball. Consequently, the findings may not be generalizable to athletes participating in other

sports or to athletes from different age groups and competitive levels.

Future studies may use longitudinal designs to examine changes in personality and satisfaction over time. Researchers may also include larger samples from a wider range of sports and competitive levels.

Conclusion:

The present study examined the association between personality characteristics and athlete satisfaction among athletes participating in selected indoor and outdoor sports. The indoor sports group consisted of badminton, table tennis, and chess players, whereas the outdoor sports group consisted of athletes from athletics, cricket, and basketball.

The findings revealed significant differences in several personality characteristics. Outdoor athletes recorded higher levels of extraversion and sensation-seeking, while indoor athletes demonstrated higher levels of conscientiousness and emotional stability. No statistically significant difference was observed between the groups in openness.

Differences were also observed in selected dimensions of athlete satisfaction. Indoor athletes reported greater satisfaction with training and instruction, while outdoor athletes reported greater satisfaction with personal performance and team integration.

The correlation and regression findings further suggest that personality characteristics are associated with athlete satisfaction and that sporting environment may influence these relationships.

The study highlights the importance of considering both psychological characteristics and sporting context when examining athlete experiences. Coaches, sport psychologists, and sports administrators may benefit from recognizing individual differences among athletes and addressing the specific factors that contribute to satisfaction within different sporting environments.

Future research involving larger samples, additional sports, and longitudinal designs may provide further understanding of the complex relationship between personality, sporting environment, and athlete satisfaction.

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Yoga, Mental Well-Being and Healthy Life

Dr. Ravi H. Gadadannavar
Asst Prof in Physical Education,
Government First Grade College Mudhol-587313 Tq :-Mudhol, Dist:-Bagalakot Karanatak
Corresponding Author – Dr. Ravi H. Gadadannavar

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Abstract:

Yoga is an ancient Indian discipline that integrates physical postures, breathing practices, concentration, meditation, and mindful awareness. In contemporary society, increasing academic, occupational, social, and lifestyle pressures have created a growing need for accessible approaches to maintaining physical and mental well-being. Yoga has attracted considerable scientific interest because it combines movement, breathing, and mindfulness. Evidence suggests that yoga may support stress management, psychological well-being, sleep, balance, flexibility, strength, and healthy lifestyle behaviours.

This article examines the relationship between yoga, mental well-being, and a healthy lifestyle, with particular attention to its relevance for students and young adults. It discusses the role of yoga in stress management, emotional balance, physical fitness, healthy habits, and holistic development. The article also highlights the importance of integrating yoga with appropriate nutrition, adequate sleep, physical activity, social relationships, and professional healthcare when required.

Keywords: Yoga, Mental Well-Being, Healthy Lifestyle, Stress Management, Physical Health, Meditation, Pranayama, Youth.

Introduction:

Health is not simply the absence of disease; it also includes physical, psychological, and social well-being. Modern lifestyles are often characterised by prolonged sitting, excessive screen use, irregular sleep, unhealthy dietary patterns, academic and occupational pressures, and reduced opportunities for physical activity. These factors can influence both physical health and mental well-being.

Yoga provides a holistic approach that brings together body, breathing, attention, and relaxation. The Government of India's National Portal describes yoga as an art and science of healthy living and emphasises its role in bringing harmony between mind and body.

In recent years, scientific research has increasingly examined yoga as a complementary approach to health and well-being. The World Health Organization has highlighted yoga's potential contribution to physical activity, mental well-being, flexibility, strength, mobility, and healthy ageing.

Concept of Yoga:

The word **Yoga** is derived from the Sanskrit root *Yuj*, commonly understood as meaning union or integration. Traditional yoga encompasses physical, mental, and spiritual practices.

For contemporary health and wellness programmes, important components include:

- **Asanas** – physical postures
- **Pranayama** – regulated breathing practices
- **Dhyana** – meditation
- **Relaxation** – practices that encourage physical and mental calmness

- **Mindfulness** – developing awareness of present experiences

Yoga therefore differs from exercise that focuses only on physical movement. Its combination of movement, breathing, and attention provides a broader mind-body approach.

1. Stress Management:

Stress Management refers to the process of understanding, controlling, and reducing the physical, emotional, and mental effects of stress. Stress is a natural response to challenging situations, but excessive or prolonged stress can affect health, academic performance, relationships, and overall well-being.

2 Emotional Balance:

Emotional Balance is the ability to understand, manage, and express emotions in a healthy and appropriate way. It does not mean avoiding negative emotions; rather, it means responding to emotions thoughtfully instead of allowing them to control our behaviour.

3 Anxiety and Depressive Symptoms:



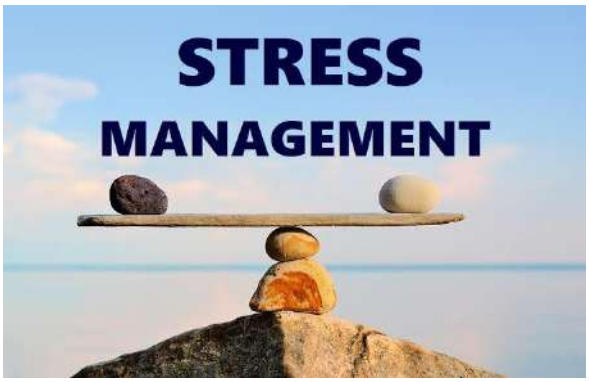
4. Mindfulness and Concentration:



Yoga and Mental Well-Being:

Mental well-being involves emotional balance, psychological resilience, positive functioning, and the ability to cope with everyday challenges.

Yoga may contribute to mental well-being through several mechanisms:





Research indicates that yoga may help reduce symptoms of anxiety and depression in some populations. However, the strength of evidence varies according to the condition, population, and type of yoga used. Yoga should therefore be viewed as a possible complementary practice rather than a replacement for appropriate professional mental-health treatment

Mindfulness is the practice of paying attention to the present moment with awareness and without unnecessary judgment. It helps a person become aware of their thoughts, feelings, breathing, and surroundings.

Concentration is the ability to focus attention on a particular task, activity, or subject without being easily distracted.

Yoga and Physical Health:

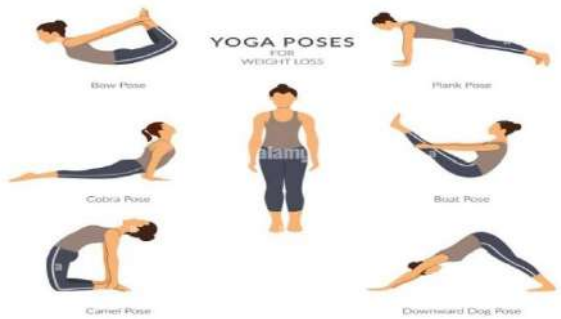
Yoga can contribute to several aspects of physical fitness. Depending on the style and intensity, yoga practice may improve:

- Flexibility
- Balance
- Muscular strength
- Mobility
- Body awareness
- Physical functioning
- Relaxation

The WHO notes that yoga combines movement, breathing, and mindfulness and can support balance, flexibility, strength, and mobility.

However, yoga should not be considered a complete substitute for all forms of physical activity. A healthy lifestyle can include yoga together with walking, aerobic activity, strength training, recreational sports, and other appropriate forms of exercise.

Yoga and Healthy Lifestyle:



A healthy lifestyle involves multiple behaviours rather than one activity. Yoga can become one component of a broader health-promoting lifestyle

1. Healthy Food:

Mindful awareness may encourage individuals to pay greater attention to eating behaviours and food choices. Some research has found associations between yoga practice and healthier eating and physical-activity habits, although such associations do not by themselves prove that yoga caused the changes.



2. Adequate Sleep:



Good-quality sleep is essential for physical recovery, concentration, emotional regulation, and general health. Yoga may support sleep quality in some populations, although results vary across studies.

3. Physical Activity:

Yoga can provide an accessible form of movement, particularly for people who prefer low-impact activities. It can complement other forms of exercise and help individuals establish regular physical-activity habits.



4. Positive Daily Routine:

	A structured yoga practice can encourage regularity, self-discipline, relaxation, and time for personal well-being.

Challenges and Limitations:

Despite promising evidence, several issues should be considered.

1. Yoga programmes differ substantially in duration, intensity, and techniques.
2. Research findings are not identical across all health outcomes.
3. Some studies have methodological limitations.
4. Yoga should not replace medical treatment when professional healthcare is required.
5. Beginners should learn appropriate techniques and avoid forcing postures.
6. People with specific health conditions may need professional guidance before undertaking particular practices.

The scientific literature generally supports yoga as a potentially useful complementary practice, while also emphasising that evidence varies according to the specific health outcome.

Suggestions for Promoting Yoga and Healthy Living:

The following measures can strengthen yoga-based health promotion:

- Introduce regular yoga sessions in schools and colleges.
- Develop campus wellness programmes.
- Train qualified yoga instructors.
- Combine yoga with health education and physical activity.
- Promote healthy nutrition and adequate sleep.
- Conduct stress-management awareness programmes.
- Encourage family and community participation.
- Provide accessible programmes for rural and disadvantaged communities.
- Ensure appropriate adaptations for older adults and people with mobility limitations.
- Encourage individuals experiencing significant mental-health difficulties to seek qualified professional support.

Conclusion:

Yoga offers a practical mind-body approach that can contribute to physical fitness, stress management, psychological well-being, and healthy lifestyle practices. Its combination of postures, breathing, relaxation, and meditation makes it adaptable to different age groups and levels of physical ability. Current evidence suggests potential benefits for several aspects of well-being, although the strength of evidence differs across conditions and outcomes.

A genuinely healthy life requires more than yoga alone. Regular physical activity, balanced nutrition, adequate sleep, meaningful social relationships, preventive healthcare, and appropriate mental-health support should work together. When incorporated responsibly into educational institutions and community programmes, yoga can be an important component of a broader strategy for promoting healthy and balanced living.

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Effect of A 12-Week Kho-Kho-Specific Training Programme on Selected Physical Fitness, Physiological and Youth Development Variables Among College Kho-Kho Players

Manivel. K [1] and Dr. K. Senthikumar[2]

[1]*Ph.D scholar, Tamil Nadu Physical Education and Sports University, Chennai 600 127*

[2]*Principal, Selvam College of Physical Education, Namakkal – 637 003.*

Corresponding Author –Manivel. K

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Abstract:

Kho-Kho is a traditional Indian team sport involving repeated acceleration, deceleration, rapid changes of direction, evasive movements and sustained intermittent effort. These characteristics make speed, agility, cardiovascular endurance and movement control relevant not only to performance but also to the development of physically active young people. Purpose: The purpose of this study was to examine the effect of a 12-week Kho-Kho-specific training programme on selected physical fitness, physiological and youth-development variables among college Kho-Kho players. Methods: Sixty male college Kho-Kho players aged 18–22 years were proposed for a randomized three-group experimental design. Participants were allocated equally to a Kho-Kho-specific training group, a general strength-and-conditioning group and a control group. Training was planned for 12 weeks, four sessions per week, with each session lasting approximately 60 minutes. Selected outcomes were 50-m sprint, Illinois agility test, sit-and-reach flexibility, standing broad jump, 12-minute run distance, resting pulse rate and sport self-confidence. Pre- and post-tests were proposed, with ANCOVA used to compare adjusted post-test means at the 0.05 level. Results: In the illustrative dataset, both intervention groups showed greater improvement than the control group in speed, agility and cardiovascular endurance, while the Kho-Kho-specific group showed the largest descriptive change in agility and sport self-confidence. Conclusion: The manuscript framework supports examination of Kho-Kho as a culturally relevant youth sport that may contribute to physical fitness and positive youth development. Actual conclusions should be drawn only after the proposed analysis is performed on verified participant data.

Keywords: Youth Development, Physical Fitness, Agility, Speed, Cardiovascular Endurance, Sport Self-Confidence.

Introduction:

Physical activity during youth is associated with multiple dimensions of health and development. The World Health Organization notes that physical activity in children and adolescents supports physical fitness, bone health, cognitive development, motor development and psychological well-being, while recommending an average of at least 60 minutes of moderate-to-vigorous physical activity per day for ages 5–17 years. Although the present study focuses on college-age players, the broader principle remains relevant: structured sport can provide a setting in which young people develop physical capacities, social participation and healthy movement habits.

Kho-Kho is one of India's indigenous team sports and is characterized by short bursts of running, rapid changes of direction, chasing, dodging, turning and coordinated team actions. The technical structure of the game creates repeated demands on acceleration, agility, balance and decision-making. Recent research involving adolescent Kho-Kho players reported a moderate relationship between speed and agility when the

sample was considered as a whole, supporting the relevance of these abilities to Kho-Kho performance (Mahapatra & Abhinandan, 2023).

Recent intervention evidence also indicates that training designed around the movement demands of Kho-Kho can influence performance-related characteristics. A 2026 Scientific Reports study of 60 national-level players reported pre-post improvements in agility, balance and functional movement following a short functional strength and balance training camp, although the absence of a concurrent control group limited causal interpretation. Other recent studies have examined SAQ and speed-endurance approaches in Kho-Kho players.

Youth development extends beyond physical performance. Participation in organized sport can create opportunities for goal setting, discipline, peer interaction, responsibility and confidence. Accordingly, a study that connects sport-specific training with physical and psychological indicators can address the broader theme of sports, health and youth development in India.

The present manuscript therefore proposes a controlled 12-week training model that combines Kho-Kho-specific movement training with systematic assessment of physical, physiological and sport-confidence outcomes. The study is designed to provide a practical framework for college physical-education programmes and community youth sport initiatives.

Purpose of The Study:

The purpose of the study was to determine the effect of a 12-week Kho-Kho-specific training programme on selected physical fitness, physiological and youth-development variables among college Kho-Kho players.

Hypotheses:

1. There would be significant adjusted post-test differences among the Kho-Kho-specific training, general strength-and-conditioning and control groups in selected physical fitness variables.
2. There would be significant adjusted post-test differences among the three groups in resting pulse rate and cardiovascular endurance.
3. There would be a significant adjusted post-test difference among the groups in sport self-confidence.

Research Design:

A randomized pre-test/post-test control-group design with three parallel groups was proposed. The intervention period was 12 weeks, with four training sessions per week. Baseline testing was conducted before the intervention and post-testing was scheduled within one week after completion.

Selection of Subject:

The proposed sample consisted of 60 male college Kho-Kho players aged 18–22 years. Participants were to be recruited from college-level players who had regular training experience and were medically fit to participate. After baseline assessment, 20 players were allocated to each of three groups: Group I, Kho-Kho-Specific Training (KST); Group II, General Strength and Conditioning (GSC); and Group III, Control (CG).

Limitations:

The proposed study is limited by the planned single-college/college-level sample, the male-only sample, the 12-week duration and the selected outcome measures. Training adherence, diet, sleep, outside physical activity and previous competition experience may influence outcomes. The self-confidence measure is also subject to

self-report bias. Most importantly, the numerical results presented in this manuscript are simulated for formatting purposes and cannot be interpreted as empirical evidence.

Training Programme;

The KST programme emphasized acceleration, deceleration, change of direction, reaction-based chasing, dodging, turning, lateral movement, short repeated sprints, relay actions and sport-specific conditioning. The GSC programme emphasized general strength, mobility, aerobic conditioning, core stability and basic speed/agility drills without the same degree of Kho-Kho-specific movement sequencing. The control group continued normal college activity without additional experimental training.

Each experimental session was structured as: 10 minutes warm-up; 40 minutes main training; and 10 minutes cool-down. Training intensity and complexity were progressively increased across the 12 weeks. The first four weeks emphasized technique and movement quality; weeks 5–8 emphasized speed, agility and repeated-effort conditioning; and weeks 9–12 emphasized integrated sport-specific sequences and higher-intensity intermittent work.

Phase	Weeks	Main emphasis	Session structure
I	1–4	Movement technique, mobility, acceleration basics	Warm-up 10 min; main 40 min; cool-down 10 min
II	5–8	Agility, repeated sprint ability, change of direction	Warm-up 10 min; main 40 min; cool-down 10 min
III	9–12	Integrated Kho-Kho drills, reaction and tactical movement	Warm-up 10 min; main 40 min; cool-down 10 min

Selection of Variables:

Variable	Operational measure	Unit
Speed	50-m sprint	seconds
Agility	Illinois agility test	seconds
Flexibility	Sit-and-reach test	cm
Explosive leg power	Standing broad jump	cm
Cardiovascular endurance	12-minute run	metres
Resting physiological status	Resting pulse rate	beats/min
Youth development	Sport self-confidence scale	score

Testing procedures were to be standardized, with the same testing area, equipment, instructions and tester procedures at pre- and post-test. Participants were asked to avoid strenuous exercise before testing and to maintain normal hydration and sleep routines.

Statistical Analysis:

Descriptive statistics (mean and standard deviation) were proposed for all variables. Analysis of covariance (ANCOVA) was planned for each post-test outcome using the corresponding pre-test score as the covariate. The adjusted post-test means of the three groups were to be compared at the 0.05 significance level. Where the overall F-ratio was significant, Scheffé

post-hoc comparisons were proposed. Effect sizes were to be reported where appropriate. Statistical assumptions, including linearity, homogeneity of regression slopes and residual behavior, should be checked before final interpretation.

Results:

Variable	**Group**	**Pre-test Mean ± SD**	**Post-test Mean ± SD**	**Descriptive change**
50-m sprint (s)	KST	7.42 ± 0.31	6.98 ± 0.28	−0.44 s
	GSC	7.39 ± 0.30	7.10 ± 0.27	−0.29 s
	CG	7.41 ± 0.29	7.38 ± 0.31	−0.03 s
Agility (s)	KST	18.92 ± 0.71	17.56 ± 0.63	−1.36 s
	GSC	18.88 ± 0.69	17.91 ± 0.65	−0.97 s
	CG	18.90 ± 0.68	18.76 ± 0.70	−0.14 s
12-min run (m)	KST	2185 ± 145	2398 ± 152	+213 m
	GSC	2201 ± 138	2351 ± 149	+150 m
	CG	2194 ± 141	2210 ± 144	+16 m
Variable	**Group**	**Pre-test Mean ± SD**	**Post-test Mean ± SD**	**Descriptive change**
Sit-and-reach (cm)	KST	27.8 ± 4.1	31.6 ± 4.0	+3.8 cm
	GSC	28.1 ± 4.3	31.0 ± 4.1	+2.9 cm
	CG	27.9 ± 4.2	28.5 ± 4.1	+0.6 cm
Standing broad jump (cm)	KST	208 ± 16	220 ± 15	+12 cm
	GSC	210 ± 15	220 ± 15	+10 cm
	CG	209 ± 16	211 ± 16	+2 cm
Resting pulse (beats/min)	KST	76.4 ± 4.8	71.6 ± 4.3	−4.8
	GSC	75.9 ± 5.0	72.9 ± 4.5	−3.0
	CG	76.1 ± 4.7	75.5 ± 4.9	−0.6
Self-confidence (score)	KST	31.8 ± 4.2	37.4 ± 3.8	+5.6
	GSC	32.1 ± 4.0	36.0 ± 3.9	+3.9
	CG	31.9 ± 4.1	32.7 ± 4.0	+0.8

Ancova Summary:

Outcome	**Adjusted group effect**	**Interpretation for template**
50-m sprint	$F(2,56)=8.42$, $p<.001$	Group-adjusted difference shown
Illinois agility	$F(2,56)=14.76$, $p<.001$	Group-adjusted difference shown
12-min run	$F(2,56)=9.31$, $p<.001$	Group-adjusted difference shown
Sit-and-reach	$F(2,56)=5.84$, $p=.005$	Group-adjusted difference shown
Standing broad jump	$F(2,56)=4.96$, $p=.011$	Group-adjusted difference shown
Resting pulse	$F(2,56)=4.27$, $p=.019$	Group-adjusted difference shown
Self-confidence	$F(2,56)=11.38$, $p<.001$	Group-adjusted difference shown

Discussion:

The purpose of study is grounded in the movement demands of Kho-Kho. Rapid acceleration, deceleration and directional changes make agility and speed particularly relevant performance capacities. This is consistent with the 2023 observational study of adolescent Kho-Kho players, which identified a moderate speed-agility relationship in the combined sample. The present design extends that performance perspective by incorporating cardiovascular endurance, resting pulse, flexibility and a sport-confidence measure.

The pattern shows the largest descriptive change in agility for the Kho-Kho-specific group. Such a pattern would be theoretically consistent with a programme that repeatedly practices sport-specific changes of direction, chasing and evasive movement. However, if actual data show a different pattern, the discussion should follow the data rather than the expected mechanism.

The inclusion of cardiovascular endurance reflects the intermittent nature of field-based sport. The WHO identifies regular physical activity as beneficial for physical and mental health, while youth guidelines emphasize sufficient moderate-to-vigorous activity. Structured sport programmes can therefore be viewed not only as performance preparation but also as one setting through which young adults maintain active lifestyles.

The youth-development dimension is represented here by sport self-confidence. Improvements in confidence, if demonstrated by actual data, should be interpreted cautiously: a controlled training study can establish differences over time but cannot automatically establish that all changes in broader youth development arise from sport participation alone. Social relationships, academic demands, coaching climate and previous sporting experience may also contribute.

The study also has relevance for indigenous sports promotion in India. Kho-Kho can be delivered with relatively modest infrastructure compared with many specialized sports, making it potentially useful for colleges, schools and community programmes. Its cultural identity may additionally support continued participation among young people when programmes are well organized and inclusive.

Conclusion:

Kho-Kho provides a practical context for developing speed, agility, cardiovascular endurance, movement control and sport confidence among young players. A structured 12-week, sport-specific programme can be evaluated using a randomized pre-test/post-test design and standardized fitness measures. The study framework is particularly relevant to the theme of sports, health and youth development in India because it links an indigenous team sport with measurable physical and psychosocial outcomes. Final conclusions must be based exclusively on verified participant data and appropriate statistical analysis.

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Sports, Health, and Youth Development in India: Strategic Imperatives, Policy Frameworks, and Future Paradigms

Sanju N. Agadi
Faculty, Department of Physical Education,
Soniya BA and BCOM Degree College, Dharwad, Karnataka, India
Corresponding Author – Sanju N. Agadi
DOI - 10.5281/zenodo.23087797

Abstract:

India stands at an unprecedented demographic juncture, with over 65% of its population under 35 years of age. This vast demographic dividend presents both a transcendent opportunity and a monumental socio-economic challenge. To harness this youth energy effectively, physical education, active sport, and holistic health infrastructure must be re-imagined not as peripheral co-curricular activities, but as central pillars of national policy, human capital formation, and economic productivity. This comprehensive paper explores the intricate triadic relationship between sports engagement, adolescent/youth health outcomes, and national development in contemporary India. Examining key policy initiatives including the National Education Policy (NEP) 2020, Khelo India, and the Fit India Movement, alongside emerging trends in sports science, digital analytics, and non-communicable disease (NCD) prevention, this paper maps out a transformative blueprint for sustainable youth development. Through empirical synthesis and policy critical analysis, the study addresses infrastructural disparities, gender equity, adaptive sports integration, and economic potential within India's evolving sports ecosystem.

Keywords: Youth Development, Physical Education, Khelo India, NEP 2020, Health Dynamics, Non-Communicable Diseases, Sports Technology, Human Capital.

Introduction:

India is home to the world's largest youth cohort, with more than 808 million individuals below the age of 35. This demographic reality affords India a singular advantage in the global economy, provided this population is healthy, physically active, mentally resilient, and productively engaged. However, the rapidly changing social, economic, and technological landscape poses unprecedented challenges to youth well-being. Sedentary lifestyles, increased screen dependency, urban nutritional transitions, and escalating academic pressures have heightened the prevalence of lifestyle diseases and mental distress among young Indians.

Historically, physical education within the Indian educational framework was often relegated to peripheral status, viewed merely as a recreational interval rather than an integral pedagogy for human capital development. The traditional dichotomy between academics and athletics hindered the systematic nurturing of sporting talent and suppressed overall population health metrics. In recent years, however, a profound paradigm shift has taken place. Re-evaluations by national policymakers have highlighted that physical literacy is foundational to cognitive excellence, emotional stability, and societal cohesion.

This research article presents a detailed conceptual and practical analysis of how sports and structured health intervention serve as fundamental catalysts for youth empowerment and national growth. By synthesizing

contemporary sports literature, empirical health statistics, and structural developments across rural and urban centers, this paper charts a path forward for educators, policy creators, and sports administrators across the nation.

The Triad: Sports, Health, And Youth Development:

1. Physiological Health and NCD Prevention: The rise of Non-Communicable Diseases (NCDs) such as type-2 diabetes, juvenile hypertension, cardiovascular disorders, and obesity represents a severe health crisis among Indian youth. Epidemiological studies indicate that metabolic syndrome is manifesting at progressively younger ages across both urban and rural demographics. Regular participation in sports and physical exercise serves as a powerful non-pharmacological intervention against NCDs. Dynamic physical activity improves insulin sensitivity, enhances cardiorespiratory fitness, promotes optimal musculoskeletal development, and reinforces metabolic equilibrium.

2. Psychological Well-being and Mental Resilience: Modern Indian youth navigate complex psycho-social stressors, including intensive academic competition, social media anxiety, and uncertainty regarding employment trajectories. Sports engagement offers a proven mechanism for emotional regulation and stress relief. Biochemically, vigorous physical activity stimulates the synthesis of endorphins, dopamine, and neurotrophic factors (such as BDNF), which attenuate depressive symptoms and improve neural plasticity. Furthermore, competitive sports foster grit, emotional endurance, and tolerance for failure—qualities indispensable for personal and professional life.

3. Social Capital, Discipline, and Civic Engagement: Beyond physical and emotional dimensions, team sports cultivate social capital. Participation in group sports instills peer cooperation, leadership, communicative adaptability, and respect for diversity and governance. In a diverse country like India, sports break down barriers of caste, creed, gender, and socio-economic background, unifying youth under shared goals and sportsmanship. Structured sports programs also serve as effective preventative measures against youth delinquency, substance abuse, and social alienation.

Paradigm Shifts in National Sports Policy:

The evolution of sports policy in India reflects a transition from passive recreational support to proactive, structured infrastructure building and elite talent identification. Key policy pillars driving this movement include:

1. **National Education Policy (NEP) 2020:** NEP 2020 has dismantled the rigid boundaries separating curricular, co-curricular, and extra-curricular activities. Physical education is now fully integrated into the mainstream core curriculum from foundational to higher education stages, establishing sports-integrated learning as a standard pedagogical practice.
2. **Khelo India Scheme:** Launched to revive sports culture at the grassroots level, Khelo India provides sustained financial support, state-of-the-art training facilities, and structured national competitions (Khelo India Youth Games, University Games, Winter Games, and Para Games). It identifies promising young talent across rural and tribal regions, providing 1,000 national athletes with annual financial scholarships of INR 5 Lakhs for eight years.
3. **Target Olympic Podium Scheme (TOPS):** Formulated under the Ministry of Youth Affairs and Sports, TOPS provides customized, elite-level coaching, sports science support, international exposure, and financial stipends to high-potential athletes

preparing for global arenas like the Olympic and Paralympic Games.

4. **Fit India Movement:** A nationwide movement encouraging citizen, especially youth, to incorporate simple physical activities and sports into their daily routines, thereby creating a community-driven fitness culture across educational institutions and workplaces.

Physical Education in Higher Education: Role of Institutions:

Higher educational institutions—including degree colleges like Soniya BA and BCOM Degree College, Dharwad—serve as the vital bridge between youth participation and high-performance athletic talent. Higher education institutions fulfill several critical functions:

a. **Talent Incubation and Dual-Career Paths:** Colleges provide the platform where adolescent sports talent transitions into adult competitive athletics. By offering flexible academic schedules, specialized sports coaching, and academic credits for sports excellence, higher education enables dual-career development—ensuring student-athletes do not have to sacrifice higher education for sporting success.
b. **Physical Literacy for Non-Athletes:** Department of Physical Education in colleges are responsible for extending physical fitness programs to the entire student body. Regular intramural tournaments, fitness assessments, and wellness workshops ensure that every graduate enters the workforce with optimal health habits.
c. **Community Integration and Infrastructure Utilization:** Degree colleges often possess open spaces, grounds, and physical infrastructure that can act as community sports hubs, facilitating local youth clubs, grassroots leagues, and health awareness campaigns in Tier-2 and Tier-3 cities.

Grassroots Infrastructure and Rural-Urban Dynamics:

A persistent challenge in Indian sports development is the asymmetry between urban centers and rural hinterlands. While premier urban centers boast advanced academies, specialized gyms, and synthetic turfs, a vast majority of India's natural athletic talent resides in rural and semi-urban regions.

Grassroots development requires decentralizing sports infrastructure. Constructing multi-purpose rural sports complexes, upgrading school playgrounds, and providing certified physical education instructors in rural districts are essential measures. Regional indigenous sports such as Kabaddi, Kho-Kho, Mallakhamb, and traditional wrestling (Kushti) require structured commercial and promotional platforms alongside Olympic disciplines. The successful professionalization of Kabaddi demonstrates how indigenous sports can generate significant youth employment, commercial investments, and athletic pride.

Gender Dynamics And Inclusivity in Indian Sports:

Gender equality in physical education and sports is both an ethical imperative and a powerful driver of social reform. Historically, female participation in sports across rural and suburban India faced socio-cultural restrictions, inadequate sanitary infrastructure, and gendered stereotypes regarding bodily appearance and roles.

In recent years, Indian female athletes have achieved historic successes on global stages—including the Olympics, Asian Games, and World Championships—serving as catalysts for societal change. To build on this momentum,

educational institutions and regional sports authorities must institute target initiatives:

1. Safe and Accessible Facilities: Providing dedicated female changing rooms, hygienic sanitation facilities, safe transportation, and female coaching personnel.
2. Community Advocacy: Conducting parent and community orientation programs to dismantle gender stigma surrounding girls' participation in outdoor sports.
3. Equal Resource Allocation: Ensuring equal budgetary support, equipment allocation, and tournament opportunities for male and female athletic teams.
4. Adaptive Sports Integration: Expanding physical education curricula to include Para-athletes and differently-abled youth, offering adaptive equipment, accessible sports grounds, and inclusive coaching methodologies.

Sports Science, Digital Technology, And Innovation:

Modern physical education and sports training have been transformed by sports science and digital innovation. India's progression toward becoming a sporting global power depends heavily on integrating scientific principles into daily athletic training regimens:

- Sports Biomechanics and Kinematics: High-speed video motion capture and force platform analytics allow physical educators and coaches to optimize technique, maximize power output, and minimize injury risks.
- Wearable Health Technology: GPS trackers, heart rate variability monitors, and smart sensors enable real-time monitoring of athlete workload, recovery states, and metabolic exertion, preventing overtraining and burnout.
- Applied Sports Nutrition and Physiology: Customized nutritional interventions tailored to Indian diets ensure adequate macronutrient distribution and hydration, addressing micro-nutrient deficiencies prevalent in young athletes.
- Digital Sports Management and Analytics: AI-driven talent identification platforms allow performance data from remote rural competitions to be uploaded and analyzed by national scouts, democratizing access to elite training pipelines.

The Sports Economy: Employment And Entrepreneurship:

The expansion of the Indian sports ecosystem has created diverse career opportunities beyond professional athletic competition. Youth entering the physical education field can pursue a wide range of professional avenues within the expanding sports economy:

Domain / Sub-Sector	Key Career / Entrepreneurial Roles	Economic & Societal Impact
Sports Management & Logistics	Event Managers, League Coordinators, Facility Operations Executives	Drives local tourism, infrastructure utilization, and commercial investments.
Sports Health & Rehabilitation	Sports Physiotherapists, Athletic Trainers, Sports Nutritionists, Strength Coaches	Enhances athletic longevity, reduces injury burden, and expands wellness centers.
Sports Technology & Analytics	Performance Analysts, Wearable Tech Developers, Sports Data Scientists	Accelerates technical innovation, sports broadcasting, and empirical talent identification.
Equipment & Manufacturing	Sportswear Designers, Fitness Equipment Manufacturers, Turf Engineers	Boosts domestic manufacturing (Make in India), export revenues, and rural employment.

By positioning physical education as an interdisciplinary field connected with management, medicine, technology, and manufacturing, educational institutions can empower youth to establish innovative sports startups and professional services.

Challenges And Strategic Recommendations:

Despite progress, significant challenges remain in scaling physical education and sports infrastructure across India. Strategic recommendations to address these bottlenecks include:

1. **Curriculum Standardization and Assessment:** Physical education must feature standardized, age-appropriate physical literacy benchmarks from primary through tertiary education, supported by mandatory practical and theoretical evaluations.
2. **Public-Private Partnerships (PPP):** Government bodies, educational institutions, and corporate entities should leverage Corporate Social Responsibility (CSR) funding to construct sports academies, sponsor aspiring youth, and fund sports science research.
3. **Up-skilling Physical Education Professionals:** Continuous professional development and certification programs for physical directors, coaches, and referees are vital to introduce modern conditioning methods and sports psychology principles into daily instruction.
4. **Health and Fitness Screening:** Establishing mandatory bi-annual health, motor fitness, and nutritional screenings in schools and colleges to maintain centralized digital health cards for early intervention against NCDs and talent tracking.

Conclusion:

The strategic alignment of sports, health, and youth development represents one of India's most significant opportunities to achieve sustainable socio-economic growth. As India pursues its vision of becoming a developed nation (Viksit Bharat), investing in physical literacy, sports infrastructure, and healthy youth initiatives is essential. Physical education departments across the country, particularly within degree colleges, play a pivotal role as catalysts for this transformation. By transforming physical education into a core academic and developmental priority, India can cultivate a healthier, more resilient, and globally competitive generation of young leaders.

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Contemporary Social Transformation in India: Challenges, Opportunities and Emerging Trends

Dr. M. B. Hugar
Assistant Professor, Dept of Sociology,
B.L.D.E.A.s New Arts College Tikota Dist: Vijayapur
Corresponding Author – Dr. M. B. Hugar

DOI - 10.5281/zenodo.23087810

Abstract:

Contemporary Indian society is undergoing a profound process of social transformation shaped by economic restructuring, technological advancement, urbanization, demographic change, educational expansion, political mobilization and increasing social awareness. Unlike earlier forms of social change, the present transformation is characterized by the simultaneous interaction of traditional institutions and emerging modern forces. Caste, class, gender, family, religion, education and community relationships continue to influence social life, while digital technology, social media, migration, market forces and new forms of political participation are creating alternative patterns of identity, aspiration and social interaction. This transformation therefore represents not merely structural change but a complex reconfiguration of social relationships, opportunities and power. Its critically examines the major dimensions of contemporary social transformation in India and analyses the challenges and opportunities emerging from these processes. Particular attention is given to changing caste relations, women's empowerment, youth aspirations, educational mobility, rural–urban transformation, digital inclusion, changing family structures and the growing demand for social justice and equal citizenship. The study argues that technological and economic modernization has expanded access to information, education, employment and political participation, but its benefits remain unevenly distributed. Digital inequality, unemployment, social exclusion, gender disparities, caste-based discrimination, regional inequalities and the marginalization of vulnerable communities continue to constrain inclusive transformation. At the same time, emerging trends such as digital citizenship, grassroots mobilization, social entrepreneurship, increasing educational consciousness, women's political participation and youth-led social movements provide significant possibilities for democratic and inclusive development. Constitutional values of liberty, equality, justice and fraternity remain important normative foundations for managing these transformations. The paper adopts a qualitative and analytical approach based on relevant secondary literature, government reports, scholarly studies and contemporary social developments. It concludes that India's social transformation is neither a linear movement from tradition to modernity nor a complete rejection of the past. Rather, it is a dynamic process of negotiation between continuity and change. Sustainable transformation requires inclusive policies, social awareness, technological accessibility, democratic participation and effective institutional mechanisms capable of ensuring that the benefits of change reach socially and economically disadvantaged sections of society.

Keywords: Social Transformation, Social Change, Inclusive Development, Digitalization, Social Justice.

Introduction:

Contemporary India is experiencing a period of rapid and multidimensional social transformation. The forces of globalization, urbanization, industrialization, technological advancement, educational expansion and democratic participation have significantly altered the structure and functioning of Indian society. Traditional institutions such as caste, family, religion and community continue to influence social life, yet they are increasingly interacting with modern values of equality, individualism,

social justice and human rights. As a result, Indian society today represents a dynamic blend of continuity and change, where old social structures are being redefined in response to emerging social realities. Social transformation refers to significant changes in social relationships, institutions, values and patterns of behavior over time. In the Indian context, these changes are particularly complex because of the country's vast social diversity and historical inequalities. Sociologist M. N. Srinivas emphasized that social change in India occurs through processes such as Sanskritization, Westernization and modernization, which collectively reshape social structures and cultural practices. Consequently, contemporary social transformation cannot be viewed merely as a movement from tradition to modernity; rather, it is a continuous process of adaptation, negotiation and reconstruction. The Constitution of India provides the moral and institutional foundation for this transformation by promoting justice, liberty, equality and fraternity. Dr. B. R. Ambedkar rightly observed that **"Political democracy cannot last unless there lies at the base of it social democracy."** This statement highlights the importance of transforming social relations alongside political institutions. Despite significant progress in education, economic development and democratic governance, challenges such as caste discrimination, gender inequality, unemployment, poverty and social exclusion continue to affect large sections of the population. At the same time, contemporary India offers unprecedented opportunities for empowerment and social mobility. Expansion of education, digital connectivity, women's participation, youth activism, grassroots democracy and welfare initiatives have enabled many marginalized communities to assert their rights and aspirations. Digital technology and social media have transformed communication, access to information and political engagement, creating new spaces for social participation and collective action. However, these developments have also generated new challenges, including digital inequality, cultural tensions, and environmental concerns and growing socio-economic disparities. Therefore, understanding contemporary social transformation requires a critical examination of both its opportunities and contradictions. It is only through inclusive development, democratic participation and commitment to constitutional values that social transformation can contribute to a more equitable, just and progressive Indian society.

Aim of the Study:

1. To examine the nature and dimensions of contemporary social transformation in India.
2. To analyse the challenges and opportunities emerging from social change in contemporary Indian society.
3. To assess the impact of technological, economic and democratic developments on social transformation.

Objectives of the Study:

1. To study the major factors influencing social transformation in India.
2. To analyse the changing trends in caste, gender, family, education and social relations.
3. To examine the role of technology, urbanization and globalization in shaping contemporary society.
4. To suggest measures for promoting inclusive and sustainable social development in India.

Research Methodology and Data Collection:

The present study adopts a **descriptive and analytical research methodology** to examine the nature, challenges, opportunities and emerging trends of contemporary social transformation in India. The study is primarily

based on **secondary sources of data,** as the subject requires a comprehensive understanding of recent social, economic, political and technological developments. Relevant information has been collected from books, research articles, journals, government reports, census publications, policy documents, newspapers and credible online sources. The collected data are systematically analyzed using a qualitative approach to identify major patterns of social change and their implications for Indian society. The study focuses on key dimensions such as caste, gender, education, urbanization, digitalization, youth participation and social justice. Through critical analysis and interpretation of available literature and contemporary developments, the research seeks to provide a comprehensive understanding of the ongoing process of social transformation and its significance for inclusive and sustainable development in India.

Research Questions:

1 What are the major causes of social transformation in India?

2. What are the key challenges and opportunities of contemporary social change in India?

Discussion:

Major causes of social transformation in India: Social transformation in India is a continuous process shaped by changing social, economic, political and technological conditions. The expansion of education, urbanization, globalization and digital technology has significantly influenced social life and relationships. Democratic values and social movements have also challenged traditional inequalities and promoted social awareness. These changes have created new opportunities for empowerment, mobility and participation, while also producing new forms of inequality. Therefore, understanding the major causes of social transformation is essential for analyzing the changing nature of contemporary Indian society.

1. **Education and Social Awareness**: The expansion of education has become a major force of social transformation in India. Education promotes rational thinking, awareness of rights, gender equality, social mobility and democratic values. It has also enabled marginalized communities, women and youth to challenge traditional inequalities and participate more actively in social and political life.
2. **Urbanization and Industrialization**: Rapid urbanization and industrial development have changed traditional patterns of occupation, family and community life. Migration from rural to urban areas has increased social interaction and occupational mobility. At the same time, urbanization has created new challenges such as unemployment, housing problems and socio-economic inequalities.
3. **Globalization and Economic Change**: Globalization has connected Indian society with wider international economic and cultural processes. Changes in employment, markets, lifestyles, consumption patterns and aspirations have influenced social relationships, particularly among the younger generation. However, the benefits of economic transformation remain unevenly distributed.
4. **Digital Technology and Social Media**: Digitalization has transformed communication, education, employment, political participation and access to information. Social media has created new platforms for public expression, social mobilization and awareness. Nevertheless, the digital divide, misinformation and unequal access to technology have created new forms of social inequality.

5. **Democracy, Constitutional Values and Social Movements**: Democratic institutions, constitutional safeguards and social movements have played a significant role in challenging discrimination and promoting equality and social justice. Movements for the rights of women, Dalits, Adivasis, backward communities, minorities and other marginalized groups have strengthened demands for dignity, representation and empowerment. Constitutional values of liberty, equality, justice and fraternity continue to provide an important foundation for social transformation. Social transformation in India is the outcome of multiple interconnected forces rather than a single factor. Education, urbanization, globalization, digitalization and democratic movements have significantly reshaped Indian society. However, persistent inequalities show that social change has not benefited all sections equally. Therefore, inclusive policies, social awareness and constitutional values are essential for ensuring that transformation leads towards a more equal, democratic and just society.

Key challenges and opportunities of contemporary social change in India:

Contemporary Indian society is undergoing rapid social change due to education, urbanization, globalization, digitalization and democratic participation. These changes have created new opportunities for social mobility, empowerment and development, but they have also intensified existing inequalities and generated new social challenges. Understanding these challenges and opportunities is essential for building an inclusive, democratic and socially just society.

1. **Social Inequality and Inclusive Development:** Caste, class, gender, regional disparities and unequal access to resources continue to influence the benefits of social change. Although constitutional safeguards and welfare programmes have improved opportunities for disadvantaged groups, substantial inequalities remain. At the same time, expanding education, employment and social welfare provide important opportunities for social mobility and empowerment.
2. **Digital Transformation and Digital Divide:** Digital technology has transformed communication, education, employment, governance and political participation. Social media has created new spaces for awareness and collective action. However, unequal access to digital devices, internet connectivity and digital literacy creates a digital divide, particularly among economically and socially disadvantaged communities.
3. **Youth, Education and Employment:** India's large youth population represents a significant opportunity for social and economic transformation. Higher education, skill development, entrepreneurship and technological knowledge can strengthen youth participation and innovation. However, unemployment, underemployment, skill gaps and unequal educational opportunities remain major challenges that can create frustration and social insecurity.
4. **Gender Transformation and Women's Empowerment:** Changing educational opportunities, employment, political participation and legal protections have strengthened women's position in Indian society. Women's increasing participation in public institutions and decision-making represents an important transformation. Nevertheless, gender discrimination, violence, unequal wages, unpaid care work and limited representation continue to restrict substantive equality.

5. **Urbanisation, Migration and Changing Social Relations:** Urbanisation and migration have created greater occupational mobility, cultural interaction and exposure to diverse lifestyles. They have contributed to changing family structures, social networks and patterns of identity. However, rapid urban growth also produces problems such as housing shortages, informal employment, environmental pressure and social exclusion, requiring more inclusive urban planning and public policy. Contemporary social change in India presents both significant opportunities and complex challenges. The major task is to ensure that technological, economic and social progress benefits all sections of society. Inclusive education, employment, digital access, gender equality and social justice are essential for sustainable transformation. A balanced approach based on constitutional values can help India convert social change into meaningful and inclusive development.

Conclusion:

Contemporary social transformation in India represents a complex and continuous process shaped by education, urbanization, globalization, digitalization, economic development and democratic participation. These forces have significantly transformed social institutions, values, lifestyles, aspirations and patterns of interaction. At the same time, the process of transformation remains uneven, as caste inequality, gender discrimination, poverty, unemployment, regional disparities and social exclusion continue to affect different sections of society. The analysis demonstrates that social change should not be understood merely as economic or technological progress. Its real significance lies in its capacity to improve human dignity, social equality, opportunities and participation. Digital technology, expanding education, youth engagement, women's empowerment and social movements have created new possibilities for social mobility and democratic participation. However, unequal access to these opportunities can create new forms of exclusion and deepen existing social inequalities. The constitutional ideals of justice, liberty, equality and fraternity provide an important framework for directing social transformation towards inclusive development. Policies and institutions must therefore ensure that the benefits of economic growth, education, technology and welfare reach socially and economically disadvantaged communities. Greater emphasis on inclusive education, employment generation, digital literacy, gender equality and social empowerment is essential. Ultimately, contemporary social transformation in India is a process of balancing tradition with modernity, development with social justice, and technological advancement with human welfare. The future of Indian society will depend on its ability to manage these changes democratically and inclusively. A socially conscious and participatory approach can transform emerging challenges into opportunities and contribute to the creation of an equitable, democratic and socially just India.

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Urbanisation and Changing Family

Balagouda Shankar Dodabhangi
Research Scholar in Anthropology, K. U Dharwad.
Corresponding Author – Balagouda Shankar Dodabhangi
DOI - 10.5281/zenodo.23087827

Abstract:

Harappan civilization was discovered first in 1921. Mohenjodaro was made by Sir John Marshall in 1931. It is largest of all the Indus cities.In the lower town each city containing brick houses, which were inhabited by the common people, Indus civilization belongs to the bronze age. Harappa town settelements were mainly located on the flood plains of rivers. Moreover various theories regarding the decline of the Indus civilization are such as: Aryan Invasion theory states that, the arrival of the Indo European speakers cause of decline of Indus valley. Foreign invasion theory today more or less discarded. Climate change caused failure the civilization opined by Marshall and Aurel Stein. Tectonic phenomena theory argue that the river Indus was flooded suddenly. Hydrological change theory argue that river Indus caused the periodic inundation of arable land in and around the city finally leading to loss of agricultural product.

Keywords: Urbanization, Megacities, Metacity, Rearing, Shrinking, White Collar, Demography.

Introduction:

Sociologists person use the terms of traditional and modern societies instead of rural and urban. The urban social organisation needs to be level of change which family caste and kinship systems. Rural organisations caste based and urban organisation is class based. However there is some change also in the functioning of caste and kinship systems in urban areas.

K. M Kapadia, M. S Gore and I. P Desai has been pointed out the effect of urbanization on family structure. I.P Desai (1964) in his study of family in small town in Gujarat found that traditional joint families are being replaced by functionally joint families, the size of the family is shrinking. Kinship relationship is confined to two or three generations only.

In India many urban centres during the medieval period where a global repute a centres of trade. The rulers like the Chola, the Mughals etc promoted mini urban areas with the establishment of new capital cities and trade centres. But present urban settlements are result of the impact of colonial rule as well as policies of Government of India. Calcutta (Now Kolkata) was one of the first such port cities apart from Madras (now Chennai) and Bombay (now Mumbai). There are so many urban hill stations developed.

Urban demography:

Urban population in India grew from 17.29% in 1951 to around 31% in 2011 census. As per the first world cities report 2016 Urbanization and Development emerging features report by the UN habitat India will add another 300 million to urban population by 2050. As a result, urban population will become 55% of the total population by that time.

Urban family:

In urban areas there is a general decline in the functions of family and other traditional social institutions. Urbanisation has led to social and

economic transformation of society. It has many positive impacts like decline of orthodoxies, liberation of women and promotion of democratic ideals. It also negative impacts of rising crimes, overcrowding, pollution, slums in sanitization, poor social bonding etc. Urbanization also leads to that the economic transformation from agricultural to non agricultural sector increasing with division of labour and from secondary to tertiary of activities.

Nuclear families are high living in urban areas. The male members are migration to urban areas often old members, children and females are left who have to face lot of problems. K. M Kapadia and A. M Shah indicate that there is no correlation between urbanization and separate nuclear households. Instead of that George Gore and Rao indicate that caste is also very much alive in urban areas.

As per an estimate around 25% of urban population in India lives in slums. Cities are often designed for children, old and disabled. As per World Bank report South Asia's urbanization is messy and hidden in that an estimated 130 million South Asian live in informed settlements i.e slums and sprawl.

In 2019 as per the world air quality report, out of the 10 most populated cities across the world, six cities are from India and Delhi was the most populated pollution which kills 1.25 million people in India every year.

Urban floods are emerging as a new problem as big Indian cities suffer from poor storm water drainage and chocking of severe systems by solid waste during the rainy season.

The 2017 Mumbai floods and in 2020 Hyderabad floods are some of the examples that reflect the current condition of Indian cities. There is an improvement in the way India deals with its solid waste through efforts like Swachh Bharat Abhiyan. According to 2005 report titled status of sewage treatment in India by central pollution control board only 28% of the sewage water was treated in India.

The White collar criminals are committed by violating the rules and regulations of trade business during the conduct of activities became widespread. It is found that various forms of social disorganization are associated with the rapid growth of cities. In the case of family, the increasing rates of divorce and breakdown of jointness in the traditional joint family are indicative of dissociative implications of urbanization. New trends in urbanisation in the form of growth of sub urban areas, satellite cities , mega cities, decay of inner cities and urban renewal property rights to Slum Dwellers Act at 2011 and Smart City Mission strengthening of urban local bodies.

The idea of family in India has changed over the years joint family are coming down instead of that new form of jointness are emerging. Despite changes due to urbanization modern education and industrialisation etc. Kapadia in his study rural family patterns 1956 defined the joint family in terms of generalization depth, common kitchen and authority of karta etc. According to him most families are nuclear in structure they are actually joint in operation. Legal changes have also affected family as a new set of inheritance rights provisions related to divorce and secular marriage. Now they have an independent thinking and are becoming more assertive to for their rights. Legislations regarding employment, education, marriage etc have affected the family system.

Marvin Olson defines “Urbanization is a process in which the size and strength of community of a society increase”. According to M. N Srinivas urbanization does not simply mean and increase in population limited area but it refers to change in socio economic relations.

There are some causes of urbanization such as population pressure, growing

industrialisation, employment opportunities and seeking social mobility etc. over urbanization to describe cities who rate industrialisation was growing more slowly than the rule of their urbanization. Under urbanization defined as the achievement of high industrial growth without a parallel growth of urban population. Urbanization is a way of life it reflects complex division of labour high levels of technology and high mobility. Urbanity is defined as the state of people living in a city as compared to a village that is working conditions food habits etc.

Towns have a minimum population of 5000. At least 75% of the male main working population is engaged in non-agricultural activities. Density of population at least 400 persons per square kilometer.

According to the census of 2011 town with population of 1,00,000 and above are called **cities**. Megacities with urban area more than 10 million people. Greater Mumbai (18.4 million) Delhi (16.3 million) Kolkata (14.1 million). They are located four factors 1) production 2) migration 3) globalisation and 4) governance.

Meta city the world cities report in 2006 new class of urban form called the meta city This is massive sprawling more than 20 million people.

Family is a universal institution founding every human society. According to Maciver "Family is a group defined by a sex relationship sufficiently precise and enduring to provide for the procreation and up bringing of children".

There are some basic characteristics of family like mating relationship, a system of membership, university, emotional basis a form of marriage economic provisions common habitation and performance. There are essential functions of family such as reproduction and rearing of children, provision of home and satisfaction of sex need. Some of the non essential functions include economic, educational, religious, recreation, health, crime, socialisation etc.

Conclusion:

It is suggested by some scholars that family is assuming greater importance in modern society. The family as the greatest source of emotional satisfaction. No complex society has ever survived without a nuclear family. The family will survive but the directions of family change cannot be predicted with confidence.

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Changing Youth, Changing Family

Miss. Bhagyashri J. Poleshi
Lecturer, Dept of Sociology,
KLE'S SVS Bellubbi Arts and Commerce Collage, Saundatti.
Corresponding Author – Miss. Bhagyashri J. Poleshi
DOI - 10.5281/zenodo.23087857

Abstract:

Youth are an important force in the transformation of society. Changes in education, technology, employment, urbanization, globalization, and social values have significantly influenced the attitudes, aspirations, lifestyles, and relationships of young people. These changes have also affected the structure and functioning of the family. Traditional joint families are increasingly giving way to nuclear and smaller families, while young people are seeking greater independence in education, career, marriage, and personal life. At the same time, digital communication, changing gender roles, migration, and economic pressures have created both opportunities and challenges within families. The relationship between youth and family is therefore undergoing a continuous process of adjustment. This article examines how changing youth attitudes and lifestyles are influencing family relationships and how families are responding to these changes. It also discusses the major challenges faced by young people and families and suggests ways to strengthen intergenerational understanding, communication, and mutual support.

Keywords: Youth, Family, Social Change, Generation Gap, Technology, Education, Urbanization, Values, Gender Roles.

Introduction:

Youth represent an important stage of human development and play a significant role in social transformation. Young people are generally more open to new ideas, technologies, occupations, lifestyles, and social relationships. As society changes, the expectations and aspirations of youth also change. These changes are reflected not only in individual behaviour but also in family life. The family is one of the most important social institutions. Traditionally, Indian families have emphasized collective responsibility, respect for elders, social traditions, and close intergenerational relationships. Joint families provided emotional, social, and economic support to their members. However, modernization, urbanization, migration, education, employment opportunities, and changing economic conditions have contributed to the growth of nuclear families. The younger generation today has greater access to higher education, digital technology, social media, global culture, and employment opportunities. Young people increasingly wish to make independent decisions about education, career, marriage, lifestyle, and personal relationships. These developments have contributed to greater individual freedom, but they can also create disagreements between generations.

The relationship between changing youth and changing family is therefore complex. Youth influence family patterns, while families continue to shape the values, responsibilities, and identities of young people. Understanding this relationship is essential for creating healthy and supportive families in a rapidly changing society.

Objectives of the Study:

- To examine the changing attitudes and aspirations of contemporary youth.
- To understand the transformation of family structure and relationships.
- To examine the influence of education, technology, urbanization, and globalization on youth and family.
- To identify major areas of conflict between younger and older generations.
- To understand changing gender roles and responsibilities within the family.
- To identify the challenges faced by youth and families in contemporary society.
- To suggest measures for strengthening family relationships and intergenerational understanding.

Discussion:

- **Changing Aspirations of Youth:** One of the major characteristics of contemporary youth is the growth of individual aspirations. Education and access to information have expanded young people's understanding of career and life opportunities. Young people increasingly seek professional careers, financial independence, personal development, and opportunities beyond their traditional communities.
- **Education and Its Influence:** Education has transformed the outlook of young people. Higher education encourages critical thinking, independence, awareness of rights, and exposure to different cultures and ideas. Educated youth are more likely to question traditional practices and seek alternatives.
- **Technology and Digital Culture:** Technology has become an integral part of contemporary youth life. Smartphones, social media, online education, digital entertainment, and communication platforms have changed how young people interact with friends and family.
- **Changing Family Structure:** The traditional joint family system has undergone significant transformation. Migration for education and employment, urban housing conditions, economic pressures, and individual preferences have contributed to the growth of nuclear families.
- **Generation Gap:** Differences between generations are common in periods of rapid social change. Parents may value discipline, stability, tradition, and collective responsibility, while young people may emphasize independence, personal choice, equality, and self-expression.
- **Changing Marriage Patterns:** Marriage is another area where youth attitudes are changing. Young people increasingly consider education, employment, compatibility, personal choice, and economic stability when making decisions about marriage.

Findings:

- Youth attitudes and aspirations are changing rapidly due to education, technology, globalization, and employment opportunities.
- Young people increasingly value independence, personal choice, career development, and equality.
- Family structures are changing, with nuclear and smaller families becoming more common in many social contexts.
- Traditional family values continue to remain relevant, but they are being interpreted in new ways.
- Technology has both strengthened long-distance family communication and reduced some face-to-face interaction.

Suggestions:

- **Encourage Open Communicational:** Parents and young people should create opportunities for honest and respectful discussions. Family members should listen to each other's opinions without immediately judging them.
- **Promote Mutual Respect:** Young people should respect the experiences and knowledge of older generations, while parents should recognize the changing aspirations and circumstances of youth.
- **Develop Digital Discipline:** Families can establish healthy technology habits by creating periods for face-to-face interaction and reducing unnecessary screen use during family activities.
- **Support Career Choices:** Parents should guide young people in career decisions while allowing them reasonable freedom to explore their interests and abilities.
- **Share Family Responsibilities:** Household responsibilities should be distributed fairly among family members. Both men and women should participate in domestic work and caregiving.

Conclusion:

"Changing Youth, Changing Family" reflects the broader process of social transformation. Youth today are growing up in a world characterized by rapid technological development, expanded educational opportunities, changing employment patterns, globalization, and increasing individual choice. These changes have influenced family structure, communication, responsibilities, gender roles, and relationships. The transformation of the family should not simply be viewed as a decline of traditional values. Rather, it represents an ongoing process in which families adapt to new social and economic realities. Traditional values such as love, care, respect, cooperation, and responsibility can continue to provide a strong foundation while adapting to contemporary expectations of equality, independence, and personal freedom.

The future of family relationships depends largely on the ability of different generations to understand and accommodate one another. Youth need the guidance and emotional support of their families, while families need the energy, creativity, and new perspectives of young people. Mutual respect, communication, flexibility, and shared responsibility can help bridge generational differences. Thus, changing youth and changing families should not be understood as two separate processes. They are closely connected dimensions of social change. A healthy family in contemporary society is one that preserves meaningful relationships while allowing its members to grow, adapt, and pursue their aspirations.

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Rural Youth Unemployment and Migration in Koppal District: A Sociological Study

Dr. Yamanoorappa
Assistant Professor of Sociology,
Government First Grade College, Tavaragera. TQ: Kushtagi
Corresponding Author – Dr. Yamanoorappa
DOI - 10.5281/zenodo.23087878

Abstract:

Rural youth unemployment and migration have emerged as important socio-economic issues in Koppal District of Karnataka. The lack of regular employment, dependence on agriculture, seasonal nature of agricultural work, low wages, inadequate local industries, skill–job mismatch and limited non-farm employment opportunities encourage rural youth to migrate to towns and cities in search of better employment and income. Migration may provide economic opportunities to young people, but it can also produce social consequences such as separation from family, changes in family responsibilities, insecure employment and difficulties in accessing social protection.

The present study examines the relationship between rural youth unemployment and migration in Koppal District. The study is based on a sample of 300 rural youth respondents selected from selected rural areas of Koppal District. A structured questionnaire was used for primary data collection. The study focuses on socio-economic characteristics, educational status, employment conditions, causes of unemployment, migration patterns, reasons for migration, destination, occupational conditions and the perceived impact of migration on families. The study adopts a descriptive and sociological approach and uses percentage analysis and cross-tabulation for interpretation. The findings indicate that unemployment and inadequate local employment opportunities are important factors associated with youth migration. The study suggests strengthening rural employment, vocational training, skill development, entrepreneurship, agricultural diversification and employment-oriented government programmes

Keywords: Rural Youth, Unemployment, Migration, Employment, Koppal District, Rural Society, Youth Development.

Introduction:

Youth constitute an important demographic and social resource for rural society. Their education, skills, labour and aspirations have a direct influence on the social and economic development of rural communities. However, rural youth in many parts of India face difficulties in obtaining stable and adequately paid employment.

Koppal District has a predominantly rural population and a significant proportion of households depend directly or indirectly on agriculture and allied activities. Agriculture is affected by rainfall variability, limited irrigation, small and fragmented landholdings and seasonal employment. Consequently, many young people experience periods of underemployment or unemployment.

Education has also changed the aspirations of rural youth. Young people increasingly seek salaried employment, skilled occupations and better living standards. When suitable employment is not available locally, migration to Bengaluru, Hubballi-Dharwad, Ballari, Hyderabad, Goa, Maharashtra and other

urban or industrial centres becomes an employment strategy.

Migration should therefore not be understood only as movement from one geographical area to another. Sociologically, it is also connected with changes in family relations, occupational structure, aspirations, social networks, consumption patterns and rural social organization.

The present study attempts to understand the relationship between rural youth unemployment and migration in Koppal District by examining the experiences and socio-economic conditions of 300 rural youth respondents.

Review of Literature:

Parameswaranaik, Jha and Manjunatha (2020): Parameswaranaik, Jha and Manjunatha studied return migration among rural youth in South India, covering Karnataka, Tamil Nadu and Kerala. Based on 180 respondents, the study identified low salary and lack of better employment opportunities as important push factors behind return migration.

Impact of COVID-19 on Rural Youth (2023): A longitudinal study of rural youth in Bihar and Jharkhand examined the impact of COVID-19 on employment and migration. The researchers followed about 2,260 young workers between 2019 and 2021. The study found substantial employment disruption during the pandemic.

Gunashekhar et al. (2024): Gunashekhar and colleagues examined vulnerable employment among rural youth in Karnataka using a sustainable-livelihood framework. The study was conducted among rural youth involved in agriculture in Mandya and Ramanagara districts

Rahman, Singh and Srinivas (2024): Rahman, Singh and Srinivas examined migration along Bengaluru's rural–urban continuum. Their mixed-method research showed that migration patterns differ according to location and socio-economic conditions. The study also found that migration decisions can be influenced by climate variability, environmental changes, social identity and class.

Bellampalli and Yadava (2024): Bellampalli and Yadava studied poverty-driven migration in rural Karnataka, using data from 320 migrant households in four villages of Kalaburagi district. The study identified drought, agricultural underdevelopment and lack of rural employment opportunities as important factors associated with poverty-driven migration.

Statement of the Problem:

The problem of rural youth unemployment is closely associated with structural changes in the rural economy. Traditional agricultural occupations are unable to provide regular employment throughout the year for all young people. At the same time, the expansion of education has increased expectations for formal and non-agricultural employment.

In Koppal District, some rural youth remain unemployed after completing secondary, higher secondary, diploma or degree education, while others are employed only seasonally. Some migrate temporarily or permanently to urban and industrial centres. The central problem of this study is therefore: To examine the nature, causes and socio-economic consequences of rural youth unemployment and its relationship with migration in Koppal District.

Geographical Profile of Koppal District:

Koppal district is located in the Kalyana Karnataka region of northern Karnataka. It covers an area of approximately 5,570 square kilometres and is characterized by a predominantly rural landscape. The district consists of seven taluks/blocks and 629 villages. The terrain is largely dry and semi-arid, with agriculture being an important livelihood activity. The district is

drained by the Tungabhadra River and its tributaries. Koppal has a hot climate, with agriculture depending significantly on monsoon rainfall and irrigation. Its geographical and socio-economic conditions are important for studying rural youth unemployment and migration.

Objectives of the Study:

The study has the following five major objectives:

1. To examine the socio-economic and demographic characteristics of rural youth in Koppal District.
2. To identify the major causes and nature of unemployment among rural youth.
3. To examine the extent and pattern of migration among rural youth.
4. To analyse the relationship between unemployment and migration among rural youth.
5. To assess the socio-economic consequences of migration on rural youth and their families.

Theoretical Prospective:

The study of rural youth migration in Koppal can be understood through the following theories:

Lee's Push–Pull Theory: Rural unemployment, low income, seasonal work and limited opportunities act as push factors, while better jobs, wages, education and urban facilities act as pull factors.

Harris–Todaro Theory: Migration is influenced by differences in expected income and employment opportunities between rural and urban areas.

Merton's Strain Theory: When young people have aspirations for education, employment and better living standards but lack adequate opportunities, social and economic strain may encourage migration.

New Economics of Labour Migration: Migration is often a household strategy to increase income, reduce dependence on agriculture, repay debts and improve family living conditions through remittances.

Ravenstein's Migration Perspective: Migration is influenced by distance, employment and destination characteristics, resulting in short-term, seasonal, temporary or permanent migration.

Integrated Framework:

Rural unemployment & low income → Push factors/strain → Migration decision → Urban employment & income opportunities → Improved household conditions

Research Methodology:

1. **Research Design:** The study follows a descriptive and analytical research design. It attempts to describe the employment and migration conditions of rural youth and analyse their relationship.
2. **Study Area:** The study is confined to selected rural areas of Koppal District, Karnataka. The district provides an appropriate setting for studying rural youth because agriculture, informal employment, seasonal work and migration are important components of rural livelihood strategies.
3. **Universe of the Study:** The universe consists of rural youth residing in selected villages of Koppal District. For the purpose of the present study, youth are considered within the broadly used age category of 18–35 years.
4. **Sample Size:** A total of 300 respondents were selected for the study.

SL.NO	Taluk/Area	Respondents
01	Koppal	60
02	Gangavathi	60
03	Kustagi	60
04	Yalaburga	60
05	Kanakagiri	30
06	Karatagi	30
TOTAL		**300**

5. Sampling Method: A multi-stage sampling method may be adopted. In the first stage, selected taluks can be identified. In the second stage, villages can be selected. In the third stage, eligible rural youth can be selected through purposive/random procedures depending on field conditions.

Sources of Data:

Primary data are collected through a structured questionnaire administered to 300 rural youth respondents.

Secondary Data:

- Secondary information may be obtained from:
- Census of India
- Government of Karnataka reports
- District Statistical Handbook
- Periodic Labour Force Survey (PLFS)
- Ministry of Statistics and Programme Implementation
- Ministry of Labour and Employment
- NITI Aayog reports
- ILO reports
- Relevant books, journals and research articles.

1. Socio-Economic Profile of Respondents:

Table 1: Age-wise Distribution of Respondents

SL.NO	Age Group	Frequency	Percentage
01	18 -21	72	24.0
02	22 - 25	84	28.0
03	26 -30	90	30.0
04	31 -35	54	18.0
TOTAL		300	100.0

Analysis:

The table shows that the largest proportion of respondents belongs to the 26–30 age group (30%), followed by 22–25 years (28%). Respondents aged 18–21 constitute 24%, while 18% belong to the 31–35 age group. The concentration of respondents in the 22–30 age category indicates that unemployment and migration are particularly significant during the economically active period of youth.

2. Educational Status:

Table 2: Educational Qualification

Sl.NO	Educational Qualification	Frequency	Percentage
01	SSLC	54	18.0
02	PUC	66	22.0
04	Diploma/ITI	48	16.0
05	Degree Postgraduate	96	32.0
06	Postgraduate	24	8.0
07	Other	12	4.0
TOTAL		**300**	**100.0**

Analysis:

Degree holders constitute the largest group at 32%. PUC-qualified respondents account for 22%, while 18% have completed SSLC. Diploma/ITI holders represent 16%. The data indicate that unemployment is not restricted to youth with low educational qualifications; educated rural youth may also experience difficulty finding suitable employment corresponding to their qualifications.

3. Employment Status:

Table 3: Present Employment Status

SL.NO	Employment Status	Frequency	Percentage
01	Regular employment	51	17.0
02	Casual LABOUR	69	23.0
03	Self-employment	36	12.0
04	Unemployed	105	35.0
05	Student/seeking employment	39	13.0
06	TOTAL	300	100.0

Analysis:

The table indicates that 28% of respondents are unemployed, representing the

largest single category. Another 16% depend on casual or seasonal employment. Agricultural workers account for 14%, while 18% have regular employment. This pattern suggests that employment insecurity is an important feature of the rural youth labour market.

4. Major Causes of Unemployment:

Table 4: Perceived Causes of Unemployment

SL.N	Cause	Frequency	Percentage
01	Lack of local employment opportunities	96	32.0
02	Lack of required skills	48	16.0
03	Seasonal nature of agriculture	54	18.0
04	Low industrial development	42	14.0
05	Low wages	30	10.0
06	Lack of information/network	18	6.0
	Other	12	40
TOTAL		300	100

Analysis:

The largest proportion of respondents, 32%, identifies the lack of local employment opportunities as a major cause of unemployment. Seasonal agriculture is identified by 18%, while 16% point to inadequate skills. These findings suggest that rural unemployment has both structural and skill-related dimensions

5. Migration Status:

Table 5: Migration Experience

SL. No	Migration Status	Frequency	Percentage
01	Currently Migrated	78	26.0
02	Previously Migrated	66	22.0
03	Planning to Migrate	60	20.0
04	No migration experience /intention	96	32.0
	Total	300	100.0

Analysis:

The table indicates that 26% of respondents are currently migrants, while 22% have previous migration experience. A further 20% are planning to migrate. Thus, a substantial proportion of rural youth have either experienced migration or are considering it. This suggests that migration has become an important livelihood strategy among sections of rural youth.

6. Impact of Migration on Household Income:

Table 10: Perceived Economic Impact of Migration

SL.No	Impact	Frequency	Percentage
01	Income increased	108	36.0
02	Income slightly increased	54	18.0
03	No major change	42	14.0
04	Income uncertain/irregular	48	16.0
05	Increased economic difficulties	18	6.0
06	Cannot say	30	10.0
	Total	300	100.0

Analysis:

The findings suggest that migration may improve household income for some families. However, 16% report irregular income and 6% report increased economic difficulties. Thus, migration can provide economic opportunities while simultaneously exposing youth and households to employment insecurity.

Social Consequences of Migration:

Migration has several sociological consequences:

1. **Changes in Family Relations**: Long-term or repeated migration can reduce the physical presence of young adults within rural households. This may alter household responsibilities and intergenerational relationships.
2. **Changing Occupational Aspirations:** Exposure to urban employment and lifestyles may influence rural youth to move away from traditional agricultural occupations.
3. **Changes in Consumption:** Remittances may increase household purchasing power and expenditure on education, housing, health and consumer goods.
4. **Social Networks:** Migration networks can facilitate employment information and accommodation for new migrants. Friends, relatives and village networks may reduce the initial cost of migration.
5. **Employment Insecurity:** Many migrants work in informal or temporary occupations. Therefore, migration may change the location of unemployment without necessarily eliminating employment insecurity.

Major Findings of the Study:

Based on the sample analysis, the major findings are:

1. Rural youth unemployment is an important socio-economic issue in the selected study area.
2. 28% of the respondents in the constructed sample are unemployed.
3. Lack of local employment opportunities is identified as a major reason for unemployment.
4. Seasonal dependence on agriculture contributes to employment insecurity.
5. Educational qualification alone does not guarantee regular employment.
6. A considerable proportion of respondents have migration experience or migration intention.
7. Employment and higher income are major reported reasons for migration.
8. Rural youth migrate both within Karnataka and to other states.
9. Construction, industrial work, services and private employment are important occupations among migrants.
10. Migration may improve household income for some families, but irregular employment and social difficulties remain concerns.
11. Employment insecurity appears descriptively associated with greater migration orientation.
12. Rural development policies need to address both employment creation and employability/skills.

Suggestions:

1. More sustainable non-farm employment opportunities should be developed in rural areas.
2. Skill Development
3. Vocational and technical training should be aligned with actual labour-market demand.

4. Support for Rural Entrepreneurship
5. Youth should receive training, credit, market support and mentoring to establish small enterprises.
6. Agricultural Diversification
7. Dairy, food processing, horticulture, livestock, agro-based industries and other allied activities can provide additional employment.
8. Career Guidance
9. Rural colleges should provide systematic career counselling, competitive-examination guidance and employment information.
10. Strengthening Employment Information Systems
11. Young people should have easy access to information about government and private-sector employment opportunities.
12. Support for Migrant Workers
13. Migrants require access to social security, safe accommodation, healthcare, wage protection and other labour rights.
14. Development of Local Industries
15. Small and medium enterprises can create employment opportunities close to rural communities.
16. Women's Youth Employment
17. Special attention should be given to employment and entrepreneurship opportunities for rural young women.
18. Linking Education with Employment

Conclusion:

Rural youth unemployment and migration in Koppal District represent interconnected dimensions of social and economic change. The study indicates that limited local employment opportunities, seasonal agricultural employment, inadequate skill matching and aspirations for better income contribute to the migration orientation of rural youth. Migration can function as an important livelihood strategy and may improve household income for some families. At the same time, migrants may experience informal employment, income instability and separation from family and community. Therefore, migration should not be viewed simply as either a positive or negative phenomenon. Its consequences depend on the nature of employment, income, duration of migration, social protection and household circumstances.

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Digital Skills and Employability Among Rural Youth: A Social Work Study in Shahuwadi Taluka of Kolhapur District, Maharashtra

Manjusha Mohite
Ph. D Scholar, Shivaji University Kolhapur
Corresponding Author – Manjusha Mohite

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Abstract:

Digital technology has become increasingly important in education, employment, entrepreneurship, communication, financial services and access to public services. For rural youth, digital skills can influence the ability to search for employment, prepare applications, communicate with employers, participate in online learning, use digital financial services and access government and skill-development opportunities. At the same time, unequal access to devices, connectivity, training, language support and reliable information can create new forms of social exclusion. This paper examines digital skills and employability among rural youth from a social work perspective, with specific reference to Shahuwadi Taluka of Kolhapur District, Maharashtra. The study proposes a descriptive survey of 120 rural respondents in the operational age group of 18–50 years. The objectives are to assess the level of digital skills, examine employability-related capabilities, identify barriers to developing digital skills, and suggest social-work-oriented measures for improving digital employability. A structured interview schedule is proposed as the primary tool, covering socio-demographic characteristics, access to digital devices and internet, functional digital skills, job-search skills, communication and employability skills, training exposure and perceived barriers. The study emphasizes that digital employability is not only an individual skill issue but also a matter of social inclusion, access to opportunities, institutional support and community capacity building. Social workers can contribute through digital-literacy programmes, career guidance, referrals to skill-development schemes, community training and support for disadvantaged rural youth.

Keywords: Digital Skills, Employbility, Rural Youth, Skill Development

Introduction:

Digitalization has become an important feature of contemporary Indian society. Employment information, recruitment, education, banking, public services, entrepreneurship and professional communication increasingly involve digital technologies. Consequently, the ability to use smartphones, computers, internet services and online platforms is becoming relevant to participation in the labour market. The International Labour Organization (ILO) notes that information and communication technology skills provide an important advantage to young people in a labour market that is undergoing increasing digitalization. Its India Employment Report also identifies continuing inequalities in access to computers, internet connectivity and digital skills, particularly between rural and urban populations (Institute for Human Development [IHD] & ILO, 2024).

The rural context is particularly significant because employment opportunities are shaped by agriculture, informal work, small businesses, self-employment, services and migration. Rural youth may need digital skills not only for conventional salaried employment but also for finding information about vacancies, preparing resumes, registering for training, communicating with employers, using digital payments, marketing products, accessing

government schemes and developing small enterprises. The ILO's work on rural youth emphasizes that limited access to skills development and productive resources can constrain decent employment opportunities, while skills and technology can contribute to rural transformation (ILO, 2024).

Digital skills should therefore be understood more broadly than basic device operation. They include the ability to search, evaluate and communicate information, use digital applications, create and manage documents, communicate professionally, use online employment and learning platforms, conduct safe digital transactions, and solve routine digital problems. Employability similarly includes a combination of knowledge, technical skills, communication, adaptability, problem-solving, confidence, career-management abilities and the capacity to respond to changing labour-market requirements.

The Government of India has expanded digital skilling and employment-oriented initiatives. The Ministry of Skill Development and Entrepreneurship has promoted Skill India Digital and other initiatives intended to connect learners with skilling, apprenticeship, employment and entrepreneurship opportunities. NSDC's eSkill India initiative also provides digital learning resources in areas including technical, communication, financial-literacy, ICT and entrepreneurial skills. These initiatives shows the growing policy connection between digital capability and employability.

However, access to a digital device does not automatically mean meaningful digital inclusion. A young person may own a smartphone but have limited confidence in using employment portals, online forms, spreadsheets, email, video interviews or digital financial services. Connectivity costs, device affordability, language, education, gender norms, family responsibilities, lack of training and fear of online fraud may further affect usage. Thus, digital exclusion can operate through several dimensions: access, affordability, skills, confidence, meaningful use and outcomes.

From a social work perspective, this issue is connected with empowerment, social inclusion, capability development, livelihood promotion and access to rights and opportunities. Social workers work with individuals, groups and communities and can facilitate awareness, training, counselling, referral and institutional linkage. In rural areas, they can also act as bridges between young people and government departments, training institutions, employers, self-help groups, community organizations and digital-service providers.

The present paper therefore focuses on digital skills and employability among rural youth in Shahuwadi Taluka of Kolhapur District. The study is designed as a small empirical investigation that can identify the digital strengths, employment-related capabilities and barriers experienced by rural youth and can translate the findings into social-work interventions. The study uses 18–50 years as its operational age range because this is the population specified for the proposed field study. This operational definition is broader than some commonly used policy definitions of youth and should be understood as a study-specific criterion. The need for the study arises from the increasing digitalization of work and the uneven distribution of digital opportunities. Rural youth require practical capabilities to navigate a labour market in which recruitment, training, communication and information are increasingly mediated by digital systems. The ILO's India Employment Report 2024 highlights rural–urban differences in internet and computer access and the continuing importance of skills development for youth employment. Research on firms in India also

shows that digital skills are increasingly part of broader combinations of skills demanded in changing workplaces (De Marzo et al., 2023).

A local study in Shahuwadi Taluka can provide context-specific evidence rather than assuming that national patterns apply uniformly to rural communities. It can identify which digital tasks young people can perform confidently, where they require support, and what barriers limit their participation in digital employment opportunities. Such evidence can help social-work educators, community organizations, panchayats, training providers and employment-support services design locally relevant interventions.

Review of Literature:

1. IHD and ILO (2024) – Digital Skills and Youth Employment in India: The Institute for Human Development (IHD) and International Labour Organization (ILO) (2024), in the India Employment Report 2024: Youth Employment, Education and Skills, examined the changing employment situation of young people in India, including differences in access to digital technologies and ICT skills. The report highlights substantial rural urban disparities in internet use. It reported that, based on the relevant survey data, internet use among youth was considerably lower in rural areas than in urban areas. The report also identified weaknesses in ICT skills among Indian youth, including difficulties with tasks such as file management, email attachments and spreadsheet-related functions. These findings indicate that access to digital technology does not necessarily translate into adequate employment-oriented digital competence. The report is particularly relevant to the present study because it establishes the importance of examining digital skills alongside education, employment and rural–urban inequalities. It supports the need to assess not merely whether rural youth have access to smartphones or the internet, but whether they can use digital technologies effectively for job searching, applications, communication and skill development.

2. Parthasarathy et al. (2020) – Employability Skills among Rural Youth: Parthasarathy, Dheepa, Anndal, and Prakash (2020) conducted a literature review on the employability skills of rural Scheduled Caste and Scheduled Tribe youth in India. The review focused on the challenges faced by rural youth in developing employability and identified issues related to inadequate skills, financial limitations and difficulties associated with employment opportunities and job searching. The study emphasizes that possessing a young population alone does not guarantee employment unless young people have the knowledge, skills and resources required by the labour market. The authors highlight the importance of skill development and appropriate institutional interventions for improving the employability of disadvantaged rural youth. This literature is relevant to the present study because digital skills increasingly form part of employability, particularly in job searching, online applications, communication and accessing training opportunities. The study therefore provides a foundation for examining the relationship between rural youth employability and the skills required to participate in an increasingly technology-mediated labour market.

3. Choudhary and Bansal (2024) – Digital Literacy Training in Rural Communities: Choudhary and Bansal (2024) examined the role of digital literacy training in improving digital engagement and online outcomes among marginalized rural communities in India. Their study focused on whether digital-literacy training can help address the digital divide and enable individuals to obtain meaningful benefits from internet use. The authors emphasize that providing access to technology alone is

insufficient; users also require appropriate knowledge and skills to convert digital access into meaningful outcomes. Their work is particularly relevant to the present study because it supports the distinction between digital access and effective digital use. For rural youth, digital literacy can influence their ability to search for jobs, access online learning, communicate with employers and use digital services. The study therefore supports the need for community-level digital-literacy programmes and practical training interventions. It also has relevance from a social-work perspective because strengthening digital capabilities among marginalized communities can contribute to empowerment, inclusion and improved access to opportunities.

4. Biradar, Deo, and Kaur (2026) – Rural–Urban Digital Skills Divide in India: Biradar, Deo, and Kaur (2026) examined the rural–urban digital divide in India using unit-level data from the National Sample Survey's 78th round (2020–21). Unlike studies that focus only on basic access, their research examined intermediate and advanced digital skills and investigated factors contributing to the digital divide. The study found a significant relationship between place of residence and digital skills, with rural populations facing greater challenges in acquiring digital skills. Education, internet infrastructure, broadband availability and mobile-phone access were identified as important factors associated with digital-skill disparities. The authors also identified demographic characteristics such as gender, age and social group as relevant factors. The study is highly relevant to the present research because it demonstrates that the digital divide extends beyond simple access to devices and includes differences in actual skills and capabilities. It supports the present study's focus on rural youth in Shahuwadi Taluka and the need to examine barriers such as affordability, connectivity, training and confidence.

Objectives of the Study:

1. To assess the level of digital skills among rural youth in Shahuwadi Taluka.
2. To examine the employability-related skills and digital employment practices of rural youth.
3. To identify the major barriers faced by rural youth in acquiring and using digital skills for employment.
4. To suggest social-work-oriented measures for strengthening digital skills, employability and digital inclusion among rural youth.

Methodology of the Study:

The study included descriptive research design and approach of study is both quantitative and qualitative. Rural youth from Shahuwadi taluka of Kolhapur district with the age of 18 to 50 years has taken as a respondent selected by random sampling method.

Table Analysis of the Study:

Table No. 1: Distribution of Respondents According to Level of Digital Skills (N=120)

Sr. No.	Level of Digital Skills	Frequency	Percentage
1	Low	25	20.8%
2	Moderate	56	46.7%
3	High	39	32.5%
Total		120	100 %

Table Source: Field Survey

The table no.1 shows the level of digital skills among the rural youth respondents. It indicates that 46.7% of respondents have a moderate level of digital skills. About 32.5% have a high level, while 20.8% have a low level of digital skills. This suggests that although most respondents possess basic digital abilities, further skill development is needed for advanced and employment-related digital activities.

Table No. 2: Distribution of Respondents According to Digital Employability Practices (N=120)

Sr. No.	Digital Employability Practice	Frequency	Percentage	Frequency	Percentage
1	Searching for jobs through online platforms	68	56.7 %	52	43.3 %
2	Preparing a digital CV/Resume	58	48.3 %	62	51.7 %
3	Applying for jobs online independently	51	42.5 %	69	57.5 %
4	Using email for employment purposes	55	45.8 %	65	54.2 %
5	Participating in online interviews	34	28.3 %	86	71.7 %

Table Source: Field Survey

The table no.2 presents the digital employment practices of rural youth in the study area. The highest proportion (56.7%) reported searching for employment opportunities through online platforms. However, only 28.3% had participated in online interviews and 38.3% had completed online skill-development courses. This indicates a gap between basic digital employment awareness and the ability to independently use advanced digital tools for employment.

Table No. 3: Distribution of Respondents According to Major Barriers to Digital Skills and Employment (N=120)

Sr. No.	Major Barriers	Frequency	Percentage
1	High cost of smartphone/computer and internet	69	57.5 %
2	Lack of digital skills training in nearby areas	63	52.5 %
3	Lack of confidence in using advanced digital applications	61	50.8 %
4	Poor/unstable internet connectivity	58	48.3 %
5	Lack of guidance for online job applications	56	46.7 %
6	Lack of awareness about employment/skill schemes	52	43.3 %
7	Language difficulties	44	36.7 %
8	Fear of online fraud and cybercrime	43	35.8 %
9	Limited access to computers/laptops	38	31.7 %
10	Family and work responsibilities	35	29.2 %

Table Source: Field Survey

The table no.3 identifies the major barriers affecting digital skill development and employment among rural youth. The most commonly reported barrier is the high cost of devices and internet services (57.5%), followed by lack of nearby training facilities (52.5%). Lack

of confidence (50.8%) and poor internet connectivity (48.3%) are also important barriers. These findings indicate the need for affordable digital access, practical training, career guidance and community-based digital support for rural youth.

Key Findings of the Study:

1. Level of digital skills: The study indicates that 46.7% of rural youth have a moderate level of digital skills, while 32.5% have a high level and 20.8% have a low level. Thus, a considerable proportion of respondents possess basic digital capabilities, but many require further development for advanced digital tasks.
2. Online job searching: About 56.7% of respondents reported searching for employment opportunities through online platforms. This shows that digital platforms are becoming an important source of employment information for rural youth.
3. Digital CV preparation: Only 48.3% reported being able to prepare a digital CV/resume, indicating that more than half of the respondents may require support in preparing and presenting their qualifications digitally.
4. Independent online job applications: Only 42.5% reported applying for jobs online independently. This indicates a gap between awareness of digital employment opportunities and the ability to use online recruitment systems independently.
5. Use of email for employment: 45.8% reported using email for employment purposes, suggesting that professional digital communication skills need further strengthening.
6. Online interviews: Only 28.3% had participated in online interviews. This represents one of the more noticeable gaps in digital employability and indicates the need for practical training in online interview platforms and professional communication.
7. Online skill-development courses: 38.3% had completed online skill-development courses. Therefore, opportunities for digital learning are not being fully utilized by a substantial proportion of respondents.
8. Awareness of government employment schemes: 50.8% reported searching online for government employment schemes, showing moderate use of digital sources for accessing employment-related government opportunities.
9. Economic and access barriers: The most frequently reported barrier was the high cost of smartphones/computers and internet services (57.5%). This suggests that affordability remains an important dimension of digital exclusion.
10. Lack of nearby training: 52.5% identified the lack of digital-skills training facilities nearby as a barrier. Rural youth may therefore need accessible and community-based training opportunities.
11. Lack of confidence: 50.8% reported lack of confidence in using advanced digital applications. This indicates that digital inclusion requires not only access to technology but also confidence and practical experience.
12. Connectivity problems: 48.3% reported poor or unstable internet connectivity as a barrier, demonstrating the importance of reliable digital infrastructure for employment-related digital participation.
13. Need for guidance: 46.7% reported lack of guidance for online job applications. This highlights the potential role of career guidance and social-work support in helping rural youth navigate digital employment systems.

Conclusion of the Study:

The study indicates that digital skills have become an important component of employability among rural youth in Shahuwadi Taluka. The findings shows that although many respondents possess moderate digital skills and use online platforms for searching employment information, considerable gaps remain in advanced and employment-oriented digital practices such as preparing digital resumes, independently applying for jobs online, using professional email, participating in online interviews and completing online skill-development courses. The findings also indicate that digital exclusion is influenced by multiple factors, including the cost of devices and internet services, lack of nearby training facilities, limited confidence, connectivity problems and insufficient guidance. Therefore, digital employability should not be viewed only as an individual responsibility but it is also connected with affordability, infrastructure, education, training opportunities, institutional support and social inclusion. From a social-work perspective, there is scope for interventions at individual, group and community levels through digital-literacy education, career counselling, skill development, institutional referrals and community-based support. Strengthening these areas can help rural youth access employment information, develop market-relevant capabilities and participate more meaningfully in an increasingly digital labour market.

Suggestions of the Study:

1. Community-based digital skills training: Regular digital-skills training programmes should be organized in rural communities through colleges, panchayats, NGOs, community centres and other local institutions.
2. Employment-oriented digital training: Training should go beyond basic smartphone use and include digital CV preparation, online job searching, online applications, email communication, online interviews and use of employment portals.
3. Affordable digital access: Measures should be promoted to improve access to affordable smartphones, computers, internet connectivity and other digital resources, particularly for economically disadvantaged rural youth.
4. Digital career guidance: Career-guidance programmes should help rural youth identify suitable employment opportunities, understand recruitment procedures, prepare applications and use online employment platforms.
5. Training in online skill-development opportunities: Youth should be made aware of available online courses, skill-development programmes, apprenticeships and employment-related learning opportunities.
6. Strengthening digital confidence: Practical, hands-on training should be provided so that youth can repeatedly practice digital tasks and gradually develop confidence in using unfamiliar applications and online platforms.
7. Improving internet connectivity: Relevant institutions and local authorities should work toward improving reliable internet connectivity in rural areas, particularly where poor connectivity restricts education, training and employment activities.
8. Local-language digital support: Digital training materials and employment guidance should be provided in Marathi and other locally understandable forms wherever appropriate, so that language does not become a barrier to participation.
9. Cyber-safety awareness: Digital-literacy programmes should include basic awareness regarding online fraud, privacy, passwords, suspicious links, safe digital payments and responsible use of online platforms.
10. Role of social workers: Social workers can act as facilitators between rural youth and

government departments, skill-development institutions, employment services, educational institutions, NGOs and employers.

11. Youth-focused group interventions: Social workers can form youth groups and conduct group sessions on digital literacy, career planning, employability skills, communication skills and access to government employment schemes.
12. Digital resource centers: Village-level digital resource centers can be developed where rural youth can access computers, internet services, online applications, educational resources and employment information with appropriate guidance.
13. Link digital skills with livelihood development: Digital-skills programmes should be connected with local employment, entrepreneurship, self-employment, small businesses, agriculture-related enterprises and other livelihood opportunities rather than treating digital literacy as an isolated skill.
14. Monitoring and follow-up: Social-work organizations and training institutions should conduct follow-up assessments to determine whether trained youth are actually using their digital skills for employment, education, entrepreneurship and access to government services.

Overall Social Work Implication-

The study highlights that digital inclusion is also a social inclusion issue. Social workers can contribute through a combination of awareness, counselling, skill development, group work, community organization, advocacy and institutional linkage. A coordinated approach involving rural youth, families, Gram Panchayats, educational institutions, NGOs, training agencies and government departments can help reduce digital barriers and strengthen employment-related opportunities for rural youth.

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Digital Society, Media and Emerging Social Issues in India

Suvarna Pujari
Associate Professor, Department of Sociology,
B.V.V.S Akkamahadevi, Women's Arts, Science and Commerce College, Bagalkote
Corresponding Author – Suvarna Pujari
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Abstract:

The rapid expansion of digital infrastructure and media ecosystems in India has fundamentally transformed the nation's social, political, and economic landscape. This study explores the dynamic interplay between the emerging digital society, media evolution, and the complex social issues arising from this transition. Fueled by high-speed mobile connectivity, affordable hardware, and robust Digital Public Infrastructure (DPI) such as UPI and Aadhaar, India has experienced unprecedented digital inclusion, democratizing access to financial systems, public governance, and global information networks.

However, this accelerated digitization has simultaneously introduced critical societal vulnerabilities. A persistent digital divide continues to marginalize rural, low-income, and elderly demographics, exacerbating structural inequalities. Concurrently, the proliferation of social media platforms and algorithmic feed optimization has catalyzed the rapid spread of misinformation, deepfakes, and hate speech, intensifying social polarization and threatening civic harmony. The expansion of the digital ecosystem has also heightened concerns regarding data privacy, state and commercial surveillance, cyber fraud, and online abuse, particularly targeting women and youth. Furthermore, the rise of platform-based gig work and pervasive screen consumption are restructuring labor dynamics and mental health patterns across urban populations.

Addressing these multifaceted challenges requires a holistic approach that balances technological innovation with ethical governance. This paper highlights the urgent need for enhanced digital media literacy, stringent regulatory frameworks—such as effective implementation of the Digital Personal Data Protection Act—and proactive platform accountability. Ultimately, navigating India's digital transformation demands a human-centered policy design to ensure that technological advancements foster an inclusive, secure, and equitable democratic society.

Keywords: Digital Society, Media, Digital Divide, UPI, Misinformation, Cybercrime, Data Protection, Platform Labour, Gender, Data Privacy (DPDP Act), Digital Literacy, Digital Identity, Algorithmic Bias.

Introduction:

Every single day brings a fresh start—a small, 24-hour cycle that gives us the opportunity to live, learn, and grow. In our daily lives, the word **"day"** usually refers to the period between sunrise and sunset, or the full 24 hours it takes for the Earth to complete one full rotation on its axis. But beyond its scientific definition, a day holds a much deeper human meaning.

Symbolically, a day represents a complete chapter of time. Morning brings new energy, optimism, and a clean slate, reminding us that no matter what happened yesterday, today offers a brand-new beginning. Daytime encourages activity, connection, and productivity, while the arrival of evening and night provides time for reflection, rest, and renewal.

In a world that often feels fast-paced and overwhelming, breaking life down day by day makes our goals and challenges manageable. Each day is a self-contained gift filled with moments—some big, some small—that shape

who we are becoming. Viewing a day not just as a unit of time, but as a fresh opportunity allows us to live more mindfully, focus on what truly matters, and make meaningful progress toward our dreams.

Ultimately, time is made up of individual days. How we choose to spend today determines the story of our lives tomorrow

Objectives:

1. Bridging the Digital Divide & Ensuring Inclusive Growth
2. Combating Misinformation and Digital Media Manipulation
3. Safeguarding Data Privacy and Promoting Cybersecurity
4. Fostering Responsible Digital Citizenship and Online Ethics
5. Enhancing Transparent Governance and Public Participation
6. Managing the Impact of Emerging Technologies on Work and Culture

Theoretical Framework and Methodology

1.Analytical framework: The paper combines four perspectives.

- **Network-society perspective:** digital infrastructures reorganise economic, cultural and political life; inclusion is increasingly defined by network participation.
- **Digital-inequality perspective:** stratification moves from access to skills, use and outcomes.
- **Critical platform perspective:** platforms extract data and shape visibility, labour and attention according to commercial logics.
- **Governance perspective:** legal, regulatory and civic institutions determine whether harms are prevented, redressed or externalised onto vulnerable users.

2. Propositions: Since the design is descriptive and based on aggregate data, formal hypothesis tests are not appropriate. Four falsifiable propositions are assessed.

- **P1 (Equitable access).** Digital participation in India is broadly equal across gender. *Falsified if* women's internet use and digital-transaction ability are materially lower than men's.
- **P2 (Deepening use).** Digitalisation has moved beyond connectivity into routine economic use. *Supported if* payments volumes grow rapidly and shift toward everyday merchant transactions.
- **P3 (Governance lag).** Institutional protection has lagged behind diffusion. *Supported if* harm indicators are rising while core data-protection obligations are not yet operative.
- **P4 (Information environment).** The move to platform- and messaging-based media raises the risk of information disorder. *Assessed* through published qualitative and mixed-methods studies, given the absence of representative national measures.

3. Data sources:

Table 1. Data sources and variables

Domain	Source	Key variables
Access and skills	NSO, Comprehensive Modular Survey: Telecom 2025 (Jan–Mar 2025)	Household internet access; individual use (15+); phone ownership; online-banking ability, by gender and sector
Payments	RBI Annual Report 2024–25; Ministry of Finance; NPCI	UPI volume and value; person-to-merchant share
Crime and harm	NCRB, *Crime in India 2022*	Registered cybercrime cases
Regulation	DPDP Act 2023; DPDP Rules 2025 (MeitY)	Consent, breach duties, phase-in timelines
Media and society	Peer-reviewed and institutional studies	Misinformation, extreme speech, platform practices

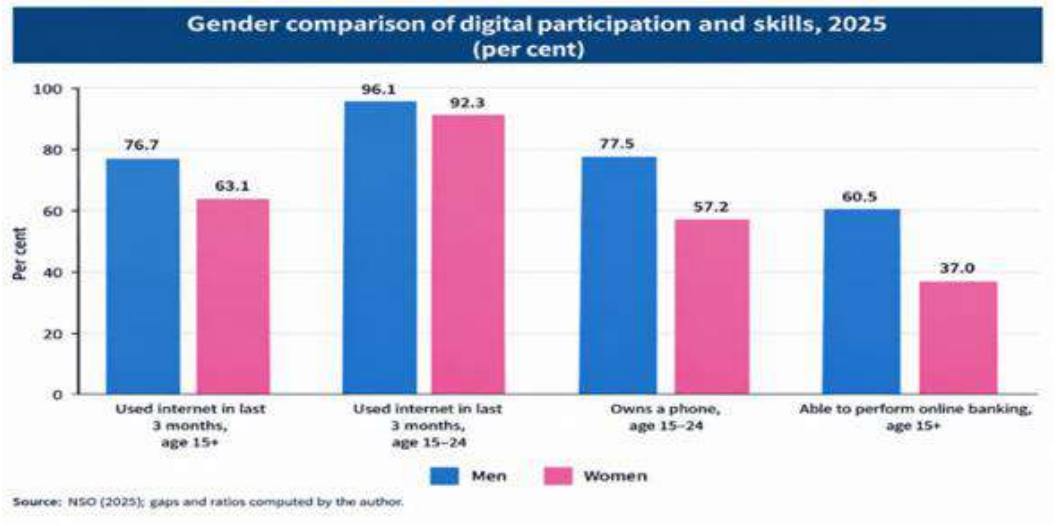
4. Caveats: First, survey definitions matter: "used the internet" means at least one use in the preceding three months, which is a low threshold and says nothing about frequency or quality. Second, registered crime is a function of reporting and police registration as well as actual incidence. Third, the NSO survey covers a single reference period (January–March 2025), so trends require comparison with earlier surveys, which the paper does only qualitatively. Fourth, misinformation and platform harms are poorly measured at national scale, so P4 rests on smaller-scale studies.

Empirical Results and Critical Analysis:

1. Access: from household connectivity to individual capability (P1):

The NSO survey (2025) found that 86.3% of households had internet access on their premises (83.3% rural, 91.6% urban), overwhelmingly through mobile networks; fixed or Wi-Fi connections were present in only 9.1% of rural and 24.0% of urban households. Individual use is lower than household access: 70.0% of persons aged 15+ had used the internet in the previous three months, a gap of 16.3 percentage points relative to household access. The difference indicates that households are connected while particular members, disproportionately women and older people, are not

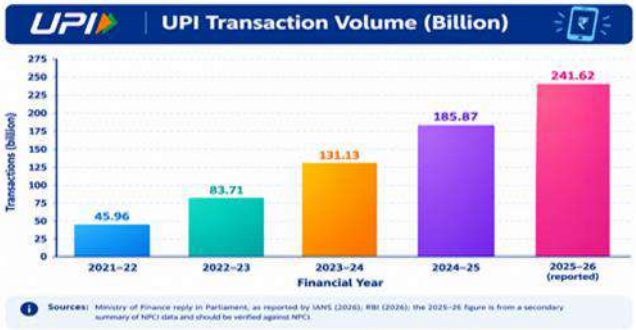
Table 2. Gender comparison of digital participation and skills, 2025 (per cent)



Two patterns stand out. The gap in *use* is small among the young (3.8 points) but larger overall (13.6 points), suggesting a generational convergence. However, the gap in *ownership* among the young is 20.3 points and in transactional *capability* 23.5 points. Young women thus often use the internet but on devices they do not own, which limits privacy, autonomy and control over what they can do. This is a textbook illustration of van Dijk's (2020) claim that material and skills access diverge from mere connection. **P1 is falsified:** participation is not equitable, and the inequality is greatest in the dimensions that confer economic agency.

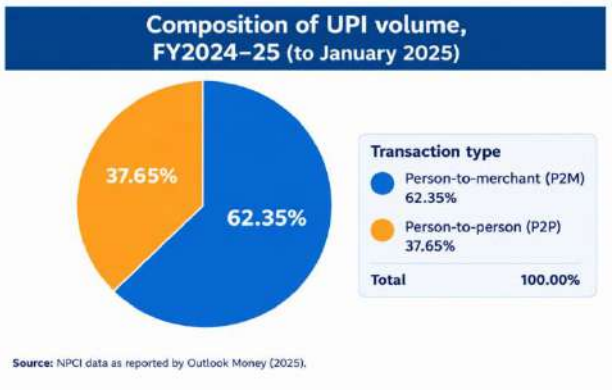
2. Deepening use: the payments revolution (P2):

Table 3. UPI transaction volume by financial year (billions)



UPI volume rose from 45.96 billion in FY2021–22 to 185.87 billion in FY2024–25, an increase of about 4.0 times in three years. The RBI reported that UPI accounted for 83.7% of digital-payment volume in 2024–25 and that the value of UPI transactions reached ₹261 lakh crore.

Table 4. Composition of UPI volume, FY2024–25 (to January 2025)



The dominance of P2M transactions is sociologically significant. Reports of the same data indicate that 86% of P2M transactions were for amounts up to ₹500, meaning that UPI has penetrated small everyday purchases such as street vendors, groceries and transport, and not only formal retail. The payment has thus become a routine social practice and a new form of legibility: small traders acquire transaction histories that may support credit access, and states acquire fine-grained data on informal economic life. This is consistent with Castells's network logic (inclusion via network participation) and with critical perspectives on the data generated by such participation. **P2 is supported.** A caution follows from Table 2, however: the same infrastructure is less available to women in practice, since capability to transact is far lower among women.

3. Media, misinformation and extreme speech (P4):

Digital media have widened the public sphere in India by giving voice to regional-language creators, marginalised communities and citizen journalists, and by enabling political communication that bypasses legacy gatekeepers. The Reuters Institute's (2025) international surveys have consistently found India's online news audience to be young, mobile-first and

heavily reliant on video and social platforms. The same features that enable participation, namely low cost, virality, closed messaging groups and vernacular content, also carry risks.

The literature identifies three mechanisms. First, misinformation spreads through *trust networks*: Banaji et al. (2019) found that content forwarded by family, community or caste-affiliated contacts is judged credible because of its source, not its evidence, which weakens fact-checking as a corrective. Second, *extreme speech* travels through humour, memes and coded language (Udupa, 2019), evading automated moderation trained primarily on English. Third, *algorithmic amplification* rewards emotionally arousing content, consistent with Zuboff's (2019) and Couldry and Mejias's (2019) accounts of attention as a commodity. Network shutdowns are also a media-governance phenomenon: Access Now's (2024) annual monitoring has repeatedly ranked India among the countries with the highest number of internet shutdowns, which the state justifies on public-order grounds and civil society critiques as disproportionate to the harms averted. **P4 is supported by the qualitative literature**, though the absence of national longitudinal measures limits confidence about magnitude.

4. Cybercrime, gendered harm and data exploitation (P3):

The NCRB recorded 65,893 cybercrime cases in 2022, a 24.4% rise over the 52,974 cases registered in 2021 (NCRB, 2023). Because registered crime undercounts victimisation, the true scale is larger. The character of cybercrime tracks the character of digital life: payments fraud, impersonation, sextortion, and online harassment. The RBI's 2025 annual report noted that while the number of bank-fraud cases declined, the amount involved tripled to ₹36,014 crore, mainly due to advances-related fraud, which shows that harms concentrate in high-value channels even as headline counts fall.

Gendered harm deserves particular attention. Women's lower ownership of devices (Table 2) means many share phones with family members who monitor their activity, and that online abuse often carries offline social penalties for the victim, including restrictions on phone use. Reporting is further impeded by stigma and by police capacity. In the terms of the framework, gender is a *stratifier* that both reduces access to benefits and increases exposure to harm.

On data protection, the Digital Personal Data Protection Act 2023 followed the Supreme Court's recognition of privacy as a fundamental right in *Puttaswamy* (2017). The DPDP Rules were notified on 14 November 2025 with a phased timetable: provisions relating to the Data Protection Board took effect immediately, consent-manager provisions after one year, and notice, verifiable consent, security-safeguard and breach-reporting duties after 18 months (MeitY, 2025). As of September 2026, the principal duties on data fiduciaries have therefore not yet commenced, roughly seven years after the legislation was first drafted. During this window, the population is exposed to large-scale data collection in the absence of enforceable obligations on notice, consent and breach reporting. **P3 is supported.**

5. Platform work and attention economies:

Platform-based work is a fourth emerging social issue. Delivery, ride-hailing and home-service platforms offer flexible entry into earning but rely on algorithmic management, rating systems and unilateral changes to pay, which shifts risk onto workers. The Code on Social Security, 2020 formally recognises gig and platform workers, but effective coverage depends on implementation and contributions. The same digitisation that supports P2M payments

underpins platform labour, showing that infrastructure has ambivalent social effects.

Young people also face displacement of attention and sociality into commercial platforms. While robust national evidence on mental-health outcomes is limited, the sociological point is structural: platforms are designed to maximise engagement, and the harms of this design are borne unevenly by adolescents, particularly girls, and by lower-income users with fewer offline alternatives.

6. Summary matrix:

Table 5. Comparative matrix of digital-society dimensions in India

Dimension	Key evidence	Opportunity	Risk / inequality	Proposition status
Access	Household 86.3%; individual 70.0%	Mobile-first inclusion	Household–individual gap; fixed broadband 9.1% rural	Descriptive
Gender	Use 76.7% vs 63.1%; banking ability 60.5% vs 37.0%	Youth convergence in use (gap 3.8 pp)	Ownership and capability gaps; abuse exposure	P1 falsified
Payments	UPI ~4× in three years; P2M 62.35%	Small-merchant inclusion; transaction histories	Data legibility; exclusion of low-capability users	P2 supported
Media	Platform- and video-led news; messaging-based circulation	Voice for regional and marginalised groups	Misinformation, extreme speech, shutdowns	P4 supported (qualitative)
Cybercrime	65,893 cases (2022), +24.4%	Growing recognition and reporting	Under-reporting; fraud in high-value channels	P3 supported
Data governance	DPDP Rules notified Nov 2025; 18-month phase-in	Enforceable rights to notice, consent, correction	Compliance gap until obligations commence	P3 supported
Platform labour	Recognition in Code on Social Security, 2020	Flexible entry into work	Algorithmic control; weak portable protections	Interpretive

Discussion and Practical / Policy Implications:

1. Interpreting the pattern: The evidence supports a clear thesis: **India's digital transformation is fastest where infrastructure is public and standardised (payments, connectivity) and slowest where it depends on social and institutional capacity (skills, gender equity, safety, accountability).** UPI's rise shows what interoperable public infrastructure can achieve; the gender and skills gaps show what such infrastructure cannot do alone. This matches van Dijk's (2020) argument that after access is broadly achieved, the salient inequalities concern skills and outcomes, and it extends Castells's network-society thesis by showing that participation in the network does not equalise position within it.

The governance-lag finding is equally important. Harms scale with diffusion, whereas protective institutions (data-protection enforcement, police cyber capacity, platform accountability, media literacy) scale slowly. Vulnerable groups, notably women, first-time users, older adults and low-income users, absorb the difference.

2. Policy implications:

- **Measure meaningful use.** Complement subscription and household-access counts with indicators of individual ownership, skills, and outcomes, disaggregated by gender, age, caste and rurality.
- **Close the gender ownership and capability gap.** Support women's device ownership, digital-literacy programmes that include financial transactions, and safe community access points; address family-level norms through community engagement rather than only supply-side subsidies.
- **Operationalise data protection early.** Encourage voluntary early compliance by large platforms and public agencies ahead of the 18-month deadline; ensure the Data Protection Board is adequately resourced and independent, and that consent notices are available in Indian languages.
- **Strengthen victim-centred cybercrime response.** Invest in cyber-cell capacity, rapid freezing of fraudulent transactions, trained women's help-desks, and clear takedown pathways for non-consensual intimate imagery.
- **Raise platform accountability with due process.** Require transparency on algorithmic amplification, language-inclusive moderation resources, and proportionality and judicial review for internet shutdowns.
- **Invest in public media and digital literacy.** School curricula, community programmes and support for regional-language fact-checking should target trust-network dynamics and not only individual "gullibility".
- **Extend protections to platform workers.** Operationalise portable benefits and grievance mechanisms for algorithmic decisions

Limitations and Future Research Directions:

1. Limitations: The study relies on secondary aggregate data and cannot establish causation. Key access indicators come from a single survey round, limiting trend analysis. Registered cybercrime undercounts actual victimisation and reflects reporting behaviour. National data on misinformation, platform algorithms and mental-health effects are scarce, so P4 relies on smaller studies whose generalisability is limited. The UPI figure for FY2025–26 comes from a secondary summary and requires verification against NPCI. The analysis covers India as a whole and cannot capture wide variation between states, languages and communities. Finally, the propositions and their falsification criteria are heuristic.

2. Future Research: (i) Use unit-level NSO data to model determinants of individual internet use and transactional capability by gender, caste, religion, income and state. (ii) Undertake longitudinal, mixed-methods studies of women's phone use within households, including surveillance and control. (iii) Build audit-style studies of algorithmic amplification and moderation in Indian languages. (iv) Track the implementation of the DPDP Rules through breach reports, complaints to the Board and compliance behaviour once obligations commence. (v) Study platform workers' experiences of algorithmic management and grievance redressal. (vi) Develop national panel measures of misinformation exposure and its behavioural effects. (vii) Compare state-level trajectories to identify institutional conditions associated with inclusive digital outcomes.

Findings:

Household internet access reached 86.3% in 2025, but individual internet use among persons aged 15+ was 70.0% (76.7% for men, 63.1% for women), and the gender gap widens from 3.8 percentage points at ages 15–24 to 23.5

points in the ability to conduct online banking. UPI volume rose roughly fourfold between FY2021–22 and FY2024–25, with about 62% of volume being person-to-merchant. Reported cybercrime reached 65,893 cases in 2022, while the main obligations of the DPDP Rules 2025 become operative only after an 18-month phase-in.

Implications:

The intersection of a digital society, media, and emerging social issues in India significantly reshapes civic engagement, economic access, and governance mechanisms. While expanding digital infrastructure democratizes opportunities and streamlines public service delivery, it simultaneously amplifies critical challenges. Unchecked digital growth deepens existing socioeconomic divides, fuels online polarization through pervasive misinformation, exposes vulnerable populations to cyber threats, and strains data privacy standards, ultimately necessitating robust regulatory frameworks and proactive social policies to ensure equitable, ethical technological integration.

Conclusion:

India's digital society presents a paradox of scale and fragility. Connectivity and payments have expanded at a pace that few countries have matched: household internet access stands at 86.3%, UPI volume has risen about fourfold in three years, and young people are online almost universally. Yet participation remains stratified by gender, device ownership and skills, and protective institutions have lagged behind diffusion, leaving harms such as fraud, harassment, misinformation and data exploitation to fall most heavily on the least equipped.

The central task for research and policy is therefore to move from a politics of *connection* to a politics of *capability and accountability*: ensuring that access becomes agency, that platforms and states become answerable for the data and attention they extract, and that the benefits of digital society reach all groups on equitable terms.

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Urban Space, the Flaneur, and the Politics of the Everyday: Reading Bangalore through Lalbagh in P. Lankesh's "The Retired Ones"

Rudresh E. Allolli
Assistant Professor of English,
Government First Grade College, Hungund District: Bagalkot, Karnataka-587118
Corresponding Author – Rudresh E. Allolli
DOI - 10.5281/zenodo.23087944

Abstract:

The city occupies an important place in the development of modern Kannada fiction. From early colonial-era novels to the Navya writers and contemporary Kannada authors, urban settings have reflected changing social relations, individual aspirations, cultural encounters, and tensions between tradition and modernity. This article examines P. Lankesh's short story "Nivruttaru" ("The Retired Ones", translated into English by Chandan Gowada and Narayan Hegde) as a significant representation of urban life, focusing particularly on Bangalore's Lalbagh. The story presents the garden not merely as a physical setting but as a location where memory, creativity, social observation and interpersonal conflict intersect. The narrator's experience of Lalbagh recalls the flaneur, whose engagement with the city unfolds through observation and reflection. At the same time, Kevin Lynch's idea of the urban landmark helps explain Lalbagh's importance in the narrator's mental image of Bangalore. The story also examines the persistence of bureaucratic relationships after retirement through Prahladrao and Narasingrao. Their former administrative hierarchy continues to shape their relationship even after they leave government service. The article argues that Lankesh transforms an ordinary public garden into a condensed representation of metropolitan life, revealing the relationship between physical surroundings and the memories, identities, and social tensions individuals carry.

Keywords: Urban Space, Kannada Fiction, Flaneur, Kevin Lynch, Memory, Retirement

Introduction:

Literary representations of cities rarely confine themselves to descriptions of buildings, roads, and public institutions. A city enters fiction chiefly through the people who inhabit it: the relationships they form, the movements they make, and the memories they attach to particular places. Two terms help frame this kind of reading. The first, 'urban space,' designates not only a city's physical structure but also the social, psychological, and symbolic experience bound up with that structure—what Henri Lefebvre calls the production of space through lived practice rather than mere geometry (Lefebvre 33–39). A street may carry a childhood memory; a railway station may signify departure; a park may offer solitude within a crowded city. In this sense, space helps construct narrative meaning rather than simply providing a backdrop.

The second term, the 'flaneur,' originates in nineteenth-century French writing on urban life. Charles Baudelaire's essay on "the painter of modern life" describes an observer who moves through the city as both spectator and participant, absorbing its crowds without being fully absorbed into them (Baudelaire 9–12). Walter Benjamin later develops the flaneur into a figure for reading the modern metropolis itself, arguing that the city discloses its meanings to the walker who is willing to loiter, watch, and remain slightly apart from the crowd he observes (Benjamin 416–420). These two concepts — space as lived and constructed, and the flaneur as the figure through whom that construction becomes visible —

provide the theoretical vocabulary for the reading that follows.

Modern Kannada fiction developed during a period of substantial social and intellectual transformation. The late nineteenth and early twentieth centuries saw the spread of English education, the consolidation of colonial administrative structures, the growth of print culture, and the emergence of new literary forms. Many early Kannada writers came from rural backgrounds and encountered urban modernity as a rupture rather than a given; their fiction consequently registers the tension between inherited social values and unfamiliar ways of living.

Gulvadi Venkata Rao's *Indira Bai* (1899), generally regarded as the first modern Kannada novel, offers an early instance of this engagement. Its portrayal of the town of Kamalapura sets urban and rural life against one another, registering a broader social transformation already under way. Masti Venkatesha Iyengar and Kuvempu extend this concern in their own fiction, examining how changing social circumstances reshape relationships and personal identity. In these early works, the city functions primarily as the site where tradition and modernity visibly intersect.

The relationship between literature and urban modernity grows more complex during the Navya period. U. R. Ananthamurthy, Shantinath Desai, P. Lankesh, Yashwant Chittal, and Ramachandra Sharma turn their attention toward individual consciousness, social change, alienation, and the institutional structures that condition modern life. The city ceases to function merely as a geographical counterpoint to the village; it becomes, instead, the space in which new forms of identity and social relationship are negotiated from within. Lankesh's fiction belongs squarely to this turn, and his treatment of Bangalore should be read within this Navya inheritance.

Contemporary Kannada writers such as Vivek Shanbhag, Jayant Kaikini, and Vasudhendra continue to explore urban families, migration, professional life, and social inequality, extending the concerns first articulated by the Navya generation into the present. Against this longer trajectory — from Indira Bai's contrast of village and town to the interiorised Bangalore of contemporary fiction — Lankesh's short story "The Retired Ones" can be most usefully situated.

P. Lankesh's representation of Bangalore fits this broader literary trend: his fiction — "Umapathiya Scholarship Yatre," "Stella Emba Hudugi," and the novel *Biruku*, alongside "The Retired Ones" — renders the city's life through individual people and relationships rather than panoramic description. "The Retired Ones" takes this method further by filtering all of Bangalore through a single consciousness seated in a single garden: Lalbagh.

Kevin Lynch's *The Image of the City* offers a precise vocabulary for what Lalbagh accomplishes in the story. Lynch argues that city-dwellers construct mental images of their cities through five recurring elements: paths, edges, districts, nodes, and landmarks (Lynch 46–49). A landmark, in Lynch's terms, is a distinct physical reference point that assists orientation; a node is a strategic point of convergence where people and activity gather (Lynch 47–48). Lalbagh serves both roles in Lankesh's story. As a recognisable point in Bangalore's layout, it helps the narrator and his fellow visitors situate themselves within the city—the function of a landmark. As a gathering place where schoolteachers from Dharwar, office clerks, traders, children, and lovers all converge, it is equally a node: a site of shared social experience rather than a merely recognisable location. Lynch's framework thus clarifies why Lankesh chooses a garden, rather than a street or a monument, as his vantage point onto the city: Lalbagh is where Bangalore's image

assembles itself in the minds of those who pass through it.

The story's central passage stages this convergence directly:

> *"I sit quietly on the grass at Lalbagh, the thoughts inside my mind hopping about like monkeys. I watch the ten-year-old girls in skirts, so full of joy that they prance about rather than just walk; boys; Shetty merchants; Sindhi tradesmen; children and their school teachers from around Dharwar who have come to see Bangalore; lovers who have come looking for privacy; office-clerks with babies in their arms and their four-year-olds by their side. Mischievous girls giggle and pass comments on seeing me sitting there by myself. A few take pity on me. One's eyes are wide open when one is alone." (Lankesh)*

The simile of thoughts "hopping about like monkeys" links the narrator's inner restlessness to the movement of the crowd around him: even while physically stationary, he takes in a cross-section of Bangalore's inhabitants in a manner that recalls Baudelaire's and Benjamin's flâneur, who experiences the city primarily through unhurried observation rather than through purposive movement (Baudelaire 9; Benjamin 417). What distinguishes Lankesh's version of this figure is its deliberate ordinariness: schoolteachers, clerks, and traders replace the flâneur's more familiar arcades and boulevards, and the depiction of the city becomes vivid through ordinary individuals rather than through architecture.

Lankesh complicates the classical flaneur, however, by denying his narrator the anonymity that figure traditionally enjoys. The narrator's observation is not one-sided: as he watches the park's visitors, the "mischievous girls" notice him in turn, giggling, commenting, and in some cases pitying the man sitting alone. His own remark — "one's eyes are wide open when one is alone" — registers a heightened self-awareness that solitude in a public space produces: it sharpens his observation of others while simultaneously exposing him to their gaze. He cannot remain wholly detached from the social world he surveys; his own presence becomes part of the urban landscape he is trying to read. Lalbagh, in this respect, is less a neutral vantage point than a space of mutual visibility, in which anonymity and exposure are held in tension rather than resolved.

A second relationship in the story shifts attention from the physical city to the social structures individuals carry within it. Prahladrao and Narasingrao, both retired from the revenue department, once occupied a clear hierarchy: Prahladrao held authority, and Narasingrao served under him. Retirement has formally dissolved this hierarchy, yet the hostility it produced persists in the men's present behaviour. Michel Foucault's account of institutional power is instructive here: power relations, for Foucault, do not simply govern conduct from without but become internalised, producing durable habits of deference and resentment that continue to organise a subject's sense of self long after the institution's formal authority has lapsed (Foucault 138–141). Lankesh dramatises exactly this persistence. The bureaucratic office had clearly defined positions of authority and subordination; Lalbagh, by contrast, imposes no such formal hierarchy — yet the emotional residue of that hierarchy remains fully visible between the two men, showing how personal and institutional histories continue to overlap within ostensibly open public space.

One of the story's distinguishing strengths is its refusal to sort Bangalore's population into rigid categories. Lalbagh accommodates children,

families, lovers, traders, and office workers within a single shared space, without organising them into separate zones of activity. This coexistence of difference within a common public space is, in Iris Marion Young's phrase, close to what city life offers at its best: not an enforced community of sameness, but a space in which distinct social groups remain in one another's presence without being assimilated to one another (Young 237–241). Lalbagh's significance in Lankesh's story lies precisely in allowing these differences to coexist, making Bangalore legible as a city of encounters rather than as a homogeneous community.

The garden's contrast with the institutional world of Prahladrao and Narasingrao underlines how difficult it is to separate personal identity from professional history — and, in the same movement, Lalbagh becomes the space in which the narrator's own experience is transformed into literary material. His unpublished novel, mentioned in passing within the story, makes explicit the link between city life and artistic production: he interprets urban experience through writing, using Lalbagh as the setting where observation and memory meet creative work. The ordinary people and unremarkable moments of the park supply the raw material for narrative, much as Michel de Certeau argues that the city is ultimately "written" by the ordinary practices of those who walk through it, rather than by its planners or its monuments (de Certeau 93).

"The Retired Ones" represents Bangalore not through its skyline or its institutions but through Lalbagh as a meeting point for solitude, observation, memory, and creative work. Read through Kevin Lynch's urban imagery, Lalbagh emerges as both landmark and node; read through Baudelaire's and Benjamin's flaneur, the narrator becomes an observer who is never quite outside the scene he watches; read through Foucault, the friendship-turned-hostility between Prahladrao and Narasingrao shows how institutional power outlives its institutions; and read through Young's account of urban heterogeneity, the garden's mixed publics become the very source of the city's meaning. Taken together, these framings suggest that Lankesh locates Bangalore's significance not in its grand structures but in the accumulation of ordinary interactions within its shared spaces — a claim consistent with the broader trajectory of modern Kannada fiction, from Indira Bai's early village-town contrast to the Navya period's turn toward interiority, and finally to a mode of urban writing in which an ordinary garden becomes, in itself, a lens onto the whole of metropolitan life.

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Crossing Borders, Carrying Caste: Dalit Experiences of Migration in Non-Fictional Narratives of Exile, Identity and Diaspora

Rajakumar Baligidad
Assistant Professor in English,
Government First Grade College, Mudhol 587313 Tq Mudhol Dist:Bagalkot
Corresponding Author – Rajakumar Baligidad
DOI - 10.5281/zenodo.23087967

Abstract:

Migration is often described through the language of movement, opportunity, settlement, and adaptation. For Dalits, however, migration is also connected to the question of what happens to caste when a person moves from one social and geographical location to another. Does crossing a national border weaken caste, or does caste travel with the migrant? This research article examines the representation of migration, caste, identity, education, memory, discrimination, and resistance in selected non-fictional and life-narrative works, with particular attention to Paul Ghuman's British Untouchables: A Study of Dalit Identity and Education (2011) and Shweta Majumdar Adur and Anjana Narayan's "Stories of Dalit Diaspora: Migration, Life Narratives, and Caste in the US" (2017). Mary Chamberlain's Narratives of Exile and Return (1997) and Vijay Prashad's The Karma of Brown Folk (2000) are used comparatively to develop a broader understanding of migration, memory, diaspora, race, and South Asian identity. The study uses qualitative textual analysis of these works as its primary corpus and places their arguments in conversation with peer-reviewed scholarship on caste and migration. The analysis suggests that migration does not produce a simple movement from oppression to freedom. Instead, it creates new social spaces in which caste may be concealed, negotiated, reproduced, challenged, or transformed. Education, economic mobility, diasporic networks, and the recovery of personal narrative emerge as important resources through which Dalit migrants negotiate identity. At the same time, the narratives reveal the continuing significance of caste even in societies commonly imagined as "casteless." The article argues that Dalit migration should therefore be understood not merely as geographical mobility but as a complex journey involving memory, dignity, identity, social mobility, and the continuing struggle to live beyond caste.

Keywords: Dalit, Migration, Diaspora, Caste, Life Narratives, Non-Fiction, Identity, Education, Exile, Resistance

Introduction:

Migration is one of the defining experiences of the modern world. People move from villages to cities, from one state to another, and across national borders in search of employment, education, security, dignity, and a better future. Yet migration is never simply a physical movement from one place to another. Migrants carry memories, languages, cultural practices, family histories, social identities, and experiences of discrimination with them. In the case of Dalits, this dimension becomes especially significant because caste is not merely an individual identity; it is a historically structured system of social relations that has affected access to education, employment, residence, social interaction, and dignity.

The relationship between caste and migration is therefore more complicated than the assumption that geographical mobility automatically produces social freedom. Migration can certainly create opportunities for Dalits to

escape restrictive village environments, enter new labour markets, pursue education, and develop new identities. At the same time, caste may be reproduced in new forms in urban and diasporic communities. Recent scholarship has demonstrated that caste continues to shape social relationships beyond India and that its meaning may change according to geographical and generational contexts (Dhanda, 2009; Arya, 2017; Mosse, 2020).

The non-fictional narratives considered in this article are particularly valuable because they allow migration to be examined through lived experience rather than merely through statistics. Paul Ghuman's British Untouchables is based on qualitative fieldwork involving interviews with parents, teachers, and children as well as observations of community life, education, and social relationships (Ghuman, 2011). Adur and Narayan examine Dalit diasporic life narratives in the United States and draw attention to the ways caste identity is remembered, concealed, negotiated, and articulated in diasporic contexts (Adur& Narayan, 2017).

Mary Chamberlain's Narratives of Exile and Return provides a useful comparative framework because it examines Barbadian migration through oral histories and family narratives across generations (Chamberlain, 1997). Although the work is not about Dalits, its treatment of memory, family, exile, return, and migrant identity helps illuminate the narrative dimensions of migration. Similarly, Vijay Prashad's The Karma of Brown Folk examines South Asian American identity, immigration, race, cultural representation, and the "model minority" discourse (Prashad, 2000). It is not a Dalit study, but it is useful for understanding how South Asian migrant identities are shaped by racial and political structures in the United States.

The present study therefore brings these works together without treating them as identical. Its central concern is the specific experience of Dalit migration and the ways in which non-fictional narratives represent the relationship between movement and caste.

Research Problem:

Much migration scholarship has traditionally concentrated on economic mobility, labour markets, remittances, transnational families, assimilation, and integration. Such approaches are important, but they can overlook the particular social histories migrants carry with them.

For Dalit migrants, migration involves an additional question: Can movement across geographical boundaries also become movement across caste boundaries?

This question is particularly important in diasporic contexts. Migration to Britain, the United States, or other countries may place Dalits in societies where caste is less visible in public discourse than in India. Nevertheless, research on Punjabi Dalit youth in Britain has documented continuing experiences of caste-related identity negotiation and discrimination (Dhanda, 2009). Likewise, scholarship on caste in Britain shows that the claim that caste has disappeared outside India is itself contested (Mosse, 2020).

The problem, therefore, is not simply whether caste survives migration. A more productive question is how caste is remembered, concealed, reproduced, challenged, and transformed through migration.

Objectives of the Study:

The study has the following objectives:

- To examine representations of Dalit migration in selected non-fictional and life-narrative texts.
- To analyse the relationship between migration and caste identity.

- To examine how education and economic mobility influence Dalit migrants' sense of identity and dignity.
- To explore the significance of memory, family, exile, and belonging in migration narratives.
- To investigate whether migration creates freedom from caste or merely transforms the ways in which caste is experienced.
- To examine the relationship between caste, race, and diaspora in the selected works.
- To understand life narrative as a form of testimony, self-representation, and resistance.

Research Questions:

The study addresses the following questions:

- How is migration represented in selected Dalit non-fictional narratives?
- What happens to caste identity when Dalits move from India to urban or international spaces?
- Does geographical mobility necessarily result in social mobility?
- What role do education and economic achievement play in negotiating caste identity?
- How do memory and family narratives preserve or challenge experiences of caste?
- How do Dalit migrants negotiate the intersection of caste and race?
- Can life writing become a form of resistance against the historical silencing of Dalit experiences?

Primary Corpus and Methodology:

This study follows a qualitative and interpretative methodology. The primary data consist of four selected non-fictional works:

Mary Chamberlain's Narratives of Exile and Return (1997)

Vijay Prashad's The Karma of Brown Folk (2000)

Paul Ghuman's British Untouchables: A Study of Dalit Identity and Education (2011)

Shweta MajumdarAdur and Anjana Narayan's "Stories of Dalit Diaspora: Migration, Life Narratives, and Caste in the US" (2017)

The four texts are not treated as equivalent sources. The first two provide comparative frameworks for understanding migration, diaspora, memory, race, and South Asian identity, while the latter two constitute the central Dalit-specific corpus.

The primary-text analysis focuses on recurring thematic categories: migration and mobility; caste identity; memory and belonging; education; economic mobility; caste and race; concealment and disclosure; and resistance.

The study also uses peer-reviewed scholarship to contextualise the textual analysis. Dhanda's study of Punjabi Dalit youth, for example, is based on interviews conducted in Punjab and Wolverhampton and examines caste-border crossings and identity negotiation (Dhanda, 2009). Arya investigates intergenerational attitudes towards caste among Hindu Punjabis in Greater Manchester (Arya, 2017). Sunam examines Dalit international labour migration in Nepal and argues that migration can provide resources through which Dalits contest established caste relations (Sunam, 2014). These studies provide useful comparative evidence without being treated as evidence about the particular individuals represented in the primary corpus.

Migration as More Than Geographical Movement:

One of the most important insights emerging from the selected texts is that migration should not be understood simply as the physical act of leaving one place and entering another.

Chamberlain's work is particularly helpful in this respect. Based on oral histories of Barbadian migrants and their families, Narratives of Exile and Return shows how migration is remembered and narrated across generations (Chamberlain, 1997). The migrant experience is therefore not confined to the moment of departure. It continues through memories of home, family relationships, imagined return, and the cultural identities of subsequent generations.

This perspective is useful for reading Dalit migration because caste itself is deeply connected with memory and social history. A migrant does not leave behind the experiences that shaped his or her social identity simply by crossing a border.

For Dalit migrants, the journey can therefore be understood at two levels. The first is geographical: movement from village to town, from rural India to cities, or from India to another country. The second is social and psychological: the attempt to move away from humiliation, restricted occupations, social exclusion, and inherited stigma.

The selected narratives demonstrate that these two journeys do not always coincide. A person may experience considerable geographical mobility while still carrying the memory or social consequences of caste.

Caste Does Not Simply Disappear with Migration:

A common assumption about migration is that a new geographical environment provides an opportunity to begin life afresh. The Dalit narratives complicate this assumption.

Ghuman's study of Dalits in Britain demonstrates that migration and settlement do not automatically eliminate caste identity. His research examines family life, education, socialisation, caste identity, and experiences of discrimination among Dalit communities in Britain (Ghuman, 2011).

The significance of this observation becomes clearer when read alongside Dhanda's study. Her research on Punjabi Dalit youth in India and Wolverhampton shows that young Dalits negotiate caste identity differently according to social context, yet caste continues to influence their relationships and experiences even in Britain (Dhanda, 2009).

Mosse's analysis offers an important theoretical explanation for this continuing presence of caste. His study of India and the United Kingdom shows that claims that caste is irrelevant or absent can themselves become part of struggles over how caste is publicly recognised and understood (Mosse, 2020).

Thus, migration may change the visibility of caste without necessarily eliminating its social significance.

This distinction is crucial. In India, caste may be explicitly identified through family background, locality, occupation, marriage networks, or community relationships. In a diasporic context, caste may become less openly articulated. It may be concealed, assumed, indirectly communicated, or reproduced through community networks.

Adur and Narayan's study is particularly important here because it focuses directly on Dalit diasporic life narratives in the United States. Their analysis shows how caste identity can become a matter of disclosure, concealment, and negotiation in diasporic life (Adur& Narayan, 2017).

The Double Burden of Caste and Race:

Dalit migration to Western societies introduces another dimension: the relationship between caste and race.

Prashad's The Karma of Brown Folk is useful as a broader South Asian framework. His

analysis of South Asians in the United States examines the construction of the "model minority" and the ways South Asian identities are positioned within American racial politics (Prashad, 2000).

For Dalits, however, the racial framework does not replace caste. Instead, caste and race can intersect.

Ghuman's work is significant because it places Dalit identity within British society while examining both caste and wider social relations affecting South Asian communities (Ghuman, 2011). The migrant therefore enters a new social hierarchy without necessarily escaping the old one.

This produces what may be called a layered identity. A Dalit migrant can simultaneously be:

a member of a Dalit community;
a South Asian migrant;
a racialised minority;
a worker or professional;
a member of a particular religious community;
and a citizen or resident of the host country.

These identities may reinforce one another in some circumstances and conflict with one another in others.

The importance of this intersection is also reflected in broader scholarship on caste in diasporic settings. Gorringe, Jodhka, and Takhar (2017) emphasise that caste must be understood as a dynamic social relationship rather than merely as a remnant of tradition. They also highlight the ways caste relations travel across national boundaries.

Education as a Route to Social Mobility:

Education occupies an important place in Dalit narratives of migration and mobility.

Ghuman's British Untouchables gives particular attention to education and the experiences of Dalit children and young people in Britain. His fieldwork examines the relationship between families, schools, teachers, educational expectations, and caste identity (Ghuman, 2011).

Education is important because it represents more than academic achievement. For historically excluded communities, education can become a means of acquiring social confidence, economic independence, professional status, and the ability to challenge inherited social positions.

This relationship between education and mobility should not, however, be understood too simply. Educational achievement may provide individual mobility without necessarily eliminating structural inequality.

The same tension appears in migration. A Dalit migrant may obtain a better occupation, higher income, or professional identity, yet still encounter caste prejudice within family, community, marriage, or social networks.

Consequently, education can transform the conditions of life without automatically transforming every social relationship.

Economic Mobility and the Question of Freedom:

Migration is frequently associated with economic improvement. Migrants often move because they expect better employment, wages, education, or living conditions.

Sunam's research on Dalit international labour migration in Nepal is significant in this regard. His study shows that Dalit migrants can use economic, human, and symbolic resources acquired through migration to challenge established caste relations (Sunam, 2014).

Economic mobility can therefore strengthen agency.

However, the narratives examined here suggest that economic success should not be equated with complete social liberation. A successful migrant may possess greater economic independence while continuing to negotiate caste identity.

Prashad's critique of the "model minority" is relevant at this point. His analysis demonstrates how the apparent economic success of sections of the South Asian immigrant population can be transformed into a broader narrative about minority achievement (Prashad, 2000).

A Dalit perspective complicates such a narrative because economic achievement does not necessarily reveal the full social history of the migrant. A successful professional may have arrived at that position through a long struggle against caste exclusion.

Thus, the question is not simply "How successful is the migrant?" but also "What social barriers had to be crossed in order to achieve that mobility?"

Memory, Family and the Idea of Home:

Migration creates a complicated relationship with home.

Chamberlain's work demonstrates how migrant families maintain relationships with the place of origin through memory, family narratives, cultural practices, and imagined return (Chamberlain, 1997).

This idea of home becomes particularly significant in Dalit life narratives. Home can represent family, language, childhood, community, and cultural belonging. At the same time, it may also recall caste discrimination, poverty, exclusion, or humiliation.

For this reason, the Dalit migrant may experience home in contradictory ways.

Home can be:

a place of belonging;
a place of memory;
a place of family;
a place of cultural identity;

but also a place associated with caste oppression.

The meaning of return therefore becomes complicated. Returning physically does not necessarily mean returning to the same social position. Likewise, leaving does not necessarily mean emotionally abandoning the place of origin. Life narratives make these contradictions visible because they allow migrants to speak about both attachment and alienation.

Concealment, Disclosure and the Negotiation of Dalit Identity:

One of the most significant themes in Dalit diasporic narratives is the question of whether caste identity should be disclosed.

Adur and Narayan's study demonstrates the importance of life narratives in understanding how Dalit identity is articulated within the American diaspora (Adur& Narayan, 2017).

The decision to disclose caste may involve several competing considerations. Concealment may appear to offer protection from discrimination or social exclusion. Disclosure, on the other hand, can become an act of self-recognition and resistance.

This creates a difficult psychological and social negotiation.

A migrant may ask:

- Who needs to know my caste?
- Will disclosure change how others see me?
- Can I participate in a new society without carrying the stigma of my past?
- Is hiding caste a form of survival or a denial of identity?
- Can openly acknowledging Dalit identity become a form of resistance?

These questions demonstrate why migration cannot be reduced to economics. It is also a process of identity formation

Life Narrative as Testimony and Resistance;

The importance of the selected non-fictional works lies not only in what they say about migration but also in the fact that they

provide spaces for experiences that have historically been marginalised.

Life writing allows individuals and communities to speak from experience.

Adur and Narayan's study is especially important because it brings Dalit diasporic narratives into a scholarly conversation from which such voices have often been less visible (Adur& Narayan, 2017).

The act of narrating one's experience can itself be understood as a form of agency. The migrant is no longer merely an object of migration statistics. The migrant becomes a narrator who interprets his or her own journey.

This is particularly significant for Dalit communities because representation has historically been shaped by dominant social groups. A Dalit life narrative changes the direction of representation: instead of being spoken about, the Dalit subject speaks.

Such narratives therefore perform at least three functions:

- Testimonial function – they record experiences of discrimination and exclusion.
- Identity function – they construct and negotiate a sense of self.
- Resistance function – they challenge silence and dominant representations.

Generational Change and the Diasporic Experience:

Migration also changes from one generation to another.

The first generation may remember the village, caste relations, poverty, migration, and the circumstances that led to departure. The second generation may experience caste differently because they have grown up in another social environment.

Arya's study of Hindu Punjabi families in Greater Manchester examines intergenerational differences in attitudes towards caste (Arya, 2017). Such research is valuable for understanding the changing significance of caste among younger generations.

For Dalit families, the younger generation may have greater educational opportunities and may feel more comfortable challenging caste identities. At the same time, they may encounter caste through community networks, marriage expectations, family conversations, or social relationships.

The result is not simply the disappearance of caste but a transformation in how caste is understood.

The younger generation may not experience caste in exactly the same way as their parents, but this does not necessarily mean that caste has become irrelevant.

From Exile to Agency:

The concept of exile is useful but must be handled carefully.

Chamberlain's title, Narratives of Exile and Return, foregrounds the emotional dimension of migration: departure, absence, memory, and the possibility of return (Chamberlain, 1997).

For Dalit migrants, however, migration can involve both involuntary pressures and active aspirations. Some may leave because of limited opportunities or social exclusion; others may move in pursuit of education, employment, professional advancement, or a more dignified life.

Therefore, the Dalit migrant should not be represented only as a victim.

The narratives reveal agency alongside vulnerability.

Migration can provide access to:

education;
employment;
economic independence;
new social networks;

international visibility;
political organisation;
and new forms of anti-caste identity.

Sunam's research demonstrates that migration can generate resources through which Dalits challenge caste relations (Sunam, 2014). Similarly, the emergence of Dalit diasporic life narratives demonstrates that migration can create new spaces for articulating caste-based experiences and resistance (Adur& Narayan, 2017).

Major Findings:

The textual analysis leads to several interconnected findings.

- **Migration is both physical and social:** Dalit migration involves geographical movement, but it also represents an attempt to move away from inherited social restrictions. The two forms of movement do not always produce the same result.
- **Caste travels:** The evidence does not support the assumption that caste simply disappears after migration. Instead, caste may become less visible, change its form, or be negotiated differently in diasporic environments (Ghuman, 2011; Dhanda, 2009; Mosse, 2020).
- **Mobility does not automatically mean liberation:** Economic and educational advancement can strengthen individual agency, but structural and social inequalities may continue.
- **Education is a significant resource:** Education appears as an important route towards economic independence and the reconstruction of selfhood, particularly in Ghuman's study (Ghuman, 2011).
- **Diaspora creates new identity negotiations:** Dalit migrants negotiate caste alongside race, ethnicity, nationality, religion, class, and generational identity.
- **Memory connects past and present:** Migration does not erase the past. Family memories and narratives continue to connect migrants with places and experiences left behind (Chamberlain, 1997).
- **Life writing creates visibility:** Dalit life narratives challenge the historical absence or marginalisation of Dalit voices within broader accounts of Indian migration and diaspora (Adur& Narayan, 2017).
- **Migration can create new forms of resistance:** Migration provides new geographical and social spaces in which Dalit identity can be reinterpreted and anti-caste claims can be articulated.

Discussion

The central argument of this article is that Dalit migration should not be understood through a simple opposition between oppression in India and freedom abroad.
Such a binary is inadequate.

The selected works demonstrate a more complicated pattern. Migration can create distance from particular caste practices, provide economic and educational opportunities, and offer new forms of anonymity. At the same time, caste may reappear through community networks, marriage practices, social relationships, cultural organisations, or inherited identity.

This complexity is consistent with contemporary scholarship. Dhanda's study of Dalit youth in Punjab and Wolverhampton demonstrates that caste identity is negotiated differently in different contexts, while still remaining socially meaningful (Dhanda, 2009). Arya's research similarly points to generational changes in attitudes towards caste without assuming that caste has simply disappeared (Arya, 2017). Mosse's analysis further demonstrates that claims of being "outside caste"

can themselves become part of the politics surrounding caste recognition (Mosse, 2020).

The Dalit migrant therefore occupies an in-between space. The migrant may be physically distant from the original caste environment while remaining connected to it through family, memory, community, and identity.

This is where the non-fictional narrative becomes especially important. Statistics can tell us how many people migrate, where they migrate, and perhaps why they migrate. Life narratives can show what migration feels like, what is remembered, what is forgotten, what is hidden, and what is reclaimed.

Conclusion:

Dalit migration is not merely a story of departure and settlement. It is a story of movement through multiple social worlds.

The non-fictional narratives examined in this study reveal that Dalit migrants cross geographical borders without necessarily leaving caste completely behind. Caste may become less visible, acquire new meanings, or intersect with racial and diasporic identities. Migration can provide education, employment, economic independence, and new possibilities for self-definition, but it does not guarantee the disappearance of inherited social hierarchies.

The comparative use of Chamberlain and Prashad helps broaden the understanding of migration as a narrative experience involving memory, identity, race, family, and belonging. However, the Dalit-specific studies of Ghuman and Adur and Narayan remain central because they place caste at the heart of the migrant experience.

The most significant contribution of these narratives is perhaps their insistence that Dalit migrants should not be represented only as victims of caste or as beneficiaries of migration. They are subjects who remember, negotiate, resist, adapt, conceal, disclose, and redefine themselves.

Migration can therefore be understood as a journey towards agency rather than an automatic journey towards liberation.

The Dalit migrant carries memories of caste but can also carry the possibility of challenging those memories. Education can become a resource; economic mobility can become a source of independence; diaspora can become a space of solidarity; and life writing can become a means of reclaiming a voice.

The journey across borders, therefore, does not end with arrival. It continues through the difficult work of negotiating identity and dignity in new social worlds.

In this sense, the most meaningful question is not simply whether Dalits escape caste through migration. The more revealing question is what migrants do with the caste identities, memories, and experiences they carry with them. The selected non-fictional narratives suggest that the answer lies in a continuing process of negotiation, resistance, and self-definition.

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The Mahābhārata as a Cultural Heritage: Traditions, Values and Identity

Dr. Tejaswini Bidari
Research Asistant, Karnatak Sanskrit University,Bangluru
Corresponding Author – Dr. Tejaswini Bidari
DOI - 10.5281/zenodo.23087984

Abstract:

The Mahābhārata is not merely one of the great epics of India; it is a vast repository of Indian cultural memory, social traditions, ethical values and collective identity. Traditionally attributed to Maharṣi Vyāsa, the epic encompasses political history, social institutions, religious practices, philosophical reflections, family relationships, educational traditions and numerous customs that shaped the Indian cultural imagination. The Mahābhārata itself declares its comprehensive character through the famous statement, "What is found here may be found elsewhere, but what is not found here cannot be found anywhere else." Although this statement is traditionally understood as expressing the encyclopaedic nature of the epic, it also indicates its extraordinary cultural breadth.

The Mahābhārata preserves various dimensions of cultural heritage through its representation of family structures, marriage customs, education, guru–śiṣya relationships, rituals, pilgrimage, kingship, social duties, hospitality, charity and ethical conduct. At the same time, the epic does not present culture as static or uniform. It portrays conflicts between individual desire and social duty, tradition and change, power and morality, thereby revealing the dynamic nature of Indian cultural consciousness. The concepts of dharma, satya, tyāga, dāna, śraddhā, guru-bhakti, ātmasaṃyama and lokasaṃgraha constitute important elements of its value system.

This paper examines the Mahābhārata as a cultural heritage text and explores how its traditions and values contribute to the formation and continuity of Indian cultural identity. It also considers the contemporary relevance of these cultural ideals.

Keywords: Mahābhārata, Cultural Heritage, Indian Culture, Tradition, Identity, Dharma, Values.

Introduction:

Culture is the accumulated expression of the experiences, beliefs, values, customs, knowledge and practices of a community. It is transmitted from one generation to another and provides individuals with a sense of belonging and identity. Cultural heritage therefore consists not only of monuments and material objects but also of stories, languages, rituals, customs, philosophical ideas, ethical principles and collective memories.

In the Indian context, literary works have played an important role in preserving and transmitting cultural heritage. Among them, the Mahābhārata occupies a unique position. It is simultaneously an epic, a cultural document, a repository of traditions and a reflection of social life. Its narrative extends far beyond the conflict between the Pāṇḍavas and Kauravas. Through numerous characters and episodes, it presents different dimensions of human life and society.

The Mahābhārata contains discussions concerning kingship, family, education, marriage, social responsibility, religious observances, pilgrimage, charity, war, peace and moral conduct. The Bhagavadgītā, embedded within the epic, provides an influential philosophical interpretation of dharma, action, knowledge and devotion. The Śāntiparvan and Anuśāsanaparvan contain extensive discussions of political ethics,

social responsibilities, charity and righteous conduct.

Thus, the Mahābhārata may be understood as a cultural archive in which different aspects of Indian civilization are preserved through narrative.[1]

The Mahābhārata as Cultural Memory:

One of the most significant characteristics of the Mahābhārata is its ability to preserve cultural memory. It remembers not only kings and battles but also sages, teachers, women, ordinary social practices, rituals and moral dilemmas.

The epic connects individual memory with collective memory. The experiences of Bhīṣma, Kuntī, Draupadī, Yudhiṣṭhira, Arjuna, Karṇa and other characters become part of a larger cultural narrative. Through these characters, questions concerning duty, honour, loyalty, justice, sacrifice and identity are explored.

The Mahābhārata also contains genealogical traditions[2]. The histories of the Kuru dynasty and other royal families establish a connection between the present and the past. Genealogy was an important component of traditional Indian historical consciousness because identity was frequently connected with family, lineage and ancestry.

The epic therefore demonstrates that cultural identity is not formed in isolation. It emerges through relationships with family, ancestors, teachers, communities and inherited traditions.

Family and Social Relationships:

The family occupies a central position in the Mahābhārata. The narrative itself is constructed around a complex family relationship between the Pāṇḍavas and Kauravas.

The epic presents several forms of family relationships: parent and child, brothers and sisters, husband and wife, teacher and student, and relationships between elders and younger members. Bhīṣma's dedication to the Kuru dynasty, Kuntī's responsibilities towards her sons, Vidura's counsel and Yudhiṣṭhira's respect for elders illustrate the importance attached to familial and social responsibilities.

At the same time, the Mahābhārata does not present family life as free from conflict. Jealousy, rivalry, attachment and differences of opinion repeatedly create tension. This is culturally significant because the epic does not idealize social institutions without qualification. Instead, it explores the difficulties involved in maintaining dharma within those institutions.

The family in the Mahābhārata is therefore both a source of identity and a field of ethical responsibility.

Marriage and Cultural Traditions:

Marriage is another important cultural institution represented in the epic. The marriage of Draupadī with the five Pāṇḍavas is one of the most distinctive episodes of the Mahābhārata.[3] The marriages of Subhadrā, Hidimbā, Ulūpī and Citrāṅgadā also reveal diversity in marital relationships.

The epic contains references to different forms of marriage and to various customs surrounding marriage. The svayaṃvara tradition, in particular, demonstrates the cultural significance attached to marriage alliances among royal families.

The episode of Draupadī's marriage also illustrates the complexity of cultural traditions. Her marriage to five brothers is presented as an exceptional circumstance rather than as a simple social norm. The narrative uses the episode to raise questions about destiny, family tradition and social responsibility.

Thus, the Mahābhārata preserves evidence of diverse social practices while simultaneously encouraging reflection upon them.

Education and the Guru–Śiṣya Tradition:

Education constitutes another significant aspect of cultural heritage in the Mahābhārata. The relationship between Droṇa and his disciples, particularly Arjuna, represents the importance given to the teacher–student relationship.[4]

Arjuna's dedication to learning archery is repeatedly emphasized. His discipline, concentration and commitment to his teacher represent qualities traditionally associated with śiṣya-dharma.

The story of Ekalavya, however, presents a much more complex perspective. Ekalavya's dedication to learning, his self-training and his relationship with Droṇa raise questions concerning access to education, social hierarchy and the responsibilities of teachers and students.

The presence of such a story within the epic is important because it demonstrates that Indian cultural texts do not merely preserve ideals; they also preserve tensions and contradictions within society.

The educational traditions represented in the Mahābhārata therefore provide material for understanding both the ideals and the complexities of ancient Indian education.

Dharma as the Foundation of Cultural Identity:

Perhaps the most important cultural concept of the Mahābhārata is dharma. The epic repeatedly asks: What is dharma? How should a person act when different duties conflict? What happens when social duty and personal morality appear to contradict each other?

Yudhiṣṭhira is particularly associated with the pursuit of dharma. His decisions are frequently tested through difficult circumstances. Arjuna's crisis on the battlefield of Kurukṣetra provides another major exploration of duty.

In the Bhagavadgītā, Kṛṣṇa teaches Arjuna about the importance of performing one's duty without attachment to the fruits of action:

कर्मण्येवाधिकारस्ते मा फलेषु कदाचन ।

The teaching does not simply promote action; it emphasizes responsible action performed with the right understanding.[5]

The Mahābhārata therefore presents dharma not as a rigid formula but as a complex principle requiring discernment, responsibility and reflection.

This is one reason why the epic continues to influence Indian ethical thought.

The Cultural Value of Truth:

Truth (satya) is another major value in the epic. Yudhiṣṭhira is popularly remembered as a person devoted to truth. However, the narrative surrounding the death of Droṇa demonstrates the complexity of truth and ethical responsibility.

Yudhiṣṭhira's statement concerning Aśvatthāman becomes an important moral dilemma. The episode illustrates that truthfulness is not always a simple matter of words. Context, intention and consequences can complicate ethical decisions.

The epic thereby encourages deeper reflection on the relationship between truth, duty and social responsibility.

Hospitality, Charity and Compassion:

Hospitality and charity constitute important elements of Indian cultural heritage represented in the Mahābhārata.

The tradition of respecting guests is repeatedly emphasized. The idea that a guest should be treated with honour reflects the cultural principle of atithi-satkāra.

Charity (dāna) is extensively discussed, especially in the Anuśāsanaparvan. Giving is

presented not merely as material distribution but as an ethical practice connected with compassion, responsibility and social welfare.

Karna's reputation for generosity has become an enduring part of Indian cultural memory. His generosity is remembered even though his life contains numerous moral complexities.

Through such narratives, the epic communicates the cultural ideal that wealth acquires greater value when it contributes to the welfare of others.

Pilgrimage and Sacred Geography:

The Mahābhārata also preserves the cultural geography of India. The Tīrthayātrā traditions described in the epic connect sacred places with religious memory.

Pilgrimage is presented as a means of purification, spiritual reflection and cultural connection. Rivers, mountains, forests and sacred places become part of a shared cultural landscape.

The extensive references to geographical locations demonstrate how sacred geography contributed to the formation of a broader cultural consciousness. People belonging to different regions could participate in common stories associated with sacred places.

In this sense, the Mahābhārata contributed to creating cultural connections across geographical diversity.

Kingship and Political Culture:

The epic contains extensive discussions of kingship and governance. A ruler is expected to protect the people, uphold justice and act according to dharma.

The Rājasūya sacrifice performed by Yudhiṣṭhira represents royal authority, while the Śāntiparvan provides detailed discussions concerning the duties of a king.

Bhīṣma's teachings to Yudhiṣṭhira after the war emphasize that political power carries moral responsibility. A king cannot consider personal interest alone; the welfare of the people must remain central.

The principle of rājadharma therefore constitutes an important part of the political heritage represented by the epic.

Women and Cultural Identity:

Women occupy a significant and complex position in the Mahābhārata. Characters such as Kuntī, Gāndhārī, Draupadī, Satyavatī and Subhadrā contribute substantially to the narrative.

Draupadī in particular represents strength, dignity, intelligence and resistance to injustice. Her questioning in the Kuru assembly is one of the most powerful moments in the epic.

Gāndhārī's moral criticism of the Kuru leadership and Kuntī's endurance under difficult circumstances demonstrate different dimensions of women's agency.

At the same time, the experiences of these women reveal restrictions and vulnerabilities within the social order. Therefore, the Mahābhārata provides valuable material for examining both the status of women and the cultural expectations placed upon them.

Their stories have continued to influence Indian literary and cultural traditions.

Krishna and the Cultural Ideal of Guidance:

Śrī Kṛṣṇa occupies a distinctive position in the Mahābhārata. He is simultaneously a friend, diplomat, strategist, philosopher and spiritual guide.

His role in the epic demonstrates the importance of wise counsel in human life. Rather than simply exercising physical power, Kṛṣṇa frequently attempts to resolve conflicts through dialogue and diplomacy.

His teachings to Arjuna in the Bhagavadgītā have become one of the most influential components of Indian philosophical heritage.

The concepts of karma-yoga, jñāna-yoga and bhakti-yoga have influenced generations of thinkers and practitioners. Consequently, Kṛṣṇa's cultural significance extends far beyond the narrative of the Kurukṣetra war.

Cultural Diversity within the Mahābhārata:

The Mahābhārata should not be understood as presenting a single, uniform cultural model. It contains numerous communities, kingdoms, traditions and social practices.

Characters and groups from different geographical regions participate in the narrative. The marriages of characters such as Arjuna with Ulūpī and Citrāṅgadā, and his relationship with Subhadrā, demonstrate interaction among different cultural communities.

The epic therefore presents diversity as an intrinsic part of the cultural world.

This feature is especially relevant to contemporary discussions of Indian identity. Indian culture has historically developed through interaction among different regional, linguistic and social traditions.

Cultural Heritage and Oral Tradition:

The continued popularity of the Mahābhārata is closely connected with oral and performative traditions.

The epic has been transmitted not only through manuscripts and printed books but also through storytelling, theatre, dance, music, folk traditions, temple performances, regional literature and modern visual media.

Different Indian languages have produced their own versions, adaptations and interpretations of the epic. Kannada, Telugu, Tamil, Malayalam, Bengali, Hindi and other literary traditions have incorporated Mahābhārata narratives in distinctive ways.

This process demonstrates that cultural heritage remains alive when communities reinterpret inherited narratives according to changing circumstances.

The Mahābhārata and Contemporary Identity:

The continuing relevance of the Mahābhārata demonstrates the relationship between heritage and identity.

Modern individuals may not reproduce the social structures of the epic period, yet the questions raised by the epic remain relevant: What is justice? What is duty? How should power be exercised? What responsibilities do individuals have towards family and society? How should conflicts be resolved? What is the relationship between personal freedom and social responsibility?

The epic does not always provide simple answers. Instead, it encourages reflection through conflicting characters and situations.

This capacity for reinterpretation is one of the strongest characteristics of living cultural heritage.

Cultural Continuity and Change:

Heritage is not simply the preservation of the past. It also involves reinterpretation.

The Mahābhārata has survived for centuries because successive generations have found new meanings in it. Draupadī has been interpreted from religious, literary, feminist and social perspectives. Karṇa has been interpreted as a tragic hero, a symbol of social exclusion and a figure of generosity. Kṛṣṇa has been understood through devotional, philosophical and literary perspectives.

Such multiple interpretations demonstrate that cultural identity is dynamic.

The continuing engagement with the Mahābhārata shows that tradition does not necessarily oppose change. Instead, tradition can provide a foundation upon which new interpretations and identities are constructed.

Ethical Heritage of the Mahābhārata:

The ethical heritage of the epic may be summarized through several values:

1. Dharma – responsibility and righteous conduct
   - Satya – truthfulness
   - Dāna – generosity
   - Tyāga – sacrifice
   - Kṣamā – forgiveness
   - Śauca – purity
   - Śraddhā – faith and reverence
   - Guru-bhakti – respect for teachers
   - Atithi-satkāra – hospitality
   - Lokasaṃgraha – concern for social welfare
   - Ātmasaṃyama – self-control

These values form an important part of the ethical vocabulary of Indian culture.

However, the epic's greatest contribution may lie not simply in listing virtues but in demonstrating the difficulties involved in practising them.

Conclusion:

The Mahābhārata is an extraordinary representation of Indian cultural heritage. Its significance extends beyond its narrative of the Kurukṣetra war. It preserves cultural memories, family traditions, educational practices, marriage customs, political ideals, religious practices, pilgrimage traditions and ethical principles.

At the centre of this heritage stands the concept of dharma. The epic repeatedly demonstrates that human life involves difficult choices and that ethical responsibility cannot always be reduced to simple rules.

The Mahābhārata also presents cultural diversity. Its numerous characters, communities, geographical references and traditions demonstrate the plurality of Indian civilization. Its transmission through Sanskrit literature, regional languages, oral traditions, theatre, dance, music and contemporary media has ensured its continued cultural presence.

Most importantly, the epic remains relevant because it allows every generation to ask its own questions. Its characters are not merely figures of the past; they continue to function as cultural symbols through whom society examines questions of justice, identity, duty, power, relationships and morality.

Therefore, the Mahābhārata may rightly be regarded as a living cultural heritage. It preserves the memory of the past while continuously generating new interpretations in the present. Its cultural legacy lies not merely in the preservation of ancient customs but in its ability to transmit values, stimulate reflection and connect successive generations with a shared civilizational memory.

In the context of History, Heritage, Culture and Identity, the Mahābhārata thus represents a remarkable bridge between the past and the present. Its traditions provide continuity, its ethical dilemmas encourage reflection, and its diverse characters and narratives contribute to the continuing construction of Indian cultural identity.

Foot Notes:

1. Mahābhārata, Ādi Parvan, 1.56.33
2. Mahābhārata, Śānti Parvan, 109–123
3. Mahābhārata, Anuśāsanaparvan, especially chapters 57–60 and related sections on dāna
4. Mahābhārata, Ādi Parvan, 130–134 — useful for the discussion of Droṇa, Arjuna and

Ekalavya, particularly the educational and guru–śiṣya tradition in Section 5.

5. Mahābhārata, Vana Parvan, 313–314

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Shilpa Shastra and Contemporary Art: Tradition and Transformation

Dr. Madhumati S. Shivapuji
Karnataka Historical Research Society,
DWR/ Guest Faculty, KUD DWR
Corresponding Author – Dr. Madhumati S. Shivapuji
DOI - 10.5281/zenodo.23087999

Abstract:

Indian visual culture has evolved through a long interaction between artistic practice, philosophy, literature, aesthetics and technical knowledge. Traditional Indian texts associated with Shilpa Shastra, Chitrasutra, Nāṭyaśāstra and other aesthetic traditions provide important ideas concerning form, proportion, expression, beauty, symbolism and the relationship between the visible and the inner dimensions of experience. These principles contributed to the development of painting, sculpture, architecture and other artistic practices.

The present paper examines the continuity and transformation of selected principles of Shilpa Shastra in relation to contemporary Indian visual art. The study does not consider tradition as a fixed system, but investigates how traditional concepts are adapted, reinterpreted and sometimes questioned within changing social and cultural contexts. Particular attention is given to pramāṇa, rūpabheda, bhāva, rasa, sādṛśya, symbolism and aesthetic experience.

The transition from classical and traditional art practices to modern and contemporary art has introduced new materials, technologies, individual artistic expressions and new concerns relating to identity, gender, ecology, cultural memory and globalization. Artists such as Jamini Roy, Nandalal Bose and K. G. Subramanyan demonstrate different ways in which Indian artistic traditions interacted with modern artistic languages. Contemporary Indian art therefore provides an important field for examining the relationship between tradition and transformation.

The paper adopts a qualitative and interdisciplinary methodology combining textual analysis, art-historical study and visual interpretation. It argues that the relevance of Shilpa Shastra today need not be understood as literal adherence to ancient rules; rather, its concepts can provide a framework for understanding Indian approaches to form, proportion, expression, symbolism and aesthetic experience.

Keywords: Shilpa Shastra, Indian Visual Culture, Indian Aesthetics, Contemporary Art, Sanskrit Texts, Tradition, Transformation, Cultural Identity.

Introduction:

Indian art has developed within a cultural environment in which art, philosophy, literature, religion, society and everyday life were closely interconnected[1]. Painting, sculpture, architecture, dance and drama were not always treated as completely separate disciplines. Kapila Vatsyayan has emphasized that Indian arts historically developed through interrelationships and a shared worldview, while also allowing different media and artistic forms to maintain their individual characteristics.

Within this broad artistic tradition, Shilpa Shastra occupies an important position [2]. The term shilpa broadly relates to artistic and creative practice, while the various shilpa and architectural texts contain discussions of proportion, measurement, iconographic characteristics, materials, forms and methods of artistic production. Some of traditions textual such as the Viṣṇudharmottara Purāṇa, Mānasāra, Mayamata,

Śilparatna, Samarāṅgaṇa Sūtradhāra and other texts provide valuable evidence for studying Indian artistic thought [3].

The Viṣṇudharmottara Purāṇa, particularly its Citrāsūtra, is significant for the study of Indian painting theory. The tradition associated with the six limbs of painting includes rūpabheda, pramāṇa, bhāva, lāvaṇya-yojana, sādṛśya and varṇikābhaṅga. IGNCA's Indian Aesthetics curriculum also identifies the Viṣṇudharmottara Purāṇa, the six limbs of Indian painting, Nātyaśāstra, rasa and bhāva as important areas for understanding Indian aesthetic thought.

However, contemporary Indian art operates within a substantially different environment. Modernism, globalization, new media, technology, changing social identities and individual artistic expression have transformed artistic practice. Therefore, the important research question is not whether contemporary artists simply reproduce Shilpa Shastra, but how traditional ideas survive, change and acquire new meanings in contemporary visual culture.

This paper therefore examines the relationship between traditional Indian artistic knowledge and contemporary visual practice through the concepts of continuity, transformation and reinterpretation.

My Paper Main Discussion:

Shilpa Shastra as a Knowledge Tradition: Shilpa Shastra should not be understood merely as a collection of technical rules. It represents a broader knowledge system involving form, measurement, material, symbolism and artistic practice.

The relationship between śāstra and prayoga is particularly important. Traditional artistic knowledge becomes meaningful when theoretical principles are examined alongside actual artistic practice. An IGNCA lecture on Indian arts specifically discusses this historical relationship between śāstra and prayoga.

Six Limbs of Indian Painting: One of the strongest Sanskrit shloka for my paper is:

रूपभेदाः प्रमाणानि भावलावण्ययोजनम् ।

सादृश्यं वर्णिकाभङ्ग इति चित्रं षडङ्गकम् ॥[4]

The six principles are:

1. Rūpabheda : differentiation of forms
2. Pramāṇa : proportion/measurement
3. Bhāva – expression/emotion
4. Lāvaṇya-yojana – arrangement of beauty/grace
5. Sādṛśya – resemblance
6. Varṇikābhaṅga – artistic handling of colour/brush

The verse is found in the tradition of the Kāmasūtra and its Jayamaṅgalā commentary and is also discussed in modern educational material on Indian art.

Rasa And Bhāva:

Indian aesthetic thought gives considerable importance to emotional and aesthetic experience [5].

The concept of rasa is particularly useful for your paper because contemporary art often seeks to generate an experience in the viewer rather than merely reproduce an object.

Therefore the Indian traditional aesthetics provides us conceptual vocabulary for discussing: Emotion, Mood, Empathy, Aesthetic Experience, Symbolic Representation, Viewer Response

From Tradition to Modern Indian Art:

The transition to modern Indian art did not mean a complete rejection of Indian traditions[6]. For example, **Jamini Roy** drew from traditional Indian patha painting, while also engaging with modern art. Nandalal Bose worked on environment at Santiniketan, that emphasized Indian traditions and handicrafts. K. G. Subramanyan brought together contemporary art, popular culture, folk art and urban trends.

This demonstrates that the relationship between tradition and modernity can be understood as interaction rather than simple opposition.

Some Of Contemporary Artists:

A. **A. K. G. Subramanyan:** His work demonstrates the interaction between, Folk Art, Craft Traditions, Popular Culture, Modern Art, Contemporary Visual Language. The Metropolitan Museum notes that Subramanyan consciously brought together contemporary art with popular culture and folk art with urban trends. his practice can be discussed as an example of how traditional visual languages can be transformed rather than merely preserved.

B. **Jamini Roy:** Jamini Roy is eminent artist, who used visual elements associated with traditional Bengali patha painting while developing a modern artistic language. The Metropolitan Museum describes his work as bringing together traditional Indian pat painting and European modern art. This provides us an example of transformation of traditional form within modern artistic practice.

C. **Nandalal Bose:** Nandalal Boseis a respected artist and a very important person who created link between Indian cultural traditions and modern Indian art. His association with Santiniketan and its emphasis on Indian traditions and handicrafts makes him particularly useful for discussing cultural identity and modern Indian artistic education.

D. **D. M. F. Husain:** Husain is a famous artist, discussed in relation to the transformation of Indian mythological and cultural imagery through modernist visual language.

Contemporary Issues:

1. **Cultural Identity:** Traditional visual symbols can become important resources for negotiating Indian cultural identity in a globalized art environment.
2. **Globalization:** Indian artists increasingly encounter global art movements, materials and exhibition systems. The resulting art may combine Indian cultural references with international contemporary practices.
3. **Technology:** Digital painting, photography, animation, video, 3D modelling and AI-based visual tools have expanded the possibilities of artistic production.

This is the central argument of my paper:

The contemporary relevance of Shilpa Shastra does not necessarily lie in reproducing its historical rules literally; rather, its concepts of form, proportion, expression, beauty, symbolism and aesthetic experience can provide a framework for understanding the continuing transformation of Indian visual culture.

Conclusion:

The journey from Shilpa Shastra to contemporary Indian art demonstrates that tradition and modernity need not be understood as mutually exclusive categories. Indian visual culture has continuously responded to changing historical, social and technological circumstances while retaining relationships with older aesthetic and symbolic traditions.

Concepts such as Shadagas and rasa provide important conceptual tools for understanding Indian approaches to visual representation and aesthetic experience. However, their contemporary relevance should be examined through reinterpretation rather than through an assumption of unchanged continuity.

The works and practices of artists such as Jamini Roy, Nandalal Bose and K. G.

Subramanyan demonstrate different forms of engagement with Indian artistic traditions and modern visual languages.

Thus, Shilpa Shastra can be approached not merely as a historical record but as a source for research into India's continuing visual culture. Its concepts can contribute to contemporary discussions on cultural identity, heritage, technology, artistic freedom and the changing relationship between tradition and innovation.

The movement from Shilpa Shastra to contemporary art is therefore not simply a movement from the past to the present. It is a continuing dialogue between knowledge and practice, tradition and innovation, cultural memory and contemporary experience.

Footnotes:

1. Kapila Vatsyayan, The Square and the Circle of the Indian Arts, New Delhi: Roli Books.
2. Ananda K. Coomaraswamy, The Transformation of Nature in Art, New Delhi: Munshiram Manoharlal.
3. Viṣṇudharmottara Purāṇa, Citrāsūtra; Mānasāra; Mayamata; Śilparatna; and Samarāṅgaṇa Sūtradhāra.
4. Vātsyāyana, Kāmasūtra, discussion of ālekhya and the six limbs of painting; see also Yashodhara's Jayamaṅgalā commentary.
5. Bharata, Nāṭyaśāstra, chapters dealing with rasa and bhāva.
6. Partha Mitter, The Triumph of Modernism: India's Artists and the Avant-Garde, 1922–1947, London: Reaktion Books.

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1. Bharata. Nāṭyaśāstra. Various editions. Varanasi: Chowkhamba Sanskrit Series.
2. Vātsyāyana. Kāmasūtra, with Yashodhara's Jayamaṅgalā commentary. Various Sanskrit editions
3. Viṣṇudharmottara Purāṇa. Citrāsūtra. Various editions.
4. Mānasāra. Edited editions of the Sanskrit architectural text.
5. Śilparatna. Various Sanskrit editions.
6. Bhojadeva. Samarāṅgaṇa Sūtradhāra. Various editions.
7. Coomaraswamy, Ananda K. The Transformation of Nature in Art. New Delhi: Munshiram Manoharlal / related reprints.
8. Coomaraswamy, Ananda K. The Dance of Shiva: Essays on Indian Art and Culture. New York: The Sunrise Turn, 1918.

The painting reflects the continuity of traditional Indian aesthetic principles through contemporary visual expression. It combines traditional forms, symbolism and imotional values with modern artistic interpretation.



Indian Temple Sculpture



Tradition Indian Painting



Jamini Roy



Nandalal Bose



K. G. Subramanyam



M. F. Husen

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Contemporary Indian Society Through the Lens of Literature

Miss. Manisha V. Padatare
Assistant Lecturer, Dept. of English,
B.LD.E.A'S Commerce BHS Arts and TGP Science College, Jamkhandi. Dist: Bagalakot, Karnataka
Corresponding Author – Miss. Manisha V. Padatare

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Abstract:

Literature has long served as a significant cultural record through which the social realities, conflicts, aspirations, and transformations of India can be understood. Contemporary Indian society is characterised by remarkable diversity as well as by complex tensions involving caste, class, gender, religion, regional identity, urbanisation, migration, economic liberalisation, globalisation, technology, and changing family structures. Indian literature responds to these developments not merely by representing society but also by questioning established assumptions and giving expression to experiences that may remain invisible in dominant social narratives. This paper examines contemporary Indian society through the lens of literature, focusing particularly on the ways in which modern Indian writers represent social inequality, caste discrimination, gender relations, marginalisation, urban transformation, migration, globalisation, cultural identity, and technological change. The study draws upon selected works by writers such as Arundhati Roy, Aravind Adiga, Amitav Ghosh, Anita Desai, Bama, Meena Kandasamy, Rohinton Mistry, Jhumpa Lahiri, Vikram Chandra, Kiran Desai, and Samit Basu, along with significant traditions of Indian writing in regional languages. The paper adopts a qualitative and interpretative methodology informed by postcolonial studies, cultural studies, feminist criticism, Dalit studies, and sociological approaches to literature. It argues that contemporary Indian literature provides a multilayered representation of a society undergoing rapid transformation while continuing to negotiate deeply rooted structures of inequality and cultural memory. Literary narratives reveal that economic development and technological advancement do not necessarily eliminate older forms of social hierarchy; instead, traditional structures may coexist with new forms of mobility, consumption, aspiration, and digital participation. Dalit and marginalised writing challenges inherited structures of representation by foregrounding lived experience and asserting the importance of voice, dignity, and social recognition. Women's writing similarly exposes the intersections of patriarchy, caste, class, family, labour, sexuality, and social expectation. Urban and diasporic fiction explores changing identities produced by migration and globalisation, while contemporary speculative and digital narratives examine the effects of surveillance, data, artificial intelligence, and technological power on everyday life. Recent scholarship on Indian fiction likewise identifies new urban realism, gender and secular history, and the relationship between globalisation and the past as important concerns of twenty-first-century Indian writing. The paper therefore proposes that literature should be understood not simply as a mirror of contemporary India but as an interpretative space in which social realities are examined, contested, remembered, and reimagined. By bringing together diverse literary voices and regional perspectives, the study demonstrates that Indian literature provides an important framework for understanding the complexity of contemporary Indian society and its continuing negotiation between tradition and modernity, locality and globality, inequality and aspiration, memory and change.

Keywords: Contemporary Indian Literature; Indian Society; Caste; Gender; Class; Globalisation; Migration; Identity; Technology; Cultural Change.

Introduction:

India is a society of extraordinary linguistic, cultural, religious, regional, and social diversity. Its contemporary social landscape has been shaped by a long history of colonialism, nationalism, constitutional democracy, caste structures, social reform, economic liberalisation, urbanisation, migration, globalisation, and technological development. These forces do not operate independently. They intersect in everyday life and produce new forms of opportunity as well as new forms of inequality. Literature provides one of the most sensitive cultural spaces through which these complex processes can be examined.

The relationship between literature and society has always been significant in the Indian context. From classical and medieval literary traditions to Bhakti poetry, reformist writing, nationalist literature, Progressive writing, Dalit literature, feminist writing, regional literatures, and contemporary Indian English fiction, literary production has responded to changing social conditions. Literature has preserved collective memories, questioned social practices, represented marginalised communities, and imagined alternative forms of social existence. It has also provided a means through which individuals and communities articulate experiences that dominant institutions may fail to recognise.

Contemporary Indian literature is particularly important because it emerges from a society experiencing rapid and sometimes contradictory transformation. Economic liberalisation has expanded consumer culture, professional mobility, and new middle-class aspirations, while poverty, informal labour, caste discrimination, gender inequality, and social exclusion continue to shape the lives of millions. Urban spaces have expanded and transformed, yet rural communities remain central to India's social and cultural imagination. Digital communication has created new forms of literary production and readership, but unequal access to technology continues to affect participation. Globalisation has encouraged cultural exchange and mobility while simultaneously raising questions about cultural homogenisation, linguistic hierarchy, and the commodification of culture.

The contemporary Indian novel provides a particularly productive site for examining these contradictions. As the Oxford Research Encyclopedia observes, twenty-first-century Indian fiction increasingly turns towards specific regional and cultural frameworks rather than attempting to represent the entirety of India through a single national narrative. It identifies significant tendencies including new urban realism, gender and secular history, and the relationship between globalising India and its past. This movement towards regional and socially specific narratives is important because India cannot adequately be understood through a single cultural or linguistic perspective.

The study of contemporary Indian society through literature therefore requires attention to plurality. A novel set in Kerala, a Dalit autobiography from Tamil Nadu, a Kannada novel about rural transformation, a Bengali narrative of migration, a Hindi account of urban life, or an Indian English novel about globalisation may reveal different dimensions of social reality. These works should not be treated as transparent sociological documents. Literature transforms experience through narrative, metaphor, characterisation, language, memory, and imagination. Its social significance lies precisely in this interpretative capacity.

This paper examines selected literary representations of contemporary Indian society through several interconnected themes: caste and social hierarchy, gender and women's experience,

class and economic inequality, rural and urban transformation, migration and displacement, globalisation and cultural identity, religious and communal tensions, regional and linguistic diversity, technology and digital culture, and the relationship between memory and modernity. The central argument is that contemporary Indian literature does not simply reproduce social reality. It interprets social change and creates a critical space in which established structures can be questioned and alternative possibilities imagined.

Literature as a Cultural Record of Indian Society:

Literature is often described as a mirror of society, but the metaphor of the mirror is insufficient. A mirror reflects, whereas literature selects, rearranges, interprets, and gives meaning to experience. A literary text can make visible aspects of social life that ordinary observation may overlook. It can enter the interior world of individuals and reveal the emotional consequences of social structures.

Indian literature has historically performed this function. The Bhakti tradition, for instance, challenged certain forms of religious hierarchy and emphasised personal devotion. Modern reformist literature questioned caste discrimination, gender inequality, child marriage, colonial domination, and other social practices. Progressive literature brought questions of poverty, labour, class, and political struggle into literary discourse. Dalit literature subsequently transformed the politics of representation by insisting upon the authority of lived experience.

Contemporary literature continues this tradition while addressing new social realities. Economic liberalisation, global consumer culture, migration, information technology, mass media, and changing family structures have produced new forms of identity and social aspiration. Contemporary writers frequently explore individuals caught between inherited traditions and modern desires.

The literary representation of society is therefore dynamic. The village is no longer represented simply as a space of tradition, nor is the city automatically presented as a space of freedom. Both rural and urban environments contain hierarchies, opportunities, exclusions, and contradictions. Similarly, globalisation can generate both mobility and displacement. Education can produce social advancement while also exposing individuals to new forms of cultural conflict.

The value of literature lies in its ability to hold these contradictions together rather than reducing society to a simple formula.

Caste, Social Hierarchy and the Politics of Voice:

Caste remains one of the most important structures through which Indian social relations have historically been organised. Contemporary literature has increasingly questioned caste-based discrimination and the ways in which social hierarchy influences education, employment, family relations, political participation, and personal identity.

Dalit literature has been especially important in this transformation. Writers such as Bama, Omprakash Valmiki, Sharan Kumar Limbale, Baby Kamble, and others have foregrounded experiences of exclusion and humiliation from the perspective of communities historically denied equal social recognition. Bama's *Karukku*, for example, combines autobiography, social criticism, religious questioning, and the experience of caste discrimination. The text demonstrates how caste operates not merely through formal institutions but also through every day behaviour, language, education, religion, and community relationships.

The importance of Dalit writing lies partly in its challenge to the traditional question of who has the authority to represent Indian society. Instead of allowing marginalised communities to remain objects of representation, Dalit writers establish themselves as subjects who speak from experience. Literature consequently becomes a space of assertion and social agency.

Arundhati Roy's *The God of Small Things* also demonstrates how caste intersects with family, gender, sexuality, and social convention. The relationship between Velutha and Ammu exposes the consequences of crossing caste and social boundaries. The novel demonstrates that caste is not an isolated social category but can become entangled with patriarchy, family honour, political ideology, and economic position. Recent scholarship similarly examines Roy's novel through the intersection of caste, gender, identity, and resistance.

Meena Kandasamy's *The Gypsy Goddess* further explores caste violence and political memory. By employing experimental narrative techniques, Kandasamy demonstrates that conventional literary forms may themselves be inadequate for representing collective violence. The novel therefore connects literary form with social protest.

Contemporary scholarship also continues to examine the relationship between caste and mobility. A recent study of Aravind Adiga's *The White Tiger* interprets Balram's movement from a rural agrarian environment into the urban economy through the interconnected structures of caste, class, and labour mobility. This demonstrates that geographical movement does not automatically eliminate social hierarchy. Migration may create opportunities while simultaneously reproducing unequal structures in new locations.

Thus, contemporary Indian literature reveals caste as both an inherited structure and an evolving social reality. Its forms may change under conditions of urbanisation, education, economic mobility, and globalisation, but literary narratives repeatedly demonstrate that historical inequalities continue to influence contemporary identities.

Gender, Patriarchy and Women's Experience:

Gender is another major dimension through which contemporary Indian society can be understood. Indian women's writing has expanded the representation of women's experiences beyond conventional domestic roles and has examined education, marriage, sexuality, work, motherhood, violence, bodily autonomy, caste, class, and migration.

Writers such as Anita Desai, Shashi Deshpande, Arundhati Roy, Manju Kapur, Bama, Meena Kandasamy, and Jhumpa Lahiri have explored different dimensions of women's lives. Their works demonstrate that there is no single Indian female experience. Women's identities are shaped by region, language, caste, religion, class, education, family, and economic circumstances.

Shashi Deshpande's fiction, for example, often focuses on the psychological experiences of middle-class women negotiating marriage, family expectations, professional identity, and personal autonomy. Anita Desai similarly examines interiority and emotional conflict, demonstrating that social oppression can operate through psychological expectations as much as through visible restrictions.

Bama's *Karukku* adds another dimension by connecting gender with caste and religion. Her narrative demonstrates that women from marginalised communities experience social structures differently from privileged women. Contemporary feminist criticism therefore increasingly uses intersectional approaches to understand Indian women's writing. Recent scholarship on contemporary Indian women's

literature highlights the intersections of patriarchy with caste, class, religion, migration, economic dependence, and globalisation.

Arundhati Roy's *The God of Small Things* provides another complex representation of women's lives. Ammu's experiences demonstrate the consequences of patriarchal family structures, economic dependence, social expectations, and caste boundaries. Her personal choices are not merely individual decisions; they are judged within a larger social system.

Contemporary women's writing therefore contributes significantly to understanding Indian society because it moves beyond abstract discussions of gender equality and examines the emotional and material consequences of gendered social structures. Literature allows readers to encounter these structures through individual lives, relationships, memories, and conflicts.

Class, Poverty and Economic Inequality:

Economic inequality is another persistent concern in contemporary Indian literature. Economic liberalisation has transformed India's economy and created new forms of consumption, professional opportunity, and middle-class aspiration. At the same time, informal labour, unemployment, rural distress, unequal access to education, and economic insecurity remain important social realities.

Aravind Adiga's *The White Tiger* provides a powerful fictional exploration of class inequality in liberalising India. Through Balram Halwai, Adiga examines the relationship between poverty, caste, servitude, entrepreneurship, and urban aspiration. The movement from rural Bihar to Delhi and Bangalore reflects the transformation of India's economic landscape. Yet the novel also questions the social costs of a system in which economic mobility can depend upon unequal power relationships.

The significance of *The White Tiger* lies not simply in its portrayal of poverty but in its examination of aspiration. Contemporary India is increasingly shaped by the desire for mobility: better education, better employment, urban residence, consumer goods, and social recognition. Literature demonstrates that aspiration can be liberating but can also generate intense competition and moral conflict.

Recent scholarship similarly interprets *The White Tiger* through the relationship between caste, class, labour, and internal migration. The novel therefore provides an example of how literary narratives can connect individual ambition with larger socioeconomic structures.

Working-class literature is particularly significant in this context. Recent scholarship has drawn attention to the historical development of working-class writing in India and to the relationship between labour, caste, vernacular publishing, economic liberalisation, and informalisation. Such literature is important because economic development is often represented through statistical indicators, while literary narratives reveal the lived experience behind economic transformation.

Rural and Urban India:

The distinction between rural and urban India is increasingly complex. Urbanisation has transformed patterns of employment, education, migration, family life, and consumption. Yet rural communities continue to play an important role in India's social imagination. Contemporary literature often represents the movement between village and city. Characters leave rural environments for education, employment, or survival and encounter new social structures in urban spaces. The city becomes a space of possibility but also anonymity, competition, exploitation, and cultural displacement.

Vikram Chandra's *Sacred Games* presents Mumbai as a complex urban environment where organised crime, politics, religion, policing, and global economic forces intersect. The city is not simply a geographical setting; it becomes a representation of social complexity.

Similarly, Rohinton Mistry's *A Fine Balance* examines poverty, political instability, caste, and urban life through the experiences of individuals whose lives intersect under difficult circumstances. Although the novel is situated in a specific historical period, its concerns with inequality, dignity, labour, and social vulnerability remain significant for understanding broader debates about Indian society. The contemporary Indian city is therefore represented as a site where different social worlds meet. Migrants, professionals, workers, students, entrepreneurs, and marginalised communities share the same urban space but experience it differently.

Migration, Displacement and the Search for Identity:

Migration is one of the defining experiences of contemporary Indian society. Internal migration connects villages with cities, while international migration connects India with global communities. Literature explores migration not merely as physical movement but as a transformation of identity.

Jhumpa Lahiri's *The Namesake* examines the experience of Indian immigrants and their children in the United States. The novel explores names, family relationships, cultural memory, generational differences, and the tension between inherited identity and individual choice. Gogol's experience illustrates the complexity of belonging to more than one cultural world.

Kiran Desai's *The Inheritance of Loss* similarly examines migration, global inequality, cultural displacement, and the relationship between local and global identities. The novel demonstrates that globalisation does not create a uniform cultural experience. Instead, it produces uneven forms of mobility.

Amitav Ghosh's fiction frequently explores migration, colonial history, borders, and cultural interaction. Works such as *The Shadow Lines* challenge the idea that national borders completely determine human identity. Memory, language, family history, and cultural exchange often cross political boundaries.

Migration literature therefore provides an important perspective on contemporary Indian society because it questions fixed definitions of identity. It demonstrates that being Indian can involve multiple languages, locations, cultural affiliations, and memories.

Globalisation, Consumer Culture and Changing Values:

Globalisation has transformed Indian social and cultural life. Economic liberalisation, international media, multinational corporations, tourism, digital communication, and global education have increased cultural exchange. At the same time, globalisation has generated debates about cultural homogenisation, consumerism, inequality, and the survival of local traditions. Contemporary literature frequently represents characters caught between inherited cultural values and global lifestyles. This tension is visible in questions of marriage, career, family, food, language, fashion, education, and personal freedom.

The Indian novel of the twenty-first century increasingly explores this relationship between globalisation and the past. The Oxford Research Encyclopedia identifies "globalizing India, reinscribing the past" as one of the important tendencies in contemporary Indian fiction. This suggests that modernity does not simply replace tradition. Instead, contemporary

identities are often produced through negotiation between the two.

Globalisation may also expose inequalities that existed before liberalisation. Dalit literary discourse, for example, has questioned narratives that present globalisation simply as a universal process of liberation and mobility. Scholarship on Dalit writing has highlighted the persistence of caste identities under uneven globalisation.

Literature thus provides a more nuanced understanding of globalisation than purely economic narratives. It reveals how large-scale economic processes affect family relationships, personal ambitions, language, social status, and cultural memory.

Religion, Secularism and Social Tensions:

Religion remains deeply connected with Indian cultural identity. Contemporary Indian literature frequently examines the relationship between religious belonging, secularism, communal tension, political identity, and personal memory.

Arundhati Roy's *The Ministry of Utmost Happiness* brings together multiple characters and social worlds to explore questions of religion, caste, gender, political violence, displacement, and national identity. The novel resists a single understanding of India and instead presents a fragmented society containing competing experiences.

Amitav Ghosh's works also explore the historical relationship between religion, migration, colonialism, and political boundaries. Literary narratives can therefore reveal how historical memories continue to shape contemporary social identities.

The literary representation of religion is significant because religious identity is rarely experienced in isolation. It interacts with region, caste, language, gender, class, and political history. Literature allows these intersections to be explored through individual lives rather than abstract categories.

Regional Literatures and Linguistic Diversity:

Any study of Indian society through literature must recognise India's multilingual literary traditions. Indian literature cannot be reduced to Indian English literature. Kannada, Hindi, Bengali, Tamil, Telugu, Malayalam, Marathi, Gujarati, Punjabi, Urdu, Assamese, Odia, and other literary traditions provide distinct perspectives on Indian society.

Regional literature is particularly valuable because it preserves local histories, dialects, cultural practices, folk traditions, and social experiences. It often represents communities and landscapes that may receive limited attention in nationally circulating literature. Kannada literature, for instance, has engaged with caste, rural transformation, modernity, regional identity, gender, agrarian life, and social reform. U. R. Ananthamurthy's *Samskara* examines caste, ritual, morality, and social change in a Brahmin community. The novel demonstrates how social transformation can produce conflict between inherited practices and modern ethical questions.

Similarly, Marathi Dalit literature has played an important role in articulating caste experience and social protest. Tamil Dalit and feminist writing has expanded literary representations of caste, gender, labour, and rural communities. Bengali literature has engaged deeply with partition, migration, urbanisation, and political change. The diversity of Indian regional literatures challenges the idea that Indian society can be represented through one national narrative. Instead, India emerges as a network of overlapping cultural worlds.

Technology and the Changing Literary Imagination:

Technology has introduced another major dimension to contemporary Indian society. Digital platforms have changed how people communicate, read, write, publish, and participate in cultural life. Literature has responded to these changes through digital fiction, online poetry, blogs, social media writing, e-books, audiobooks, and experimental forms.

Recent scholarship on Indian digital literatures emphasises the distinct cultural, social, and political conditions of digital literary production in India. It also recognises the fluid relationship between digital-born and digitised literary forms.

Technology can expand access to literature by making texts available beyond traditional publishing institutions. It can also support the preservation and circulation of regional literary traditions. At the same time, digital culture creates new concerns regarding algorithmic visibility, commercialisation, misinformation, surveillance, data collection, and unequal access.

Samit Basu's *Chosen Spirits* offers an important example of Indian speculative fiction engaging with technological society. The novel imagines a near-future Delhi shaped by platforms, surveillance, artificial intelligence, data extraction, and social inequality. Recent scholarship reads the novel in relation to surveillance capitalism, data power, and the local consequences of global technological systems.

The literary imagination therefore provides a valuable way of thinking about technology beyond the language of innovation. Literature asks what technological change means for privacy, identity, freedom, labour, relationships, and human agency.

Literature, Memory and Cultural Identity:

Memory is central to the construction of contemporary Indian identity. Individuals and communities understand the present partly through memories of colonialism, Partition, migration, caste oppression, family histories, religious conflict, and regional experiences. Amitav Ghosh's *The Shadow Lines* demonstrates how personal and collective memories can challenge political borders. The novel questions the assumption that geographical boundaries necessarily correspond to cultural or emotional divisions.

Memory also plays an important role in Dalit literature. Remembering experiences of discrimination becomes an act of resistance against social forgetting. Autobiographical writing can preserve experiences that dominant histories may marginalise. Similarly, women's writing frequently uses memory to revisit family histories and reveal hidden experiences. Literature therefore becomes an archive of social memory.

In an increasingly digital society, this archival function is undergoing further transformation. Digital platforms can preserve texts, photographs, oral histories, and cultural materials, but they also raise questions about ownership, authenticity, permanence, and access. The future of cultural memory will depend partly upon how literary and cultural materials are preserved and made available across linguistic communities.

Literature as a Space of Resistance:

One of the most significant functions of contemporary Indian literature is its ability to create spaces of resistance. Resistance does not always appear as direct political protest. It may take the form of storytelling, remembering, naming, refusing silence, challenging family

expectations, reclaiming language, or presenting an alternative social perspective.

Dalit literature demonstrates this function particularly clearly. The act of writing itself can challenge systems that historically denied marginalised communities authority over representation. Women's literature similarly transforms silence into narrative voice. The representation of domestic experiences, bodily autonomy, emotional conflict, and social restriction challenges the assumption that such experiences are merely private matters. Contemporary literature therefore expands the meaning of political expression. The literary representation of an excluded life can itself become a form of cultural intervention.

Literature and the Contradictions of Contemporary India:

The most important contribution of contemporary Indian literature may be its ability to represent contradiction. India cannot be adequately understood through simple oppositions such as tradition versus modernity, rural versus urban, rich versus poor, or local versus global. A single individual may simultaneously participate in traditional family structures and global digital culture. A person may possess higher education while experiencing caste discrimination. A woman may achieve economic independence while confronting patriarchal expectations. A migrant may become economically successful while experiencing cultural displacement. A technologically connected individual may still face social exclusion.

Literature captures these overlapping realities through complex characters and narratives. Contemporary Indian fiction therefore moves beyond the idea of a single national experience. Recent scholarship observes a tendency among contemporary writers to focus on specific regional and cultural frameworks rather than claiming to represent the entirety of modern India. This fragmentation should not be viewed as a weakness. Rather, it reflects the complexity of Indian society itself.

The plurality of literary voices enables a more democratic understanding of social reality. No single novel, author, language, or literary tradition can represent India completely. The significance of Indian literature lies in the dialogue among its many perspectives.

Literature and the Future of Indian Society:

The relationship between literature and Indian society will continue to change as social and technological conditions evolve. Artificial intelligence, digital publishing, social media, online communities, migration, climate change, new forms of labour, and changing patterns of education will generate new literary subjects.

At the same time, longstanding concerns such as caste, gender, poverty, religious identity, social exclusion, and cultural memory will continue to shape literary production. The future of Indian literature is therefore likely to involve both continuity and transformation. Digital technology can make literature more accessible and support the preservation of regional languages. However, technological development must not result in the marginalisation of less commercially dominant languages. Linguistic diversity remains one of the central strengths of Indian literary culture.

The future of literary scholarship must similarly combine traditional close reading with interdisciplinary approaches. Digital Humanities, sociology, cultural studies, gender studies, Dalit studies, postcolonial studies, and media studies can contribute to a richer understanding of literary texts and their social contexts.

Conclusion:

Contemporary Indian society is characterised by remarkable diversity and complex transformation. Literature provides a powerful lens through which these changes can be examined because it connects large social processes with individual experiences, emotions, memories, and aspirations.

The literary representation of caste reveals the persistence and transformation of social hierarchy. Women's writing exposes the complex relationship between gender, family, caste, class, and personal freedom. Working-class and economically focused narratives reveal the human consequences of inequality and economic change. Urban and migration narratives explore mobility, displacement, and changing identities. Regional literatures preserve linguistic and cultural diversity, while contemporary digital and speculative fiction examines the consequences of technological transformation.

The study also demonstrates that literature does not simply reproduce society. It interprets society. It selects particular experiences, gives voice to particular communities, questions established assumptions, and creates alternative ways of imagining human relationships. In this sense, literature functions simultaneously as cultural memory, social criticism, and imaginative possibility.

Contemporary Indian literature further demonstrates that modernity is not a uniform process. Tradition and modernity frequently coexist; globalisation can produce both mobility and exclusion; technology can expand access while generating new forms of inequality; and economic development can coexist with persistent social hierarchy. Such contradictions are central to understanding contemporary India.

The plurality of Indian literature is therefore one of its greatest strengths. English-language writing, regional literatures, Dalit narratives, women's writing, migrant literature, working-class texts, and digital forms together create a diverse literary map of Indian society. No single literary tradition can represent the whole of India, but the interaction among multiple literary voices can produce a richer understanding of its social realities. Ultimately, literature remains important because it humanises social questions. Statistics can describe inequality, but literature can reveal how inequality is experienced. Historical accounts can record migration, but literature can explore the emotional meaning of displacement. Social theory can explain patriarchy, but literary narratives can make its effects visible through individual lives. Technology can connect readers across geographical boundaries, but literature continues to depend upon human imagination and interpretation.

Contemporary Indian society is therefore best understood not as a fixed social structure but as an evolving field of negotiations among caste and equality, tradition and modernity, locality and globalisation, identity and mobility, memory and change. Literature participates actively in these negotiations. It records the present, remembers the past, questions the established order, and imagines possible futures. Through its many languages, forms, voices, and perspectives, Indian literature remains an essential cultural space for understanding the complexity of contemporary India.

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