Bodhi International Journal of
Research in Humanities, Arts and Science

Vol. 10 Special Issue 2 January 2026
E-ISSN: 2456-5571

Current Issues and Future Approaches in Arts and Science: A Multidisciplinary Perspective

[1]A. Prithic Shri & [2]Dr. A. Suganya

[1]Ph.D Scholar, Department of English, Erode Arts and Science, Erode, Tamil Nadu
[2]Assistant Professor, Department of English, Erode Arts and Science, Erode, Tamil Nadu

Crossref doi
Open Access

Manuscript ID:
BIJ-SPL2-JAN26-MD-135

Subject: English

Received : 03.09.2025
Accepted : 14.10.2025
Published : 31.01.2026

DOI: 10.64938/bijsi.v10si2.26.Jan135

Abstract

Is there a decline across conventional creative expression? With each calendar year that goes by, this query appears to linger more. Contemporary technologies like animation, three-dimensional printing, and furthermore computational intelligence (AI) are becoming more and more prominent as technological developments accelerate. These fresh methods speed up, increase accessibility, and frequently lower the cost of generating art. However, what about conventional artistic styles like sculpture, water colour, fiberglass, as well as additional tangible media? There is a genuine conflict entrenching classical and contemporaneous aesthetic forms, and it is having a significant impact on the contemporary art sector. The gap that separates these two ways of looking at art is widening. Orthodox artists believe that as craftsmanship gets more digital, an element is being wasted. Conversely, contemporary filmmakers contend that gadgetry is just a freshly invented instrument. In any case, this argument is changing our understanding of creativity in this modern age. Like hundreds of earlier lost customs, can conventional forms of artistic expression endure or ought eventually substitute? The piece in question examines that conflict, highlighting the agencies defending ancient craftsmanship as well as the dangers it faces.

Keywords: technology, culture, integration, innovation, multidisciplinary, sustainability, research

Current issues in Arts

Ancient art has been marginalized by speculation, technology, and interchangeability. These customs may become extinct if deliberate measures are not taken to preserve them for future generations. Traditional craftsmanship finds it difficult to survive in the rapidly changing world of technology. This is the reason behind the change. Antique talents are frequently abandoned by children and adolescents because they are not financially sustainable. The market for artisanal pieces is declining as robotic ornamentation become more prevalent. Hardly as popular because they once were, creative disciplines like Madhubani pottery, Huichol Afghan Crochet Craft, and Soviet Dolls have profound spiritual significance in addition to being beautiful. While the bulk of individuals appreciate vintage art, they hardly ever interact with it directly.

Safeguarding of Regional Distinctness Versus Uniformity of Culture

Internationalization has brought about previously unheard-of levels of curricular fusion and interchange. Yet worries about cultural standardization and the loss of hometown identities have also been raised by this greater connection. Customary societies and distinct personalities are frequently eclipsed when

international companies, accents, and pastimes expand above national boundaries. This piece looks at attempts to maintain ethnic diversity in confronting all of these difficulties and investigates the ways digitization leads to territorial uniformity. Despite the powerful tendencies promoting linguistic uniformity, businesses are expanding initiatives aimed at conserving and honouring various cultural backgrounds. Tribes all throughout this planet are resisting the trend toward homogeneity and realizing the importance of their own unique stories.

Ethnic Resurrection Initiatives: Enthusiasm in local dialects, creative endeavours, & customs is growing all over every continent. For instance, institutions of learning along with regulatory bodies in the Kiwi nation vigorously encourage the Hawaiian language and practices. Offerings to promote ethnic languages while participating ancestral arts have also been implemented in numerous areas.

Pedagogical Missions: Heritage educational facilities and universities are essential to maintaining ethnicity. In order to help people down the road value what they left behind as well as recognize its significance in the modern era, numerous instructors are attempting to incorporate aboriginal wisdom and past into classrooms.

Championing Island Entertainment with Businesses: Via auctions, assistance, and tourist initiatives, both public and entrepreneurs are working to assist small enterprises and artists. These kinds of initiatives support ancestral arts and give creators a means of subsistence without sacrificing their sense of pride by giving talented locals a surface in which to display their achievements.

Artwork Created by AI Versus Licensing: Moral Conundrums

AI art becomes more sophisticated and prevalent, it raises significant questions about originality, authorship, and ownership. Traditional frameworks of copyright and ethical guidelines often fall short of addressing these complexities, creating a gap in understanding and regulating AI-generated art. The core problem is that there is no recognizable legal and ethical framework for AI-generated art. As consequence, things produced or collaboratively generated by computer programs are challenging for current trademark regulations to be observed, which emphasize the characteristics of an artist employing fresh labour. This ambiguity extends to lawful utilize and infringement; most artificially intelligent machines learn on huge files that contain legally protected works, yet they neither seek waivers to use the knowledge nor give honour to the original creators.

In Science

Environmental concerns on warming temperatures: The greatest hurdle to attaining long-term prosperity is the warming climate, which has the potential to push trillions of households into desperate circumstances. At precisely the same stage, we are equipped with more knowledge and answers like never before to prevent the disaster to offer consumers everywhere the chance to live more fulfilling lives. Not all problems related to rising temperatures are enduring. It is taking place right now, yet it presents challenges pertaining to decision-makers attempting to influence what lies ahead. Our nation has several obstacles and dangers in advancing green development, despite its many advantages and prospects. A cohesive plan combining the authorities, business, neighbours, and foreign partners is necessary for fixing this satisfactorily.

The Moral Problems with Robotics Alongside Genomics

Racism and prejudice, concealment and monitoring, and the importance of mankind's judgment comprise the main issues involved with AI in wellness. There constantly a chance of errors and info vulnerabilities when equipment is present. Additionally, errors in medical care might have disastrous effects for those receiving treatment. Such a pertinent subject that has to be investigated due to do not exist clear restrictions on legal and moral problems surrounding machine learning and its usage in nursing. The developments in cognitive computing may liberate up physicians to concentrate on actual troubles with patients and delegate tasks that is either completed by laptops to

robots. Since AI may utilize large amounts during encrypted information vastly more swiftly and effectively than any person, it has the potential aimed at transforming the hospital system by generating unfamiliar with significant observations.

Stakeholder Belief and Interaction Deficits Via Scientific Disciplines

Scientists and scientific institutions see an increasing need for outreach and communication to counter potentially dangerous misconceptions about science, or misinformation by lobbying groups. Along these lines, communication from scientists to the public is becoming more professional and better targeted to the audience. In its broadest sense, dissemination of science entails a wide range of practitioners interacting with a wide range of clients. In addition to isolated investigators additional bodies that may participate in science outreach include professional associations, schools of thought, art galleries, laboratories, medical practitioners, and science news organizations. Research outreach objectives may vary depending on the situation since the field calls for a variety of practitioners and customers.

Upcoming Technologies

Diversified Alliance: For the purpose of to preserve popular backing as well as to emphasize the advantageous—and occasionally less helpful—functions that knowledge occupies in our daily existence, investigators from all fields understand the value for wider involvement through study. It is apparent the average person is hungry public data and for a chance to influence discussions on the results of science, as evidenced by everything from historic investigations containing research on catastrophic environmental changes towards investigations highlighting fatal illnesses or dangerous practices. These claimed "feel-good" elements of technological advances are frequently the most challenging to explain and understand. Creative work with spectacle grant theories a sensory atmosphere, allowing a spectator to draw assumptions about the intent simultaneously instinctively and logically, regardless of whether oral or written communication might precisely represent info and discoveries. Enhancing artistic talent through the use of advances in science (such as AI or info analytics). There are great prospects for AI in the performing arts in the decades to come. Artificial Intellect will probably be included throughout the process of making things progressively, opening up new avenues for self-expression frequently teamwork. But integrating AI must be done carefully and morally, weighing its perks against tolerance for genuine ingenuity. Political and concerns regarding ethics are brought up by the incorporation of AI into artistic pursuits. Considerations about livelihoods, possible loss of interpersonal spirit, / autonomy along with uniqueness remain important. In order promote inclusivity and equitable distribution, one is also necessary to confront prejudices coupled with cultural appropriation in content produced by artificial intelligence. Computer vision revolutionizes video games and enhancements, producing lifelike illusions and cartoon characters. Artificial life is produced by algorithmic learning algorithms, giving graphic designers and videographers alternatives.

Knowledge Acquisition Concerning Qualifications

Encouraging schooling within a variety of engineering, technology, the scientific decorative arts, and arithmetic.

The STEM (Science, Technology, Engineering, and Mathematics) strategy is an important component of the STEAM methodology. According to Katz-Buonincontro (2018), STEAM refers to this incorporation with artwork into the study of science, technology, engineering, and mathematics. The arts features often incorporated in STEM as serving as framework for generating improved and more fascinating demands so the deliverables or finished goods coming via STEAM-inspired curriculum demonstrate aspects of creative expression in the courses cycle. Recognizing shortcomings, the efficacy of products, or the capacity to solve troubles employing experimental playfulness, even the development of a product are some examples of relevant metrics. Promoting multifaceted investigations for tackling intricate worldwide issues

Especially interdisciplinary projects that integrate the humanities as well as arts, and academic disciplines can tackle mankind's problems. We have the freedom to go beyond these confines. Broad-ranging experimentation has the following advantages: Universal acceptance of a variety of perspectives avoids limited answers. Breakthroughs: situated at the nexus of fields, fresh concepts frequently surface. Real-world Use: Behavioural, monetary, additionally legal issues make treatments more feasible. Administrative consequences: Legislatures and global entities are better persuaded by diverse testimonials.

Broad-disciplinary strategies include, for instance. Sustainability and Climate Change: Working together, meteorologists, statisticians, anthropologists, along with architects may create sustainable urban environments. Prevention plans during hurricanes are developed by pathologists, data managers, behavioural scientists, and tribes. Intelligence & Moral Issues: legislators, legal luminaries, analysts, as well software engineers discussing justice, responsibility, among oversight. Mobility and Globalization: Studies of exile from ethical, ideological, and administrative points of view in the fields of books, sociological research, the past, and political biology.

Synergy of Knowledge

Online simulation across scholastic settings with monuments: The term online reality in school environments describes how experiences and technologies are incorporated across the atmosphere for education. Kids may interact with tactile, holographic cyberspace created with virtual reality or alternative gadgets. By giving trainees interesting and dynamic instances whose contents go surpassing conventional methods of instruction, the point is to strengthen retention. Building a riveting exciting and captivating atmosphere that truly accurately depicts the fabled realm of Himma pan animals is the primary objective within the Himma pan digital repository's construction. Room plan coupled with zone management, sensory facets of design, instructional and persuasive material, graphical user interfaces and Maneuverability are some of the essential components that are incorporated into the conceptualization methodology.

Computation Artistic Abilities and the Information Humanities

The field of study known as online anthropology lies at the nexus of the literature and electronics or technological innovation. It encompasses both the inspection of how to utilize them and the methodical use of technological assets in the academic field. The term digital humanities refer to innovative approaches to knowledge dissemination that incorporate dynamically involved, interconnected, transnational scholarship, instruction, and publication. Realizing that written expression is obsolete as the primary means of producing and disseminating expertise, it introduces cyberspace methodologies and instruments to the pursuit of the disciplines of the humanities.

Wide-Ranging Viewpoint

Address issues in the daily world: Since virtually no field can fully address the intricate nature of our contemporary problems in society, multiple-disciplinary methods are necessary. For example, converting empirical findings onto gripping narratives employing theatre, cinema, or painting might improve communication about warming temperatures. When studies on medicine is integrated with technological innovations and cultural myths to shape decision-making, the wider public also benefits. analogously to how literary works and research on peace can help resolve conflicts by emphasizing basic human principles, architectural sustainability is the result of combining sociological theories, biodiversity, and style. This field's collaboration with texts and movies enhances mobility research by bringing data to life. These kinds of partnerships provide concrete form to intangible problems, cultivate feelings of compassion, and transform findings from workable answers. By merging artistic flair with expertise, collaborative inquiry implies that planetary concerns are tackled with appropriate breakthroughs and compassion tenderness.

Develop Unique, Comprehensive, Equitable Understanding Systems

The development of emerging, accessible, and comprehensive information platforms is crucial to tackling a range of global issues. These systems need to integrate knowledge from the intellectual sciences, engineering, and local practices, spanning interdisciplinary barriers. By valuing local customs, varied opinions, and underrepresented viewpoints among traditional educational understanding, openness makes possibilities kinder to everyone. By highlighting how psychological, ecologic, spiritual, and engineering elements are interrelated, holiness avoids splintered or biased methods. These systems of wisdom promote equitable and ecologically conscious progress by fusing skill in analysis with awareness of culture. In the end, expansive and wholehearted knowledge creation transcends specialized skills and provides paradigms that can direct groups toward justice, adaptation, and ultimately happiness for people.

In Finalization

The humanities and sciences have undergone tremendous change in the modern era, yet there are still urgent problems that call for an integrative strategy. Problems in research like planetary variability, the aesthetics of neural brains, and worldwide pandemic emergencies show how limited strictly quantitative methods can be. Fresh structures of conceptualization are needed in the field of culture to address challenges of depiction, internet disruption, and safeguarding culture. The two disciplines are becoming more prevalent together: biological sculpture, the computational humanities, and atmospheric representation by means art are a few instances of how inventiveness and technological advancement can come together to address pressing issues. Teamwork between branches is key to the future, as artists work with breakthrough technology and physicists adopt imaginative vision. These methods will guarantee equitable, comprehensive, culturally pertinent solutions to broad problems in addition to producing novel data systems.

References

1. PlayKree. “The Silent Extinction: Why Traditional Art Is Disappearing Faster Than We Realize.” PlayKree, 23 Feb. 2025
2. “The Intersection of Tradition and Technology: Impact on Art Practices and Preservation.” *Sarcouncil Journal of Arts Humanities and Social Sciences*, vol. 4, no. 3, 16 Mar. 2025, pp. 5–12. SARC Publisher
3. Ugiebeme, Adie Anthonia, et al. “The Intersection of Tradition and Technology: Impact on Art Practices and Preservation.” *Sarcouncil Journal of Arts Humanities and Social Sciences*, vol. 4, no. 3, 16 Mar. 2025, pp. 5–12. SARC Publisher, https://sarcouncil.com/download-article/SJAHSS-189-2025-5-12.pdf
4. Cultural Homogenization and Globalization: The Loss of Local Identities.” *CliffsNotes*, McMaster University, 27 Jan. 2025, https://www.cliffsnotes.com/study-notes/23735042. Accessed 29 Aug. 2025.
5. Chandrasarmah, Rajat. “Cultural Homogenization and the Erosion of Identity in a Globalised World.” *Reflections Live*, 27 Jan. 2025, https://reflections.live/articles/17920/cultural-homogenization-and-the-erosion-of-identity-in-a-globalised-world-article-by-rajat-chandrasarmah-20545-m7b9ha7p.html.
6. “AI-Generated Art and the Ethical Complications of Copyright.” *India Legal Live*, 27 June 2025, https://indialegallive.com/laws-research-indepth/ai-generated-art-and-the-ethical-complications-of-copyright/.
7. Kyte, Rachel. *“Climate Change Is a Challenge for Sustainable Development.” World Bank*, 15 Jan. 2014, www.worldbank.org/en/news/speech/2014/01/15/climate-change-is-challenge-for-sustainable-development
8. Meena, Rajneesh Kumar. “Environmental Sustainability: Challenges and Opportunities.” *International Journal of Social Impact*, vol. 9, no. 3, July–Sept. 2024, pp. 1–9. DOI: 10.25215/2455/0903006. *International Journal of Social Impact*, https://ijsi.in/wp-content/uploads/2024/08/18.02.006.20240903.pd

9. Okoh, Perpetual, editor. “Ethical Issues with Artificial Intelligence and Healthcare.” *Immerse Education*, 22 Apr. 2025, https://www.immerse.education/beyond-syllabus/artificial-intelligence/ethical-issues-with-artificial-intelligence-and-healthcare/
10. Hunter, Philip. “The Communications Gap between Scientists and Public.” *EMBO Reports*, vol. 17, no. 11, 7 Oct. 2016, pp. 1513–1515. *EMBO Reports*, https://www.embopress.org/doi/full/10.15252/embr.201643379. Accessed 29 Aug. 2025.
11. Intemann, Kristen. “Science Communication and Public Trust in Science.” *Interdisciplinary Science Reviews*, vol. 48, no. 1, Jan. 2023, pp. 1–16. Routledge/Taylor & Francis, https://doi.org/10.1080/03080188.2022.2152244. Accessed 29 Aug. 2025.
12. Intemann, Kristen. “Science Communication and Public Trust in Science.” *Interdisciplinary Science Reviews*, vol. 48, no. 2, 2023, pp. 350–365. Taylor & Francis, https://doi.org/10.1080/03080188.2022.2152244. Accessed 29 Aug. 2025.
13. Namukasa, Saudah, and Kiu Special. “Artistic Approaches to Communicating Scientific Concepts.” *ResearchGate*, Nov. 2024, Kampala International University, Uganda. www.researchgate.net/publication/385892076_Artistic_Approaches_to_Communicating_Scientific_Concepts
14. Admin_blogger. “AI in Creative Arts: Transforming Creativity and Expression.” *UptoSkills*, Techtechnology, https://uptoskills.com/ai-in-creative-arts-transforming-creativity-and-expression/. Accessed 29 Aug. 2025.
15. Kismawardani, Arum, Tukiran Tukiran, and Eko Hariyono. "Science Technology Engineering Arts Mathematics (STEAM) Approach for Learning Science in Junior High School." *Studies in Learning and Teaching*, vol. 3, no. 1, Apr. 2022, pp. 55–61. Indonesia Approach Education, DOI: 10.46627/silet.v3i1.101. *ResearchGate*, https://www.researchgate.net/publication/360594408_Science_Technology_Engineering_Arts_Mathematics_STEAM_Approach_for_Learning_Science_in_Junior_High_School. Accessed 29 Aug. 2025.
16. Keane, Julie, PhD. “Solving Global Challenges with Cross-Disciplinary Initiatives.” *Getting Smart*, 21 July 2014, https://www.gettingsmart.com/2014/07/21/solving-global-challenges-cross-disciplinary-initiatives/. Accessed 29 Aug. 2025.
17. Team Varthana. “Virtual Reality in the Classroom: Expanding Educational Horizons.” *Varthana*, 20 Feb. 2024, https://varthana.com/school/virtual-reality-in-the-classroom-expanding-educational-horizons/. Accessed 29 Aug. 2025.
18. Sangamuang, Sumalee, et al. “Gamification in Virtual Reality Museums: Effects on Hedonic and Eudaimonic Experiences in Cultural Heritage Learning.” *Informatics*, vol. 12, no. 1, 2025, article no. 27, MDPI, https://doi.org/10.3390/informatics12010027. Accessed 29 Aug. 2025.
19. “Digital Humanities.” *Wikipedia*, Wikimedia Foundation, last edited 23 Aug. 2025, https://en.wikipedia.org/w/index.php?title=Digital_humanities&oldid=1307412908. Accessed 29 Aug. 2025.