

# SANCHITA SAHA

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Award-winning artist with 12 years of excellence in arts and cultural leadership and 5 years of advanced research experience in Artificial Intelligence, Cybersecurity, Data-Driven Marketing, and Agricultural Technology. Proven ability to integrate creativity with innovation, transforming business operations through AI-driven systems, enhancing cybersecurity, and advancing sustainable practices. Experienced educator and faculty leader, having guided 1,000+ students with research-based teaching and cultural enrichment. Published author and peer reviewer for leading international journals including Springer Nature, WIJAR, and AJIBM. Recognized globally for bridging the worlds of art, research, and technology, driving measurable impact across education, business, and innovation.

## WORK EXPERIENCE

### **Administrative Operations Facility Manager**

July 2024-Current

*Herbs Forever LLC, Los Angeles, CA*

- **Redesigned facility operations with AI-powered innovation**, boosting workflow efficiency by **20%** and slashing resource waste by **18%**, transforming everyday processes into smart, automated systems
- **Fortified digital security using cutting-edge cybersecurity strategies** from published research, reducing cyber risks by **30%** and ensuring a **100% compliance record** across all operations.
- **Supercharged the company's digital footprint** by leading marketing and social media transformation, driving a **40% surge in online engagement**, a **22% boost in customer retention**, and a **35% increase in organic traffic**.
- **Pioneered sustainability initiatives with agriculture tech**, reducing the facility's carbon footprint by **12%** and increasing eco-efficiency by **15%**, aligning business operations with green innovation.

### **Lead Faculty Member of Economics and Fine Art**

July 2017- Dec 2023

*Drexel International School, Dhaka, Bangladesh*

- **Spearheaded academic leadership** by teaching 4+ advanced economics and fine art classes, empowering **1,000+ students** with innovative, research-driven learning strategies.
- **Championed curriculum development** with cross-disciplinary integration, collaborating with 5+ faculty members to design engaging programs that bridged economics, creativity, and cultural awareness.
- **Directed 50+ cultural programs and 3 student initiatives**, positioning the school as a hub for academic excellence and cultural enrichment while enhancing student leadership skills.
- **Mentored students individually**, fostering intellectual growth and artistic expression, with measurable gains in participation, confidence, and overall performance.

### **Assistant Teacher of Economics and Art.**

August 2015- June 2017

*Madhabdi Girls School and College, Narsingdi, Bangladesh*

- **Supported academic excellence** by teaching 4 classes in economics and fine art, guiding **550+ students** through foundational learning and creative exploration.

- **Collaborated with 6 faculty members** to enhance curriculum design, introducing innovative teaching aids and creative projects that boosted student engagement.
- **Organized 30+ cultural programs and 4 student-led activities**, encouraging teamwork, leadership, and cultural expression within the school community.
- **Delivered one-on-one mentoring and academic support**, strengthening student performance, confidence, and participation in both economic studies and artistic development.

## PEER REVIEWER / EDITORIAL REVIEWER

1. Journal Name: **Springer Nature**  
Section/Area of Review: Artificial Intelligence, Cybersecurity & Data Privacy, MIS, Strategic IT Management.
2. Journal Name: **Westcliff International Journal of Applied Research (WIJAR)**  
Section/Area of Review: Information Systems, Cloud Computing Applications in business, Digital Transformation
3. Journal Name: **American Journal of Industrial & Business Management (AJIBM)**  
Section/Area: Business Development & Strategy, Transport Management and Operations, Financial Risk Management.

## RESEARCH

1. Hossain, M. A., Tiwari, A., Saha, S., Ghimire, A., Ahsan, M., & Khatoon, R. (2024). Applying the Technology Acceptance Model (TAM) in Information Technology System to Evaluate the Adoption of Decision Support System. *Journal of Computer and Communications*, 12(08), 242–256. <https://doi.org/10.4236/jcc.2024.128015>
2. Ghimire, A., Imran, M. A. U., Biswas, B., Tiwari, A., & Saha, S. (2024). Behavioral Intention to Adopt Artificial Intelligence in Educational Institutions: A Hybrid Modeling Approach. *Journal of Computer Science and Technology Studies*, 6(3), 56–64. <https://doi.org/10.32996/jcsts.2024.6.3.6>
3. Saha, S., Ashok Ghimire, Md, M., Tiwari, A., & Ahsan, M. (2024). Exploring Benefits, Overcoming Challenges, and Shaping Future Trends of Artificial Application in Agricultural Industry. *The American Journal of Agriculture and Biomedical Engineering*, 6(7), 11–27. <https://doi.org/10.37547/tajabe/volume06issue07-03>
4. Hasan, R., Khatoon, R., Akter, J., Mohammad, N., Md Kamruzzaman, Atia Shahana, & Saha, S. (2025). AI-Driven greenhouse gas monitoring: enhancing accuracy, efficiency, and real-time emissions tracking. *AIMS Environmental Science*, 12(3), 495–525. <https://doi.org/10.3934/environsci.2025023>
5. Rahman, H., Saleh, M. A., Md. Samiun, Hossain, M., Debnath, A., Hassan, M., Saha, S., Hasan, R., Islam, K., & Munir, M. (2025). AI-driven Modeling for the Optimization of Concrete Strength for Low-Cost Business Production in the USA Construction Industry. *Engineering Technology & Applied Science Research*, 15(1), 20529–20537. <https://doi.org/10.48084/etasr.9733>
6. Ahsan, M., Mustakim Bin Aziz, Tiwari, A., Saha, S., & Ashok Ghimire. (2024). Exploring the Latest Trends in AI Technologies: A Study on Current State, Application and Individual Impacts. *Journal of Computer and Communications*, 12(08), 21–36. <https://doi.org/10.4236/jcc.2024.128002>
7. Tiwari, A., Biswas, B., Islam, M. A., Sarkar, M. I., Saha, S., Alam, M. Z., & Syeda Farjana Farabi. (2025). Implementing Robust Cyber Security Strategies to Protect Small Businesses from Potential Threats in the USA. *Journal of Ecohumanism*, 4(3). <https://doi.org/10.62754/joe.v4i3.6644>
8. Hossain, M. A., Ferdousmou, J., Khatoon, R., Saha, S., Hassan, M., Akter, J., & Debnath, A. (2025). Smart Farming

Revolution: AI-Powered Solutions for Sustainable Growth and Profit. *Journal of Management World*, 2025(2), 10–17. <https://doi.org/10.53935/jomw.v2024i4.862>

9. Saha, S. (2024). Economic Strategies for Climate-Resilient Agriculture: Ensuring Sustainability in a Changing Climate. *Demographic Research and Social Development Reviews*, 1. <https://doi.org/10.63471/drsdr24004>
10. Saha, S., Ashok Ghimire, Md, M., Tiwari, A., & Ahsan, M. (2024). Exploring Benefits, Overcoming Challenges, and Shaping Future Trends of Artificial Application in Agricultural Industry. *The American Journal of Agriculture and Biomedical Engineering*, 6(7), 11–27. <https://doi.org/10.37547/tajabe/volume06issue07-03>
11. Sumaiya Yeasmin, Sanchita Saha, Moustaq Karim Khan Rony, Mst Masuma Akter Semi, Srabani Das, Rukshanda Rahman, Rayhan Khan, Afia Fairouz Tasnim, Arif Hosen. (2025). The role of AI-driven art therapy in supporting autism, mental health, and emotional well-being: An umbrella review. *Sage Journal*. <https://doi.org/10.1177/20552076251386662>
12. Samia Hasan Suha, Md Abdul Barek Saju, Mustakim Bin Aziz, Syeda Kamari Noor, Md Ahsan Ullah Imran, Sanchita Saha, Barna Biswas, Rabeya Khatoon, Rakibul Hasan. (2026) Digital Marketing Strategies to Boost U.S. Manufacturing Exports. *Springer Nature Link*. <https://doi.org/10.1007/s44206-025-00235-1>

## CONFERENCE

1. Tiwari, A., Saha, S., Johora, F. T., Imran, M. A. U., Al Mahmud, M. A., & Aziz, M. B. (2024). Robotics in Animal Behavior Studies: Technological Innovations and Business Applications. (2024) *International Conference on Computing, Applications and Systems (COMPAS)*, 1–6. *IEEE*. <https://doi.org/10.1109/compas60761.2024.10796471>
2. Noor, S. K., Ahsan, M., Aziz, M. B., Biswas, B., Saha, S., & Hasan, R. (2024). Using Data-Driven Marketing to Improve Customer Retention for U.S. Businesses. 338–343. *IEEE*. <https://doi.org/10.1109/icicyta64807.2024.10913232>
3. Muslima Begom Riipa, Sanchita Saha, Jannatul Ferdousmou, Rabeya Khatoon, Mohammad Hossain, Nur Mohammad. (2025). AI-Driven Smart Agriculture: Optimizing Crop Yield and Sustainability in the U.S. *IEEE*. <https://doi.org/10.1109/ICECET63943.2025.11472088>
4. Sanchita Saha Arif Hosen, Nur Vanu, Muslima Begom Riipa, Jannatul Ferdousmou, Md Zikar Hossain, Ali Hassan, Abu Hanif. (2025). Financing Sustainable Agriculture in the U.S.: The Role of Green Bonds and ESG Investment. *IEEE*. <https://doi.org/10.1109/ICECET63943.2025.11472498>
5. Arifa Ahmed Sumaiya Yeasmin, Jannatul Ferdousmou, Arafat Islam, Md Azharul Islam, Abdus Sobur, Tamanna Afroj, Sanchita Saha. (2025). AI-Based Predictive Models for Suicide Prevention and Crisis Intervention in the U.S. *IEEE*. <https://doi.org/10.1109/ICECET63943.2025.11472356>
6. Rabeya Khatoon, Sanchita Saha, Mustakim Bin Aziz, Jahanara Akter, Mahafuj Hassan, Md AzharulIslam. (2025). Digital Marketing and Tourism Recovery in the USA: Promoting Domestic & International Travel for Revitalize Tourism. *IEEE*. <https://doi.org/10.1109/InC465408.2025.11256288>

## BOOKS

1. *Amazon.com: Future Tech: 20 Innovations That Will Change Our World eBook: Tiwari, Anamika, Akter, Jahanara, Saha, Sanchita, Aziz, Mustakim Bin, Imran, Md Ahsan Ullah, Md Kamruzzaman, Hasan, Rakibul* : Kindle Store. (2024). Amazon.com. <https://www.amazon.com/Future-Tech-Innovations-Change-World-ebook/dp/B0DJQBL6LD/>
2. Book id :1880: Intelligent Supply Chain Integrity: Data Analytics and AI for Fraud Prevention and Infrastructure Resilience.
3. Book id :1881: AI for Food Security: Protecting Agriculture, Infrastructure, and Supply Chains.

4. Book id :1882: Risk Intelligence for the U.S. Economy: AI for Fraud Prevention, Logistics, and Operational Continuity.

### US Patent

- Id:99-998

AI-based "Trust Score" for Agricultural Supply Chains (Fraud + Authenticity)

### ONGOING RESEARCH & CONFERENCES

1. AI-Driven Smart Agriculture: Optimizing Crop Yield and Sustainability in the U.S
2. AI-Driven Robotics and Workforce Optimization for the Future of U.S. Manufacturing
3. AI-Powered Venture Capital Analytics for Identifying High-Growth Startups in the U.S
4. Decentralized Blockchain -Based Digital Identity Management for Fraud Prevention in the U.S

### THESIS AND DISSERTATION

Technological Innovations to Overcome Cross-Border E-Commerce Challenges: Barriers and Opportunities

### Artistic Journey & Leadership Experience

#### ***Bangladesh Art Exhibition Engagement: Certifications of Achievement***

- **Dhaka Art Week – Group Art Exhibition –Dhaka, Bangladesh** 2019  
*Exhibited artworks at a city-wide festival promoting visual arts.*
- **Ronger Garee Watercolor Exhibition, Bangladesh** 2019  
*Showcased watercolor works, highlighting technical skill and creativity.*
- **International Art Exhibition, Sultan Mela, Bangladesh** 2019  
*Participated in an international exhibition fostering cross-cultural dialogue.*
- **Muktir Dut-1 – International Art Exhibition, Bangladesh** 2019  
*Showcased artworks exploring cultural themes and creative expression.*
- **Dhaka Art College – Art Exhibition, Dhaka, Bangladesh** 2019  
*Participated in a curated exhibition promoting artistic dialogue among artists.*
- **International Art Exhibition, Sultan Mela, Bangladesh** 2019  
*Participated in an international exhibition fostering cross-cultural dialogue.*
- **"JOLKONNA" Art Exhibition, Dhaka, Bangladesh.** 2018  
*Exhibited works reflecting cultural heritage and engaged in visual storytelling.*
- **"BANDHON" – 5th International Group Art Exhibition, Bangladesh** 2018  
*Participated in an international exhibition fostering cross-cultural exchange.*

- **3rd Tune of International Art Festival, FOCUS Bangladesh** 2018  
*Showcased artworks at a festival promoting cultural diversity and creative expression.*
- **Unsounded Group Art Exhibition, Shah Alam Gallery of Fine Arts, Sylhet, Bangladesh** 2018  
*Contributed to a group exhibition showcasing contemporary artworks.*
- **One Era Celebration Art Exhibition, Dhaka Art College, Bangladesh** 2017  
*Participated in a curated exhibition celebrating contemporary art and promoting emerging talent.*

### ***Global Exhibition Engagement: Certifications of Achievement***

- **LATI Colloquium – Art Exhibition, New Jersey City University, Jersey City, USA** 2025  
*Exhibited contemporary artworks in a professional setting, engaging with international artists.*
- **Art Exhibition, The Paterson Museum, New Jersey, USA** 2025  
*Showcased original artworks, promoting community engagement and appreciation for contemporary art.*
- **Xpoate 2025 “BIODIVERSITY” – Latin American Art Exhibition, Club Colombia USA, Hackensack, NJ, USA** 2025  
*Participated in a Latin American themed exhibition, contributing to cross-cultural exchange and global awareness.*
- **Art From the Heart Exhibition, Priscilla Gardner Main Library, New Jersey. USA** 2025  
*Displayed artworks designed to inspire community connection and appreciation for creativity.*
- **LATI Colloquium – Generation Art Exhibition, New Jersey City University, USA** 2023  
*Participated in a group exhibition, highlighting international collaboration and creative development.*
- **Art Shopping Paris, Carrousel du Louvre, Paris, France** 2022  
*Showcased at a Global event, promoting contemporary art and fostering cross-cultural dialogue.*
- **New Jersey Artist Collective – Art Exhibition, 3er Festival Jóvenes por la Paz, Bronx Community College, The Bronx, New York, USA** 2022  
*Exhibited original artworks promoting peace and cultural exchange.*
- **International Art Exhibition, Sultan Mela, Bangladesh** 2020  
*Participated in an international exhibition fostering cross-cultural dialogue.*
- **“TRI ARTS” – International Art Exhibition, Jaipur, India** 2019  
*Emphasized creative dialogue and cross-cultural exchange with artists worldwide.*
- **1st Acuarela Feasta – Kolkata Watercolor Festival, India** 2019  
*Exhibited watercolor works at India's first international watercolor festival.*
- **Kajrai Art – Summer Art Exhibition, Kolkata, India** 2019  
*Displayed contemporary artworks in a curated group exhibition.*
- **Arpitam Kala Mandir – Amalgam of Artists Show, India** 2019  
*Participated in a large-scale international exhibition showcasing diverse artistic voices.*
- **Birla Academy of Arts & Culture – International Art Exhibition, Kolkata, India** 2019  
*Exhibited original works at a prestigious international venue, contributing to global artistic dialogue.*

- **Fabriano in Acquerello – Watercolor, India** 2018  
*Participated in an international watercolor exhibition, engaging artists from various countries.*
- **Art Line 18 – 2nd International Art Exhibition, Kolkata, India** 2018  
*Exhibited original artworks, contributing to the promotion of emerging talent.*
- **“Trinity” – International Art Exhibition, Kathmandu, Nepal** 2018  
*Showcased artworks exploring cultural and thematic diversity.*

### ***Certifications of Achievement from Participation in Workshop:***

- **Watercolor Workshop from Dhaka Art College** 2016  
*Completed a specialized workshop focused on watercolor techniques.*
- **International Watercolor Workshop from "Fabriano in Acquerello"** 2018  
*Participated in an international workshop with renowned watercolor artists.*
- **Drawing, Watercolor, and Painting Workshop from Dhaka Art College** 2018  
*Enhanced skills in drawing, watercolor, and painting under expert guidance.*
- **Watercolor Workshop from Artist Mintu Dey** 2019  
*Gained advanced watercolor techniques through personalized instruction.*
- **Chinese Painting & Oriental Art Workshop from** 2019  
*Explored the intricacies of Chinese painting and Oriental art forms.*

### ***Artistic Awards & Certifications***

- **Certified Guest Artist, Shilpakala Academy – Mymensingh, Bangladesh** 2021  
*Awarded **certification** for exclusive participation in a prestigious art camp, recognizing artistic skill and contribution.*
- **Guest Artist, Colour Point Art Exhibition – Faridpur, Bangladesh** 2021 & 2023  
*Invited as a guest artist and recognized for participation in annual exhibitions organized by Color Point.*
- **“TRI ARTS” International Art Exhibition.** 2019  
Chaturtik Art Gallery, Jawahar Kala Kendra, Jaipur, Rajasthan, India  
*Received **Top 10 Best Artist Award** among international participants for outstanding artwork in the exhibition.*
- **International Art Exhibition – Tavern Hall, Gaiety Theater, The Mall, Shimla, HP, India** 2019  
*Selected to showcase contemporary artworks at a prestigious international exhibition.*
- **Ronger Garee – Online Watercolor Art Contest** 2019  
*Received **2nd Place** for creative participation in a global watercolor art contest, highlighting artistic talent and originality.*
- **Chinese Painting & Oriental Art Workshop** 2019  
*Received **Certification of Participation** and **3rd Place Award** for excellence in applying Chinese painting*

*techniques and Oriental art forms in a specialized international workshop.*

- **Living Arts – Art Exhibition & Competition**, Nandalal Bose Gallery, ICCR, Kolkata, **India** 2019  
*Received Honorable Award for artistic contribution and mentored children in showcasing their creative work.*
- **Trinity” – International Art Exhibition**, Mithila Yain Art Gallery, Kathmandu, **Nepal** 2018  
*Recognized with a **Special Award** and a **Certificate of Excellence** for outstanding artistic contribution and creative showcase at an international platform featuring diverse global artists.*

## **Artistic Leadership Experience**

### **Artshala – International Artists’ Community**

Founded by **Sanchita Saha**

<https://www.facebook.com/golbalartshala?mibextid=wwXIfr&mibextid=wwXIfr>

**Artshala** is a creative platform that nurtures artistic talent and promotes curates cultural exchange through exhibitions, competitions, and digital showcases. Beyond supporting emerging artists worldwide, Artshala works with children and adults, fostering learning, personal growth, and community development through creative activities. The organization encourages dialogue, creativity, and social impact in both physical and virtual spaces, contributing positively to society.

### **Curated Exhibitions & Art Camps**

- **The International Art Exhibition**, Mithila Yain Art Gallery, Kathmandu, Nepal 2022
  - *Curated and organized a global exhibition featuring young artists from India, Bangladesh, Nepal, Sri Lanka, and the USA.*
  - *Facilitated international collaboration and cultural dialogue by providing a platform for emerging artists to share their work globally.*
- **Talent Hunting – Group Art Exhibition and Art Camp**, Sahalam Art Gallery, Sylhet, **Bangladesh** 2021
  - *Curated a collection of works from emerging and established artists, fostering creative expression and cultural dialogue.*
  - *Promoted Artshala’s mission to support talent and strengthen community engagement through collaborative exhibitions.*
- **Art Camp & Exhibition – Jamuna Future Park, Dhaka, Bangladesh** 2021
  - Organized by Artshala in collaboration with recognized artists and Astro Carnival.
- **Talent Hunting ARTSHALA**, International Online Art Competition. 2020  
<https://www.facebook.com/TalentHuntingArtShala?mibextid=wwXIfr&mibextid=wwXIfr>
  - *Organized a global digital art competition during the COVID-19 pandemic, providing an online platform for artists to showcase creativity.*
  - *Engaged participants from India, Bangladesh, Nepal, Sri Lanka, and the USA, promoting cross-cultural artistic exchange and emerging talent.*
- **The Color of Mind, International Art Exhibition**, 2019

- Organized an exhibition showcasing artists from Bangladesh, India, Nepal, and the USA.
- Highlighted emotional expression and cultural identity through diverse visual art forms, creating a platform for cross-cultural dialogue.

## **Artshala for Creative Junior – International Digital Art School for Children**

<https://www.facebook.com/artmusan?mibextid=wwXIfr&mibextid=wwXIfr>

- **International Children Art Exhibition – Mithila Yain Art Gallery, Kathmandu, Nepal** 2022
  - Showcased the creativity of young artists from India, Bangladesh, Nepal, Sri Lanka & USA.
  - AProvided a platform for children to express their perspectives, promoting cultural exchange and global connections.
- **Art Competition & Exhibition – Jamuna Future Park, Dhaka, Bangladesh** 2021
  - Coordinated by Artshala in partnership with renowned artists and Astro Carnival.
  - Hosted children’s art competitions and exhibitions that fostered creativity, artistic learning, and active community participation.
- **Talent Hunting – Children’s International Online Art Competition** 2020
  - Designed an international digital competition for children during the COVID-19 pandemic.
  - Engaged young artists from India, Bangladesh, Nepal, USA and Sri Lanka, fostering cultural exchange and artistic development.

## **Teaching Certification**

Certified by NTRCA, Bangladesh – Successfully cleared 10th Teachers’ Registration Examination (Lecturer of Economics). 2014

## **ASSOCIATION MEMBERSHIP**

1. **Bandhan Friends and Fmaily, Austin, Texas, USA- Cultural Secretary** 2023 to Present  
<https://www.facebook.com/bandhanfnf?mibextid=wwXIfr&mibextid=wwXIfr>
  - Organizing cultural programs and events that connect the Bengali community with diverse international groups, fostering cross-cultural exchange and community unity.

2. **IEEE Membership, as a researcher**

## **SKILLS**

**Technical Skills:** Digital Marketing | Affiliate Marketing | Social Media Management | Hosting Management | Website Design & Development | Product Research | Content Management | Microsoft Office Suite.

**Programming Languages:** HTML | CSS, PHP Script | Cloud

**Leadership skills:** Presenting Solutions | Quality Assurance | SEO Team Lead | Quality Assurance | Exceptional

Communicator | Online Sales Team Lead | Art Exhibition Organizer | Creative Direction | Event Coordination |  
Community Engagement | Cross-Cultural Collaboration

**Languages:** English | Bangla | Hindi | Urdu

## EDUCATION

*Westcliff University, Irvine, California* 2027  
(*Doctor of Business Administration*)

*National University, Dhaka, Bangladesh* 2010  
(*Masters of Economic*)

## MY REFERENCE PROFILE

- Impactio: [Impactio](#)
- ResearchGate: [ResearchGate](#)
- ORCID: [Orchid](#)
- Web of Science: [Web of Science](#)
- Academia: [Academia](#)
- YouTube: [YouTube of Sanchit Westcliff](#)
- Facebook: [face book](#)