Mr. S M Monowar Kayser

Lecturer

Department of Multimedia & Creative Technology

Faculty of Science and Information Technology

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PROFILE

S. M. Monowar Kayser is an academician, researcher, and creative technologist from Thakurgaon, Bangladesh, where he spent his childhood and developed an early passion for art, drawing, and visual storytelling. His academic journey reflects a sustained commitment to excellence, earning him board scholarships at the primary, junior, secondary, and higher secondary levels, followed by Daffodil International University's prestigious four-year, fully funded Talent Hunt Scholarship with a stipend in 2018. He completed his B.Sc. in Multimedia and Creative Technology from Daffodil International University in 2022 with a CGPA of 3.94/4.00 and is pursuing an M.Sc. in Computer Science and Engineering at the same university. As a Lecturer in the Department of Multimedia and Creative Technology at Daffodil International University, Kayser teaches across animation, visual design, architectural visualization, lighting and rendering, and audiovisual production. His research contributions include eight IEEE- and Springer-published works in applied machine learning, computer vision, and related areas. As a filmmaker and 3D artist, he co-developed ADWAR, a 3D animated short film that received the DigiCon6 ASIA Bangladesh Next Generation Award in 2022 and was screened at the Art Beats Festival in the United Kingdom in 2024. Beyond research and filmmaking, he is committed to mentoring students, supervising creative projects, and helping emerging artists achieve recognition through festivals and competitions. His journey from Thakurgaon to academic and creative achievements reflects his belief that sustained effort, scholarship, and imagination can bring artistic vision and technological innovation together.

Research Interests: Artificial Intelligence, Machine Learning, Computer Vision, Image Processing, Data Science & Analytics, Human–Computer Interaction (HCI), Computer Graphics & Visualization, Architectural Visualization, Multimedia Technology, Digital Media & Interactive Systems, Educational Technology, Intelligent Systems & Automation, Applied Artificial Intelligence

EXPERIENCE

Document Processing Engineer — Apurba-DIU Research & Development Lab
Feb 2021 – Oct 2021

3D Artist & Level Designer — Spiral World- Digital Device & Innovation Expo (DDI Expo)-2021 project
Nov 2020 – Feb 2021

3D Artist & Level Designer — Daffodil Education Network
Sep 2020 – Oct 2020

Illustration & Compose Artist — Daffodil International University
Feb 2020 – Mar 2020

Graphic Designer — Skill.Jobs
Feb 2019 – Mar 2019

PUBLICATIONS (10)

1. Evaluating Instructor Effectiveness in Creative-Technology Education: A Machine Learning Approach with Longitudinal Data *(2026 International Conference on Emerging Smart Computing and Informatics, ESCI 2026)* · 2026
2. Field-Oriented Potato Disease Diagnosis: An Optimized EfficientNet-B0 Framework for Real-World Agricultural Deployment *(ICKECS 2026 - Proceedings of 4th IEEE International Conference on Knowledge Engineering and Communication Systems)* · 2026
3. Multimodal CNN Fusion for Radar-Based Human Detection Using 1D Time-Series and 2D Image Representations *(2026 International Conference on Emerging Smart Computing and Informatics, ESCI 2026)* · 2026
4. Predicting Student Performance in Architectural Visualization: A Random Forest Comparison of Core and Elective Student Groups *(ICKECS 2026 - Proceedings of 4th IEEE International Conference on Knowledge Engineering and Communication Systems)* · 2026
5. Radar-Based Target Identification for Security Applications Using Hybrid Deep Learning *(2026 3rd International Conference on Trends in Engineering Systems and Technologies (ICTEST), Kochi, India)* · 2026
6. Explainable Hybrid CNN Ensemble for Multi-Class Lung Cancer Classification from CT Images *(2026 3rd International Conference on Trends in Engineering Systems and Technologies (ICTEST), Kochi, India)* · 2026
7. Regularized CNN with Grad-CAM for Interpretable Multi-Class Brain Tumor MRI Classification *(2026 3rd International Conference on Trends in Engineering Systems and Technologies (ICTEST), Kochi, India)* · 2026
8. ADWAR, 3D animated short film *(Art Beats Festival 24)* · 2024

9. Flood in Bangladesh, 3D project *(International Academic Contemporary Art & Design Exhibition (INACADE) 2021)* · 2021
10. Deep Transfer Learning for Rice Blast Disease Classification: A Multi-Model Comparative Study *(Communications in Computer and Information Science)* · 2026

TEACHING AREAS

Principles and Elements of Design | Brand Design and Packaging | 2D Animation | Physics Based Animation | 3D Animation | Character Animation | Architectural Visualization | Landscape Simulation | Lighting and Rendering | Audio and Video Streaming and Editing | Computer Fundamentals

EDUCATION

Bachelor of Science
Daffodil International University · 2022
Result: 3.94 / 4.0

Master of Science
Daffodil International University · 2026

SKILLS

3D Modeling | 3D Animation | Architectural Visualization | Graphic Design | Machine Learning | Academic Research | Audio and Video Editing | Multimedia Content Development | Interactive Media Design | Digital Storytelling | Creative Technology | Research Visualization | Virtual Exhibition Development | Digital Illustration | 3D Texturing and Materials | 2D Animation

MEMBERSHIPS

Committee Member · Faculty of Science and Information Technology (FSIT), Daffodil International University
Active Member of the Examination Committee · Local · 2026 – Present

Committee Member · Department of Multimedia and Creative Technology (MCT), Daffodil International University
Defense Committee Member · Local · 2026 – Present

Committee Member · Department of Multimedia and Creative Technology (MCT), Daffodil International University
Member, Question Moderation committee · Local · 2026 – Present

AWARDS & HONORS

2nd Place Winner at the Art Beast Festival for the 3D animated short film ADWAR
Lancaster University and Sunway University · 2024

24th Digicon6 ASIA-Bangladesh Next Generation Award in the short film category for the film called ADWAR
Dhaka University · 2022

The International Academic Contemporary Art & Design Exhibition Award
School of Design at Binus University · 2021

Champion of an E-commerce Logo Contest for Valo Gulo
Valo Gulo · 2022

Best voluntary service Award in the Information and Communications Technology (ICT) Carnival
Daffodil International University · 2018

4 years fully-funded Talent Hunt Scholarship
Daffodil International University · 2018

Higher Secondary Certificate (HSC) Board Scholarship
Dhaka Education Board · 2017

Secondary School Certificate (SSC) Board Scholarship
Dinajpur Education Board · 2015

Junior School Certificate (JSC) Board Scholarship
Dinajpur Education Board · 2012

Primary School Certificate (PSC) Board Scholarship
Dinajpur Education Board · 2009

Certificate of Recognition in the Innovative Lesson Plan Competition 2026
· 2026

Runner-up in Football, MCT Premier League 2026 (Team Avengers)
· 2026

Champion in both Cricket and Football, MCT Premier League 2024 (Team Avengers)
· 2024

Certificate of Commendation for Club of Dev Presidency
Multimedia & Creative Technology (MCT) | DIU - Club of Dev · 2022

LINKS

IEEE Xplore | Google Scholar | ResearchGate | ORCID | GitHub | LinkedIn | Website