Mr. Apurba Ghosh

Assistant Professor

Department of Multimedia & Creative Technology

Faculty of Science and Information Technology

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PROFILE

Apurba Ghosh is an Assistant Professor in the Department of Multimedia and Creative Technology at Daffodil International University. With over 17 years of experience in multimedia production—particularly 3D modeling, 3D animation, and e-learning content development—he pairs scholarly rigor with professional practice. His teaching portfolio spans 23 distinct courses across the university curriculum. In recognition of his innovative teaching and student mentorship, he received the Golam Mustafa Award for Excellence in Teaching (2025). Beyond academia, he founded Dadar School, a YouTube-based education platform that serves a substantial global audience with high-quality audiobooks and tutorial videos. Ghosh is a versatile creative; his debut poetry collection, Sohoj Somikoron, has been warmly received, and his literary works appear in national magazines. He is committed to developing globally competent, skilled graduates through learner-centered teaching, applied research, and meaningful engagement.

Research Interests: E-Learning, Teaching Psychology, Aesthetics and Design, Multimedia in Education, 3D Modeling and Animation, Augmented and Virtual Reality, Multimedia Project Management

EXPERIENCE

Adjunct Faculty — Daffodil International University
Sep 2017 – Aug 2018

Senior Researcher & Ambassador — AAVA 3D
Jan 2017 – Jul 2018

Operation In Charge — Studio AAVA 3D
Jul 2015 – Dec 2016

Part-Time Lecturer — RAZABARI COLLEGE
Jul 2014 – Apr 2016

CG Artist — Studio AAVA 3D
Oct 2012 – Mar 2014

DIU

PUBLICATIONS (9)

1. An interpretable machine learning model for dengue detection with clinical hematological data *(Healthcare Analytics)* · 2025
2. Windows Based Interactive Application to Replicate Artworks in Virtual Environment *(Communications in Computer and Information Science)* · 2019
3. A data-driven approach to turmeric disease detection: Dataset for plant condition classification *(Data in Brief)* · 2025
4. Anatomical Analysis Between Two Languages Alphabets: Visually Typographic Test Transformation in Morphological Approaches *(Communications in Computer and Information Science)* · 2020
5. Unleashing the VEP Triplet Count of Virtually Created 3D Bangla Alphabet to Integrate with Augmented Reality Application *(Communications in Computer and Information Science)* · 2020
6. Augmented Reality in Elementary Education: System Architecture for Implementing an Interactive and Immersive E-Learning Application *(International Journal of Interactive Mobile Technologies)* · 2024
7. An Introduction to Matrices for Tomorrow's Multimedia Professionals · 2026
8. Virtual Reality Exposure Therapy For Acrophobia:A Systematic Review Of Clinical Evidence *(DIU Journal of Science and Technology)* · 2026
9. Low-Cost, High-Consistency Process Flow For Audio-Visual E-Learning Content Development For Foundational Computer Education On YouTube *(DIU Journal of Science and Technology)* · 2025

TEACHING AREAS

0541-111 / CIS 112 - Mathematics 1 · 0541-121 / MCT 223 - Mathematics 2 · 0613-121 - Structured Programming · 0613-122 - Structured Programming Lab · 0613-215 / MCT 231 - Object Oriented Programming · 0613-216 / MCT 232 - Object Oriented Programming Lab · 0613-413 / MCT 424 - Augmented and Virtual Reality Development · 0613-227 / CSE 417 - Web Engineering · 2011-223 / MCT 135 - Film Studies and Appreciation · 0611-111 - Computer Fundamentals · MCT 313 - 3D Animation 1 · CSE 450 - Data Mining · CSE 423 - Information Security · CSE 122 - Programming & Problem Solving · CSE 323 - Operating Systems · CSE 324 - Operating Systems Lab · CSE 422 - Computer Graphics · MCT 136 - Computer Networks and Internet · CSE 418 - Web Engineering Lab · MCT 331 - Character Design and Composition · MCT 336 - Texturing · MCT 221 - 3D Design and Modeling · MCT 222 - 3D Design and Modeling Lab · MCT 131 - Concept of Animation · MCT 132 - Concept of Animation Lab

EDUCATION

Master of Science
BRAC University

Bachelor of Science
Daffodil International University

SKILLS

3D Modeling and Animation · Voiceover · YouTube (Creator side algorithm, analytics, and strategies) · Corporate Presentation · Creative Writing · Video Editing and Compositing · Audio Editing and Composing · Ethical Team Spirit Development · Programming · Graphic Design · Game/Interactive Application Development · Web Development · Public Speaking

AWARDS & HONORS

Merit Scholarship for Outstanding Academic Result
Dhaka Education Board · 2009

Merit Scholarship for Outstanding Academic Result
BRAC University · 2018

Recognition for Technical Direction in 11th National Parliamentary Election Broadcast
Channel I · 2018

Recognition for Scholarly Indexed Publication
Division of Research, Daffodil International University · 2019

Recognition for Scholarly Indexed Publication
Division of Research, Daffodil International University · 2020

Recognition for Scholarly Indexed Publication
Division of Research, Daffodil International University · 2025

Excellence in Teaching Award
Daffodil International University and HRDI · 2025

LINKS

Website · YouTube · Facebook · ORCID