VR

academi

Ai & METAVERSE LAB

Empowered Minds Shaping Tomorrow
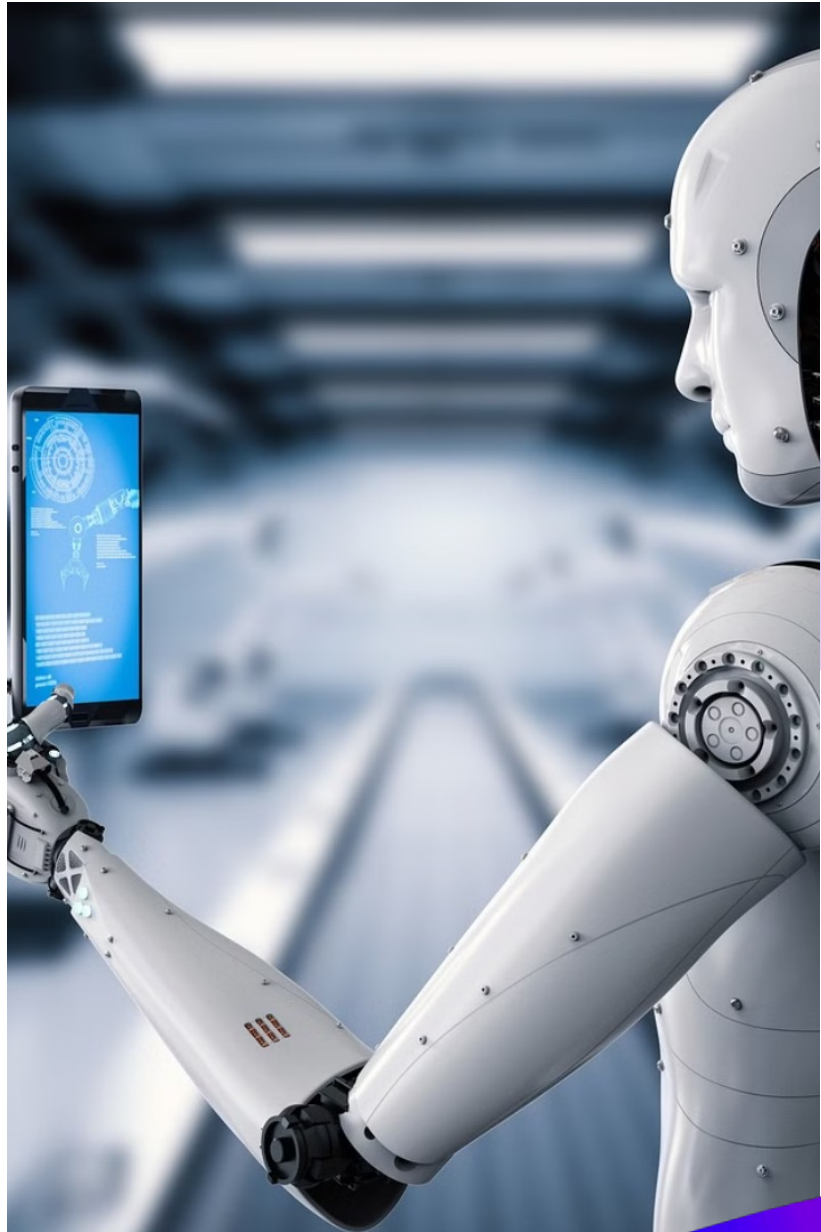
The Future of AIXR Design and Communication

By 2030, according to the a recent McKinsey Global Institute report, as many as 375 million workers—or roughly 55 percent of the global workforce—may need to switch occupational categories as AI enabled virtual reality, robotics, and advances in artificial intelligence disrupt the world of work.

Source: Jobs lost, jobs gained: Workforce transitions in a time of automation

aYR
academi
Ai & METAVERSE LAB

VRAcademi Ai & Metaverse Lab Unreal Certified Courses led by alumni and faculty from Imperial College London, University of Arts London, St Martins and University of Florence, School of Architecture

VRAcademi is a pioneering educational institution that leverages cutting-edge technologies to redefine learning experiences. Specializing in Virtual Reality (VR), Augmented Reality (AR), Extended Reality (XR), Artificial Intelligence (AI), and Robotics, VRAcademi aims to prepare students for the future by equipping them with the skills and knowledge needed to thrive in a rapidly evolving digital landscape.

The AI and Metaverse Lab at VRAcademi in Dubai is a state-of-the-art facility dedicated to immersive learning and innovation.

Future-Ready Courses

Courses meticulously crafted to align with future demands, Immersive Movie Making, Robotics, Ai Coding, Unreal Engine Game Development courses authorized by Epic Games.

Innovation Hub

State-of-the-art Artificial Intelligence and Metaverse Lab serving as an incubation hub for immersive learning, innovation, entrepreneurship, creativity, and future learning.
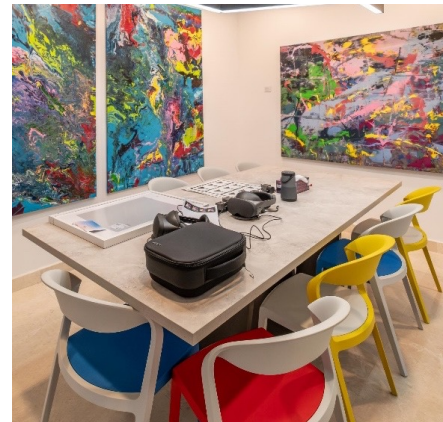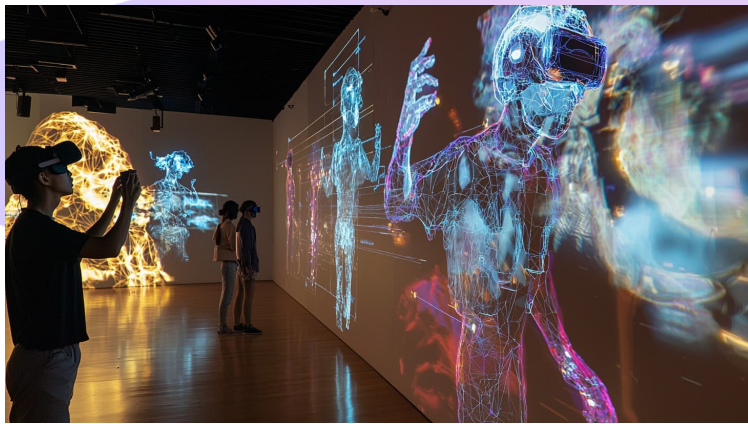
Our Learning Environment

The XR Immersion Lab

✨ 5 Days Future Design Summer Camps Focused on 3 strands in AI and XR

Future Training in Transformative Design Architecture, Art, and Fashion Design

1

Future Art and Design with Virtual and Extended Reality and Ai

2

Sustainable Architecture Design with VR and Extended Reality and Ai

3

Future Fashion Design in Virtual and Mixed Reality and Ai

* Every Camp is divided into Practical Lab Lessons and Workshops in the Morning + Guided field tours and Study excursions in the Afternoon/Evening sessions

VR academi
AI & METAVERSE LAB

5 days Future Design Summer Camps AI and XR

5 days each course in July and August, Summer 2025

1
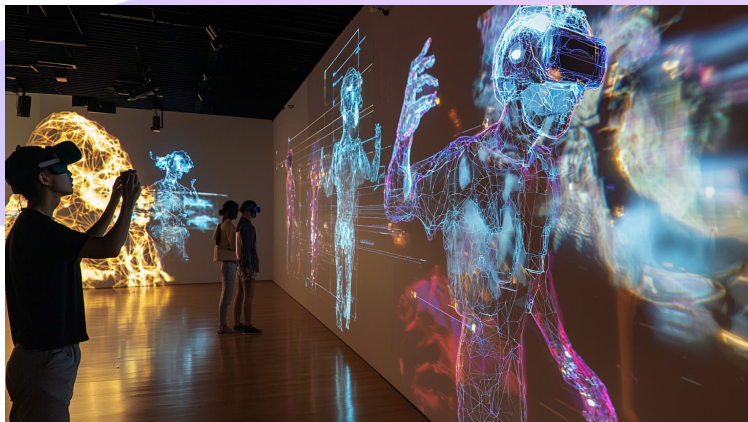
Future Art and Design with Virtual and Extended Reality and Ai

June 30-July 4
Or
July 21-25

2

Sustainable Architecture Design with VR and Extended Reality and Ai

July 7-11
Or
July 28 – Aug 1

3

Future Fashion Design in Virtual and Mixed Reality and Ai

July 14-18
Or
Aug 4-8

VR academi
AI & METAVERSE LAB

5 days Future Design AI XR Summer Camps

Meet your faculty

Sonal Ahuja

Visiting Faculty Imperial College London and UCL (Dept of Computer Science and Civil Engineering), Founder VRAcademi, Exec Director AI and Innovation Kapsch AG

Tomma Stensko

World famous artist and designer Central Saint Martins University of Art and Design, London.

Simone Micheli

Visiting Faculty at University of Florence, School of Architecture, Founder of Architectural Hero International Practice based on DXB, Milan, Florence and India,

5 Days Future Design Summer Camps AI and XR

Course AED 3995 + vat for UAE based Students

What is included in the course

- **All Costs of Study Materials is Included;**
- **Hardware and software use in Lab is included;**
- **Transportation to attractions is included**
- **Costs of visitor attractions and guided tour fees in included;**

Optional Items

- **Organic Food and Refreshments (AED 400 per student)**
- **Pick up and Drop off from and to Home in Dubai only (AED500)**

5 Days Future Design Summer Camp Focused on
Future Art and Design with XR and Ai

1 **Future Art and Design with XR and Ai**

Experience the Future of Art and Design with VRAcademi's AI & Metaverse Lab. Learn to unleash your creativity with our XR and Ai art workshops. Learn to sculpt, paint, and animate in a virtual space, using advanced XR tools that bring your artistic visions to life. Experience Art and Technology in Dubai and immerse in the artistic spirit of Arabia through Dubai its gateway.

Learn **Prompt Engineering to create Art with Ai, Master Tilt Brush, Gravity Sketch, BrushworksVR, Graffiti VR, Dojagi Pottery, Quill 3D and Multibrush. 3D print your sculptors. Make your own VR art gallery using Unreal Engine 5.0 and learn to mint your NFTs. Make your own XR Art portfolio using mix media and AI.**

5 Days Future Design Summer Camp Focused on
Future Art and Design with XR and Ai

Programme Highlights

VR Sculpting and Painting: Learn and Master to use tools like Gravity Sketch, Tilt Brush and Quill, Brushworks Studio, Pottery VR and GraffitiXR at **VRacademi Ai and Metaverse Lab next to Burj al Arab in the heart of Dubai**

Interactive Art Installations: Build immersive art experiences with **Unreal Engine** and Create your 1st **Metaverse Exhibitions** and mint **NFTs.**

Immersive Animation: Animate your art in VR with Ai

Afternoon sessions feature visits to Dubai's and UAE top art venues, including **Louvre Abu Dhabi, Museum of the Future, Al Seef District, Alserkal Avenue and the Jameel Arts Centre + more**

5 Days Future Design Summer Camp Focused on

Future Art and Design with XR and Ai

Instructors: Tomma Stensko , *Director, Artist, Designer, London, DXB*

Tomma a world renowned artist based in Dubai and London and after graduating from St Martins College of Art and Design in London has dedicated her life to experimental use mixed media and VR technology.

"I am captivated by the enchanting world of colour, an endless fascination that drives me to immerse myself in its exploration. Whether delving into research, savouring its auditory manifestations, or experiencing the breathtaking collision of hues, I am consistently astonished by the limited understanding we possess of this boundless phenomenon."

Toma Stenko, through powerful and often grandiose creations, masterfully harmonizes the interplay of movement and stillness, colour and form. Her artistic journey is a relentless pursuit, seeking to unveil the visible within the invisible and discover the infinite within the finite.

Instructors: Sonal Ahuja , *City Designer, Ai, XR and Technology, DXB, London*

Meet Sonal Ahuja, the visionary behind VRAcademi Ai & Metaverse Lab which was brainchild of his teenage son. With over 30 years of global expertise in managing design and cities and urban Infrastcrure, Sonal is redefining education through AI, Robotics, and the Metaverse. Join the transformative journey where research meets innovation in education. Sonal is one of the founders of Ai revolution in urban landscape.

Over 25 years ago he laid down the foundations on the use of biomimicry genetic algorithms for solving complex urban problems while pursuing his PhD research at Imperial College London. A serial entrepreneur having investments in his previous companies from Porshe SE Group in Germany and Translucia , MQDC Group Thailand, he is a global pioneer in innovation.

5 Days Future Design Summer Camp Focused on

Future Art and Design with XR and Ai

Detailed Programme

Day 1: (Monday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)

Introduction to VR in Art:
• **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 10:30 AM**: Welcome and Overview
   • Introduction to the week's focus on art.
   • Overview of VR, AR, and MR in digital art creation. Using **MetaQuest and Apple Vision Pro**
• **10:30 - 12:00 PM**: VR Basics for Art
   • Using Meta Quest Pro for creating digital art.
   • Tools: **Brushworks Studio and Quill.**
• **12:00 - 1:00 PM**: Augmented Reality in Art
   • Creating AR art installations with Apple Vision Pro.
• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Art Attractions in Dubai (2:00 PM Onwards)
2:00 PM – 5:00 PM: Technical Tour of Museum of the Future
•Guided Tour the most innovative and modern museum that focuses on the future of innovation in modern society in Dubai
• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on

Future Art and Design with XR and Ai

Detailed Programme

Day 2: (Tuesday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
VR Sculpting and Painting

- **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
- **9:00 - 11:00 AM**: VR Sculpting Workshop
    - Sculpting in VR using **Gravity Sketch.**
- **11:00 - 1:00 PM**: Mixed Reality Painting
    - Sculpting and Painting with **Tiltbrush, Magic Leap 2, ARKit**
- **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Art Attractions in Dubai (2:00 PM Onwards)

2:00 PM - 5:00 PM Technical Tour of Alserkal Avenue – Discover Dubai Art Scene
•Tour contemporary art galleries and creative spaces.

- **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on
Future Art and Design with XR and Ai

Detailed Programme

Day 3: (Wednesday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
Graffiti, Sculpting and Printing in VR and 3D

- **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
- **9:00 - 11:00 AM**: Creating VR Graffiti Installations
  - Learning to use **Graffiti VR** to express your Art.
- **11:00 - 1:00 PM**: Mastering 3D Sculpting and **3D Printing**
  - Developing Pottery and Art in **Dojagi and Pottery VR** and Optimising Models for 3D printing
- **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Art Attractions in Dubai (2:00 PM Onwards)

2:00 PM - 5:00 PM Technical Tour of Historical Bastakiya, Museum of Illusions and Al Seef District
•Guided Study Tour of the historical heart of Dubai and experience the world of illusionary art art at the Museum of illusions. Walkdown the narrow lanes of Al Seef district and discover hidden Middle Eastern Art.

• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on
Future Art and Design with XR and Ai

Detailed Programme

Day 4: (Thursday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
Interactive Art Installations

• **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 11:00 AM**: Using Mixed Media and Ai tools to enhance Art
   • Creating a **Mixed Media** Installation and using Ai tools to remix and enhance Art.
   • Learning to use **Using 360 Interactive Immersive Projection system** for interactive art displays, Creating **Ai art Videos in LLM and** using **SORA** and **Learning Prompt Engineering** for ART
• **11:00 - 1:00 PM**: Creating VR Art Installations
   • Using **Unreal Engine 5.0** to build interactive art.
• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Art Attractions in Dubai (2:00 PM Onwards)
2:00 PM - 5:00 PM Technical Tour of Aya Universe Digital Art Installation and Dubai Mall and Dubai Fountains
•Discover the immersive art installations at Aya universe Discover contemporary design Dubai Mall and see the the music give life to water at the Dubai fountains.
• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on

Future Art and Design with XR and Ai

Detailed Programme

Day 5: (Friday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
Future Art and Design Project Showcase

• **8:45: 9:00 AM:** **Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 11:00 AM**: Ai Art Project Development
    • Creating and finalizing art projects using Spatial and Ai tools Such as **Mid Journey and Dall-e** VR/AR/MR tools.
• **11:00 - 1:00 PM**: Project Presentation and Feedback and Certificate Ceremony
    • Showcasing projects and receiving feedback from VRAcademi instructors.

• **1:00 - 1:30 PM**: Lunch Break

Afternoon Sessions - Art Attractions in Abu Dhabi (1:30 PM Onwards)
3:00 PM - 5:00 PM Technical Tour of Louvre Abu Dhabi and Discover Abu Dhabi Art Scene
•Guided Study Tour of the Louvre Art Gallery in Abu Dhabi with Dinner in Abu Dhabi

• **6:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on

Future Art and Design with XR and Ai

Programme Highlights

Any Prerequisites or requirements?
Interest in Art

Delivery Format:
Physical
Dates: July, August 2025

Location:
VRAcademi, AI and Metaverse Lab, Jumeriah Beach Road, Umm Sequim 1, Dubai, UAE
https://maps.app.goo.gl/KURavemt1sqAZKwY9

Language of Instruction
English

Objectives of the course:
To learn the fundamentals of design and traditional art using advanced traditional, digital, ai and Virtual tools using Virtual Reality

Target Audience:
Art Enthusiasts, Level - Beginners, Intermediate and Advance

Max Seats:
30 Students

Minimum Group of 10 students: Maximum 30

5 Days Future Design Summer Camp Focused on
Future Art and Design with XR and Ai

Learning Objectives

• Develop foundational skills in traditional painting techniques.
• Explore creative thinking and problem-solving in the context of visual arts.
• Gain proficiency in translating ideas into tangible works of art on canvas.
• Familiarize yourself with virtual reality (VR) artistry tools and techniques.

Learning Outcomes

At the end of the course students will be able to:
• Acquire a solid understanding of fundamental painting principles.
• Enhance creative thinking and problem-solving abilities within the realm of visual arts.
• Demonstrate the ability to create a physical painting with refined artistic sensibilities.
• Apply virtual reality (VR) artistry skills to produce an immersive virtual masterpiece.
• Experience a transformative journey, expanding horizons in both traditional and cutting-edge creative practices.
• Obtain Unreal Engine 5 Design Certification dual signed by VRAcademi Ai Labs

5 Days Future Design Summer Camp Focused on

Sustainable Architecture Design with XR and Ai

2

Sustainable Architecture Design with XR and Ai

Learn and master architectural design like never before. Our program combines the latest VR technology with hands-on projects, allowing you to build and explore virtual structures. Using Unreal Engine 5 and Virtual reality you learn to create future designed empowered with Ai.

You experience the future of design transformed with technology in the most modern city of the world, Dubai, which is also called as the Legoland for architects. Using Dubai as a backdrop for case study you learn how it is transforming itself as the sustainable capital of the world

5 Days Future Design Summer Camp Focused on

Future Art and Design with XR and Ai

Instructors: Simone Micheli,

Chief Architect at Simone Micheli Architectural Hero, Milan, Florence, DXB

Meet Simone Micheli, a visionary architect and founder of the Architectural Studio. Over 25 years ago he co-established Simone Micheli Architectural Hero, a design company spanning locations from Florence to Dubai. His diverse expertise covers master plans, architecture, interior design, and more. Renowned for sustainable creations, Simone has left an indelible mark with unique projects for public and private clients globally. As a curator and speaker, he actively contributes to international exhibitions and academic forums. Explore the world of design with Simone Micheli, where innovation meets environmental consciousness.

Instructors: Sonal Ahuja , *City Designer, Ai, XR and Technology, DXB, London*

Meet Sonal Ahuja, the visionary behind VRAcademi Ai & Metaverse Lab which was brainchild of his teenage son. With over 30 years of global expertise in managing design and cities and urban Infrastcrure, Sonal is redefining education through AI, Robotics, and the Metaverse. Join the transformative journey where research meets innovation in education. Sonal is one of the founders of Ai revolution in urban landscape.

Over 25 years ago he laid down the foundations on the use of biomimicry genetic algorithms for solving complex urban problems while pursuing his PhD research at Imperial College London. A serial entrepreneur having investments in his previous companies from Porshe SE Group in Germany and Translucia , MQDC Group Thailand, he is a global pioneer in innovation.

5 Days Future Design Summer Camp Focused on

Sustainable Architecture Design with XR and Ai

Programme Highlights

VR Desgining Tools amd Advanced 3D Modelling and Visulisation: Learn and Master to use tools like **Unreal Engine 5, Unity, Twinmotion, ARKit, Blender, Gravity Sketch, Tilt Brush** at **VRacademi Ai and Metaverse Lab next to Burj al Arab in the heart of Dubai.** Join us for an immersive journey into the worlds of architecture, art, and fashion design. As the **only Epic Games - Unreal Authorized Training (UAT) learning center** in the region, we offer cutting-edge training using the latest in VR, AR, and MR technologies. Discover, create, and innovate with VRAcademi.

Interactive VR Walktroughs: Build immersive VR and Architectural experiences with **Unreal Engine** and **Unity** and Create your 1st **VR Architectural project** and mint **NFTs.**

Afternoon sessions feature guided study tours to Dubai's and UAE top Architectural landmarks, including **Museum of the Future, Burj al Arab, Burj Khalifa, Souk Madinat Jumeriah, Dubai Design District D3, Dubai Frame, Ain Dubai and Dubai Sustainable City + more**

5 Days Future Design Summer Camp Focused on

Sustainable Architecture Design with XR and Ai

Detailed Programme

Day 1: (Monday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)

Introduction to VR in Architecture
• **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 10:30 AM**: Welcome and Overview
  • Introduction to VRAcademi and the week's focus on architecture.
  • Overview of VR, AR, and MR technologies and their applications in architecture.
• **10:30 - 12:00 PM**: VR Basics for Architecture
  • Hands-on session with Meta Quest Pro.
  • Introduction to architectural modelling tools in VR such as Gravity Sketch
• **12:00 - 1:00 PM**: Mixed Reality in Architectural Design
  • Using Magic Leap 2 for architectural visualization.
• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions – Architectural Attractions in Dubai (2:00 PM Onwards)

2:00 PM – 5:00 PM: Technical Tour of Museum of the Future
•Guided Tour the most innovative and modern museum that focuses on the future of innovation in modern society in Dubai
• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on

Sustainable Architecture Design with XR and Ai

Detailed Programme

Day 2: (Tuesday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
VR Architectural Modelling

• **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 11:00 AM**: Advanced Architectural Design in VR
    • Creating detailed architectural models Stable Diffusion, Dall-E and using Meta Quest Pro.
    • Using software like SketchUp VR and Gravity Sketch.
• **11:00 - 1:00 PM**: Augmented Reality in Architecture
    • Applying Apple Vision Pro for AR-enhanced architectural design.
• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions – Architecture Marvels of Dubai (2:30 PM Onwards)

Day 2: Guided Study Tour of Dubai Frame and D3 Dubai Design District
• Explore the world's largest frame and its architectural and
• Tour D3 Dubai Design District and learn its cultural significance.

• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on

Sustainable Architecture Design with XR and Ai

Detailed Programme

Day 3 (Wednesday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
**Creating Interactive Architectural Walkthroughs**

- **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
- **9:00 - 11:00 AM**: Creating VR Walkthroughs
  - Building interactive VR walkthroughs of architectural designs.
  - Using 360 cameras for immersive walkthroughs Using 360 Immersive Projection systems.
  - Tools: Blender, Unreal Engine and Twinmotion.
- **11:00 - 1:00 PM**: AR for Real-Time Collaboration
  - Collaborative design using Magic Leap 2 and ARKit
- **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Architecture Marvels of Dubai (2:30 PM Onwards)
Day 3: Dubai Sustainable City, Kite Beach, Burj Al Arab and Madinat Jumeriah
•Guided Study Tour of the Kite Beach, Dubai Sustainable City, Burj al Arab, and Souk Madinat Jumeriah and understanding how Sustainability is in built into the future of Dubai

- **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.
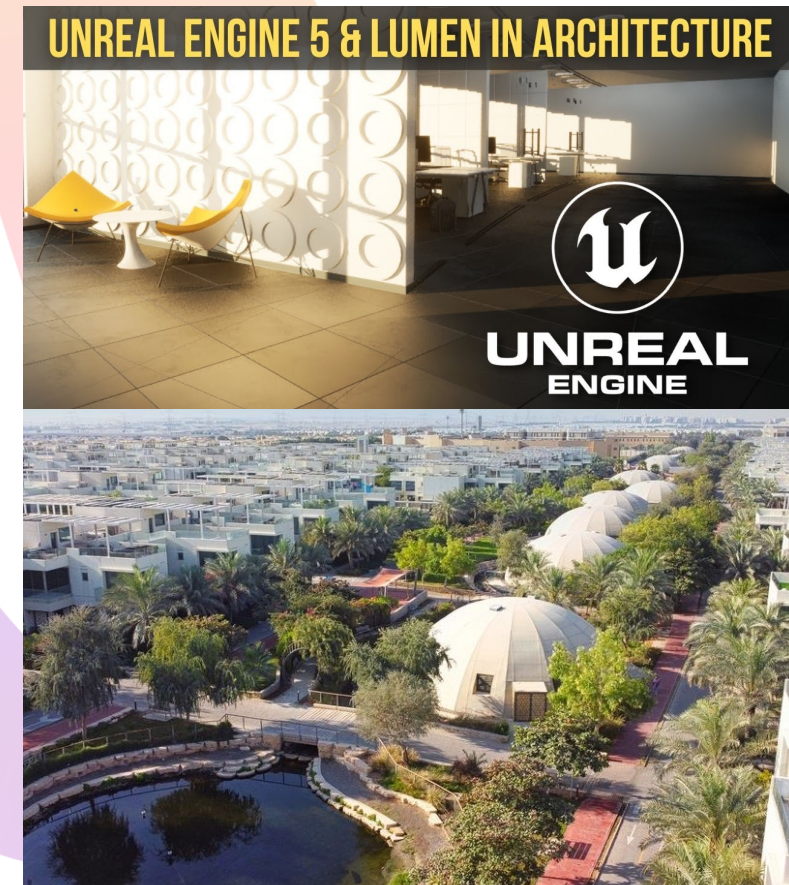
5 Days Future Design Summer Camp Focused on

Sustainable Architecture Design with XR and Ai

Detailed Programme

Day 4: (Thursday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
Sustainable Architectural Design

• **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 11:00 AM**: Designing Sustainable Structures with Ai and Ai Prompt Engineering
  • Using VR to explore sustainable materials and techniques.
• **11:00 - 1:00 PM**: Mixed Reality for Sustainability Analysis with a focus on Unity
  • Tools: Magic Leap2, BlipAR and Apple Vision Pro.

• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Architecture Marvels of Dubai (2:30 PM Onwards)
Day 4: Palm Jumeriah, Atlantis, Dubai Marina and Ain Dubai
•Discover the mega architectural marvels of Dubai including the iconic Palm Jumeirah development, the Atlantis hotel, Monorail and Dubai Tram, Discover Dubai Marina end up in in Ain Dubai the largest Ferris wheel of the world.

• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on
Sustainable Architecture Design with XR and Ai

Detailed Programme

Day 5: (Friday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
Final Future Project Development

• **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 11:00 AM**: Team Projects
   • Collaborative architectural interior and building projects using all VR/AR/MR tools.
• **11:00 – 1:00 PM**: Project Review and Feedback and Certificate Ceremony
   • Presenting projects and receiving feedback from VRAcademi instructors.

• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Architecture Marvels of Dubai (2:30 PM Onwards)

Day 5: Burj Khalifa, Dubai Mall, Dubai Fountains, Souk al Bahar
• Guided Study Tour of design and construction processes of Burj Khalifa, Dubai's iconic buildings and a trip to the top of Burj Khalifa the tallest building in the world, quick spin tour of Dubai Mall, Dubai Fountains and a cultural tour of Souk Al Bahar. Dinner at Sukh Al Bahar
• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on

Sustainable Architecture Design with XR and Ai

Programme Highlights

Any Prerequisites or requirements?
Interest in Art or Design or Architecture or City Design
Delivery Format:
Physical
Date: Jule, July, August 2025

Location:
VRAcademi, AI and Metaverse Lab, Jumeriah Beach Road, Umm Sequim 1, Dubai, UAE
https://maps.app.goo.gl/KURavemt1sqAZKwY9
Language of Instruction
English
Objectives of the course:
Participants will gain a transformative perspective, mastering innovative design approaches that seamlessly blend traditional principles with cutting-edge technologies to shape the future of diverse design disciplines using VR , AR and Ai

Target Audience:
Design, Architecture and Art Enthusiasts, Level - Beginners, Intermediate and Advance
Max Seats:
30 Students

Minimum Group of 10 students

5 days Future Design Summer Camp Focused on

Sustainable Architecture Design with XR and Ai

Learning Objectives

- Learning with 360 degree approach: Understand how Architecture, Interior, Product, and Visual Design work, especially in the future.
- Be Really Creative: Think of smart and creative ways to solve design problems.
- Use Tech: Learn how to use the newest and coolest technologies in your designs. Get practical tips on using super advanced materials and technology. Dive into the world of Ai, Spatial Computing and Metaverse.
- Look to the Future: Find out what's new and what's coming next in design.
- Develop and test innovative ideas through experimentation.

Learning Outcomes

At the end of the course students will be able to:

- To gain a deep understanding of Future Design Thinking by blending traditional design with AI concepts.
- To Utilize AI tools in architecture, interior design, product design, and visual design processes for innovative solutions.
- To Creatively mix traditional and AI elements, producing designs that balance human-centric and AI-driven approaches.
- To Analyze and predict future design and AI trends, adapting strategies to remain at the forefront of innovation.
- To Collaborate in interdisciplinary teams, consider ethical implications, and communicate design concepts clearly through various mediums.
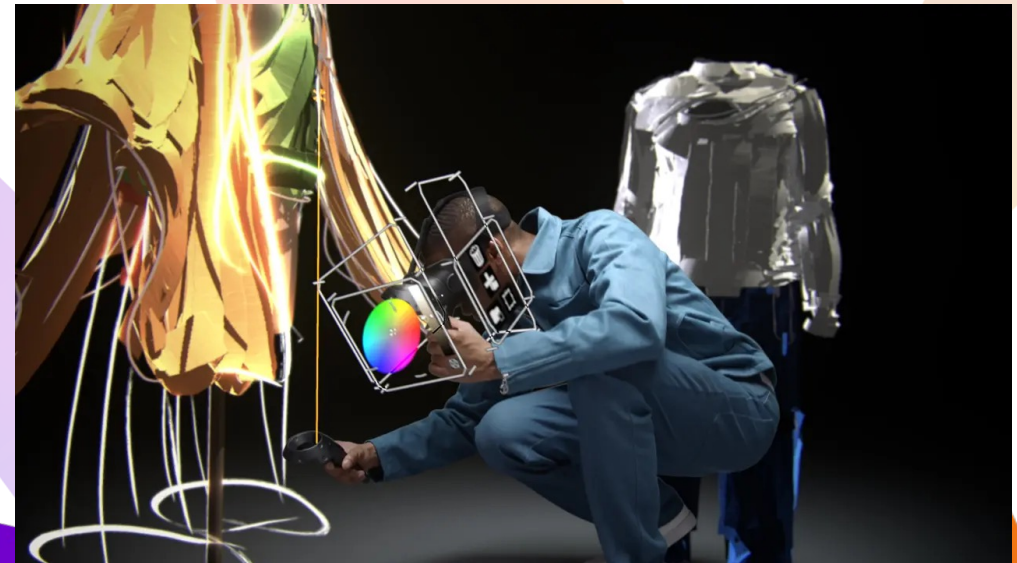
5 days Future Design Summer Camp Focused on
Future Fashion Design in VR/MR and Ai

3 | Future Fashion Design in VR/MR and Ai

You will take a bold into the future of fashion design with our VR, AR and Ai tools. You will learn to create and showcase virtual clothing designs, explore smart textiles, and participate in virtual fashion shows. You will master of the art of creating fashion in 3-D using digital tools and combining it 3-D printing and sculpting technologies that'll bring your virtual fashions to life.

Using Dubai as a backdrop your learn how the city has transformed itself into not just the Jewelry and Fashion capital of the world with a fusion of traditional Arabic, Asian and European designs.

5 Days Future Design Summer Camp Focused on
Future Fashion Design in VR/MR and Ai

Programme Highlights

Innovating Fashion in the Virtual World.

Step into the future of fashion design with our VR and AR tools. Create and showcase virtual clothing designs, 3D prints and designs explore smart textiles, and participate in virtual fashion shows.

Key activities include:

VR Fashion Design: Learn to Design virtual outfits with **Clo3D. Learning Tiltbrush and Gravity Sketch** for **3D Modelling.** Using **Ai** for Fashion Design.

AR Fashion Draping: Experiment with fabric textures in augmented reality.

Virtual Fashion Shows: Present your designs on a digital runway.

Explore Dubai's vibrant fashion scene with visits to **the Dubai Mall Fashion Avenue and the Gold and Textile Souk**
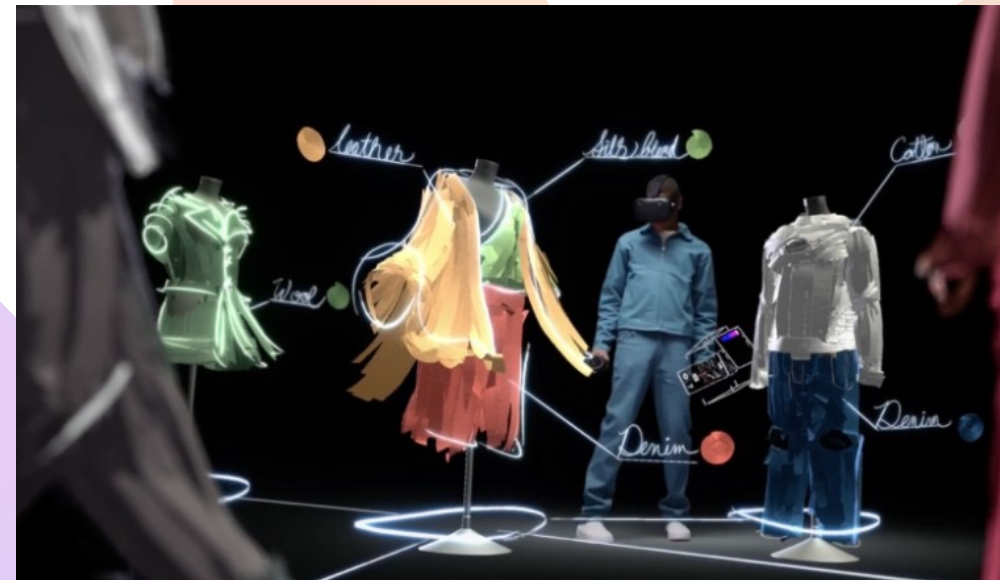
5 Days Future Design Summer Camp Focused on

Future Fashion Design in VR/MR and Ai

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Meet Sonal Ahuja, the visionary behind VRAcademi Ai & Metaverse Lab which was brainchild of his teenage son. With over 30 years of global expertise in managing design and cities and urban Infrastcrure, Sonal is redefining education through AI, Robotics, and the Metaverse. Join the transformative journey where research meets innovation in education. Sonal is one of the founders of Ai revolution in urban landscape.

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5 days Future Design Summer Camp Focused on

Future Fashion Design in VR/MR and Ai
Detailed Programme

Day 1: (Monday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
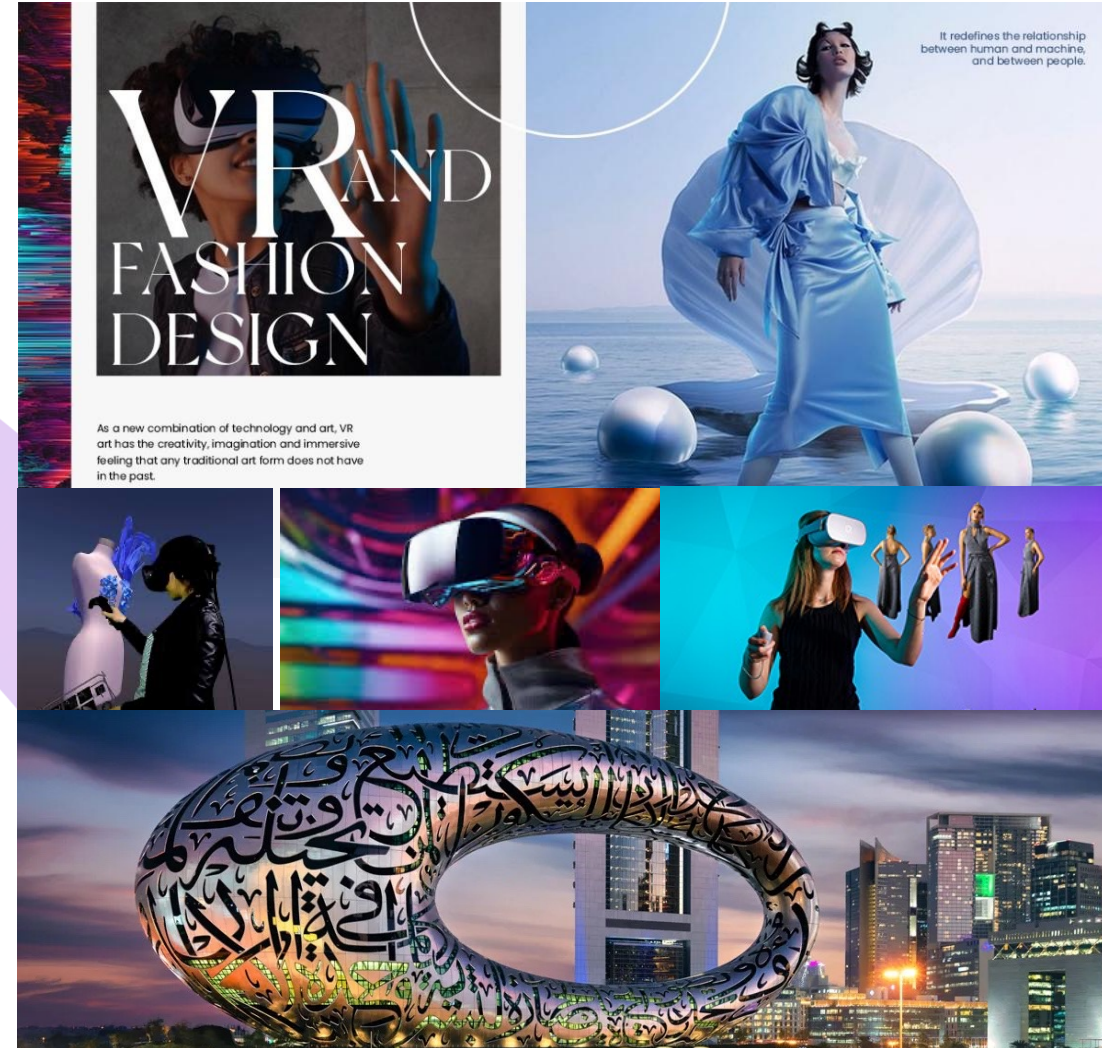
Introduction to VR in Fashion Design
• **8:45: 9:00 AM:** **Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 10:30 AM**: Welcome and Overview
   • Introduction to the week's focus on fashion design.
   • Overview of VR, AR, and MR in fashion design.
•**10:30 - 12:00 PM**: VR Basics for Fashion
   • Using Meta Quest Pro for virtual fashion design.
   • Tools: Clo3D and Marvelous Designer.
•**12:00 - 1:00 PM**: Mixed Reality in Fashion
   • Designing fashion in AR with Magic Leap 2.
• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions – Fashion Attractions in Dubai (2:30 PM Onwards)
Day 1: Technical Tour of Museum of the Future
•Guided Tour the most innovative and modern museum that focuses on the future of innovation in modern society in Dubai. Experience futuristic fashion and design innovations.
•**5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

It redefines the relationship between human and machine, and between people.

VR AND FASHION DESIGN

As a new combination of technology and art, VR art has the creativity, imagination and immersive feeling that any traditional art form does not have in the past.

5 Days Future Design Summer Camp Focused on

Future Fashion Design in VR/MR and Ai

Detailed Programme

Day 2: (Tuesday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
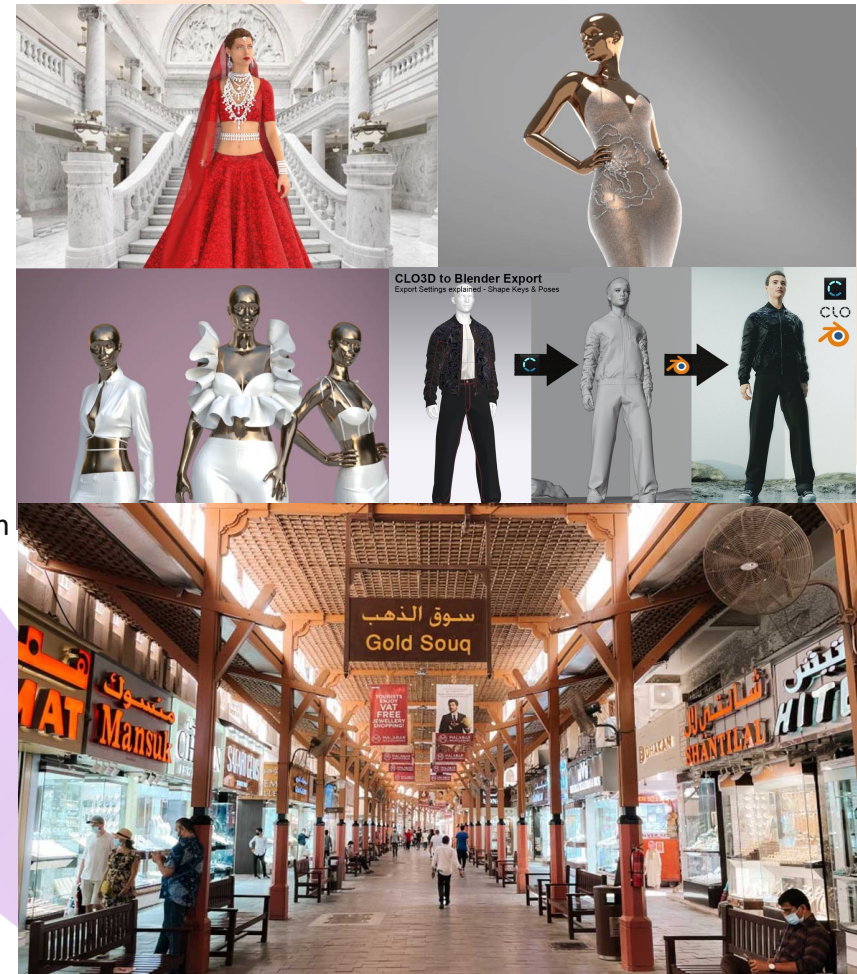**VR Fashion Design and Draping**

• **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 11:00 AM**: VR Fashion Design Workshop
   • Creating virtual clothing with Clo3D.
• **11:00 - 12:30 PM**: MR Fashion Draping
   • Draping fabrics in MR with Tilt Brush and Exploring Gravity Sketch for Fashion Design.
   • Draping fabrics in AR with Apple Vision Pro.
• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions – Fashion Attractions in Dubai (2:30 PM Onwards)

Day 2: Guided Study Tour of Dubai Textile Souk, Mina Bazaar and Old Gold Souk
Visit the traditional textile market and learn about fabrics and Jewellery Design.
• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on
Future Fashion Design in VR/MR and Ai

Detailed Programme

Day 3: (Wednesday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
Creating Virtual Fashion Shows

• **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 11:00 AM**: Creating VR Fashion Show
  • Enhancing and Blending designs with Ai using Dall-E and learning prompt engineering
  • Building virtual fashion runways using Unreal Engine 5.0
  • Using SONY MOCOPY for fashion shows.
  • Learning to use Using 360 Immersive Projection system for interactive art display
• **11:00 - 1:00 PM**: AR Fashion Showcases
  • Presenting fashion designs in AR environments.
• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Fashion Attractions in Dubai (2:30 PM Onwards)
Day 3: Guided Tour of Mall of the Emirates - Fashion Dome
Discover the latest in global fashion trends and brands and significance of fusion of cultural influences in fashion.
• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on
Future Fashion Design in VR/MR and Ai

Detailed Programme

Day 4: (Thursday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
**Fashion Design and Technology**

- **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
- **9:00 - 11:00 AM**: Integrating Technology in Fashion
    - 3D Printing Accessories created in VR
    - Using VR to explore smart textiles and wearable tech.
- **11:00 - 1:00 PM**: Mixed Reality Fashion Innovations with a focus on Unity
    - Tools: Magic Leap2, BlipAR and Apple Vision Pro.
    - Exploring ARKit for fashion tech.
- **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Fashion Attractions in Dubai (2:30 PM Onwards)
Day 4: Learn about Jewellery Design at Dubai Gold and Diamond Park, Study tour of City Walk Dubai
Experience trendy fashion and fusion boutiques of Arabic, European and Asian boutiques and design stores. Learn about jewellery design and craftsmanship.
- **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.
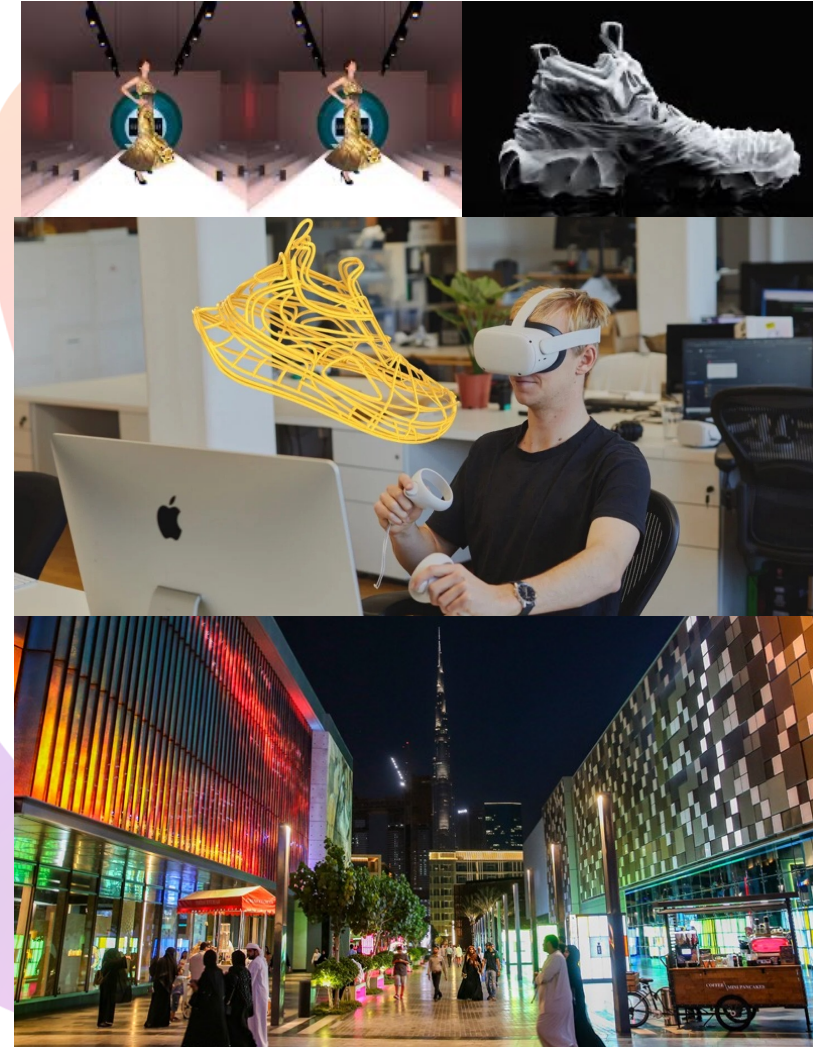
5 Days Future Design Summer Camp Focused on

Future Fashion Design in VR/MR and Ai

Detailed Programme

Day 5: (Friday)
Morning Sessions at VRAcademi's AI & Metaverse Lab (9:00 AM - 2:00 PM)
Final Future Fashion Project Showcase

• **8:45: 9:00 AM: Drop off** at VRAcademi Ai and Metaverse Lab.
• **9:00 - 11:00 AM**: Future Fashion Project Development
    •   Finalizing fashion designs using Ai + VR/AR/MR tools.
• **11:00 – 1:00 PM**: Project Review and Feedback and Certificate Ceremony
    •   Presenting projects and receiving feedback from VRAcademi instructors.

• **1:00 - 2:00 PM**: Lunch Break

Afternoon Sessions - Fashion Attractions in Dubai (2:30 PM Onwards)

Day 5: Guided Study Tour of Dubai Mall Fashion Avenue, Burj Khalifa, Souk al Bahar and Dubai Fountains
Explore high-end fashion stores and innovative displays. Dinner at Souk Al Bahar
• **5:30 PM Pick up** from at VRAcademi Ai and Metaverse Lab.

5 Days Future Design Summer Camp Focused on

Future Fashion Design in VR/MR and Ai

Programme Highlights

Any Prerequisites or requirements?
Interest in Fashion orArt
Delivery Format:
Physical
Date: Jule, July, August 2025
Location:
VRAcademi, AI and Metaverse Lab, Jumeriah Beach Road, Umm Sequim 1, Dubai, UAE
https://maps.app.goo.gl/KURavemt1sqAZKwY9

Language of Instruction
English
Objectives of the course:
To learn the fundamentals of fashion and design and traditional art using advanced traditional, digital, ai and Virtual tools using Virtual Reality
Target Audience:
Fashion and Art Enthusiasts, Level - Beginners, Intermediate and Advance
Max Seats:
30 Students

Minimum Group of 10 students

5 Days Future Design Summer Camp Focused on
## Future Fashion Design in VR/MR and Ai

Learning Objectives

- Learning with 360 degree approach: Understand how Fashion Design, Costume Art, and Visual Design work, especially in the future.
- Be Really Creative: Think of smart and creative ways to solve fashion and design problems.
- Use Tech: Learn how to use the newest and coolest technologies in your designs. Get practical tips on using super advanced materials and technology. Dive into the world of Ai, Spatial Computing and Metaverse.
- Look to the Future: Find out what's new and what's coming next in design.
- Develop and test innovative ideas through experimentation.

Learning Outcomes

At the end of the course students will be able to:

- To gain a deep understanding of Future Fashion Design Thinking by blending traditional design with AI concepts.
- To Utilize AI tools in Fashion and Jwellery design, product design, and visual design processes for innovative solutions.
- To Creatively mix traditional and AI elements, producing designs that balance human-centric and AI-driven approaches.
- To Analyze and predict future design and AI trends, adapting strategies to remain at the forefront of innovation.
- To Collaborate in interdisciplinary teams, consider ethical implications, and communicate design concepts clearly through various mediums.
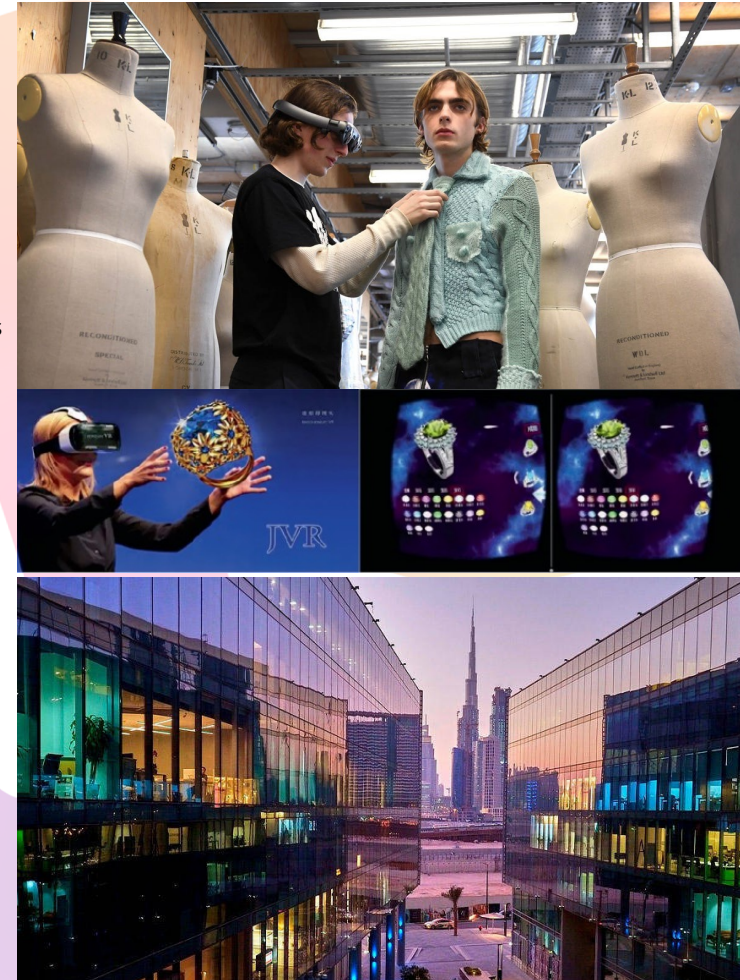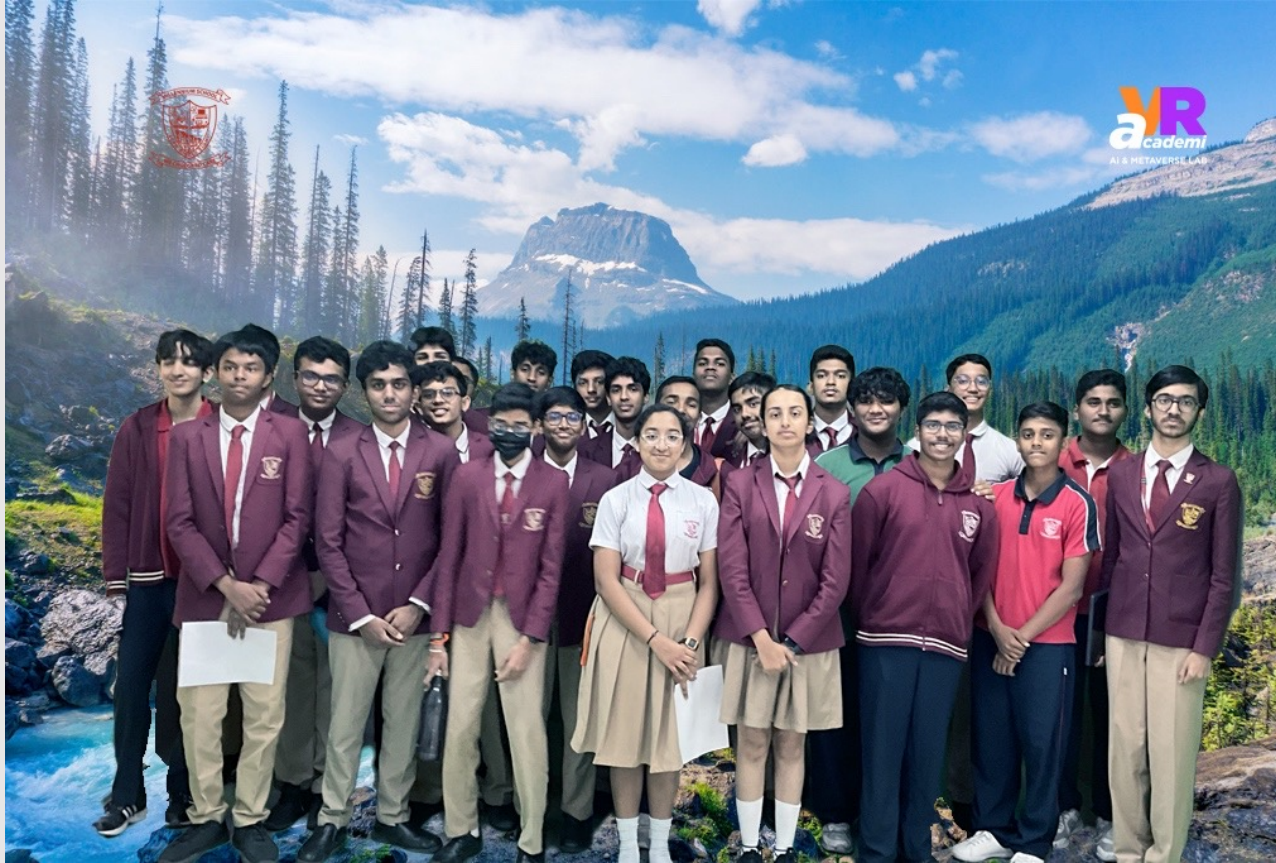
Empowered Minds Shaping tomorrow

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