



## CURRICULUM

### 1 Introduction to GenAI

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Introduction

View GenAI Creatives

Course Overview

*Quick Demonstration*

- Creating Stories from Ideas
- Expanding Stories with AI Tools
- Creating Voice Over with AI Tools
- Creating Images with AI Tools
- Creation Videos with AI Tools

### 2 How AI Works

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History & Evolution of AI

How AI is Created

Example AI Systems

A Brief of on Neural Networks

Role of Data in AI

A Brief on Machine Learning & Deep Learning



### 3 How GenAI Works

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- A Brief of Transformer Neural Networks
- A Brief on Large Language Models
- Multi Modal Models
- How ChatGPT Works
- How MidJourney Works
- How Eleven Labs Works
- How RunwayML Works
- How Suno AI Works



### 4 Prompt Designing & Tuning

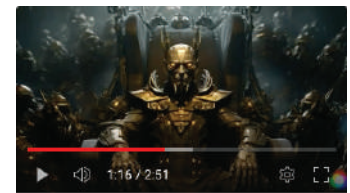
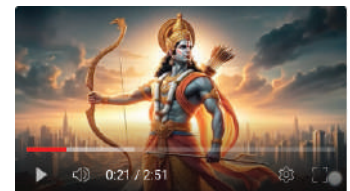
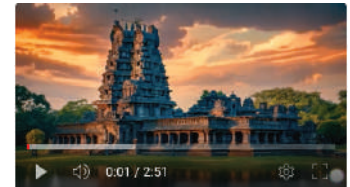
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- What is a Prompt?
- What Happens When You Type a Prompt?
- Prompt Experiments
- How to Prompt with ChatGPT
- How to Prompt with MidJourney

### 5 Creating a Video Story with GenAI Tools

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- The Process
- Idea Generation
- Story Brief Generation
- Full Script Generation
- Audio Generation
- Key Images Generation
- Video Generation
- Video Compilation with Background Score
- Render and Release



GenAI videos created by the kids from the past classes.

### 6 Introduction to Thinking 2.0

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- Thinking 2.0 for Problem Solving
- Computational Thinking
- Design Thinking
- Data & AI Thinking

### 7 Building a GenAI App with Thinking 2.0

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- Generating Ideas for Apps
- Applying Thinking 2.0 for the Selected Idea
- Creating App Requirements Document
- Creating App Solution Diagram

Design UI with Figma  
Acquiring OpenAI API Key  
Introduction to Bubble.io  
Building UI Screens in Bubble.io  
Working with Database  
Building Logic Flows in Bubble.io  
Adding Login Screens  
Test Functionality  
Linking Domain & Deployment

## **8 Responsible Usage of AI**

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Do's and Don't of Using AI Tools

## **9 Building GenAI App with Python**

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Introduction to Python  
Programming with Python - 1  
Programming with Python - 2  
Programming with Python - 3  
Programming with Python - 4  
Building GenAI App with Python - 1  
Building GenAI App with Python - 2  
Building GenAI App with Python - 3  
Building GenAI App with Python - 4  
Building GenAI App with Python - 5  
Building GenAI App with Python - 6