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Al 360 Course Design - Generative Al & Agent Al (Student Edition)

Course Title: GenAI + Agentic AI Essentials for Students - Training + Internship

Duration: 30 Hours (5 Weeks x 6 Hours per Week)

Format: Interactive Online/Offline Sessions + Hands-on Labs + Assignments

Target Audience: Students & Beginners curious about Al

Prerequisites: Basic computer literacy (no coding background required)

Course fee: 7000

Course Overview:

This student-friendly course is designed to introduce learners to the power of Generative AI and Agentic AI in a simple, practical, and engaging way. Over 30 hours, learners will explore how machines create content, learn to talk with AI tools like ChatGPT, and even build mini projects that mimic intelligent behavior.

Week-wise Curriculum

Week 1: Getting Started with Generative Al

- Understand the basics of AI and how it learns
- Explore fun examples of AI-generated content
- Discover where GenAl is used in daily life (YouTube, Netflix, Snapchat filters)
- Use tools like ChatGPT, DALL-E, Bing Image Creator
- Hands-on Lab: Create your first Al-generated short story and artwork
- Group Discussion: "Can AI be creative like humans?"

Week 2: Understanding Large Language Models (LLMs)

• Learn what LLMs are and how they work behind the scenes

- Compare top models like GPT, Gemini, Claude, and LLaMA
- Explore concepts like tokens, embeddings, and context windows (visual explanation)
- Practice writing effective prompts for specific goals
- Hands-on Project: Build your own mini personal assistant using ChatGPT
- Fun Challenge: Prompt Battle (best AI response wins!)

Week 3: Meet the Agents - What is Agentic Al?

- Understand the difference between a chatbot and an autonomous AI agent
- Explore real-life use cases: Booking bots, research agents, learning assistants
- Introduction to LangChain and AutoGPT using no-code visual tools
- Build logic flows using simple decision blocks (like Scratch)
- Hands-on Simulation: Create a digital agent to help manage classroom tasks
- Al Debate: "Should Al agents make decisions for us?"

Week 4: Fun Projects & Use Cases

- Project 1: Resume Reviewer Feed your resume and get suggestions
- Project 2: Quiz Maker Bot Create quiz questions from textbook content
- Project 3: Storybook Generator Combine GenAl text + DALL-E visuals
- Group Project: Build a Virtual Class Monitor Bot (attendance + reminders)
- Peer Review & Feedback Sessions
- Create project posters/presentations to explain your AI solution

Week 5: Deployment & AI Responsibility

- Introduction to cloud computing and AI deployment
- Use platforms like Gradio and Streamlit for easy AI model demos
- Learn about AI ethics: bias, fairness, and responsibility
- Build awareness of safe and respectful Al use
- Showcase Day: Present your final project with feedback panel

Graduation & Certification Ceremony

Mini Projects & Labs

✓ Al Art Card Generator using DALL·E ✓ Resume Reviewer using ChatGPT prompts ✓ Quiz Generator Bot for study help ✓ Storybook Creator for kids using GenAl ✓ Virtual Agent Logic Simulation (no-code)

Tools Used

- Text Generation: ChatGPT, Claude, Gemini (demo)
- Image Generation: DALL·E, Bing Creator
- Prompt Design & Labs: OpenAl Playground, PromptHero
- Agent Flow Simulations: LangChain (visual only), Scratch-like builders
- **Deployment Platforms:** Gradio, Streamlit (project-level)

Outcomes & Certification

- Al 360 Certificate of Completion
- Al 360 internship certificate
- Portfolio with 3+ beginner-friendly GenAl projects
- Digital Badge: "GenAI + Agent AI Explorer"
- Foundation for future AI learning in schools and colleges
- Confidence in Al-driven creativity, automation, and responsible use

Why Students Love This Course

✓ No coding experience required – easy to start for anyone ✓ Projects feel like games – fun, team-based learning ✓ Learn real tools used by professionals – early advantage ✓ Build things you can actually use and share ✓ Earn a certificate and badge that adds value to your college resume

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