



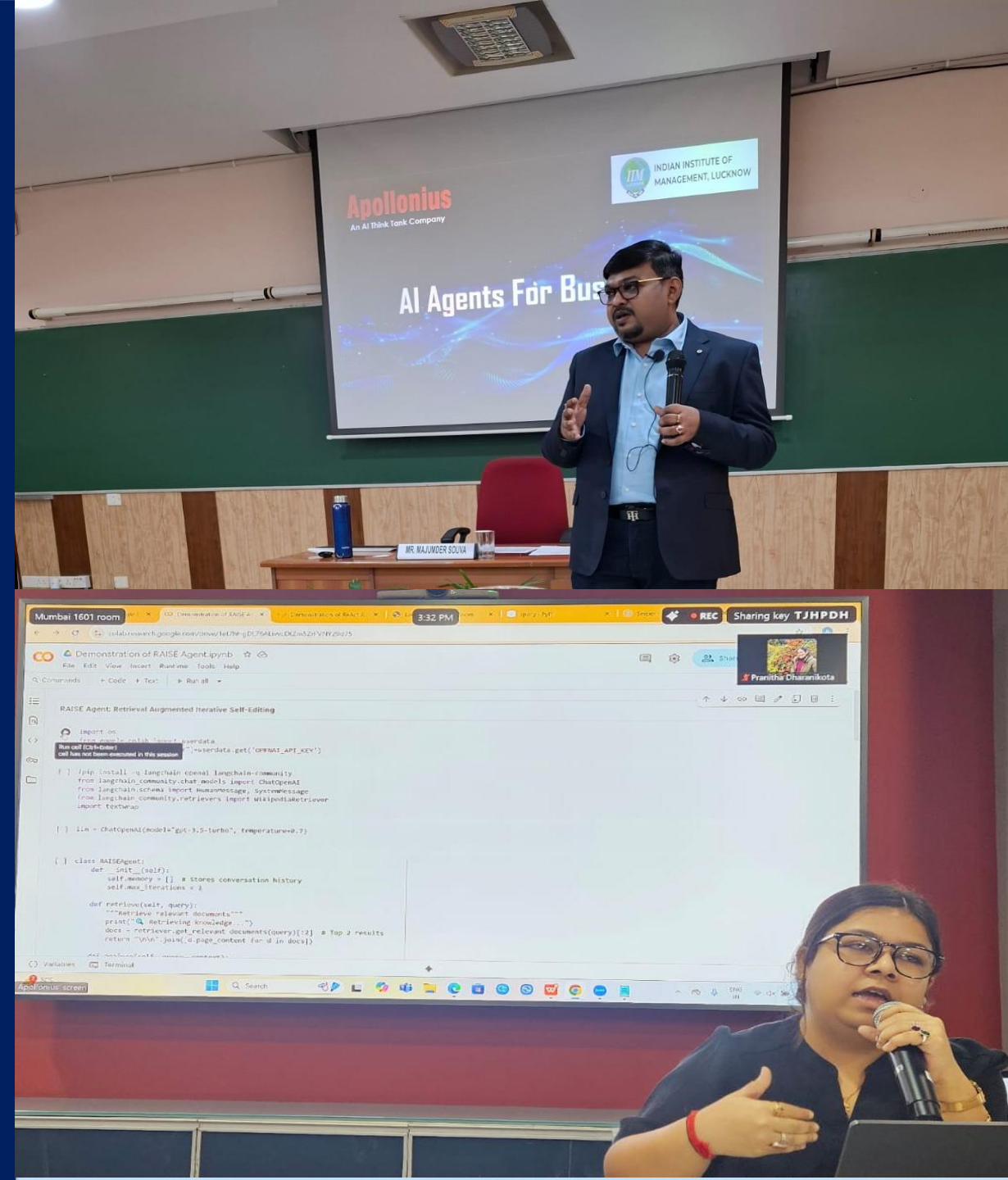
Apollonius
An AI Think Tank Company

Training Module on Agentic AI For Business Leaders

**APOLLONIUS COMPUTATIONAL BUSINESS
SOLUTIONS OPC PVT LTD**

A GENERATIVE AI LAB

Agentic AI for Business Leaders



The image shows a woman with glasses speaking into a microphone. In the background, a laptop screen displays a Jupyter Notebook titled "Demonstration of RAISE Agent.ipynb". The code in the notebook defines a `RAISEAgent` class that uses a `ChatOpenAI` model and a `WikipediaRetriever` to answer questions iteratively. The browser tabs at the top show "Mumbai 1601 room", "Google Scholar", and "3:32 PM".

```

import os
from dotenv import load_dotenv

load_dotenv()

os.environ["OPENAI_API_KEY"] = "sk-..."

from langchain_community.chat_models import ChatOpenAI
from langchain.schema import HumanMessage, SystemMessage
from langchain_community.retrievers import WikipediaRetriever
import textwrap

llm = ChatOpenAI(model="gpt-3.5-turbo", temperature=0.7)

class RAISEAgent:
    def __init__(self):
        self.memory = [] # Stores conversation history
        self.max_iterations = 3

    def retrieve(self, query):
        """Retrieve relevant documents"""
        print(f"Retrieving knowledge: {query}")
        docs = retriever.get_relevant_documents(query)[1:2] # Top 2 results
        return "\n\n".join([d.page_content for d in docs])

    def answer(self, query):
        """Answer the query using the retriever and LLM"""
        # Create a system message
        system_message = SystemMessage(content="You are a helpful assistant that uses a retriever to find relevant information. Answer the question based on the retrieved information. If you cannot find the answer, say 'I don't know'."
        )
        # Create a human message
        human_message = HumanMessage(content=query)
        # Add messages to memory
        self.memory.append(system_message)
        self.memory.append(human_message)
        # Call the LLM
        response = llm.predict(self.memory)
        # Add response to memory
        self.memory.append(response)
        # Return the response
        return response

# Create an instance of the RAISEAgent
agent = RAISEAgent()

# Ask a question
query = "What is the capital of France?"
answer = agent.answer(query)
print(answer)

```

Organizations where we have conducted & Training on Agentic AI for Business Leaders



INDIAN INSTITUTE OF
MANAGEMENT, LUCKNOW



VINOD GUPTA SCHOOL OF
MANAGEMENT, IIT KHARAGPUR



MORNINGSTAR



MDI | Management
Development
Institute
MURSHIDABAD



Course Objective

This course moves beyond traditional Generative AI by introducing Agentic AI—systems that can plan, act, and adapt autonomously.



Learn To Build Enterprise Applications of AI Agents



**HR Assistant
E-Mail Generator**

**Financial
Analysis**

**Marketing
Content
Creation**

**Duration :
12 Hours**

**Case Based
Hands On**

Fees : TBD

**Study Mode :
Tutor Guided**

Why This Programme is Unique ?

**Learn The
Agentic AI
Framework**

**Sessions On
Agentic RAG
Prompting Tech**

**AI Agents
Governance**

**Build Business
Use case Using
AI Agents**

**Session On
MCP &
AgentOps**

Brief Curriculum

Our curriculum covers industry relevant topics

- **Agentic AI for Business Managers**
- **LLM, Vector DB & Agentic RAG**
- **Prompt Engineering : ReAct, Chain of Thoughts**
- **Multi Agent orchestration**
- **Model Context Protocol**
- **AgentOps**
- **AI Agents Governance & Evaluation Techniques**

Hands On Activities using Multi Agents

- **Financial Analyst Team using AI Agent**
- **Marketing Portfolio Design using AI Agent**
- **MCP Demonstration using hotel booking system**
- **Agent As A Judge Demonstration using Marketing Content Generation**
- **Agentic RAG Demonstration**
- **Chain of Thoughts & ReAct Demonstration**
- **Automating Business Analytics Job Using Multi Agentic System**
- **Automating Marketing E-Mail**

Key Take aways

**Industry
Relevant Topics**

**Hands On
Learning**

**AI Skills for future
Managers**



Key take aways

By the end of the course, students will be able to:

- ❑ Understand where to integrate AI Agents in the business Processes**
- ❑ Understand the role of Generative AI & AI agents in driving digital transformation across industries.**
- ❑ Identify business processes that can benefit from agentic automation.**
- ❑ Evaluate the potential impact and risks of deploying AI agents in enterprise settings.**

Aim of the Workshop

- ❑ Provide Business Management students with a foundational understanding of Generative AI & AI agents and their transformative impact on modern business processes.
- ❑ Demonstrate how AI agents drive automation, enhance decision-making, and foster innovation in the context of digital transformation.
- ❑ Bridge the gap between strategic business thinking and the deployment of emerging AI technologies.
- ❑ Emphasize practical implementation using modern agentic tools and frameworks, including hands-on exposure to real-world applications.

Apollonius a **Generative AI Lab**

We leverage on **Generative AI** to build
future Business Managers



Meet Your Programme Faculties



Souva Majumder

Chair of the IEEE SA IC 25 - 003 Committee
MTech (Systems Engineering) IIT Kharagpur
10 years of Experience in Decision Science, Analytics & AI
Technical Expert of Generative AI for Application Development
Director of Apollonius Computational Business Solutions

Anushree Bhattacharjee

PhD Scholar on Gen AI at NIT Rourkela
MTech (AI), MSc Statistics (Gold Medal),
7 years of Experience in AI, NLP & Generative AI
Executive Director of Apollonius Computational Business Solutions



Our Notable Programs On AI Agents

**We Have conducted Programs on AI Agents at
IIM Lucknow, IIM Indore, IIM Visakapatnam,
MorningStar India, Infosys, MDI Murshidabad &
VGSOM, IIT Kharagpur**





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