Certificate in Agentic AI and Software Solutions

PROGRAM STRUCTURE   **Credits Points - 10**

Sr. No	Course Name
1	AI Workflow Development
2	AI in Software Development
3	Agentic AI Frameworks
4	Submission

PROGRAMME CURRICULUM:

1. Course Title: AI Workflow Development

- Custom AI Workflow Creation
- Combine AI tools with APIs for unique business needs.
- AI Optimization & Scaling
- Monitor performance and deploy AI across teams cost-effectively.

2. Course Title: AI in Software Development

- Code generation
- Automated testing
- Project management
- Documentation
- Security Enhancement

3. Course Title: Agentic AI Frameworks

- Agentic AI Fundamentals
- Agentic AI: Architectures and Design Patterns
- Working with LangChain
- Building AI Agents with LangGraph

4. Submission

- Students are required to submit a final submission report at the end of the programme.
- Each student must select a technical or techno-business topic of interest and develop the submission in accordance with the prescribed guidelines.