

Gurukul Educational And Research Institute

SHIKSHA SANKUL, SAHASTRADHARA ROAD, NEARBY IT PARK,
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CHATBOT DEVELOPMENT (Diploma)

Duration: 6 Months

Eligibility: 12th Pass / Basic Computer Knowledge Mode: Theory + Practical+ LiveBotProject

Module 1 – Introduction to Chatbots & AI

- What is a Chatbot?
- Types of Chatbots (Rule-Based & AI-Based)
- Chatbot vs Live Chat
- Uses of Chatbots (Business, Banking, E-commerce)
- Introduction to NLP (Basic Concept)

Module 2 – Chatbot Platforms (No-Code Tools)

- Introduction to Chatbot Builders
- ManyChat
- Chatfuel
- Tidio
- Creating Basic Chatbot
- Welcome Message Setup
- FAQ Bot Creation
- Auto Reply Setup

Practical:

- Create Facebook Messenger Bot
- Create Website Chatbot

Module 3 – WhatsApp Chatbot

- WhatsApp Business Overview
- WhatsApp Automation Concept
- Auto Response Setup
- Menu-Based Chatbot
- Lead Collection Bot

Module 4 – Chatbot Using Python (Basic)

- Introduction to Python
- Basic Programming

- Creating Simple Chatbot in Python
- Keyword-Based Bot
- Rule-Based Chatbot

Module 5 – AI & NLP Integration (Basic)

- What is NLP?
- Intent & Entity Concept
- AI-based Chatbot Idea
- Integration with AI APIs (Concept Level)
- Chatbot for Customer Support

Module 6 – Chatbot Deployment & Business Use

- Integrating Bot with Website
- Chatbot Analytics
- Lead Generation
- Automation for E-commerce
- Client Handling
- Freelancing Opportunities

Project Work

- Create Website Chatbot
- WhatsApp Auto-Reply Bot
- Python-Based Basic Chatbot
- Final Presentation & Viva

Examination Pattern

- Theory – 50 Marks
- Practical – 50 Marks
- Project – 50 Marks
- Viva – 50 Marks

Career Opportunities

- Chatbot Developer (Junior)
- Automation Executive
- AI Support Executive
- WhatsApp Automation Specialist
- Freelance Chatbot Developer
- Digital Marketing
- Automation Expert

