



Online Workshop on **AI Applications in Libraries**

Date: November 30, 2025

Platform: Zoom

Organized by
ADINET

About **ADINET**

ADINET (Advance Information Network of Libraries in Gujarat) is a prominent networking and resource-sharing initiative dedicated to strengthening library services across Gujarat and beyond. As a knowledge facilitator, ADINET works to enhance the professional development of library and information science practitioners through workshops, seminars, and training programs. With a strong focus on innovation and collaboration, ADINET plays a key role in promoting open access, digital transformation, and technology adoption in libraries.

About the **Workshop**

This specially designed online workshop would help participants to explore the transformative role of Artificial Intelligence (AI) in modern library systems and services. Participants will gain insights into the practical applications of AI tools and technologies in cataloguing, user engagement, chatbot creation, digital resource management, and more. The workshop aims to empower librarians, information science professionals, and researchers with cutting-edge knowledge and hands-on strategies to adopt AI in their libraries.

Major Topics

- Introduction to AI in Library Science
- AI-based Cataloguing and Metadata Management
- Smart Recommendation Systems and Discovery Tools
- Chatbots and Virtual Assistants for Library Services
- Case Studies and Emerging Trends in AI for Libraries
- Live Demonstrations and Practical Tools
- Assignment-based Evaluation for Certification
- Library Website Development with No-Code Tool

Target Audience / Who Should Attend?

- ✓ Library and Information Science Professionals
- ✓ LIS Faculty, and Researchers
- ✓ Library Assistants and Technical Staff
- ✓ Students of LIS and Computer Science
- ✓ Knowledge Managers and Information Officers

Learning Outcomes

At the end of the workshop, participants will be able to:

- Understand the fundamentals of Artificial Intelligence and its relevance to library and information science.
- Identify key AI technologies and tools applicable to offer effective and efficient library and information services.
- Explore real-world use cases of AI in libraries, including chatbot, smart search, recommendation systems, and virtual assistance/reference services.
- Evaluate and implement AI-driven solutions to improve library services and user engagement.
- Hands-on exposure to practical tools and applications that support AI-enabled library workflows.
- Collaborate with professionals and experts in the field for future initiatives in AI and digital transformation.
- Complete an assignment-based assessment demonstrating applied knowledge gained during the workshop.

Prerequisites for Attending an AI Workshop for Library Professionals

- To ensure participants gain maximum benefit from the workshop, the participants must be acquainted with the following:
- Access to a Computer with Internet
- Basic Knowledge of Data and Metadata
- Familiarity with Library Practices
- Basic Understanding of Artificial Intelligence (AI)
- Prompting and Prompt Engineering
- Willingness to Participate Actively

Session Schedule	Resource Person	Date & Timing	Topic
Session 1	Mr. Nisarg Vyas, Assistant Professor, St. Xavier's College, Ahmedabad	November 30, 2025 9:30 AM - 11:00 AM	Introduction to AI : History, Background and Recent Development
Session 2	Dr. Bharat Chaudhary, Assistant Librarian, PDEU, Gandhinagar	November 30, 2025 11:00 AM - 12:30 NOON	AI tools: Bolt, Perplexity, Quadratic AI, and Notebook LM.
Session 3	Dr. Sheetal Tank, Dy. Librarian, Indian Institute of Technology, Gandhinagar	November 30, 2025 13:30 AM - 15:00 NOON	RAG-based Chatbot workflow & NotebookLM
Session 4	Mr. Shivam Moradia, Librarian, St. Xavier's College, Ahmedabad	November 30, 2025 15:00 AM - 16:30 NOON	Use of Agentic AI Application in Libraries

Registration

Registration Link:

<https://forms.gle/epJlbvX25S2R5P5V9>

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