



BIYANI
GROUP OF COLLEGES

AI Certification Program

(Integrated with Graduation Degree)

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Program Overview & Objective

Program Title: AI Certification Program (Integrated with Graduation Degree)

Duration: 3 Years (6 Semesters) integrated with Graduation Degree

Courses: All undergraduate courses run under Biyani Group of Colleges

Program Coordinator: Rahul Agarwal, Asso. Prof. (IT Department)

Program Director: Dr. Sanjay Biyani, Director (Biyani Group of Colleges)

Objective of the Program:

At Biyani Group of Colleges, we are committed to preparing students for the AI-driven future by integrating a comprehensive Artificial Intelligence (AI) Certification Program alongside the three-year undergraduate degree. The program is designed to equip every student with a strong foundation in AI concepts, real-world applications, AI-powered productivity tools, prompt engineering, and discipline-specific AI solutions relevant to their field of study. Students also gain essential knowledge of Machine Learning, Deep Learning, and Data Science, enabling them to understand, develop, and apply intelligent technologies effectively. Our objective is to make every Biyanite AI-literate, industry-ready, and capable of leveraging emerging technologies to excel in higher education, entrepreneurship, and professional careers in the rapidly evolving AI era.

Year Wise Course Structure

Year	Semester	Certificate Program Title
I Year	Semester I	Basics of AI & Prompt Engineering
	Semester II	Generative AI and its Tools
II Year	Semester III	Agentic AI
	Semester IV	Department/Field specific AI Tools and Applications
III Year	Semester V	Basics of Machine Learning
	Semester VI	Basic of Data Analytics

Implementation Process

The AI Certification Program at Biyani Group of Colleges will be implemented in a structured and systematic manner to ensure effective learning outcomes and uniform delivery across all departments.

Step 1: Semester Planning

Before the commencement of each semester, the AI Program Coordinator will finalize the semester-wise curriculum, lesson plan, study material, practical activities, assignments and evaluation schedule.

Step 2: Faculty Development Program (FDP)

A comprehensive Faculty Development Program (FDP) will be conducted by AI experts before the beginning of every semester of 4 days (4 hours). The FDP will provide detailed training on:

- Semester-wise AI curriculum and learning outcomes
- Lesson plan and teaching methodology
- Assessment and evaluation process

Attendance in the FDP will be mandatory for all designated class teachers.

Step 3: Faculty Preparation

After attending the FDP, each class teacher will thoroughly prepare the assigned course content, practical exercises and teaching resources. Any academic or technical queries shall be discussed with the AI Program Coordinator before the commencement of classes to ensure uniform understanding and delivery.

Step 4: Expert Orientation Session

At the beginning of each semester, an introductory session will be conducted by an external AI expert. The session will familiarize students with the objectives of the AI Certification Program, emerging AI technologies, career opportunities, and the importance of AI in their respective disciplines.

Step 5: Classroom Delivery

Following the expert session, the class teacher will conduct regular AI classes strictly according to the approved lesson plan and prescribed course content. Practical demonstrations, AI tools, hands-on activities, and real-life applications will be incorporated to enhance students' learning experience.

Step 6: Continuous Monitoring

The AI Program Coordinator will periodically monitor the implementation of the program through faculty interactions, classroom observations, and student feedback to ensure quality and consistency in teaching.

Step 7: Revision and Problem-Solving Session

Upon completion of the semester syllabus, the AI Program Coordinator will conduct a dedicated revision and doubt-clearing session. This session will reinforce key concepts, address students' queries, and provide guidance for the final assessment.

Step 8: Assessment and Evaluation

A comprehensive assessment will be conducted at the end of the semester to evaluate students' understanding of the semester curriculum.

Step 9: Certification

Students who successfully qualify in the assessment by meeting the prescribed performance criteria will be awarded the AI Certification for that semester. Upon successful completion of all semester modules, students will receive the final AI Certification from Biyani Group of Colleges, recognizing their AI literacy and competency for the modern workforce.

Semester I

AI Fundamentals & Prompt Engineering

Duration: 10 Days (10 hours)

Semester I Lesson Plan

S.No.	Topic
1	Expert session on AI and Prompt Engineering
2	Meaning of AI
3	Need and Importance of AI
4	AI Applications
5	Chatbots and AI Assistants
6	Prompt Engineering Basics
7	Prompt Writing Techniques
8	Sample prompts for Daily and Professional Work
9	Revision and problem solving session
10	Evaluation(Test)

Semester I Evaluation Structure

The assessment for the AI Certification Program will be conducted at the end of First semester through the College Learning Management System (LMS). The examination will consist of an online quiz comprising 50 Multiple Choice Questions (MCQs) based on the semester I curriculum.

The examination pattern is as follows:

- Mode of Examination: Online through College LMS
- Question Type: Multiple Choice Questions (MCQs)
- Total Number of Questions: 50
- Marks per Question: 1 Mark
- Maximum Marks: 50
- Passing Criteria: Students must secure a minimum of 25 marks (50%) to qualify.
- Certification: Students who obtain 25 or more marks will be declared Qualified and will be awarded the AI Certification for the semester I.

The online assessment is designed to evaluate students' conceptual understanding, practical knowledge of AI and Prompt engineering skills, and their ability to apply AI concepts covered during the semester.

Semester I Certificate Format

 Accredited by NAAC	 BIYANI GROUP OF COLLEGES JAIPUR, RAJASTHAN, INDIA			
AI Certificate Program				
AI AND PROMPT ENGINEERING				
Certificate				
This is to certify that Mr/ Msof has been Successfully completed 10 days Course on AI and Prompt Engineering in Sem I-2026. We wish him/ her best wishes for future endeavours. Place : Jaipur				
..... Program Coordinator	 Class Teacher	 HOD	 Principal	 Director
Campus 1 : Sector-3, Vidhyadhar Nagar, Jaipur (India) • Campus 2 : Kalwar-Jobner Road, Kalwar, Jaipur (India) • Campus 3 : Champapura, Kalwar Road, Jaipur (India) Tel. : +91-141-2338591-95, 2589951--52 • Fax : +91-141-2338007 • E-mail : acad@biyanicolleges.org • Website : www.biyanicolleges.org				

Semester I Content Booklets

Semester II

Generative AI & Tools

Duration: 10 Days (10 hours)

Semester II Lesson Plan

S.No	Topic
1	Expert session on Generative AI
2	Introduction to Generative AI Tools
3	AI Designing Tools
4	AI Presentation Tools
5	AI Writing Tools
6	Website and Marketing AI
7	Image and Video Generation
8	Research and Education AI
9	Final AI Project
10	Presentation and Evaluation

Sem II Evaluation Structure

AI Tools Competition – Workbook Instructions & Evaluation Process

Project Instructions

All students are required to complete all 30 given AI Tools assignments included in this workbook.

After completing the assignments, students must prepare a PowerPoint Presentation (PPT) containing the output/results of all assignments:-

- ☐ Each assignment output should be presented on one separate slide.
- ☐ The complete PPT should include all 30 assignments.
- ☐ Students must also submit the hard copy of the project workbook/PPT printout for evaluation.

Project Evaluation

- ☐ Each assignment carries 5 marks.
- ☐ Total marks for the complete project: 150 marks.
- ☐ The hard copy of the completed project must be submitted to the respective class teacher for evaluation within the given deadline.

Competition Rounds

Round 1: Class Level Competition

- ☐ Every student will present their PPT containing the output of all 30 assignments in front of their classmates.
- ☐ All participating students will receive a Certificate of Participation.
- ☐ The top 3 performers from each class will be selected for the next round.

Round 2: Department Level Competition

- ☐ Selected top 3 students from each class will participate at the department level.
- ☐ Students will present their AI assignment projects before the evaluation panel.
- ☐ The top 3 students will be awarded trophies.- Selected winners will qualify for the final round.

Round 3: College Level Competition

- ☐ Winners selected from the department level will participate in the college-level final competition.
- ☐ The top 3 students will be awarded attractive cash prizes and recognition for their outstanding performance.

Best wishes to all participants!

Show your creativity, innovation, and practical skills with AI tools.

Semester II Certificate Format

 Accredited by NAAC	 BIYANI GROUP OF COLLEGES JAIPUR, RAJASTHAN, INDIA			
AI Certificate Program				
GENERATIVE AI AND IT'S TOOL				
Certificate				
This is to certify that Mr/ Ms of has been Successfully completed 10 days Course on <i>Generative AI and It's Tool</i> in Sem II-2027. We wish him/ her best wishes for future endeavours. Place : Jaipur				
..... Program Coordinator	 Class Teacher	 HOD	 Principal	 Director
Campus 1 : Sector-3, Vidhyadhar Nagar, Jaipur (India) • Campus 2 : Kalwar-Jobner Road, Kalwar, Jaipur (India) • Campus 3 : Champapura, Kalwar Road, Jaipur (India) Tel. : +91-141-2338591-95, 2589951-52 • Fax : +91-141-2338007 • E-mail : acad@biyanicolleges.org • Website : www.biyanicolleges.org				

Semester II Content Booklets