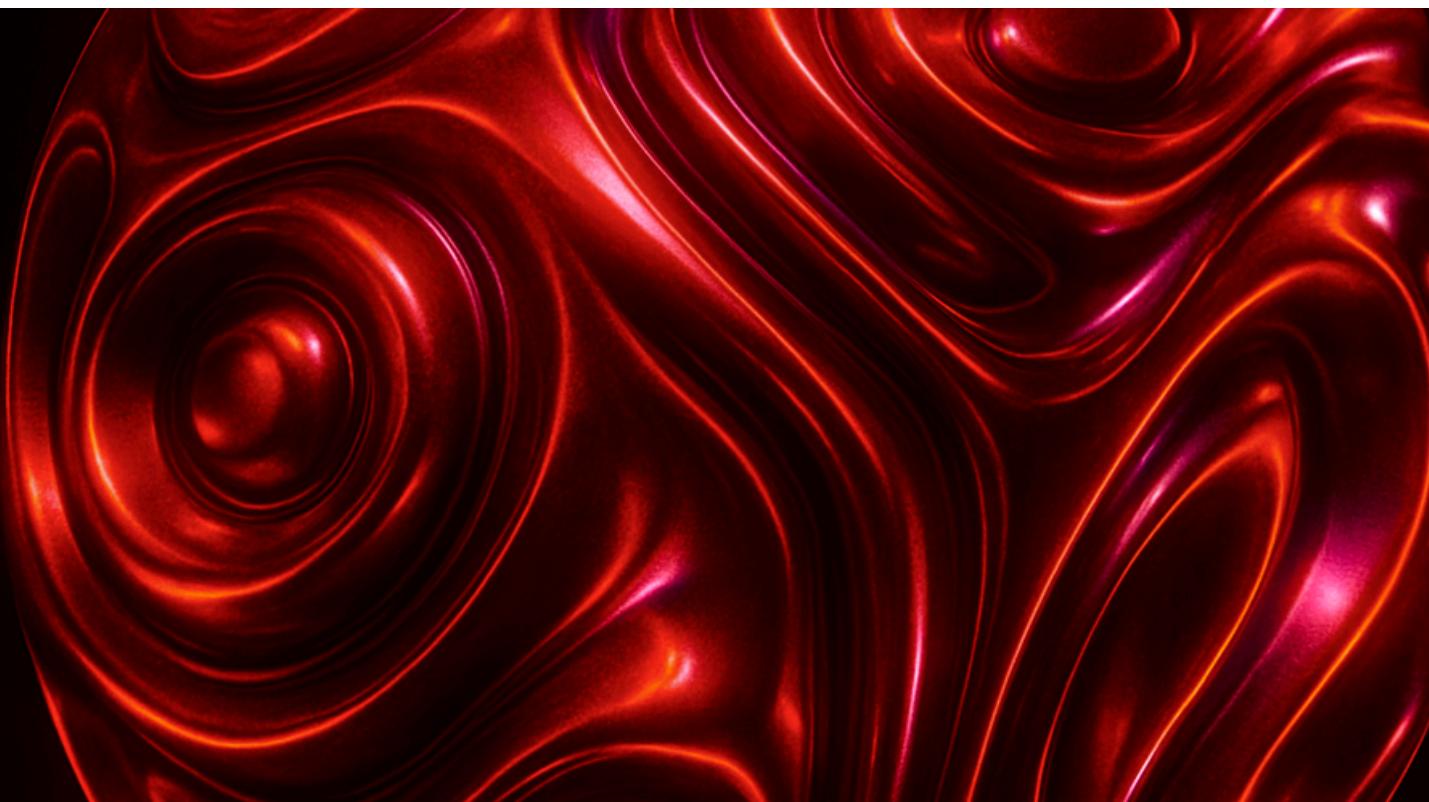


Program Guidebook

Generative AI
For Leaders and Innovators



Presented by
Department of Artificial Intelligence & Data Science
SIN School of AI

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SIN Education and Technologies Pvt. Ltd

At SIN School of AI, a division of SIN Education and Technology Private Limited, we are dedicated to fostering innovation and equipping learners with the skills to thrive in the AI-driven world. Leveraging the expertise and excellence of SIN Technologies, our programs are designed to deliver industry-relevant education in Artificial Intelligence, Prompt Engineering, and cutting-edge technological applications.

As a certified company with ISO 9001:2015 accreditation, recognized by the Egyptian Accreditation Council and the International Accreditation Forum, we uphold the highest standards in quality and excellence. We are proud to be registered under the Startup India Program by the Government of India, a recognized MSME-registered company, and one of PedalStart's Top 25 Startups in Rajasthan.

Established with a vision to revolutionize industries, SIN Technologies is your trusted partner in harnessing the power of AI and technology to unlock new possibilities. Together, let's build the future of innovation.



Er Harshvardhan Purohit
FOUNDER & CEO

Our Certifications & Accreditations



SIN SCHOOL OF AI

The team at SIN School of AI ensures a collaborative and results-oriented approach, empowering students, professionals, and organizations with tailored programs in Artificial Intelligence, Prompt Engineering, and emerging technologies. Together, the management strives to foster innovation, build long-lasting connections, and drive transformative change in the field of AI education and application.

Organization and Management

**Shiv Prakash Bohra**

CFO

**Er Harshvardhan**

CEO & DEVELOPER

**Dr Amit Khare**

SENIOR ADVISOR

**Anchal Purohit**
OPERATIONS AND
EXECUTIONS**Aditya Purohit**
MANAGEMENT
TEAM**Dr Reva Mishra**
SENIOR
ADVISOR

Mission and Vision



Mission

To empower individuals and organizations by delivering innovative AI education and training that enhances skills, fosters creativity, and drives growth through cutting-edge knowledge and tailored learning experiences in Artificial Intelligence and Prompt Engineering.

Vision

To be a global leader in AI education, transforming the future of learning and innovation by equipping individuals and organizations with the skills and knowledge to create sustainable growth and excellence in a rapidly evolving digital world.



Media Coverage & Impact So Far

हर्षवर्धन और राघव अपनी टीम के साथ स्टूडेंट को दे रहे निःशुल्क प्रशिक्षण

स्टूडेंट्स को अंतरिक्ष विज्ञान और एआई में एक्सपर्ट बना रहे शहर के यंगस्टर्स

PROGRAM GUIDEBOOK



US } SUNDAY

जोधपुर, राजस्थान
16 जानवर, 2025

राजस्थान पत्रिका

भवित्व में विजनेस करना होगा आसान, युवाओं को मित्रोंगे बेहतर कंट्रियर ऑप्शन
एआइ से मिल रहे विजनेस ग्रोथ और मार्केटिंग के आइडिया

जोधपुर @ पीकाका जल्ला, एआइ का प्रयोग और उससे ही ऐसे बदलाव होते हैं कि लिंग बेहतर साथियों ही हो रहे हैं। शहर के यात्राओं पर एआइ, नेटवर्किंग, विजनेस ऑप्शन और मार्केटिंग जैसे कोई मुश्किल नहीं पड़ती जब विजनेस करने वाले और एआइ से होने वाले यात्रा और बदलाव को उपयोगी बना रहे हैं। यात्रा ही यात्रा और एआइ ट्रेनिंगों की सीधी के बाहर यात्रा और एआइ ट्रेनिंगों की उपयोगी बना रहे हैं।

बच्चों को सिखाएंगे

बच्चों को सिखाएंगी से कही जान आसान हो गय है। एआइ के बाहर में जानें के बाद जो भी नवीनीयों की सुनिहारी में एआइ से लाभान्वित की जानी चाही तो विजनेस द्वारा ही किया जा सकता है।

आसानी हुई

एआइ के प्रयोग से विजनेस भी करना आसान हो गय है। अब एआइ के बाहर में जानें के बाद जो भी नवीनीयों की सुनिहारी में एआइ से लाभान्वित की जानी चाही तो विजनेस द्वारा ही किया जा सकता है।

संभावनाओं पर चर्चा

जोधपुर की जल्ला के आई-टेक एकाडमी, अवॉर्ड ऑफिसरिंग और मार्केटिंग के बीच हार्ड वर्क की ओर युवाओं ने विजनेस के बाहर में विजनेस एआइ और एआइ ट्रेनिंग में विजनेस करना चाहा।

मार्केटिंग ने बाजार की मीटिंग में एआइ और एआइ ट्रेनिंग के बाहर आपस, नेटवर्किंग के बाहर के यात्रार्थी के दिए गए विजनेस की तुलकाएं भी दी।

एआइ फैटडी

एआइ के प्रयोग से विजनेस भी करना आसान हो गय है। अब एआइ के बाहर में जानें के बाद जो भी नवीनीयों की सुनिहारी में एआइ से लाभान्वित की जानी चाही है। एआइ के प्रयोग से अब नया अपना हार्ड कार्ड यात्रा करने की सुविधा हो गई है।

नीतू प्रोहित

एआइ ट्रेनिंग से कुनूओं के लिए बोरिया आपना बड़े हार्ड कार्ड दिया है। इनके साथ ही एआइ ट्रेनिंग की मार्केटिंग में विजनेस करना भी आसान हो गया है। यहाँ आज ही कोई इस पर ही निर्भर है।

प्रतिभा व्यास



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About Instructor

Er. Harshvardhan Purohit is a pioneering AI visionary and the Founder of SIN Technologies. A **B.Tech Gold Medalist in Artificial Intelligence and Machine Learning from Bikaner Technical University (BTU)**, he was awarded the prestigious honor by the **Governor of Rajasthan** at BTU's 3rd Convocation, standing out among 5,000 students across the state in B.Tech CSE (AI & ML).

He is also a certified AI professional by **Stanford University (Online)** and IBM, combining academic excellence with real-world expertise. With over 25,000 students and professionals trained across diverse industries, Er. Harshvardhan is at the forefront of AI integration in education, branding, and enterprise systems. As the Director of the SIN School of AI, he is spearheading the development of AI-powered scalable models that empower institutions and businesses to embrace the future of intelligent automation and growth.



Course Details

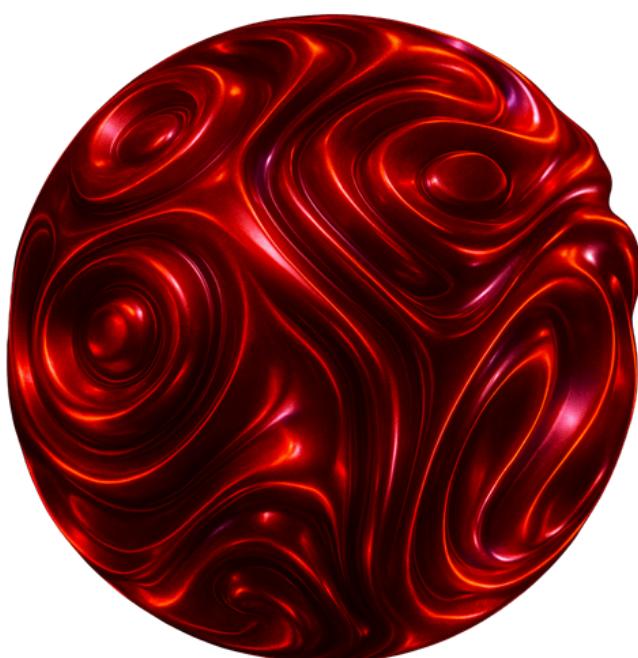
Harness AI to drive vision, strategy, and innovation

Course Description

Welcome to Generative AI for Leaders and Innovators – an intensive, project-driven program designed to equip decision-makers, entrepreneurs, and professionals with the knowledge and tools to harness Generative AI for leadership, strategy, and innovation. This program blends technical foundations, leadership insights, and hands-on applications to help participants unlock the transformative power of AI in driving growth and competitive advantage.

Curated by the SIN School of AI under SIN Education and Technology Pvt. Ltd., this course goes beyond theory by enabling learners to explore Generative AI models, experiment with prompt engineering, engage in AI-powered decision-making, and apply responsible AI practices. Participants will gain direct exposure to leading platforms and tools while working on practical projects and case studies that reflect real-world challenges.

Whether you are a business leader, startup founder, professional, or innovator, this program empowers you to leverage Generative AI for strategic insights, innovation cycles, and responsible adoption, ensuring that you stay ahead in today's AI-driven future.



Course Content

S.No	Module Name	Contents
1	Module 1: Introduction and Capabilities of Generative AI	Introduction to Generative AI, Evolution of AI, Difference Between Generative AI and Discriminative AI, Capabilities of Generative AI, Text Generation, Image Generation, Code Generation, Audio & Video Generation, Real-World Use Cases Across Industries, Economic Potential of Generative AI, Generative AI in the Workplace, Tools Overview (ChatGPT, Gemini, Copilot, DALL-E, Midjourney), Practice Quiz, Discussion Prompt, Graded Quiz.
2	Module 2: Generative AI Models, Platforms and Tools	Generative AI Models, Foundation Models, Large Language Models (LLMs), Multimodal Models, Hugging Face Ecosystem, Hugging Face Spaces, Google AI Studio, Microsoft Copilot, Text Generation Tools, Image Generation Tools, Audio & Video Generation Tools, Code Generation Tools, Generative AI vs Agentic AI, Expert Viewpoints on Industry Adoption, Role-Play Activities, Hands-on Labs for Text/Image/Code Generation, Practice Quizzes, Graded Assessment.
3	Module 3: Building Generative AI-Powered Applications with Python	Python for Generative AI, Generative AI Libraries in Python, Image Captioning with Generative AI (BLIP, Hugging Face Transformers), Gradio for Building AI Interfaces, Flask for AI Web Applications, Building a ChatGPT-like Chatbot using Open-Source LLMs, Integrating Chatbots into Web Applications, Voice Assistant using OpenAI GPT & IBM Watson (Speech-to-Text & Text-to-Speech), AI-Powered Meeting Summarization Application, RAG-based Chatbot for Private Data using LangChain, Translation Assistant using LLM + STT + TTS (Babel Fish Project), Multiple Hands-on Labs, Optional Deployment using Code Engine, Module Projects, Graded Quizzes.
4	Module 4: Generative AI and LLMs – Architecture and Data Preparation	Significance of Generative AI, Transformer Architecture, Generative AI Architectures & Models, Generative AI for NLP, AI Hallucinations and Mitigation Strategies, Overview of Generative AI Libraries and Tools, Tokenization Techniques, Implementing Tokenization in Python, Data Loaders and Data Pipelines, Data Quality and Diversity for Effective LLM Training, Creating NLP Data Loaders, Preparing and Cleaning Data for LLMs, Hands-on Labs for Architecture Exploration & Data Preparation, Practice Quiz, Graded Quiz.

Types of Projects

Minor Project

Upon completing the first three modules of Generative AI for Leaders and Innovators, students will undertake a Minor Project designed to apply their foundational knowledge of Generative AI, Foundational Models, and Prompt Engineering in a real-world context. This project will focus on creating and hosting a Generative AI application on Hugging Face Spaces, where students will build a simple yet functional AI-powered solution (such as a text generator, strategy brief assistant, or innovation idea generator) and deploy it publicly. Learners will refine their models and prompts, integrate user-friendly interfaces, and present their deployed applications with proper documentation and demonstrations.

Major Project

The Major Project serves as the cornerstone of the Generative AI for Leaders and Innovators program, providing participants with the opportunity to consolidate their learning and apply it to a complex, real-world challenge. By moving beyond theory into hands-on execution, learners will design and deploy AI-powered solutions that reflect leadership, innovation, and responsible adoption in practice. This project is not only a demonstration of technical capability but also a showcase of strategic thinking, creativity, and problem-solving skills. Participants will present their outcomes in a structured, professional format—strengthening their ability to communicate ideas effectively and positioning themselves as forward-looking leaders prepared to harness Generative AI for transformative impact.

Module Projects

At the end of each module, students will complete a focused mini-project aligned with the topic, enabling them to apply concepts immediately and build confidence in real-world use cases. These cumulative projects will form the foundation of their professional portfolio and ensure continuous, hands-on learning. For example:

- Module 1: Creating a Generative AI workplace tool (e.g., automated report or meeting summary generator)
- Module 2: Experimenting with foundational models on Hugging Face and documenting their applications
- Module 3: Designing and refining prompts using different prompting techniques (Naïve, Persona, Chain of Thought, Multi-Modal)
- Module 4: Building a simple AI-powered coding or debugging assistant with Cursor AI
- Module 5: Developing a conversational data interface to generate insights from structured/unstructured data
- Module 6: Conducting a case-based study on Responsible AI, highlighting bias, transparency, and privacy safeguards

Features and Benefits

Strong Foundation in Generative AI

Gain a deep understanding of Generative AI fundamentals, foundational models, and prompt engineering, with practical exposure to tools for text, image, code, and data applications.

Master Real-World Leadership Applications

Learn how to apply Generative AI for decision-making, innovation planning, strategy building, and business transformation—directly solving leadership and organizational challenges.

Hands-on Project-Based Learning

Engage in structured mini-projects, minor and major projects, and a capstone showcase, reinforcing knowledge through practical, industry-aligned applications.

Minor and Major Projects

Develop and demonstrate AI-driven solutions that combine strategic insights, creativity, and technical skills, preparing you to lead with confidence in the AI era.

Industry-Relevant Skills

Acquire highly demanded skills in AI strategy, workflow automation, innovation roadmapping, and responsible AI adoption—critical for organizations leveraging AI to grow.

Expert Guidance

Receive mentorship from recognized AI educators and industry leaders, with curated case studies, frameworks, and leadership-inspired exercises.

Networking Opportunities

Collaborate with peers, innovators, and industry professionals to exchange ideas, projects, and solutions, expanding your leadership network in the AI ecosystem.

Certification

Earn a globally recognized certificate from SIN School of AI, validating your expertise in Generative AI for leadership and innovation, and boosting your credentials for career advancement.

Empower Career Growth

Leverage your AI-driven leadership skills to enhance productivity, foster creativity, and strengthen decision-making in personal, professional, and organizational contexts.

Prepare for the Future of Work

Stay ahead with future-ready expertise in Generative AI, equipping yourself to lead responsibly, innovate continuously, and thrive in a rapidly evolving digital world.

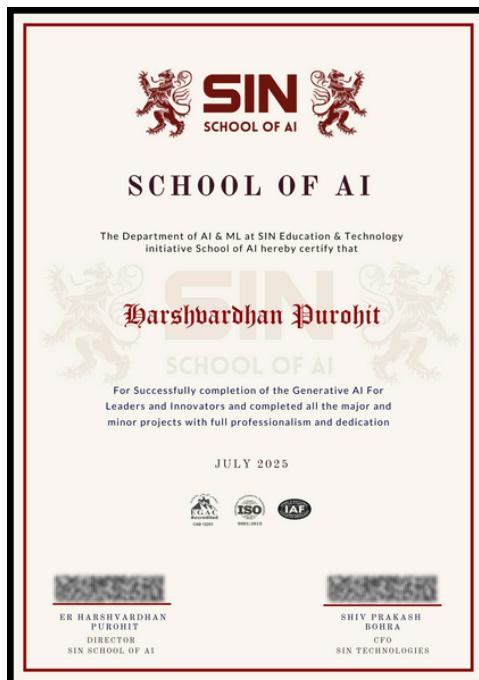
Cost Breakdown

Includes access to all course materials, hands-on learning sessions, minor and major projects, and certification upon completion.

Total Project Cost in INR	
Maximum size	50 students
Cost Matrix	
Course Materials	
LMS Access	
Special Course Materials	4000 per Student
SOAI Community Access + Networking Support	

Course Certification

By the end of this Course you will be Receiving the given below prestigious certificate from Department of AI and DS.



Enrollment Process

After enrolling, students will get LMS Access to Access the Course Content and Modules and SOAI Community.

- After enrolling in the Generative AI For Leaders and Innovators course, students will receive an email from SIN School of AI containing all the essential details.
- The email will include the receipt of your purchase.
- Additionally, all the relevant information to help students during the course will be shared through email and SOAI WhatsApp Community.
- Students will receive access to the Learning Management System (LMS), where they can access course materials, submit assignments, and track their progress.

Terms and Conditions

This section outlines the rules, guidelines, and obligations governing the agreement. It ensures clarity and mutual understanding between all parties involved, providing a framework for compliance and dispute resolution.

Eligibility

This course is open to individuals of higher education of any graduation and post graduation both perusing and completed can opt for this course.

Course Duration

The course is self paced which means students can complete this course according to their pace as it is the self paced course and based on the completion , graded quiz , assignments , certification will be awarded.

Certification

Certification will be provided upon successful completion of the course, including the final project. Students must complete all projects to receive certification.

Refund Policy

Refund requests will only be considered if submitted within 24 hours of course registration. No refunds will be issued after this period.

Project Submission

Students are required to submit both minor and major projects as it will be the part of the course , monitoring student performances throughout the course.

Attendance

Active participation is required for successful course completion. Students are expected to attend all sessions; in case of absence, prior notice must be given.

Intellectual Property

All course materials, including presentations, projects, and assignments, are the intellectual property of SIN School of AI and are for personal use only.

Code of Conduct

Students must maintain a respectful and professional attitude towards instructors and fellow participants. Any disruptive behavior will result in immediate removal from the course without a refund.

Changes to the Course

SIN School of AI reserves the right to modify course content, schedule, and instructors as needed but will be applicable from the next batch for the same.

Liability

SIN School of AI is not responsible for any personal injury, loss, or damage of belongings during the course.

For inquiries, contact us.

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