

Program Guidebook

AI Essentials
Foundations and Prompt Mastery



Presented by
Department of Artificial Intelligence & Data Science SIN School of AI
St. Austin's Ser Sec School (Authorized Innovation Center)

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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



JIET
UNIVERSE



Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
#startupindia



iSTART
RAJASTHAN

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



Prateek Vyas
DEVELOPMENT
TEAM



Aditya Purohit
GRAPHICS
TEAM

Mission and Vision

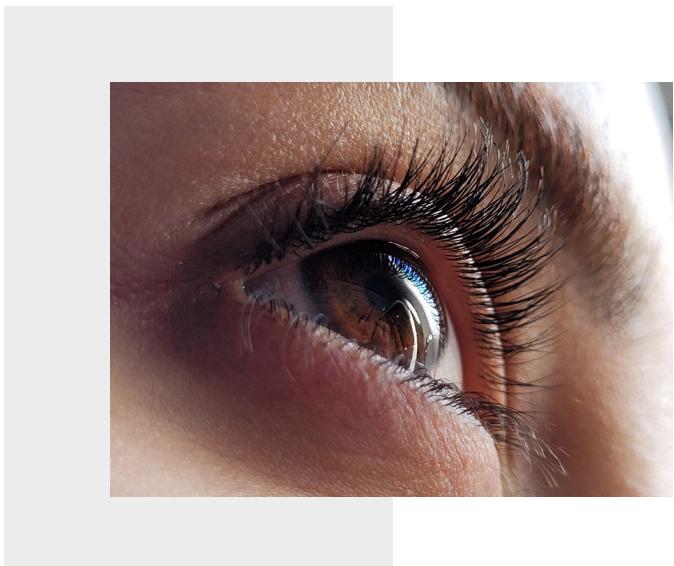


Mission

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

■ एआइ और बिजनेस इनोवेशन मीटअप 9 को

जोधपुर @ पत्रिका. एआइ और बिजनेस इनोवेशन पर 9 मार्च, रविवार को दोपहर 2 से 4 बजे तक आईस्टार्ट नेट में मीटअप का आयोजन किया जा रहा है। बुधवार को मीटअप का पोस्टर विमोचन किया गया। संयोजक हर्षवर्धन ने बताया कि कार्यक्रम में नेविकिंग और स्टार्टअप को सम्बन्धित बनाने के लिए चर्चा की जाएगी। इस मीटअप के माध्यम से नए स्टार्टअप कर रहे



युवा एआइटूल्स और टेक्नोलॉजी डिजिटल मार्किटिंग हैंक्स, बिजनेस ट्रिक्स, फाइनेंस मैनेजमेंट जैसे कई जरूरी बातें सीख सकेंगे मीटअप में प्रवेश निःशुल्क रहेगा

PROGRAM GUIDEBOOK



US } SUNDAY
जोधपुर, रविवार,
16 मार्च, 2025
ग्राजुएशन प्रिंटिंग

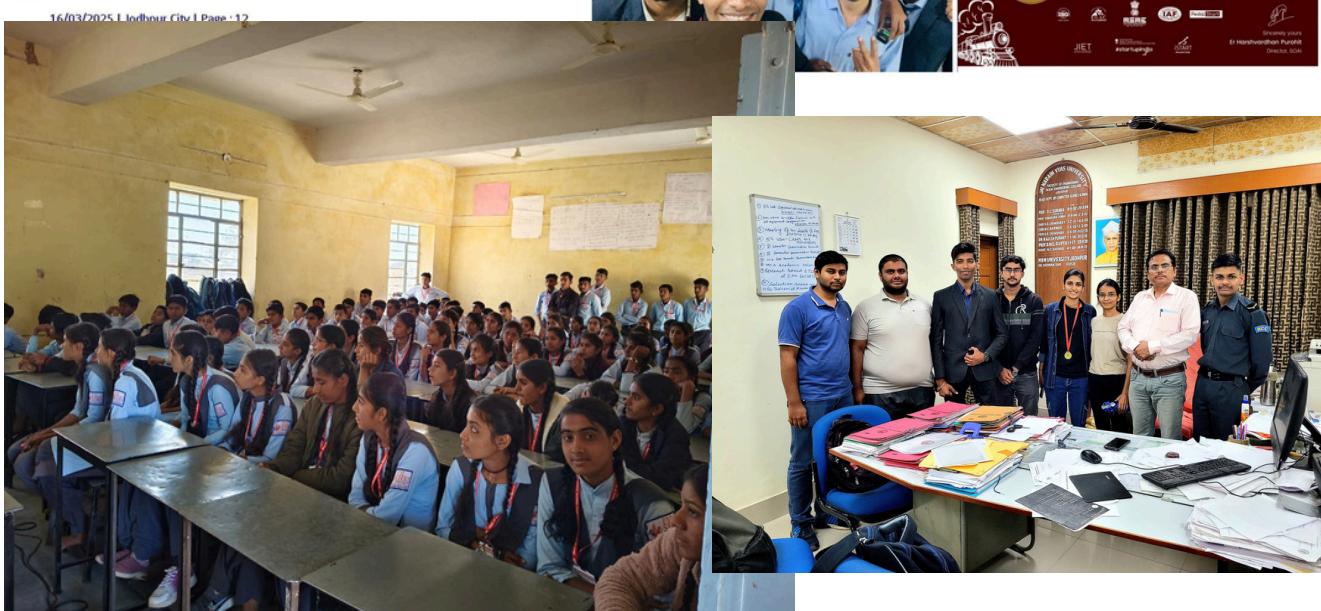
भवित्व में बिजनेस करना होगा आसान, युवाओं को मिलेंगे बेहतर कॉरियर और आशन एआइ से मिल रहे बिजनेस ग्रोथ और मार्केटिंग के आइडिया

संभाल
हल ही शहर के अस्ट्राईनेट,
जोधपुर ऑडिओरियम में भी हुए
मीटिंग में किया गया, एआई और
स्टारउप की संस्थानाओं पर
वर्षा की। ही हर्षवंदन ने बताया
कि यह मीटिंग एकली बार
शहर के गंगरटन के लिए

वनाओं पर चर्चा
योजित किया गया, जिसमें
र करीब 80 युवाओं
लिया।

और विस्तर, स्टॉटअप के लिए मार्केटिंग के नए ट्रिक्टोन, फार्मासी का महत्व और सही वित्तीय राजनीतिकी व योजना की उपयोगीता जैसे विभिन्न पैकेट युवाओं ने समझ और राची है।

A photograph of two young men in dark blue suits standing behind a table. They are smiling and looking towards the camera. On the table in front of them are two laptops. To their left is a vertical banner with a blue and white design. To their right is a large red banner for 'SIN School of AI'. The red banner features the school's logo, a lion, and the text 'SIN School of AI', 'EXPLORATION 2025', and 'RECOGNIZED BY' followed by logos for JET, Intergraph, and LAF. The background is a plain white wall.



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.



About St Austin's Sen Sec School

Founded in 1987, St. Austin's Sen. Sec. School, Jodhpur has built a strong reputation as one of the region's leading educational institutions, known for its dedication to academic excellence, discipline, and holistic student development. Situated in the **Shri Ram Nagar, Behind RTO Office, Jodhpur(Raj)**, the school has consistently nurtured young minds to excel in academics, sports, and co-curricular activities.

In a landmark step toward future-ready education, St. Austin's Sr. Sec. School has been officially recognized as a Registered SIN Innovation Center under the SIN School of AI, powered by SIN Education and Technology Private Limited (SIN Technologies). This partnership brings world-class Artificial Intelligence and next-generation technology education directly to the school's students, enabling them to master the skills of tomorrow.



Course Details

Master the art of AI and Prompt Engineering to unlock innovation and drive impactful solutions

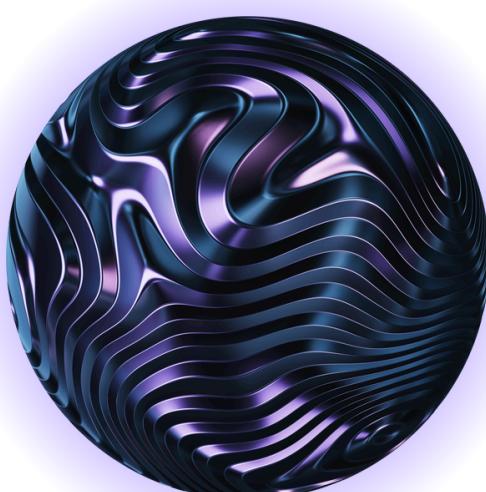
Course Description

Welcome to **AI Essentials Foundations and Prompt Mastery** — a comprehensive, hands-on course designed to build your foundational understanding of Artificial Intelligence while unlocking the true power of Prompt Engineering. Curated by the SIN Department of AI & ML, this course bridges the gap between AI theory and real-world application through strategic prompt design.

Whether you are a student, educator, professional, or enthusiast, this course empowers you with industry-relevant AI knowledge and prompt engineering mastery essential for today's AI-driven world.

What You'll Learn:

- Core concepts and evolution of AI
- Foundations of AI technologies and tools
- Effective prompt design and engineering patterns
- Few-shot and advanced prompting techniques
- Professional presentation and LinkedIn profile building
- Real-world application of AI with prompt engineering
- Graded quizzes, assignments, and impactful projects



Course Content

S.No	Module Name	Contents
1	Module 0: Introduction	Introduction to AI Essentials Foundations and Prompt Mastery , HARGHAR AI , Meet your Instructor , Course Content Overview , Things to keep in Mind while perusing the course.
2	Module 1: Fundamentals of Artificial Intelligence	AI Essentials and Introduction to Prompt Engineering - Prompt Gallery , Setting up an account using ChatGPT , Understanding LLM Models , Understanding the Unpredictability of Large Language Models , Creating Your First Prompts , LinkedIn Hacks that 99% People Don't Know , Getting Started with LinkedIn , Project 1 : Create Marketing Campaign for Your Own Product , Submit your Marketing Campaign Project , Graded Quiz.
3	Module 2: Introduction to Prompt Engineering & Patterns	Prompt Engineering and Prompt Patterns - I - - What is Prompt ? , Roots of Prompt , Understanding Prompt Patterns in Large Language Models , Persona Patterns , Format of Persona Pattern, Explore more Prompt Patterns , Apply Persona Pattern , Introduction of New Information to LLMs , Limitations of Prompt Size , Prompt are not just Conversation they behave as Tools , Root Prompts , Graded Quiz.
4	Module 3: Prompt Patterns and Techniques - II	Prompt Engineering and Patterns - II - The Question Refinement Pattern (QRP) , Question Refinement Pattern – Format & Usage Guide , Cognitive Verifier Pattern , Cognitive Verifier Pattern – Format & Usage Guide , Audience Persona Pattern , Audience Persona Pattern – Format & Usage Guide , Flipped Interaction Pattern , Graded Assignment , Graded Quiz.

Course Content

S.No	Module Name	Contents
5	Special Module on Presentation Skills	Power of Presentation Skills that 99% People Don't Know.
6	Module 4: Few Shot Prompting Technique	How Few Shot Prompting Technique Works ? - Few-Shot Prompting in Large Language Models (LLMs) , Few-Shot Prompting in Action , Few-Shot Prompting with Intermediate Steps , Writing Effective Few-Shot Examples , Graded Quiz.
3	Module 5: Advance Prompting Techniques	Chain of Thought and React Prompting Techniques - Chain of Thought Prompting , Learn More About Chain of Thought Prompting , ReAct Prompting Technique , Learn More About ReAct Prompting . Advance Prompting Techniques - I - Self-Evaluation with LLMs , Applying Few-Shot Examples Concepts , Game Play Pattern , Game Play Pattern – Format , Temple Prompting Technique , Template Pattern – Format . How Code Pen Works ? , How Netlify & Tiiny Hosting works ? , Web Development using Advance Prompt Engineering , Game Development with Advance Prompt Engineering . Advance Prompt Engineering Techniques Part 2 - Meta-Language Creation Pattern , Meta Language Creation Pattern – Format , Recipe Pattern , Recipe Pattern – Format , Alternative Approaches Pattern , Alternative Approaches Pattern – Format , Applying Advanced Prompting Techniques , Graded Quiz.
4	Module 6: Advance Prompting Techniques - II	Advance Prompt Engineering - II - The Ask for Input Pattern , Ask for Input Pattern - Format Guide , Combining Prompt Patterns , Outline Expansion Pattern , Outline Expansions Pattern - Format Guide , Menu Action Pattern , Menu Actions Patterns - Format Guide , Fact Checklist Pattern - Format Guide , Semantic Filter Pattern , Semantic Filter Pattern - Format Guide , Graded Quiz
5	Extending Possibilities of Prompt Engineering	The Conclusion : Extending Possibilities of Prompt Engineering , Final Graded Quiz.

Types of Projects

Minor Project

Upon successful completion of the first three modules and the Presentation Skills training, students will undertake a Minor Project. This project will focus on utilizing their knowledge of Presentation Skills and Prompt Engineering to effectively convey ideas and develop a formal, case study-based presentation. The objective is to enhance their problem-solving abilities through structured communication and analytical thinking.

Major Project

After completing the sixth module, students will engage in a Major Project involving two key components. The first component will be aligned with their skills in problem solving, game development, web development, and prompt engineering, acquired throughout the course. The second component will challenge them to apply these skills in a more complex and integrated project, simulating real-world application.

Module Projects

At the end of each module, students will be required to complete a project that incorporates real-world case studies. These projects aim to provide practical exposure and simulate industry-level experiences, thereby boosting students' confidence, innovation, and problem-solving capabilities. Sample projects include interactive games, industry-standard websites, and professional presentations. Through these activities, students will also gain hands-on experience in integrating no-code development tools with prompt engineering techniques.

Industry Expert Sessions

As part of the curriculum's experiential learning component, students will engage in **two exclusive industry interaction sessions** aimed at offering practical exposure and insights into real-world professional environments. These sessions are designed to bridge the gap between academic learning and industry expectations, enabling students to better understand evolving trends, workplace dynamics, and potential career paths. Additionally, a specially curated module titled "**Power of Presentation: What 99% People Don't Know**" will empower students to master the nuances of delivering compelling and professional presentations that stand out in both academic and corporate settings. Complementing this, the "**LinkedIn Mastery: Industry Secrets 99% Don't Know**" module will provide students with advanced strategies to build a strong professional presence, optimize their digital profile, and enhance networking capabilities. Collectively, these elements aim to refine students' communication skills, professional identity, and industry readiness.

Features and Benefits

Solid Foundation in AI

Gain a deep understanding of core AI concepts and applications, including natural language processing, machine learning, and deep learning.

Master Prompt Engineering

Learn the art of crafting effective prompts to optimize AI tools and enhance your ability to solve complex problems.

Hands-on Learning

Participate in practical, real-world applications with interactive sessions and project work to reinforce your skills.

Minor and Major Projects

Apply your knowledge through both minor and major projects, showcasing your ability to handle real-world scenarios.

Industry-Relevant Skills

Acquire skills that are highly sought after in industries leveraging AI to innovate and solve problems.

Expert Guidance

Receive instruction from experienced professionals with expertise in AI and prompt engineering.

Networking Opportunities

Connect with like-minded individuals and professionals in the field of AI and technology.

Certification

Earn a certificate recognizing your newly acquired skills and boosting your credentials for career advancement.

Empower Career Growth

Enhance your ability to drive innovation and efficiency in business or your personal AI projects.

Prepare for Future Technologies

Stay ahead of the curve with a comprehensive understanding of cutting-edge AI tools and applications.

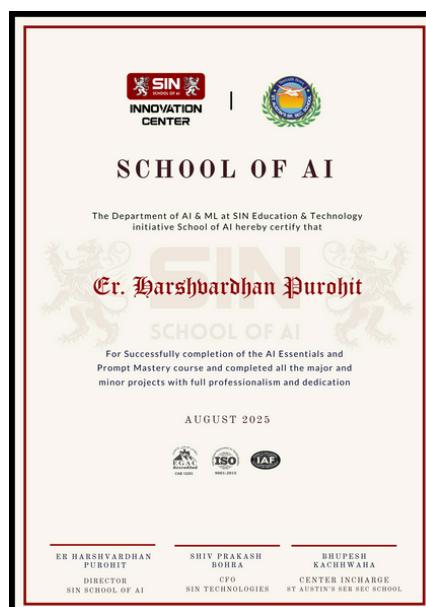
Cost Breakdown

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

Total Project Cost in INR	
Cost per Student	4999 Rs per Student
Cost Breakdown	
Course Materials + Center Charges	
LMS Access	
Special Course Materials	4999 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 of SIN School of AI and St. Austin's Ser Sec School



Enrollment Process

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

- After enrolling in the AI Essentials: Foundations and Prompt Mastery course, students will receive an email from SIN School of AI containing all the essential details.
- Additionally, all the relevant information to help students during the course will be shared through email and SOAI Austin's 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 St. Austin's School and other Schools Student as well.

Course Duration

The course duration is 45 days and will have assessments and learning rounds to create an interactive learning experience .

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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