



Shakti AI Lab

Agenda

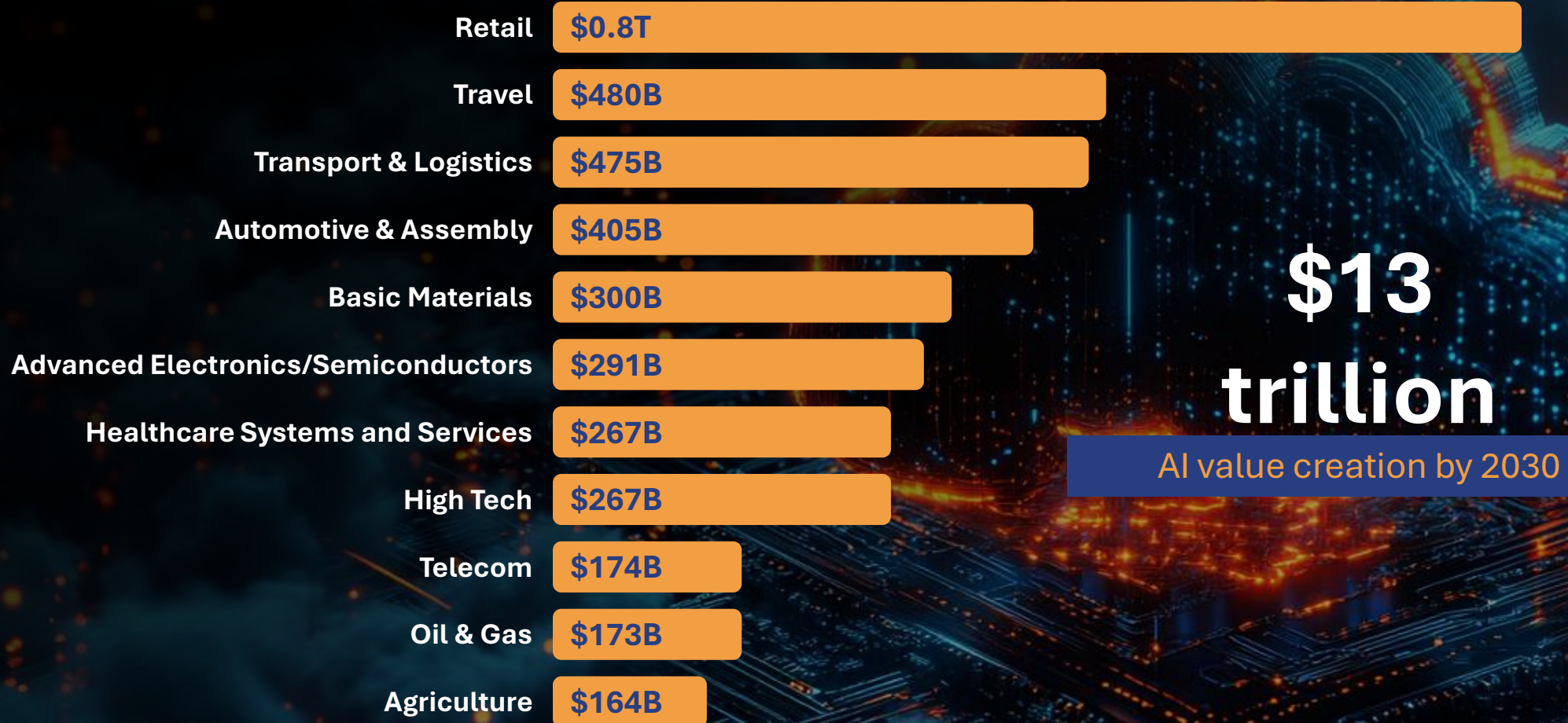
Introduction

**Traditional AI labs-
Overview &
Shortcomings**

Shakti AI Lab

**Product workflow
& user journey**

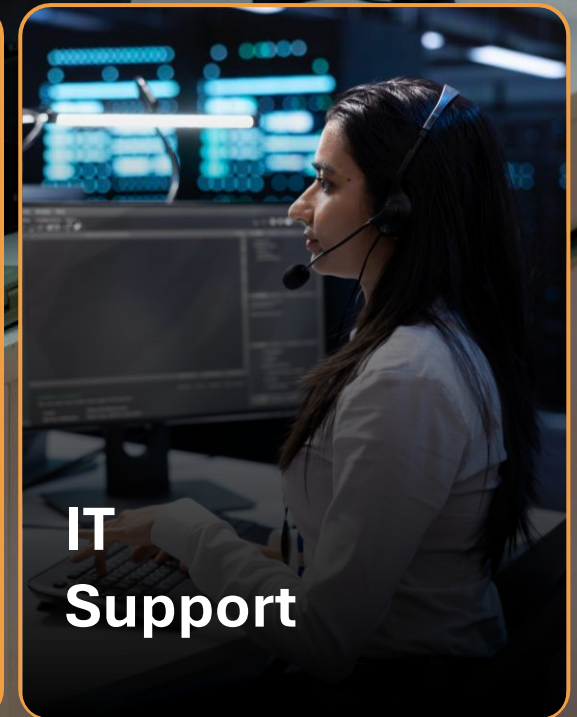
AI is all around, and will create over \$13 trillion value across industries by 2030



What is a Traditional Lab?

A traditional on-premises AI lab is a physical facility designed to support AI education and research

A Typical On-Premises AI Lab Consist Of ?



Traditional AI Labs are great! BUT ...



High Cost

- **Initial investment:** Substantial upfront costs for hardware
- **Rapid obsolescence:** GPUs become outdated every 3-4 years
- **Ongoing maintenance:** Continuous financial commitment for updates and upkeep.



Limited Scalability

- **Demand fluctuations:** Difficult to scale resources to match varying project needs.



Resource Utilization

- **Manual allocation:** Inefficient, leading to scheduling conflicts and wasted power.
- Almost impossible to track GPU utilization over time
- **Low-scale inefficiency:** Hard to maximize Nvidia GPU performance with smaller setups.



Technical Expertise

- **Specialized staff:** Demands skilled IT professionals with specialized AI knowledge.
- **Continuous training:** Time-consuming to keep staff and users updated on latest technologies.



Infrastructure Limitations

- **Physical constraints:** Machine count limited by space & power
- **Space, power, cooling:** AI hardware requires significant resources, challenging in older buildings.
- **Network bottlenecks:** Limited network capacity hinders distributed AI workloads.



Shakti AI Lab

Can address these key challenges



Shakti AI Lab

Envisioning a world where every student, regardless of their institution's resources, can access the same cutting-edge AI tools as those at top-tier universities. Shakti AI Lab turns this vision into reality by democratizing access to advanced AI resources, leveling the playing field, and empowering innovation across diverse educational institutions

Key Features – Lab Admins

Lab Admins

Fractional GPU

Access sliced Nvidia GPUs (8/16/48 GB L40S or H100), paying only for the required resources



Role-Based Access

Streamline resource management with role-based controls for secure access across learners



User-Friendly Interface

Simplify workstation management with a no-code interface tailored for non-technical admins



Open-source models

API end points of open-source models and Pre-configured environments to fine-tune open-source models



Unlimited Users, Limited Concurrency

Onboard unlimited users without seat limits. Control costs with concurrency caps



24x7 Support

Ensure seamless lab operations with round-the-clock support to minimize disruptions



Rapid GPU Provisioning

Deploy AI lab workstations within a few seconds, eliminating long setup times and admin dependencies



Real-Time Monitoring

Track resource utilization and learner performance through an integrated dashboard



Key Features – Learners



Seamless Queue-based Access

Stay productive with automatic notifications when a workstation becomes available, minimizing downtime and waiting hassles



AI Courses & Certifications

Industry-aligned AI training with courses and certifications from industry leaders such as Nvidia



Global Access

Access your AI lab anytime, anywhere for maximum flexibility



Pre-Configured Tools & Libraries

Start immediately with pre-configured environments containing Jupyter, MLFlow, W&B, and more—no setup required



Collaborative Learning

Foster collaboration within shared environments for more effective group projects



Pre-Loaded Datasets

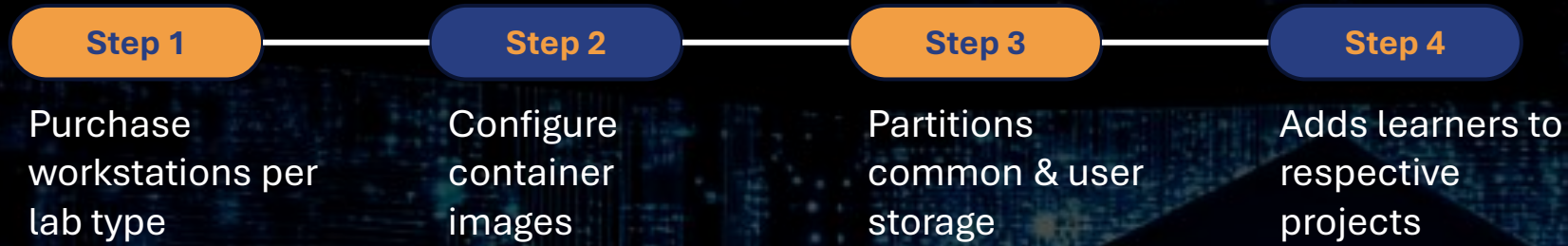
Begin training instantly with ready-to-use datasets from diverse data sources, cutting down on preparation time



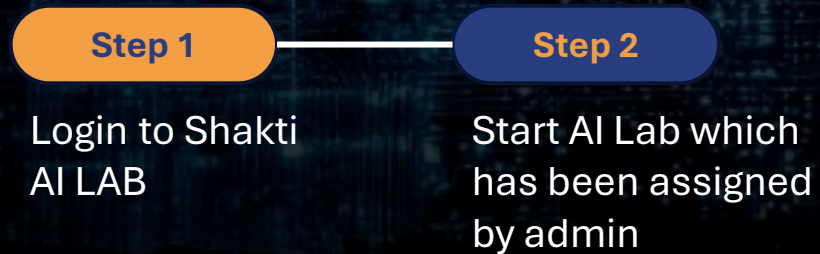
Product Flow Overview

User Flow

UNIVERSITY ADMIN



LEARNERS





Bundles

Workstation Type

AI Starter Labs



GenAI Foundations

- 8 GB L40s GPU Memory
- 10 GB Storage



GenAI Pro

- 16 GB L40s GPU Memory
- 10 GB Storage



GenAI Advanced

- 40 GB H100 GPU Memory
- 10 GB Storage

AI Power Labs



GenAI Elite Solo

- 80 GB H100 GPU Memory
- 50 GB Storage



GenAI Elite Duo

- 160 GB H100 GPU Memory
- 50 GB Storage



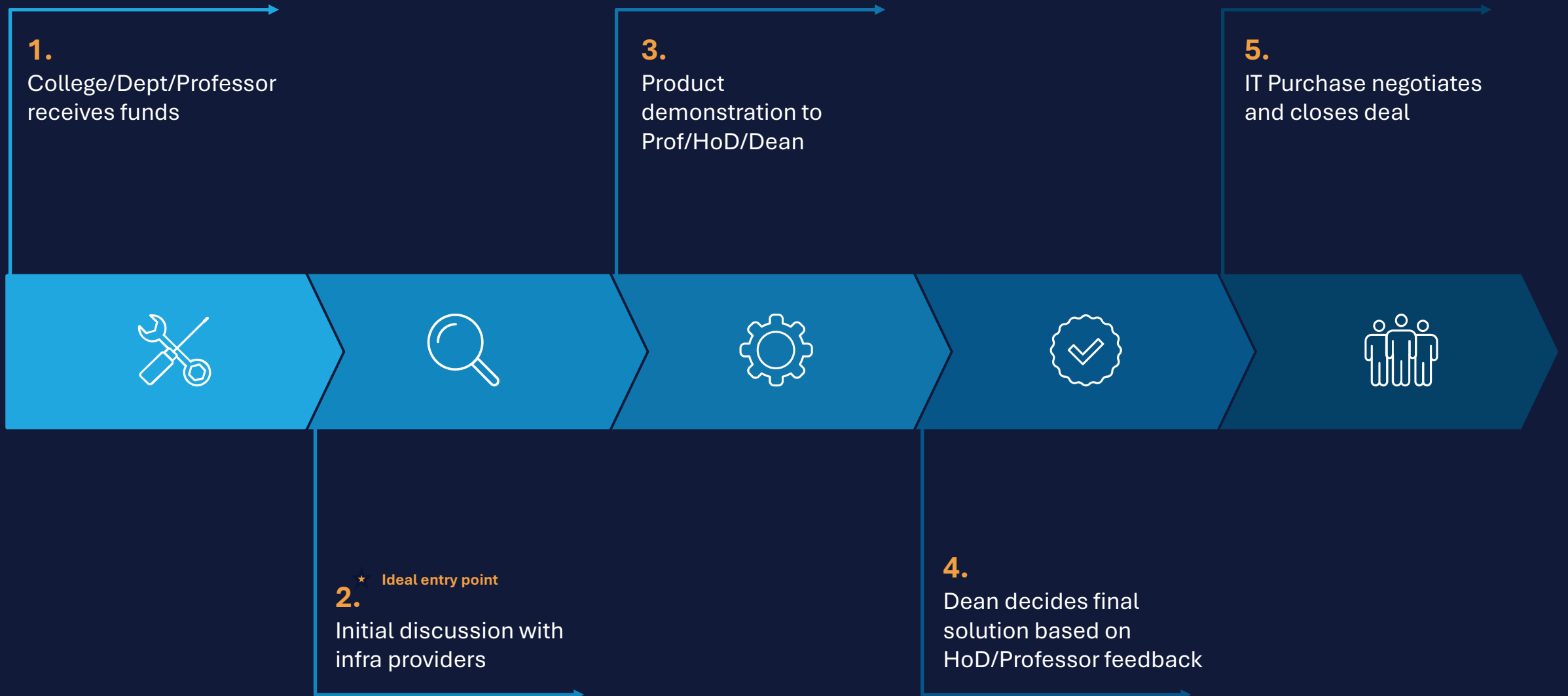
GenAI Elite Apex

- 320 GB H100 GPU Memory
- 50 GB Storage



Buying Cycle

Funds Pre-decided



Funds yet to allocate





Sales Pitches

Tier – I College

Powering Cutting-Edge AI Research and Education

At institutions like yours, where the focus is not just on teaching but also on pioneering research, having the right AI infrastructure is critical. Shakti AI Lab enables you to deliver advanced AI education while supporting innovative research, all on a Make-in-India cloud platform.

Here's how Shakti AI Lab aligns with your goals:

- **Tailored GPU Access:** Provide fractional GPU access for learners and allocate multiple H100 GPUs for researchers, meeting diverse user requirements seamlessly.
- **Empower Research Excellence:** With our platform, your faculty and students can work on advanced research projects using cutting-edge Nvidia GPUs, making your institution a hub for innovation.
- **Showcase Industry Leadership:** Establish your institution as an AI leader by leveraging our state-of-the-art infrastructure, inspiring students, and gaining recognition in the academic and industry communities.
- **Admin-Controlled Flexibility:** Easily create and manage container images, enabling end users to quickly launch pre-configured environments.
- **Affordable, Scalable, and Efficient:** Pay only for the GPU resources you need while ensuring a predictable cost structure, making it easy to scale for both education and research needs.
- **Zero Maintenance, Full Innovation:** Focus on advancing research and teaching while we handle the infrastructure with our fully managed, cloud-based solution.

Join us to redefine what's possible in AI education and research. Schedule a free demo today to see how Shakti AI Lab can elevate your institution's capabilities and leadership in the AI space.

Tier – II College

Take Your AI Education Infrastructure to the Next Level

Professors and administrators at forward-thinking institutions like yours understand the importance of staying ahead in the AI revolution. Drawing inspiration from the AI labs at top-tier institutions like IITs, colleges across the country are building state-of-the-art facilities to attract top students and prepare them for high-impact careers.

Shakti AI Lab is your trusted partner in this journey.

- **Access World-Class GPU Infrastructure:** Enable your students to work on Nvidia's latest GPUs, including the H100, empowering them with the same tools used by leading institutions.
- **Enhance Your Institution's Reputation:** A modern AI lab demonstrates your commitment to providing a cutting-edge education, helping your college stand out in rankings and appeal to high-achieving students.
- **Prepare Students for Top-Tier Careers:** Equip your graduates with hands-on AI expertise to secure placements at leading companies, showcasing the strength of your programs to recruiters.
- **Simplify Lab Management:** Our reusable container images, managed by admins, streamline lab operations, allowing for seamless integration with your curriculum. Professors can customize AI environments quickly and effortlessly.
- **Affordable and Scalable:** Starting at just ₹2213 per student annually, our pricing ensures that you can implement an AI lab within your budget while paying only for the resources you need.
- **Zero Maintenance, Full Focus:** Shakti AI Lab's fully managed platform eliminates infrastructure challenges, so you can focus on teaching and innovation.

Let us help your institution set a benchmark in AI education. Schedule a free demo today to see how Shakti AI Lab can support your vision for a brighter, AI-driven future

Tier – III College

Empower Your Institution with Affordable and Future-Ready AI Labs

AI education is rapidly transforming the landscape of higher education, but we understand the unique challenges faced by you: limited budgets, lack of technical staff, and the need to stand out in an increasingly competitive environment.

Shakti AI Lab is here to help.

- **Low-Cost GPU Access:** Offer students cutting-edge AI resources at a fraction of the cost. With annual pricing as low as ₹2213 per student, your institution can attract more admissions by showcasing access to Nvidia's latest GPUs, including the H100.
- **No Technical Dependency:** Our fully managed, cloud-based platform eliminates the need for technical staff. Teaching Assistants can set up personalized AI development environments in seconds, saving on operational costs.
- **Flexible Investment:** Purchase workstations as per your budget, avoiding the burden of huge upfront investments. Pay only for the GPU resources you need—whether for specific lab hours, weekends, or unlimited usage.
- **Focus on Education, Not Maintenance:** With enterprise-grade support and zero infrastructure hassles, your faculty can concentrate on delivering impactful AI education.

Transform your AI education offerings today. Schedule a free demo to see how Shakti AI Lab can help your college stand out and prepare students for an AI-driven future.

AI Lab: The S.T.A.R for U





Thank You