



VIMANA MUSEUM / PSSM COLLEGE

Designs & Attribution

17 named contributors · images, categories and historical context

Created by SIN School of AI and AMC Rangers

Parmanand Sharma Smriti Mahavidyalaya

Chairman: Dr Vinod Purohit Sir | Commanding Officer: Er Harshvardhan Purohit

Project Officer: Dr. Bhagwat Singh Shishodia

CURATORIAL CONTEXT

The inspiration and its limits

A source-based interpretation for an educational design exhibition.

Indian itihāsa and Purana references

The Ramayana, Yuddha Kanda 123 describes Pushpaka on Rama's return to Ayodhya. Mahabharata 3.15.2 names Saubha, and the Bhagavata Purana 10.76.22 describes it moving across land, sky and water. These are distinct named textual accounts.

The surviving manuscript

The 1974 Indian Institute of Science study dates the surviving Vaimānika Śāstra to 1900–1922. A Hindi edition appeared in 1959. The study concludes its aircraft descriptions are aeronautically unsound.

Four named Kritaka designs

The study discusses Shakuna, Sundara, Rukma and Tripura under the kritaka group. Student mappings here are labelled inspired or hybrid. Pushpak and modern eVTOL work sit outside those four types.

Proposed uses and materials

Each design record now identifies a possible present-day purpose and candidate materials. These are curatorial engineering prompts, not calculations, validated specifications or evidence of airworthiness.

Generative AI and CRAFT

This project uses prompt engineering through Context, Role, Action, Format and Tone to guide visual concepts, explanations and browser interactions. Human review is required for attribution, history and factual claims.

Source and scope

The archive contains 16 named student folders and one root image visibly credited to Arnav Rajpurohit. The standalone Air_game folder has no confirmed personal attribution.

TEXTUAL AND TECHNICAL SOURCES

Valmiki Ramayana, Yuddha Kanda 123; Mahabharata 3.15.2; Bhagavata Purana 10.76.22; Mukunda et al., IISc critical study (1974); NASA aerospace materials background. Direct links appear in the museum.

INDIAN ITIHĀSA AND PURANA

Three aerial accounts

Source passages, AI-generated curatorial images and clearly labelled student comparisons.



Pushpaka

RAMAYANA · YUDDHA KANDA 123

Rama and Sita travel toward Ayodhya in the aerial car. The source names Pushpaka.

Student mapping: Dushyant Vyas and Niharika Sewani use the Pushpaka name for different modern student concepts.

[OPEN TEXTUAL SOURCE](#)



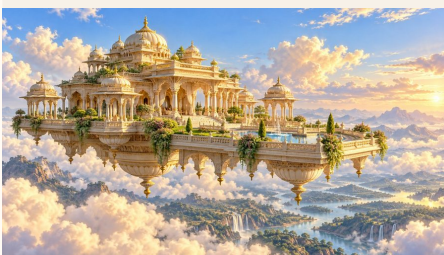
Saubha

MAHABHARATA · 3.15.2; BHĀGAVATA PURĀṆA · 10.76

Saubha appears in the Mahabharata; the Bhagavata Purana describes a flying iron city made by Maya Dānava for Śālva and its appearance on land, in the sky and on water.

Student mapping: Pradeep Panwar and Shivranjani Rathore explore three-domain mobility as a thematic comparison only; neither design is Saubha.

[OPEN TEXTUAL SOURCE](#)



Kardama's aerial mansion

BHĀGAVATA PURĀṆA · 3.23.12, 3.23.41

Kardama creates an aerial mansion for Devahūti; a later verse describes its travel through the sky.

Student mapping: Niharika Sewani's Flower Palace has a palace-like visual theme but is named Pushpak; no direct Kardama attribution is claimed.

[OPEN TEXTUAL SOURCE](#)

TEXT, STORY AND CLASSIFICATION

How the stories connect

Ancient narratives, a later manuscript and present-day student concepts have separate source labels.

01 Pushpaka | Ramayana

Valmiki Ramayana, Yuddha Kanda 123 describes Rama and Sita travelling in Pushpaka toward Ayodhya. Dushyant Vyas and Niharika Sewani use the name for modern interpretations; their visuals are not historical reconstructions.

[OPEN PRIMARY TEXT / STUDY](#)

02 Saubha | Mahabharata and Bhagavata Purana

The Mahabharata names Saubha. Bhagavata Purana 10.76.7 describes an iron flying city for Salva, and 10.76.22 describes its shifting location. Three-domain student designs are thematic comparisons, not direct Saubha identifications.

[OPEN PRIMARY TEXT / STUDY](#)

03 Kardama's aerial mansion | Bhagavata Purana

Bhagavata Purana 3.23.12 describes an aerial mansion and 3.23.41 its journey through the sky. The Flower Palace concept shares a palace motif but is named Pushpak by its maker.

[OPEN PRIMARY TEXT / STUDY](#)

04 Vaimanika Shastra | later manuscript

The 1974 Indian Institute of Science critical study dates the surviving text to 1900–1922 and reports aeronautical problems in its aircraft descriptions. Its four discussed Kritaka forms are Shakuna, Sundara, Rukma and Tripura. The manuscript is distinct from the epic and Purana accounts.

[OPEN PRIMARY TEXT / STUDY](#)

05 Student interpretation | this exhibition

The 17 student records map direct name use, inspired Kritaka categories and thematic similarities separately. Proposed irrigation, rescue, medical and survey uses and candidate materials are present-day design prompts; they are not claims made by the texts or demonstrated flight performance.

ABOUT SIN SCHOOL OF AI

The school behind the museum

Institutional summary drawn from the supplied 28-page SIN School of AI presentation.

Purpose and mission

The supplied presentation describes SIN School of AI as an artificial intelligence and machine-learning education initiative run by SIN Education and Technology. Its stated mission is to inspire and prepare the next generation of AI leaders through flexible learning, hands-on projects and career support.

The presentation identifies the Gayatri Innovation Center and describes expert-led learning, modern tools, machine learning and computer vision among its areas of study.

S.O.A.I. in the supplied profile

S**Skill**

Build practical tools and techniques.

O**Opportunity**

Explore career support and internship opportunities.

A**Application**

Use project-based learning to create real work.

I**Innovation**

Develop a laboratory and research mindset.

The learning experience

The school profile highlights five elements: special learning-management-system access, internship opportunities, interview preparation, project-based learning and hybrid delivery. These are described program features, not an employment or placement guarantee.

Connection to this exhibition

The AMC Rangers museum shows how learners at Parmanand Sharma Smriti Mahavidyalaya turned Vimana-inspired design ideas into credited visuals, browser experiences and a public educational presentation. Its historical and engineering limits remain clearly labelled.

Source: supplied SIN School of AI Final 28 Pages Red Theme presentation, pp. 3-4, 8-9. Institutional descriptions are summarized rather than independently audited.

PROGRAMS AND ACCESS

Learning pathways

Selected offerings and contact details as described in the supplied school presentation.

- 01** 15 Laws of Power
Personal and professional development: goals, communication, self-discipline and project habits.

- 02** The Future: Mastering Emerging Technologies for Tomorrow
Exposure to AI, data, computer vision, IoT, blockchain, AR/VR and drone technology.

- 03** No Code Web Development
Build and connect websites, workflows and AI-assisted digital experiences.

- 04** AI Agent Xcelerator
From prompting to agent goals, tools, automation, human review and demonstrable projects.

- 05** Corporate Xcelerator
Agentic AI learning for professionals and teams; map work tasks to supervised AI workflows.

AI Infinity Membership

The supplied presentation describes a six-month premium learning program with 24 Saturday masterclasses, covering AI and agentic AI, automation, tools, career preparation and continuing practice. It also describes application, selection interview and enrollment steps, plus scholarship options. Ask SIN School of AI for current terms.

CONNECT WITH THE SCHOOL

Website: www.sintechnologies.in/soai | Email: ceo@sintechnologies.in | Jodhpur, Rajasthan

SIN School of AI on LinkedIn / OPEN PROFILE

Source: supplied presentation, pp. 10-15, 20-22 and 28. Availability and outcomes are not independently verified.

PEOPLE AND DESIGN

Student concepts

Records 1–2 of 17

01 / LOVEJEET SINGH

Tri-Vimana

Text mapping: Hybrid: Shakuna · Sundara · Rukma · Tripura

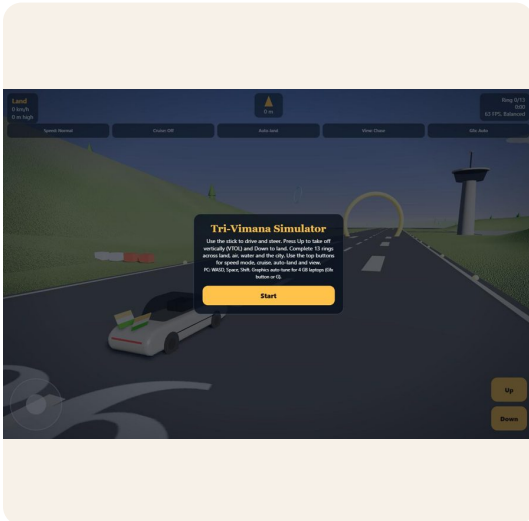
Four-seat amphibious VTOL concept combining a bird-like hull, smooth body, golden core and three operating modes.

Tradition: Hybrid Shakuna, Sundara, Rukma and Tripura motifs in the later Vaimānika Śāstra; no direct Ramayana, Mahabharata or Purana identification.

Possible use: Multi-domain observation, access to isolated communities, and emergency supplies (proposed)

Candidate materials: Carbon-fibre composite shell; aluminium structure; sealed glass-fibre flotation sections

Submitted HTML: 2 · Source references: 1



02 / ANTRIKSH VYAS

Tripura Vimana

Text mapping: Tripura / Kritaka-inspired

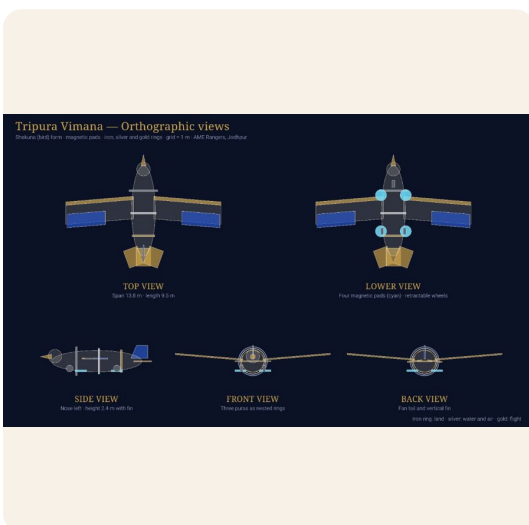
Mode-switching Tripura prototype with an additional urban air-taxi environment.

Tradition: Tripura motif in the later Vaimānika Śāstra; not identified as a named epic or Purana vehicle.

Possible use: Land-water-air survey and disaster-response concept (proposed)

Candidate materials: Carbon-fibre composite airframe; aluminium alloy fittings; glass-fibre buoyant hull

Submitted HTML: 2 · Source references: 3



PEOPLE AND DESIGN

Student concepts

Records 3–4 of 17



03 / DIPESH BALOTIYA

Magnetic Flyer / Tripura Lab

Text mapping: Tripura + Shakuna-inspired hybrid

Futuristic magnetic flyer and a separate Shakuna–Tripura amphibious concept lab.

Tradition: Shakuna/Tripura design motifs; magnetic flight is a student concept and has no verified ancient or modern propulsion basis here.

Possible use: Interactive propulsion research exhibit; proposed survey missions only if a real propulsion system is developed

Candidate materials: Aluminium alloy frame; carbon-fibre composite panels; insulated electrical enclosures

Submitted HTML: 2 · Source references: 2



04 / DUSHYANT VYAS

Pushpak eVTOL

Text mapping: Pushpaka tradition; outside the four Kritaka types

A multi-rotor air-taxi poster and AutoLISP script for a conceptual 3D model.

Tradition: Named for Pushpaka in the Ramayana, Yuddha Kanda 123; this modern eVTOL is an interpretation, not the vehicle described in the text.

Possible use: Passenger mobility and emergency access (proposed)

Candidate materials: Carbon-fibre composite fuselage; aluminium alloy fittings; thermally managed battery enclosure

Submitted HTML: 1 · Source references: 3

PEOPLE AND DESIGN

Student concepts

Records 5–6 of 17

05 / AMAN

AeroMed One

Text mapping: Modern eVTOL; no direct Kritaka type

Electric air ambulance concept with patient pickup, flight and hospital transfer scenes.

Tradition: Modern medical eVTOL concept; no specific Vaimānika Śāstra, Ramayana, Mahabharata or Purana vehicle identified.

Possible use: Medical transport and time-critical supply delivery (proposed)

Candidate materials: Carbon-fibre composite shell; aluminium alloy frame; insulated battery enclosure

Submitted HTML: 1 · Source references: 1



06 / MANISHA SHARMA

Garuda / Shakuna study

Text mapping: Shakuna / Kritaka-inspired

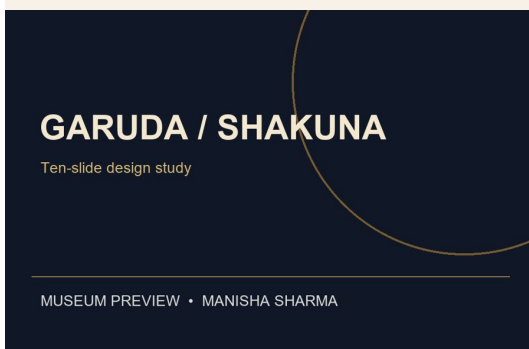
A ten-slide study of bird-shaped Shakuna architecture, parts and proposed tabletop models.

Tradition: Bird-like Shakuna motif in the later Vaimānika Śāstra; Garuda is cultural inspiration, not a documented engineering design.

Possible use: Design education and aerial observation concept (proposed)

Candidate materials: For a display model: lightweight polymer or plywood; for study: carbon-fibre composite and aluminium

Submitted HTML: 0 · Source references: 2



PEOPLE AND DESIGN

Student concepts

Records 7–8 of 17



07 / NIHARIKA SEWANI

Flower Palace / Pushpak

Text mapping: Pushpaka-inspired; outside the four Kritaka types

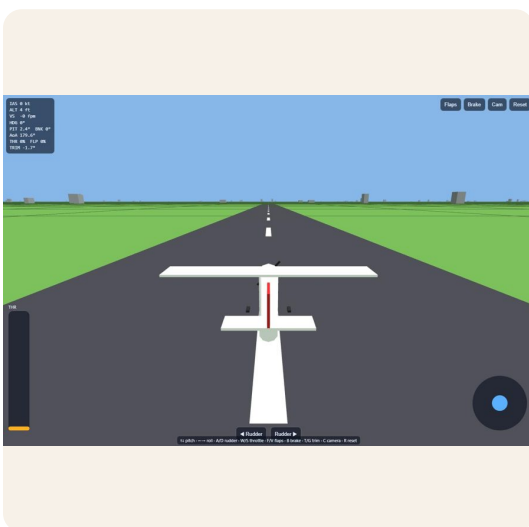
An ornate flying palace with a Shivling, eight rotors and adjustable day/night viewing.

Tradition: Pushpaka is described in the Ramayana, Yuddha Kanda 123; the flower-palace artwork is a modern creative interpretation.

Possible use: Cultural exhibition, immersive tourism storytelling and passenger-space study (proposed)

Candidate materials: For an exhibit: wood, printed polymer and acrylic; a flight vehicle would require a separate structural study

Submitted HTML: 1 · Source references: 2



08 / PRADEEP PANWAR

Tripura-X

Text mapping: Tripura / Kritaka-inspired

Tri-domain amphibious report paired with a generic 6-DOF flight demo.

Tradition: Tripura three-domain motif in the later Vaimānika Śāstra; no direct epic/Purana vehicle match.

Possible use: Coastal survey, disaster response and difficult-terrain access (proposed)

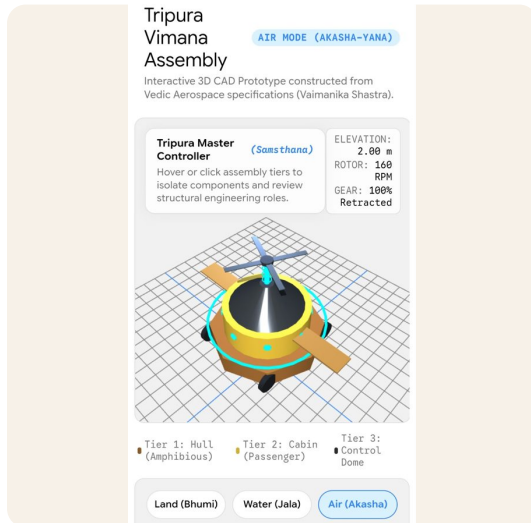
Candidate materials: Carbon-fibre composite structure; glass-fibre composite floats; aluminium alloy fittings

Submitted HTML: 1 · Source references: 3

PEOPLE AND DESIGN

Student concepts

Records 9–10 of 17



09 / PRIYANKA SHARMA

Tripura Vimana Assembly

Text mapping: Tripura / Kritaka-inspired

Interactive three-tier Tripura assembly with land, water and air controls.

Tradition: Tripura motif in the later Vaimānika Śāstra; no direct epic/Purana vehicle match.

Possible use: Multi-mode mobility and design training (proposed)

Candidate materials: Carbon-fibre composite panels; aluminium alloy structure; sealed glass-fibre hull

Submitted HTML: 1 · Source references: 1



10 / RAKSHIT GAUR

SAKUNA-X

Text mapping: Shakuna / Kritaka-inspired

Amphibious VTOL visualization with water, transition, air and landing states.

Tradition: Shakuna bird motif in the later Vaimānika Śāstra; no direct epic/Purana vehicle match.

Possible use: Coastal surveillance and search-and-rescue concept (proposed)

Candidate materials: Carbon-fibre composite wings; aluminium alloy joints; corrosion-resistant glass-fibre hull

Submitted HTML: 2 · Source references: 2

PEOPLE AND DESIGN

Student concepts

Records 11–12 of 17

11 / SHAILENDRA RENIWAL

Aqua Cycle

Text mapping: Modern multi-mode; no direct Kritaka type

Three-mode jet ski, airplane and helicopter browser simulator.

Tradition: Modern water and mobility concept; no direct ancient textual classification established.

Possible use: Waterway inspection, recreation and low-speed local mobility (proposed)

Candidate materials: Glass-fibre reinforced polymer hull; aluminium alloy frame; sealed polymer electrical housings

Submitted HTML: 1 · Source references: 1



12 / SHIVRANJANI RATHORE

Garuda-Tripura

Text mapping: Shakuna + Tripura-inspired hybrid

Multi-role flying, farming and underwater concept with a 3D viewer and presentation deck.

Tradition: Shakuna and Tripura motifs in the later Vaimānika Śāstra; irrigation is a modern proposed use, not a textual claim.

Possible use: Crop mapping, targeted irrigation payload study, and water-edge survey (proposed)

Candidate materials: Carbon-fibre composite airframe; aluminium alloy fittings; corrosion-resistant polymer tanks and seals

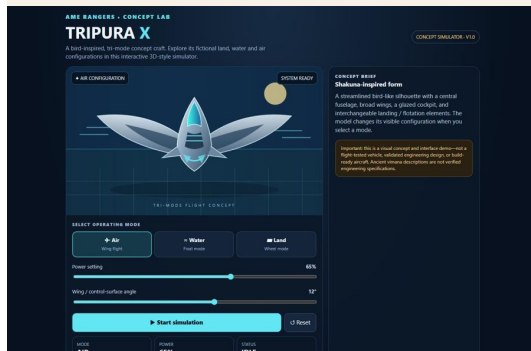
Submitted HTML: 1 · Source references: 1



PEOPLE AND DESIGN

Student concepts

Records 13–14 of 17



13 / SIDDHI

TRIPURA X

Text mapping: Tripura / Kritaka-inspired

Self-contained tri-mode craft interface plus a separate Tripura Run game.

Tradition: Tripura motif in the later Vaimānika Śāstra; no direct epic/Purana vehicle match.

Possible use: Classroom demonstration of land-water-air transition (proposed)

Candidate materials: For a scale prototype: printed polymer, lightweight plywood and sealed foam; flight-grade materials require engineering study

Submitted HTML: 2 · Source references: 0



14 / SURAJ RAJPUROHIT

Vayusetu

Text mapping: Modern eVTOL; no direct Kritaka type

Single image of a four-rotor urban aircraft labelled Vayusetu.

Tradition: Modern eVTOL concept; no direct ancient textual classification established.

Possible use: Point-to-point mobility and emergency access (proposed)

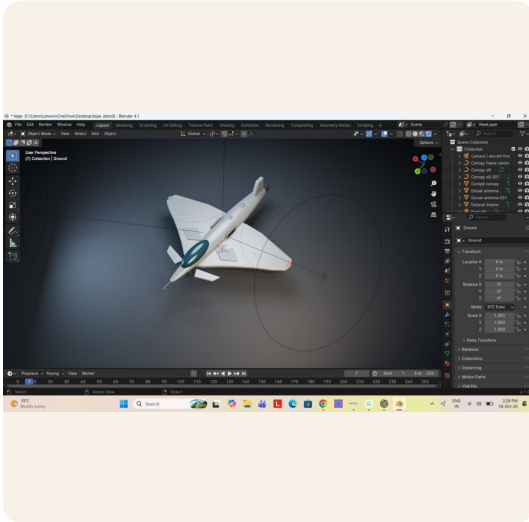
Candidate materials: Carbon-fibre composite shell; aluminium alloy fittings; thermally managed battery enclosure

Submitted HTML: 0 · Source references: 1

PEOPLE AND DESIGN

Student concepts

Records 15–16 of 17



15 / VIJAY KUMAR JANGID

Blender aircraft study

Text mapping: Unspecified; no defensible text mapping

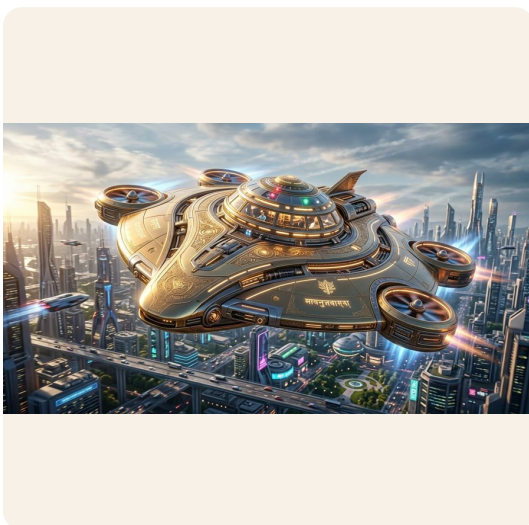
Screenshot of a small aircraft model in Blender.

Tradition: Generic aircraft study with no defensible assignment to an epic, Purana or Vaimānika Śāstra type.

Possible use: 3D design education and visual prototyping

Candidate materials: For a display model: printed polymer or lightweight wood; no flight-grade material specification follows from the image

Submitted HTML: 0 · Source references: 1



16 / PRAGYAN JANGID

Vimana eVTOL

Text mapping: Sundara / Kritaka-inspired

Sundara-inspired urban eVTOL presentation and manufacturing estimate.

Tradition: Sundara motif in the later Vaimānika Śāstra; the eVTOL engineering idea is modern.

Possible use: Urban eVTOL mobility and short-range emergency access (proposed)

Candidate materials: Carbon-fibre composite shell; aluminium alloy rotor mounts; thermally managed battery enclosure

Submitted HTML: 0 · Source references: 3

PEOPLE AND DESIGN

Student concepts

Records 17–17 of 17

17 / ARNAV RAJPUROHIT

Tripura-X image

Text mapping: Tripura / Kritaka-inspired

Quad-rotor Tripura-X image visibly credited to Arnav Rajpurohit.

Tradition: Tripura motif in the later Vaimānika Śāstra; no direct epic/Purana vehicle match.

Possible use: Multi-mode mobility exhibit and survey concept (proposed)

Candidate materials: For a concept prototype: carbon-fibre composite shell, aluminium joints and sealed glass-fibre floats

Submitted HTML: 0 · Source references: 2



PEOPLE AND ACKNOWLEDGEMENTS

Project credits

Designations in this exhibition were supplied for this project.

Dr Vinod Purohit Sir

Chairman, SIN School of AI

Er Harshvardhan Purohit

Founder and CEO, SIN School of AI Innovation Centers India; Commanding Officer of this project

Dr. Bhagwat Singh Shishodia

Professor and Vice Principal @ PSSM College; Officer whose support made this project possible

Kanika Gehlot and Shefali Agarwal

Business Executive Officers, SIN School of AI

AMC Rangers; Parmanand Sharma Smriti Mahavidyalaya

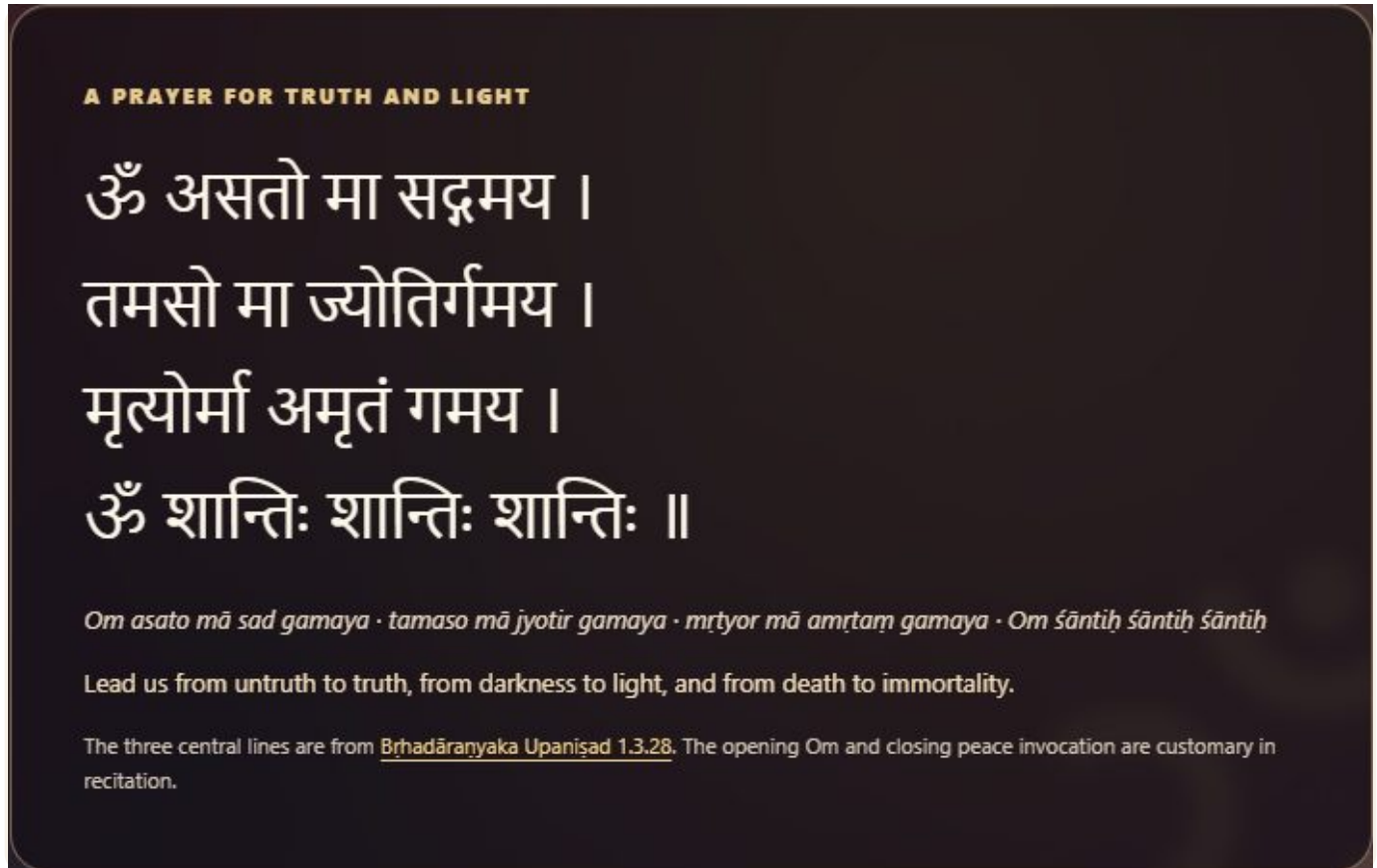
Student team and institute

Evidence note. The exhibition's Vaimānika Śāstra category mapping is cultural and interpretive. The flight labs are illustrative digital scenes. Neither the original student interfaces nor the new controls demonstrate certified flight performance.

SPECIAL THANKS

With gratitude to God

A message of thanks from the museum team and a prayer for truth and light.



Asato ma sad gamaya

Om asato ma sad gamaya; tamaso ma jyotir gamaya; mrtyor ma amrtam gamaya; Om shantih shantih shantih.

Lead us from untruth to truth, from darkness to light, and from death to immortality.

The three central petitions occur in Brhadaranyaka Upanishad 1.3.28. The opening Om and closing peace invocation are customary recitation framing. The full Devanagari text appears in the reproduced website mantra above.

We offer our special thanks to God for the guidance, strength and blessings that supported our team throughout the creation of this museum.