



लढकरदशं वेदव्युद

MIT SCHOOL OF

वेदवेद इदवेदवेद

यनेहस्ति न तत् क्वचित्

Equip yourself for success with India's native Scientific Wisdom!

INTRODUCTION

MAEER's MIT Art, Design & Technology University, Rajbaug, LoniKalbhori, Pune has launched Maharshi Veda Vyas School of Vedic Sciences to equip youth with the wisdom and skills embodied in the Indic Scientific Tradition. Through this program, We aim to prepare a new generation of creative individuals trained in India's rich scientific discipline who can blend its wisdom with contemporary knowledge, and apply both innovatively for a glorious future.

VEDIC SCIENCES: WHAT AND WHY

For millennia, India has had its own native educational methodology that is firmly rooted in the scientific tenets of rigorous analysis, logic, experiential validation, and repeatability. Vedas form the base of its unique knowledge culture, but it has accommodated several regional indigenous disciplines over time.

Ayurveda and Yoga are fruits of the Vedic system that are highly valued and popular today. However, it is lesser known that at their base lies a firm theoretical foundation of deep, holistic study of Nature, Human psychology, and of knowledge itself, its means (observation), methods (logic and language) and validation (experimentation).

By Vedic Sciences, we refer to this collective body of India's native knowledge base, and not merely its religious aspect as commonly understood.

यस्यद्वैतानि चत्वारि वानरेन्द्र यथा तव |
धृतिर्-दृष्टिर्-मतिर् दाक्ष्यं स कर्मसु न सीदति ||

“Those who have these four W.I.S.E. qualities - Will, Insight/vision, Strategic thinking and Execution - will never fail in their work.” धृति is the steadfastness to persevere against odds. दृष्टि is the ability to visualize and clarify the goal. मति is the ability to formulate an effective plan of action that leads to the goal. दाक्ष्यं is the skill to execute the action. (Source: Sundara Kanda, Valmiki Ramayana)

We believe the time is ripe for a rigorous, professional study of Vedic sciences by the younger generation, for the following reasons:

- **GET A SOLID FOUNDATION FOR THE WELLNESS PROFESSION:** World is looking for alternate holistic approaches to augment modern science for pursuing wellness and life management. There will be a rising demand for professionals who not only provide consultancy in these areas but also are capable of further research. A solid foundation in Vedic sciences is a prerequisite to fill that gap.
- **USE LATEST TECHNOLOGY TO MINE INDIC KNOWLEDGE:** Computing technology has recently matured enough to apply to India's rich knowledge base (5 million manuscripts known to date). The precise knowledge exposition methodologies adopted in Indic texts coupled with the Samskrit-like structure of Indian languages makes them more amenable to machine processing than English texts. Big data analytics, document databases, knowledge mining, scale-out computing are valuable tools for this. Study of how to apply them for encoding, mining and visualizing Vedic scientific knowledge will yield professional experience in both fields at once.
- **COMPLEMENT MODERN SCIENCE FOR INNOVATION:** To the modern seeker steeped in contemporary education, the Vedic methodology offers a very different perspective and data points that expand the horizon in his/her field of study. There are dozens of examples of better cures for contemporary illnesses, eco-friendly metallurgical and agricultural methods, and unique insights into social organization, leadership and conflict management.

The school offers a formal foundation in Vedic sciences to equip modern minds for these opportunities.

WHO SHOULD OPT FOR VEDIC SCIENCES PROGRAMS?

Vedic insights have the power to expand the focus of education and career from mere professional success to life-long fulfillment. The school of Vedic sciences trains the next generation to usher this change. Its programs are designed to develop leaders with a rich, diverse perspective of knowledge as their asset. Our target audience is mainly students of mainstream education who are curious to explore Indian knowledge tradition with an open mind to apply or adapt it to the modern context. We invite three types of individuals:

- New entrants to university education aspiring to blaze a new trail, while staying relevant to today's needs.
- Graduates looking to enrich their own area of specialization with the Vedic perspective, or aspiring for a career in multi-disciplinary research and consulting.
- Working professionals interested in the formal study of Vedic insights to apply in their own area.

एकं शास्त्रमधीयानो न गच्छेत् शास्त्रनिर्णयम् |

“One who knows only one branch of knowledge is not considered an authority even in that branch.”

The Vedic view is that Knowledge cannot be segregated into compartments. True mastery comes only after study of multiple branches of knowledge.

HOW WILL THE STUDY OF VEDIC SCIENCES HELP ONE'S MAINSTREAM CAREER?

Success in today's professional world requires three core skills:

- **Assimilation:** The aptitude to learn new concepts and unlearn old notions quickly as needed. Swami Vivekananda defines education as the practice of concentration and renunciation which corresponds to these two traits.
- **Communication:** The ability to bring clarity to a vague idea and distil an argument to its essence. Language and logic are its two aspects.
- **Empathy:** Keen awareness of how others think and feel to enable one to connect with them. This is also called emotional intelligence and is key to teamwork, influencing and leadership.

To excel in **ACE** skills, one needs an integral understanding of the nature of mind, knowledge and human behavior. Contemporary education does not deal explicitly with how to learn but leaves it to develop as a side-effect of studying various subjects. In contrast, Indian native educational method hones key learning skills (memory, logic, articulation) early on, and enables the student to apply them to master any subject quickly by oneself.

The study of Vedic darshanas including yoga provides deep insight into the holistic make-up of a human being and the inner springs of human behavior. India has a well-regarded and precise system of logic and linguistics (nyaaya), effective organization and communication of thought (miimaamsa). Vedic texts themselves are monumental examples of effective expression. Even a preliminary education in these sciences sharpens one's intellect greatly and accelerates learning and communication.

The school of vedic sciences has a unique curriculum that imparts these fundamentals.

HOW ARE THE SCHOOL'S PROGRAMS UNIQUE AND DIFFERENT FROM OTHERS?

Students have several options available today for Indic studies. Our school's approach is driven by our strong focus on (i) fidelity to the Vedic methodology of inquiry, (ii) learning ease for mainstream students, and (iii) contemporary applicability.

To achieve these, our programs facilitate hands-on experience with Vedic concepts as an integral part of learning via projects. Students use modern technology (e.g., computing and IT) to build working models of Indic ideas and their applications. This enables the students both to imbibe a concept and explore its practical applicability to a modern context. As a side effect, they gain working experience with modern technology as well, that helps their professional career. The school will thus produce not only publishable research but also practically usable products by building on past work within or outside the school. This type of hands-on experience is what the corporate world really values for employability.

युक्तियुक्तं वचो ग्राह्यं बालादपि शुकादपि |
युक्तिहीनं वचस्त्याज्यं वृद्धादपि शुकादपि ||

“Whatever is consistent with right reasoning should be accepted even if it comes from a boy or a parrot. Whatever is inconsistent ought to be rejected even if it comes from an old/wise man or a great sage like Sri Suka himself.”

This is the rigor followed in India's native education system from time immemorial.

SCHOOL OF VEDIC SCIENCES: PROGRAMS AT A GLANCE

MASTER'S IN VEDIC SCIENCE AND APPLICATIONS (MVSA) (2 YEARS) AND PhD (5 YEARS)

- **Audience:** Graduate students and working professionals
- **Eligibility:** Any Bachelors' Degree, preferably with mathematics exposure.
- **Subjects:** Knowledge Engineering, Behavioral Science, Administration (political and business - Artha Shaastra), Jyotisha (Math) and Ayurveda (Wellness)
- **Career Options:** Multi-disciplinary R&D, teaching, industrial consultancy

B.SC IN INTEGRAL PSYCHOLOGY (3 YEARS)

- **Audience:** Undergraduate students seeking to blaze a new trail
- **Eligibility:** 10+2 or equivalent in any stream with CGPA of 7.5 or higher.
- **Subjects:** Contemporary and Yogic psychology, organizational behavior, Holistic counseling, Science of Education
- **Career Options:** Counseling, psychiatry, educational training, HR, instructional design

B.TECH IN COMPUTER SCIENCE WITH SPECIALIZATION IN KNOWLEDGE ENGINEERING (4 YEARS)

- **Audience:** Undergraduate students seeking to blaze a new trail in an emerging field
- **Eligibility:** 10+2 or equivalent with exposure to mathematics and CGPA of 7.5 or higher.
- **Subjects:** Indic methods of knowledge modeling (Vyakarana, Nyaaya, Mimaamsa), knowledge mining, Semantic databases, natural language processing, big data analytics
- **Career Options:** R&D in IT, data science, knowledge mining, cloud computing

MAINSTREAM PROGRAMS ENRICHED BY INDIC PERSPECTIVE

The school of vedic sciences also augments existing programs of MIT ADT university in architecture, design, management, theatre and aesthetics with courses that introduce the Indic perspective in those fields. They will be launched over the next few years.

FOUNDATION COURSES IN VEDIC SCIENCES (COMMON TO ALL PROGRAMS)

- Certified working knowledge of Indic Scientific tradition, contributions and their application
- Proficiency in Samskrit, Yoga Psychology, Mimaamsa (Ontology), Nyaaya (Indian logic).

OUR UNIQUENESS

- Embedding Vedic sciences in a well-established, mainstream university education system
- Contemporary Bachelor's degrees of well-known value, now enriched by Indic perspective
- Explicit focus on key learning skills (i.e., how to learn, analyze, apply, influence)
- Dedicated Lab for R&D into usable applications of Indic knowledge including technology training and practice.

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“What is not here is nowhere else”

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