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Greenspace Herbs Launches VignanaVeda to Advance Evidence-Based Ayurveda Researche

16 July 2026 | News

The new Bengaluru R&D centre will consolidate analytical chemistry, formulation development, pharmacognosy and clinical research under one roof

Greenspace Herbs, a next-generation natural phyto-bioactive solutions company pioneering the science of Quantum Ayurveda, announced the launch of VignanaVeda, its dedicated Research Block. VignanaVeda is where science meets ancient botanical wisdom, bringing Greenspace's research capabilities into a purpose-built centre dedicated to decoding, validating and enhancing Ayurvedic ingredients through modern science.

The launch is a significant milestone in Greenspace's stated mission to take Ayurveda "from mystic to measurable," building an evidence base that meets the standards expected by the global nutraceutical and phyto-pharmaceutical industries.

VignanaVeda brings together four integrated research capabilities under one roof:

Analytical chemistry: Characterising and standardising botanical actives, establishing quality and safety benchmarks, and building reproducible molecular signatures for key Ayurvedic ingredients.

Formulation development: Translating validated actives into stable, bioavailable and target-specific prototypes designed for Global reach.

Pharmacognosy research: Studying the source, identity and biological activity of medicinal plants to ground every formulation in authentic, well-characterised raw material.

Clinical research: Evaluating formulations against functional biomarkers, safety studies and real-world outcomes so that claims are supported by data.

The centre operates on four guiding principles — Tradition, Technology, Evidence, and Innovation- applied with a modern analytical toolkit, including I-assisted discovery, Differential Scanning Calorimetry (DSC), Thin-Film X-ray Diffraction (TXRD), Raman Spectroscopy, Fourier Transform Infrared Spectroscopy (FTIR), and advanced microscopy, to study how botanical ingredients interact with the human body and design research experiments.

VignanaVeda advances a central question that shapes Greenspace's research philosophy: what if the next breakthrough in healthcare comes not from a new molecule, but from a new way of understanding an existing one? Rather than chasing higher dosages or isolated compounds, the centre is built to understand botanical ingredients more deeply, combining Ayurveda, artificial intelligence, quantum chemical science, spectroscopy and systems biology to study traditional knowledge through contemporary scientific tools.