

FACULTY EDITORS' NOTE



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KALPA, a brainchild of RVCA academicians, immerses in a culture of research, fostering ideologies that shape architecture and its allied fields. As a discipline, architecture is inherently subjective, giving rise to an investigative approach that allows for the exploration of complex peripheral streams influencing design. This underscores the necessity of a strong research foundation—one that embraces systematic study, and is driven by context, to enrich the discourse on design and innovation.

The inspiration for the word 'Kalpa' lies in its ritualistic approach that endures significant cycles of learning, revolving around the processes of creation, dissolution and recreation. Kalpa evolves with five definitive wings that guide through Chandas (patterns), Shiksha (learning), Vyakarana (grammar of assembly), Nirukta (etymology) and Jyotisha (timeline). When looked closely, these concepts constitute the essence of research.

Nature has always been a source of inspiration to mankind, offering ingenious solutions that refine over time. As we unveil this year's edition of KALPA, we embark on a journey that celebrates nature as a model, measure, and mentor—a philosophy deeply rooted in the principles of Nature inspired design. The theme BIONICLES: chronicles of nature is an invitation to explore the intricate wisdom of nature and its profound influence on design and innovation.

Through this volume, we delve into Biomimicry—a realm where nature's efficiency meets human ingenuity. From biophilic design to ephemeral architecture and sustainable materials, this volume highlights strategies that foster a harmonious relationship between the built and natural environments.

Equally compelling is our exploration of Parametric Design Influenced by Natural Forms and Processes. This section unravels the mathematical precision inherent in nature's patterns and their translation into computational design, offering adaptive and innovative solutions that blur the boundaries between technology and organic aesthetics.

Through this edition, we aim to ignite conversations that push the limits of conventional design thinking. We extend our deepest gratitude to our contributors, whose insights and creativity have enriched this publication. KALPA – BIONICLES is more than a collection of ideas—it is a step towards a future where nature and design coexist seamlessly.

We aspire to further enrich KALPA's objectives by exploring thematic dimensions that challenge and refine the nuances of architecture and its allied fields. This edition embraces a diverse range of contributions, including articles and interviews, to ensure a broader reach and deeper engagement with our audience. This journey would not be possible without the unwavering support and encouragement of our Principal, Dr. Om Prakash Bawane, Vice Principal, Rakesh Kulathur Shivashankaran, our Dean, Professor Suresh K Murthy, and the dedicated faculty at RVCA. We also extend our heartfelt appreciation to the student teams whose consistent efforts have been instrumental in shaping the success of this edition. We hope this volume sparks curiosity, fosters meaningful discussions, and inspires new perspectives. Happy reading! Cheers!



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