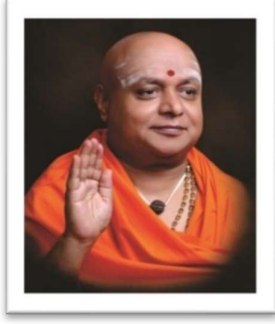
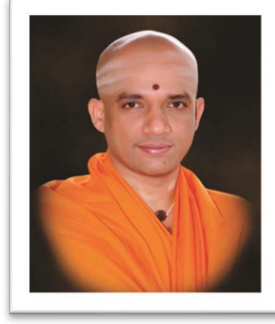


|| Jai Sri Gurudev ||



**Parama Poojya Padmabhushana
Sri Sri Sri Dr. Balagangadharanatha
Mahaswamiji
Founder President,
Sri Adichunchanagiri Shikshana Trust ®**



**His Holiness
Sri Sri Sri Dr. Nirmalanandanatha
Mahaswamiji
President, SJB SAP**



**Revered
Sri Sri Dr. Prakashnath Swamiji
Secretary, SJB SAP**



**Dr. M N Chandrashekar
Dean, SJBSAP**

Sri Adichunchanagiri Shikshana Trust ®

Sri Adichunchanagiri Shikshana trust ® runs close to 500 Institutions in India under the divine guidance of Jagadguru Padbhabhushan Sri Sri Sri Dr. Balgangadharanatha Mahaswamiji. The Trust has earned its reputation of being pro-poor, pro-rural in its focus and a stickler for quality. SJB School of Architecture & Planning (SJB SAP) is the latest platform under the guidance of Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji, an IITian himself and Sri Sri Dr. Prakashanatha Swamiji, where the Trust continues its tradition of excellence in the field of design and built environment.

From Dean's Desk

"A researcher's work is never done... it's just due." – **Unknown**

SJB School of Architecture and Planning (SJBSAP), is approved by Council of Architecture (COA), India and affiliated to Visvesvaraya Technological University (VTU), Belagavi, India.

The institution was established in 2013 under the auspices of Sri Adichunchanagiri Shikshana Trust ®, part of a thousand-year-old monastery running over 500 educational institutions. In over a decade, it has evolved into a 4 programs with B.Arch, M.Arch (Construction Project Management), B.Des and Ph.D. under University recognized Research Centre. SJBSAP is known to harbour global ambitions having successfully participated in several joint studios and Architectural tours in countries ranging from USA, Australia, Spain, Canada, UK, Peru, Brazil, France, UAE and Vietnam.

SJBSAP is proud to come out with its Volume-4 of the annual Journal of Architecture, Interior Design, Urban Design and Planning - STHALA, meaning space/place in Kannada, In the year 2021 having ISSN (online) # 2582-9491. This journal aspires to provide a scholarly platform for practicing architects, academicians, researchers, students, and scholars of architecture and related fields, to publish their research papers, projects, design approaches, case studies, and book reviews.

This volume brings together a curated collection of **scholarly articles, design research, and academic reflections** centred around the theme “**Towards Carbon Neutrality in Construction: Strategies and Solutions.**” This issue serves as a timely response to the urgent environmental imperatives our industry faces today. It highlights **pragmatic strategies, emerging technologies, traditional wisdom, material innovations, and policy perspectives** that together pave the path toward more sustainable and resilient built environments.

Integrating knowledge generated through Participatory approaches in Architecture & design will have a greater project outcome, considering the user's point of view, needs, their experience and motivational aspects.

I feel immensely proud to present **the Fourth volume of 'STHALA- A Journal of Architecture, Interior Design, Urban Design, and Planning'**, which is an endeavour to critically reflect the comprehensive approach towards addressing the “**Towards Carbon Neutrality in Construction: Strategies and Solutions**” through the research papers received from a competent team of authors. I congratulate all authors for their immense involvement in writing their research papers for publishing in “STHALA”. The journal is published in English.

This Journal provides free and open access to all its contents on the SJBSAP website (<https://sjbsap.edu.in/sthala-volume-4/>)

I once again congratulate the editorial board members for their endowment to publish the **Fourth** volume of “STHALA” - Journal of Architecture, interior design, urban design, and Planning, of SJBSAP. We would like to thank the external reviewers **Dr. Anil Kumar Chilakapati** , **Dr. Navjit Gaurav** for their thoughtful comments and efforts towards improving our manuscripts.

I also take this opportunity to express our sincere gratitude to the Management of Sri Adichunchanagiri Shikshana Trust ® for the encouragement and unstinted support as ever.

Prof. Dr. M N Chandrashekar
Dean, SJBSAP.