

Anantashilpa Sustainable InfraTech Innovations Pvt. Ltd.

Shaping Tomorrow's Infrastructure Solutions....



Incubated at



INDIAN INSTITUTE OF
TECHNOLOGY DHARWAD
PERMANENT CAMPUS, CHIKKAMALLIGWAD,
DHARWAD- 580 011, KARNATAKA, BHARATA (INDIA)

*Shaping Tomorrow's
Infrastructure Solutions*

OVERVIEW OF THE COMPANY

VISION

To be a global pioneer in sustainable infrastructure innovations. We aim to set new standards for speed, cost-effectiveness, and eco-consciousness in the Indian construction Industry.

Our goal is to contribute to a built environment that aligns with ecological balance and social responsibility, forging a path towards a greener future in India.

MISSION

Our mission is to transform the construction landscape through advanced prefabricated systems and 3D concrete printing. We're committed to sustainable practices that redefine the efficiency and environmental impact of infrastructure development.

OUR SERVICES

- 01 Consultancy and Engineering
- 02 Empowerment/Training
- 03 Evaluation and Assessment
- 04 Sustainability Audit



OUR INNOVATIVE AND SUSTAINABLE SOLUTION



OUR PRODUCTS

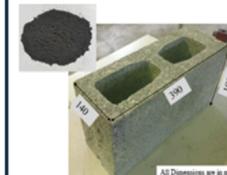
3D Concrete Printing using Recycled aggregates



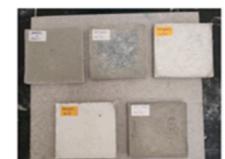
Mud-based 3D Printed Sustainable Housing Solution



Prefabricated Panels



Hollow Masonry Block



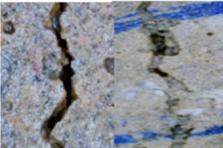
Prefab Panels



Earthen Bricks



PCM Encapsulated Roof Panel



Self-Healing Mortar



Cementless Paver Block

Cladding



Wall Panels



TECHNOLOGY AND INTELLECTUAL PROPERTY



PERBADANAN HARTA INTELEK MALAYSIA
INTELLECTUAL PROPERTY CORPORATION OF MALAYSIA
(Agency of bawah KPNP)
Aras LG, G.2 & G.3, 13.3 & 15.23,
Jalan 13/13, Seksyen 13,
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APPLICATION NO.
UI2020002945
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OWNER
UNIVERSITI MALAYA
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07 SEPTEMBER 2023
APPLICANT'S/AGENT'S REF.
2020PT/TM/PTA11.10/APP/0233/TBG

WINNER OF SUSTAINATHON - 2023

Exhibited Stall at Start-Up Dialogues organized by Deshpande Foundations, Feb 2nd, 2024.

TRACTION DETAILS



Exhibited our Invention at
**IInvenTiv – 2024 (A Global
Innovation Showcase)**
at IIT Hyderabad

Appreciated by Shri Dharmendra
Pradhan (Minister of Education, Tirupati
Gol)

Exhibited our Invention at
**IInvenTiv – 2025 (A Global
Innovation Showcase)**
at IIT Madras

Appreciated by the Director, IIT
Tirupati

Visit to University of Manchester, United Kingdom



Discussions with Prof.
James Baker, CEO of the
Graphene Engineering
and Innovation Centre

AWARDS AND ACHIEVEMENTS

- Winner of Sustainathon - 2023 - A global startup competition. Visited The University of Manchester, UK
- Awarded INR 49 Lakhs from SGNF and SERB, Govt. of India.
- Awarded INR 5 Lakhs from DST-NP, Govt. of India.
- Exhibited in InvenTiv - 2024 at IIT Hyderabad, IInventiv 2025 at IIT Madras and
- Exhibited in Startup Dialogue - 2024 and 2025 at Deshpande Startups, Hubballi.

Robust Research Background

- Best Technical Paper Award for paper titled 'Optimization and Performance Evaluation of Recycled Fine Aggregate replacement for 3D Concrete Printing' at ICCMS 2025, IIT Tirupati
- Best poster awarded for a poster titled, 'A greener tomorrow with 3D Concrete Printing Technology and Recycled construction waste' at ANRF & INAE Conclave 2025
- Presented our work at Asia-Pacific International Conference on Additive Manufacturing (APICAM 2025), held at RMIT University, Melbourne, Australia.



A Greener Tomorrow with 3D concrete Printing (3DCP) Technology

Develop eco-friendly, cost-effective, and high-performance structures, driving net-zero buildings and smarter cities for a sustainable future (Case study - IIT Dharwad)



Extrudability and Printability of 3DCP



Life Cycle Assessment



OUR TEAM



Dr. Ramesh Nayaka Ph.D.

Founder, Chairman and Managing Director



Mrs. Sree Vidya MBA

Director and Chief Operating Officer



Ms. Anitha Nayak M.Tech

Director and Chief Technical Officer

Mr. Manjunathgouda M.Tech

Director and Chief Sustainability Officer

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