



PAAVAI EDUCATIONAL INSTITUTIONS

Approved by AICTE, NCTE, CBSE, Pharmacy Council of India, Indian Nursing Council, New Delhi, DOTE, TNNMC, Chennai, Government of Tamilnadu and Affiliated to Periyar University, Salem, Anna University, The Tamilnadu Dr. M.G.R. Medical University, Teacher Education University, Chennai.

NH-44, Paavai Nagar, Pachal, Namakkal - 637 018.

☎ 04286-243038, 58, 88 & 98, 98654 15888 | Email : info@paavai.edu.in | Web : http://paavai.edu.in

Founder & Chairman
N.V. Natarajan, B.Com., FCA,
Chartered Accountant

Engineering | Polytechnic | Arts & Science for Women | Pharmacy | Nursing | Allied Health Science | Physiotherapy
CBSE & Matric Schools | B.Ed | D.T.Ed | IAS Academy | Nrithyalaya Dance School | Multispeciality Corporate Hospital

Date: 15.05.2025

Testimonial on Technological Innovations by MAK India Pvt.Ltd.

During our recent academic - industry engagement with MAK India Pvt.Ltd., Coimbatore, we had the opportunity to closely examine the diverse suite of technologies developed by the organization. We were deeply impressed by the engineering clarity, functional innovation and field -readiness of the solutions presented.

Key Technological Highlights

1. MAK Bio Septic Tank System:

A zero - maintenance, enzyme-free anaerobic digester designed for decentralized sanitation. With no need for chemical recharge or manual desludging, it offers long-term operational sustainability. The system is structurally robust, odor-free and capable of protecting groundwater through biological digestion mechanisms.

2. MAK Green Incinerator:

A non - electric, thermally efficient incinerator capable of processing unsegregated solid waste at over 800° C. It uses a unique airflow design for combustion and integrated carbon scrubbing. Its utility in rural and institutional settings is significant due to its power-free operation and ease of maintenance.

3. Hybrid Sewage Treatment Plants (STP):

These systems, developed in association with DRDO and CSIR, utilize a combination of anaerobic and nano-structured filtration technologies for sustainable wastewater treatment. Field deployments, such as at CRPF Coimbatore, showed high - efficiency effluent clarity with minimal energy inputs.

-2-



PAAVAI EDUCATIONAL INSTITUTIONS

Approved by AICTE, NCTE, CBSE, Pharmacy Council of India, Indian Nursing Council, New Delhi, DOTE, TNNMC, Chennai, Government of Tamilnadu and Affiliated to Periyar University, Salem, Anna University, The Tamilnadu Dr. M.G.R. Medical University, Teacher Education University, Chennai.

NH-44, Paavai Nagar, Pachal, Namakkal - 637 018.

☎ 04286-243038, 58, 88 & 98, 98654 15888 | Email : info@paavai.edu.in | Web : http://paavai.edu.in

Founder & Chairman
N.V. Natarajan, B.Com., FCA,
Chartered Accountant

Engineering | Polytechnic | Arts & Science for Women | Pharmacy | Nursing | Allied Health Science | Physiotherapy
CBSE & Matric Schools | B.Ed | D.T.Ed | IAS Academy | Nrithyalaya Dance School | Multispeciality Corporate Hospital

-2-

Institutional Perspective and Endorsement

Based on our direct observation and technical discussions during the site visit, we believe that MAK India Pvt.Ltd. has developed a unique suite of practical and sustainable engineering solutions. Their innovations are thoughtfully designed for real - world conditions and demonstrate a strong understanding of environmental systems, public utility infrastructure and rural development challenges.

We commend their commitment to field-centric innovation, their engineering depth and their pursuit of eco-conscious, scalable models. Technologies such as the bio septic tank, green incinerator and hybrid STP represent disruptive alternatives to conventional systems and have the potential to address critical sanitation and waste management issues across communities in India.

It is with professional confidence that we endorse the technical soundness and social relevance of MAK India's innovations and we look forward to witnessing their further success and widespread deployment across the country.

Founder & Chairman
Paavai Educational Institutions