



CSIR-Structural Engineering Research Centre

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Press Release

CSIR-SERC Transfers Eco-Friendly Geopolymer Concrete Block Technology to Industry Partner

Chennai, 22 September 2026: As part of the celebrations marking the 85th Foundation Day of the Council of Scientific and Industrial Research (CSIR), CSIR-Structural Engineering Research Centre (CSIR-SERC), Chennai, a premier national laboratory under CSIR, has transferred its indigenously developed Eco-Friendly Geopolymer Concrete Block technology to M/s. Archana Blocks, Rajapalayam, Virudhunagar, Tamil Nadu, an enterprise engaged in the manufacture of sustainable construction materials.

The formal technology transfer was carried out between Dr. N. Anandavalli, Director, CSIR-SERC, and Smt. K. Archana, Proprietor, M/s. Archana Blocks, marking an important step towards taking an innovative sustainable construction technology from the laboratory to industry.

The Eco-Friendly Geopolymer Concrete Block technology developed by CSIR-SERC offers an alternative approach to conventional cement-based construction products, with emphasis on sustainable construction practices and reduction of environmental impact.

Speaking on the occasion, Dr. N. Anandavalli, Director, CSIR-SERC, emphasised the importance of translating scientific research into technologies that can be adopted by industry and contribute to sustainable infrastructure development.

The technology transfer programme was attended by Dr. S. Parivallal (Scientist G and Advisor, M) and senior officials from CSIR-SERC, alongside Shri Karthik SR and Shri Aksatram SK from M/s. Archana Blocks, Rajapalayam.

The technology transfer underscores CSIR-SERC's continued efforts to convert scientific and technological innovations into practical solutions for industry and society. Such industry partnerships facilitate the wider adoption of sustainable technologies and contribute to the development of environmentally responsible and durable infrastructure in the country.

