

Fast-track construction of low cost toilet unit using CSIR-CECRI's technology

Towards achieving the aims of Swachh Bharat Mission proposed by the Government of India, CSIR-CECRI has developed a technology for the construction of low cost toilet units. Using the funds sponsored by Indian Bank, Alagappapuram branch, Karaikudi under Corporate Social Responsibility(CSR) Scheme, CSIR-CECRI, Karaikudi has constructed 8 numbers of low cost toilet units in two Panchayat Union Middle Schools namely Panampatti and Pethachi Kudiyiruppu of Sakkottai Panchayat Union, Sivaganga District. Each toilet unit was constructed at a cost of Rs. 12,500/- which is nearly 40% lesser than that of conventional toilets. Precast reinforced concrete thin panels with interlocking mechanism were used in the technology. Scientists of CSIR-CECRI explained that the developed technology would enable fast-track construction and could be easily modified to suit different geometric dimensions.

This facility was opened for the use of Teachers and Students on 07.01.2022 at 10.00 a.m. by Dr. N. Kalaiselvi, Director, CSIR-CECRI and Mr. P.V. Balachandran, Zonal Manager, Indian Bank, Karaikudi. The inventors Dr. J. Daniel Ronald Joseph and Dr. M. Ashok, Scientists, Dr. V. Saraswathy, Head, Corrosion and Materials Protection Division, Dr. Jonas Davidson, Head, Technology Transfer and Business Development Division, CSIR-CECRI, Mr. Ramesh Kumar Marko, Manager, Indian Bank, Alagappapuram Branch, Karaikudi, Sirugapatti Panchayat President Mr. Karuppiyah, Ward Member Mr. Vidiyal Udaiappan, Head Masters and Teachers participated in the programme.