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Shivamogga to get solid waste management unit soon

At present, 100 tonnes of solid waste is generated in the city daily

The solid waste management unit that functions on pyrolysis technology, established by Shivamogga District Chamber of Commerce and Industries (SDCCI), at Gopala Extension, in the city will be commissioned on March 26.

Funded through donations

The unit has been set up at a cost of Rs. 25 lakh and has the capacity to handle four tonnes of solid waste daily. The SDCCI has mobilised the money necessary for the unit in the form of donation from business establishments.

Under the pyrolysis method, the solid waste is subjected to thermochemical decomposition at high temperatures. The segregation of the waste in the chamber is executed through

magnetic technology. Barring glass and metal, all other solid waste is processed in this unit. One tonne of solid waste can be processed in six hours. With two per cent of the waste getting converted into ceramic ash under this method, the ash can be used for production of ceramic paints and tiles.

Trial run

President of SDCCI, D.S. Arun, said that the unit is being run on trial basis since the past few days. It will be handed over to Shivamogga City Corporation on March 26.

The SDCCI has entered into a memorandum of understanding with the Corporation on the maintenance of the unit. It has been planned to process the waste generated in Gopala Extension and surrounding localities in Shivamogga city at the unit.

Need for awareness

It will also be possible to convert plastic waste into bio-fuel and organic waste into plastic here. The SDCCI will request the Corporation to create awareness among the public on the need to segregate waste at source to ensure its re-cycling and re-use, he said.

Solid waste is manageable

At present, 100 tonnes of solid waste is generated in the city daily. It is possible to manage solid waste in a scientific manner by adopting advanced technology like pyrolysis.

The SDCCI has planned to establish one more pyrolysis-based solid waste management unit in the city, he added.

The unit has been set up at a cost

of Rs. 25 lakh and can handle four tonnes of solid waste daily

How pyrolysis works

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