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Region

Pondicherry varsity researchers patent thermo-electric device

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Researchers at the Department of Green Energy Technology, Madanjeet School of Green Energy Technology, Pondicherry University, have patented a zinc oxide-based thermo-electric device.

The thermo-electric device (TED/TEC) converts heat energy into electrical energy

A press note from the university said the research team, led by Periyasamy Thilakan, Associate Professor, was granted the Indian

patent, titled, 'Processing of Zinc Oxide (ZnO) P-N Junction ThermoElectric Device'. The thermo-electric device (TED/TEC) converts heat energy into electrical energy, and is identified as a key technology to convert the waste heat generated by industries into electrical energy.