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An innovative Internet of Things (IoT) enabled smart-grid solution will introduce prepaid electricity metering in Sri Lanka. The solution was launched recently by Sri Lanka"s telecommunications firm Dialog Axiata PLC,

Dialog Axiata PLC, Sri Lanka"s premier connectivity provider, Lanka Electricity Company (LECO) and the Ministry of Power and Renewable Energy announced the deployment of an innovative Internet of Things (IoT) enabled smart-grid solution to introduce Prepaid Electricity Metering to Sri Lanka at the "GSMA Mobile for Development Utilities Asia Industry Forum 2019". The event ...

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The transition from traditional power grid systems to IoT-based connected smart grid networks has created several new opportunities and challenges. The enormous quantum of data generated by the smart grid demands innovative logical approaches, similar to machine literacy algorithms, to ensure effective operation and data security.

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Solid waste management has become a severe concern in urban areas of Sri Lanka. This paper arises from a study that aims to identify an ICT-based solution for managing solid waste effectively.

In this research, a low cost IoT and weather based smart irrigation system is developed which can automatically control the water supply to plants based on soil moisture ...

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Also, to create inter-connected smart grid to provide real-time train movement tracking across the country and make way to insert AI system to automate entire train operations. See ... an IoT-based framework for an automatic railway gate ...

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The evolution of IoT-based Energy Internet (EI) applications has been discussed in a detailed study of modern IoT (Internet of Things) technologies for smart grids and smart urban ecosystems (SUE ...

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DOI: 10.1109/ICIIS47346.2019.9063272 Corpus ID: 215800392; Design and Optimization of IoT Based Smart Irrigation System in Sri Lanka @article{Laksiri2019DesignAO, title={Design and Optimization of IoT Based Smart Irrigation System in Sri Lanka}, author={H. G. C. R. Laksiri and H.A.C. Dharmagunawardhana and J.V. Wijayakulasooriya}, journal={2019 14th Conference on ...

smart bulk metering system is installed for the CEB including a smart bulk meter, communication network and meter data management system. o CEB should finance the above program and GPRD/3G/4G/Fiber technology could

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Research has focused on smart IoT-based water management and monitoring system designs for various types of applications, including agricultural, industrial, residential, and crude oil exploration ...

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for AI ...

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As there is a research gap in Sri Lanka on smart transportation for smart cities the search was done on all smart transportation and smart city related studies regardless of the country. ... Internet of Things Based Smart Transportation Systems [21] are inventing a system which sends location information to

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