INFORMATICS INSTITUTE OF TECHNOLOGY

In Collaboration with

UNIVERSITY OF WESTMINSTER

"Smart-Battery-Saver"

Mobile phone energy saving through intelligent profile management.

A dissertation by

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Submitted in partial fulfillment of the requirements for the
BEng (Hons) Software Engineering Degree
Department of Computing

May 2018

Abstract

Mobile phones are becoming essential part of our day-to-day life. Functionalities provided by mobile phones are in continuous increase. Power consumptions of these mobile phones also keep rising due to increased number of functionalities. Unfortunately, battery technologies are unable to keep up with ever-increasing demand.

This project tries to find solution for this problem by using machine learning algorithm understand user context and intelligently select optimize power saving settings or particular mobile phone. With help of this mobile application user will able to extend battery life of their mobile phone.