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(71)Name of Applicant :
1)Dr.N.RAJESWARAN
Address of Applicant :DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS) MAISAMMAGUDA, SECUNDERABAD 500100 TELANGANA STATE, INDIA Telangana India
2)Dr.T.RAJESH
3)Dr.K.EZHIL VIGNESH
4)Dr.P.ANANTHABABU
5)Dr.D.RAJA REDDY
6)Dr.A.V.SUDHAKAR REDDY
7)Mr.CH.NARENDRA KUMAR
8)Mr.T SANJEEVA RAO
(72)Name of Inventor :
1)Dr.N.RAJESWARAN
2)Dr.T.RAJESH
3)Dr.K.EZHIL VIGNESH
4)Dr.P.ANANTHABABU
5)Dr.D.RAJA REDDY
6)Dr.A.V.SUDHAKAR REDDY
7)Mr.CH.NARENDRA KUMAR
8)Mr.T SANJEEVA RAO

(57) Abstract :

AN EFFICIENT METHODOLOGY AND SYSTEM TO CALCULATE THE UNITS OF ELECTRICITY CONSUMED BY EVERY PRODUCT An efficient methodology and system to calculate the units of electricity consumed by every product or an electronic appliance on timely basis is the need of the hour invention, since it is very important to save the non-renewable energy resources. The proposed system aims at calculating the units of electricity consumed by each and every individual electronic product or appliance on hourly basis so that the user can know the electricity of each and every appliance and try to cut down its usage accordingly. The plurality of sensors that are attached to the appliances will read the units and save a copy of data within them after sending it to the main board which will have the data regarding the usage of electricity of the entire building. Also the data regarding the electricity consumption is stored on a cloud server along with alert messages to the user of the appliance so that they can plan the consumption for the month accordingly.

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