

(54) Title of the invention : BATTERY MANAGEMENT SYSTEM BY USING WIRE LESS SENSOR MODULE.

<p>(51) International classification :G07C0005080000, F02B0003060000, B60H0001000000, F02D00041220000, G01S0019140000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant :  <b>1)Malla Reddy Engineering College</b>  Address of Applicant :Malla Reddy Engineering College Dhulapally post via Kompally Maisammaguda Secunderabad -500100 Secunderabad -----</p> <p><b>2)D Narasimha Rao</b>  Name of Applicant : NA  Address of Applicant : NA</p> <p>(72)Name of Inventor :  <b>1)D Narasimha Rao</b>  Address of Applicant :Assistant Professor Electrical and Electronics Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Medchal-Malkajgiri-500100. State:Telangana Email ID &amp; Contact Number:dasarinarasimharao@gmail.com&amp;9059607390 Secunderabad -----</p> <p><b>2)Moguthla Shankar</b>  Address of Applicant :Assistant Professor Electrical and Electronics Engineering Dept., Nalla Narasimha Reddy Education Society's Group of Institutions, Medchal-Malkajgiri-500100. State: Telangana Email ID &amp; Contact Number:nrgshankar@gmail.com&amp;9848326481 Secunderabad -----</p> <p><b>3)G Satish Goud</b>  Address of Applicant :Assistant Professor Electrical and Electronics Engineering Dept., Siddhartha Institute of Engineering &amp; Technology, Vinobha Nagar, Ibrahimpatnam, Ranga Reddy -501506 State:Telangana Email ID &amp; Contact Number:satish.eng07@gmail.com&amp;9347952367 Hyderabad -----</p> <p><b>4)R Murali</b>  Address of Applicant :Assistant Professor Dept. of Electrical and Electronics Engineering Anurag University,Ghatkesar, Medchal-Malkajgiri-501301. State:Telangana Email ID &amp; Contact Number:muraliee@anurag.edu.in&amp; 9381860439 Hyderabad -----</p> <p><b>5)Mrs Pokala Sumati</b>  Address of Applicant :Assistant Professor Dept of AIML,Institute of Aeronautical Engineering , Dundigal, Medchal-Malkajgiri-500100 State:Telangana Secunderabad -----</p> <p><b>6)Mani Ratnam Tarapatla</b>  Address of Applicant :Assistant Professor Department of Electrical and Electronics Engineering Bonam Venkata Chalamayya Engineering College(A), Odalarevu, Amalapuram, Andhra Pradesh 533210 Email ID &amp; Contact Number: tmratnama.bvce@bvcegroup.in 94921362442 Amalapuram -----</p> <p><b>7)Kambala Vijay Prasad</b>  Address of Applicant :Assistant Professor Department of Electrical and Electronics Engineering Bonam Venkata Chalamayya Engineering College(A), Odalarevu, Amalapuram, Andhra Pradesh 533210 Email ID &amp; Contact Number: vijayprasad32567.bvce@bvcegroup.in 9989818165 Amalapuram -----</p> <p><b>8)Dr.R.Sasidhar</b>  Address of Applicant :Associate Professor &amp; HOD EEE Department Avanathi Institute of Engineering and Technology Cherukupalli(v) Bhogapuram (M) Vizianagaram Dist.-531162 Andhra Pradesh Email ID &amp; Contact Number: sasidhar1.eee@gmail.cm &amp;9866035095 Bhogapuram -----</p> <p><b>9)Ambati Supraja</b>  Address of Applicant :Assistant Professor Dept. of EEE, St. Peter's Engineering College,Maisammaguda (Post. Via. Kompally), Medchal-Malkajgiri-500100. State:Telangana Email ID &amp; Contact Number:suprajaambati2000@gmail.com&amp;7799508299 Secunderabad -----</p> <p><b>10)N Raju</b>  Address of Applicant :Assistant Professor Electrical and Electronics Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Medchal-Malkajgiri-500100. State:Telangana Email ID &amp; Contact Number:rajuneelam63@gmail.com&amp; 9908925564 Secunderabad -----</p>
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(57) Abstract :  
WIFI GPS vehicle temperature monitoring and control system design and development. The only thing a vehicle's temperature is its engine's temperature. Increased engine temperature impacts a vehicle's longevity, dependability, and mileage. There is occasionally a risk of an engine failure due to excessive temperatures. Here, we suggest a system similar to the GPS-enabled WIFI vehicle temperature monitoring and control. The WiFi (Sim800C) module used in this project is connected to Arduino via UART. GPS module and Arduino are linked via a UART interface.Arduino analog pin is connected to a DHT11 temperature sensor. Arduino digital pin interfaced with a buzzer. Relay connected to an Arduino digital pin controls a DC motor. The engine temperature is read by this temperature sensor (LM35). Assume the vehicle's engine is a DC motor. The DC motor (car engine) will turn off if the engine temperature rises over 130 degrees (the maximum temperature for both gasoline and diesel engines is 130 degrees). Engine condition and temperature are shown on the LCD. An SMS with a GPS location will be sent to the registered cellphone number whenever the temperature rises above 130 degrees.

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