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(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

Address of Applicant :Dhanbad - 826004, Jharkhand, India
Dhanbad -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)SHIKHA SINGH

Address of Applicant :Room no. 203, Department of Management Studies & Industrial Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad, Dhanbad – 826004, Jharkhand, India Dhanbad -----

2)VIKRAM SINGH

Address of Applicant :Department of Management Studies & Industrial Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad, Dhanbad – 826004, Jharkhand, India Dhanbad -----

3)SHUBHAM SONWANE

Address of Applicant :Department of Management Studies & Industrial Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad, Dhanbad – 826004, Jharkhand, India Dhanbad -----

(57) Abstract :

A process devised for developing the low cost electric vehicle to get accurate real time data to predict the state of battery's health and the vehicle's digital twin by assembling a physical model with required sensors, battery, micro controller, motor controller, bluetooth module and four DC motors in parallel and connecting the assembled physical product to the cloud through Wi-Fi/Lot whereby live data is sent to the cloud with the help of rest-API wherein the real time data is being used to develop a machine-learning model to predict battery health with high accuracy.

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