

(54) Title of the invention : ARTIFICIAL INTELLIGENCE BASED APPROACH TO DESIGN AN ENGINE TO RECEIVE WIND ENERGY AND RUN THE ELECTRIC VEHICLES

<p>(51) International classification :F03D0009250000, F03D0003060000, F03D0009460000, F03D0009110000, F03D0009000000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</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 : 1)R. KIRANMAYI Address of Applicant :PROFESSOR/ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT, JNTUA COLLEGE OF ENGINEERING ANANTAPUR, ANANTAPUR, 515002 ANANTAPUR ----- 2)PALUKURI VEERENDRA 3)ANAND GOSWAMI 4)MUKESH KUMAR 5)N.LOGANATHAN 6)RASHI GOSWAMI 7)K.S.SEKAR 8)MOHD ESA 9)KARUNAMOORTHY B 10)Dr JYOTI PRASAD PATRA 11)Dr.J.KARTIGEYAN 12)REGA SURESH BABU Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)R. KIRANMAYI Address of Applicant :PROFESSOR/ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT, JNTUA COLLEGE OF ENGINEERING ANANTAPUR, ANANTAPUR, 515002 ANANTAPUR ----- 2)PALUKURI VEERENDRA Address of Applicant :ASST.PROFESSOR & HOD/ MECHANICAL ENGINEERING/ KAKINADA INSTITUTE OF ENGINEERING AND TECHNOLOGY (KIET)-JNTUK. Kakinada ----- 3)ANAND GOSWAMI Address of Applicant :ASSISTANT PROFESSOR,GYAN GANGA INSTITUTE OF TECHNOLOGY AND SCIENCES,JABALPUR, MADHYA PRADESH,482005 JABALPUR ----- 4)MUKESH KUMAR Address of Applicant :RESEARCH SCHOLAR/MECHANICAL ENGINEERING DEPARTMENT,DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE AND TECHNOLOGY , MURTHAL SONIPAT,131039 MURTHAL SONIPAT ----- 5)N.LOGANATHAN Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF EEE, SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY, KUNIAMUTHUR, COIMBATORE - 641008 COIMBATORE ----- 6)RASHI GOSWAMI Address of Applicant :ASSISTANT PROFESSOR, GYAN GANGA INSTITUTE OF TECHNOLOGY AND SCIENCES, JABALPUR, MADHYA PRADESH JABALPUR ----- 7)K.S.SEKAR Address of Applicant :LECTURER (SENIOR GRADE) / MECHANICAL ENGINEERING, MURUGAPPA POLYTECHNIC COLLEGE, CHENNAI - 600062 CHENNAI ----- 8)MOHD ESA Address of Applicant :CHARTERED ENGINEER, ELECTRICAL ENGINEERING DIVISION, THE INSTITUTION OF ENGINEERS (INDIA) - TELANGANA STATE CENTRE, HYDERABAD, 500004 HYDERABAD ----- 9)KARUNAMOORTHY B Address of Applicant :ASSOCIATE PROFESSOR, EEE DEPARTMENT, KUMARAGURU COLLEGE OF TECHNOLOGY,COIMBATORE COIMBATORE ----- 10)Dr JYOTI PRASAD PATRA Address of Applicant :FACULTY ELECTRICAL ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH BHUBANESWAR ----- 11)Dr.J.KARTIGEYAN Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, J.B. INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYDERABAD,TELANGANA – 500 075 HYDERABAD ----- 12)REGA SURESH BABU Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, J.B. INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYDERABAD,TELANGANA – 500 075 HYDERABAD -----</p>
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(57) Abstract : Artificial intelligence-based approach to design an engine to receive wind energy and run the electric vehicles is the proposed invention. The invention aims at predicting the advantages of utilization of win wind energy for EV. The engine of the EV is designed to utilize the wind force to generate electricity. The invention focuses on reducing the dependence on non-renewable energy resources.

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