(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2020

(21) Application No.202041039505 A
(43) Publication Date : 25/09/2020

(54) Title of the invention : ACCURACY OF OPEN-AIR TEMPERATURE PREDICTION BY SMART WEATHER MONITORING SYSTEM FOR EFFECTIVE ANALYTICS USING IOT DEVICES

(51) International classification	:A01G0025160000, G06F0001200000, G09B0019000000, F24F0011630000, G01N0033240000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Mr.S. Magesh
Address of Applicant :2nd Street, Venkatesa Nagar, Virugambakkam Chennai-600092 Tamil Nadu, India Tamil Nadu India
2)Mr.K.Mahendran
3)Mrs.V.R.Niveditha
4)Dr.S.Radha Rammohan
5)Mrs.N.Jayashri
6)Mrs.K. Sudha
7)Dr. R. Vidya
8)Mr.S.Ramesh
9)Dr.P.Rajaram
10)Dr. Pankaj Dadheech
11)Dr. S.R.Dogiwal
(72)**Name of Inventor :**
1)Mr.S. Magesh
2)Mr.K.Mahendran
3)Mrs.V.R.Niveditha
4)Dr.S.Radha Rammohan
5)Mrs.N.Jayashri
6)Mrs.K. Sudha
7)Dr. R. Vidya
8)Mr.S.Ramesh
9)Dr.P.Rajaram
10)Dr. Pankaj Dadheech
11)Dr. S.R.Dogiwal

(57) Abstract :
IoT drives many manufacturing borders and is viewing itself as something technology that guarantees to raise the level of Big Data Analytics. This invention aimed at creating a prototype system that uses an embedded system to examine whether changes are using Raspberry Pi-Using small, low-cost, single-board computer systems used in IoT applications, we are beginning to explore new opportunities to optimize the correctness of seasonal temperature predictions. Our approach makes use of multiple linear regression and combines onboard processor temperature measurements from multiple SBCs with remote weather stations. The framework was able to monitor the climatic conditions, including humidity, temperature, soil moisture, heavy rains and light intensity. This proof of concept system is very helpful for farmers to control the farm, which is why almost where at any time, resulting in cost reduction, investment in resources and efficient farming methods.

No. of Pages : 10 No. of Claims : 3

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041039505
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/09/2020
APPLICANT NAME	1 . Mr.S. Magesh 2 . Mr.K.Mahendran 3 . Mrs.V.R.Niveditha 4 . Dr.S.Radha Rammohan 5 . Mrs.N.Jayashri 6 . Mrs.K. Sudha 7 . Dr. R. Vidya 8 . Mr.S.Ramesh 9 . Dr.P.Rajaram 10 . Dr. Pankaj Dadheech 11 . Dr. S.R.Dogiwal
TITLE OF INVENTION	ACCURACY OF OPEN-AIR TEMPERATURE PREDICTION BY SMART WEATHER MONITORING SYSTEM FOR EFFECTIVE ANALYTICS USING IOT DEVICES
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	techiemagesh@gmail.com
ADDITIONAL-EMAIL (As Per Record)	techiemagesh@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	25/09/2020

Application Status

View Documents