

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201811048842 A

(19) INDIA

(22) Date of filing of Application :24/12/2018

(43) Publication Date : 26/06/2020

(54) Title of the invention : A DEVICE FOR GENERATING WEATHER FORECAST

(51) International classification	:H04B0017318000, G01W0001100000, B63B0049000000, A61B0005110000, G01S0013880000	(71)Name of Applicant : <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector -9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)SALUJA, Nitin</b>
(32) Priority Date	:NA	<b>2)VIJ, Kartik</b>
(33) Name of priority country	:NA	<b>3)KINRA, Rahul</b>
(86) International Application No	:NA	<b>4)GUPTA, Rouble</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number:	NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a weather forecast generating device and further provides system and method for generating weather forecast. The disclosed system includes a processor coupled with a memory, the memory storing instructions executable by the processor to: receive a signal from a weather forecast device (WFD), wherein said signal comprises one or more attributes, and wherein said signal is broadcasted using an active channel; extract signal strength from said received signal; compare said extracted signal strength with a pre-defined signal strength stored in a first database, wherein based on the comparison, distortion in said received signal is determined, and wherein based on said determined distortion weather forecast is generated; and store said generated weather forecast on forecast on any or a combination of the server, the first database and a second database.

No. of Pages : 28 No. of Claims : 10