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(57) Abstract :
The present disclosure pertains to a system 100 for detection of fog, comprising an analog to digital convertor 102 that converts an analog signal into a digital signal, a control unit 104 configured with a microcontroller, and a memory that stores an instruction executable by the microcontroller. Further, the control unit 104 is configured to receive the digital signal from the analog to digital convertor 102, determine an observable aberration in the digital signal, predict presence of a fog, and generate a response signal. Additionally, the system 100 comprises a cloud 108 configured with a database, and operatively coupled with the control unit 104, where the cloud 108 stores the response signal, and a mobile application 106 operatively coupled with the cloud 108, receives and transmits the response signal from a user.

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