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(57) Abstract :
Exemplary embodiments of the present disclosure are directed towards system for monitoring agricultural field and controlling robot in real time, comprising: a filed monitoring unit, a robot controlling unit, a cloud database communicatively coupled to a computing device comprises field monitoring and controlling module through a network, the flame sensor, the soil moisture sensor and humidity sensor configured to sense data and transmit the sensed data to NODE MCU processing device, the NODE MCU processing device configured to receive and analyse the sensed data; the field monitoring and controlling module configured to operate at least one of: turn on a water pump; turn off the water pump and the robot control unit communicatively coupled to a processing device, a relay, motor driver, ultrasonic sensor, a grass cutter, a seeder, and a ploughing; the field monitoring and controlling robot module configured to enable a user to give instructions to robot control unit by clicking virtual options for controlling a robot. FIG. 1

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