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Report on

AUTOMATIC IRIGATION SYSTEM USING ARDUINO MOISTURE SENSOR AND WATER PUMP

A report submitted for the partial fulfillment of the requirements for Mini Project of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT

(AUTOMATIC IRIGATION SYSTEM USING ARDUINO MOISTURE SENSOR AND WATER PUMP)

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AUTOMATIC IRRIGATION SYSTEM USING ARDUINO MOISTURE SENSOR AND WATER PUMP

ABSTRACT

Agriculture plays a vital role in India and in all over the world. For the growth of agriculture, irrigation system is most important factor. Farmer used to go to the fields to check the water level of the field every day. If the fields are dry, then the farmer switch on the motor to pump the water into the fields. So he waits for longer time in the fields until the fields completely filled with water. So in order to reduce the efforts of a farmer developing an AUTOMATIC IRRIGATION SYSTEM USING ARDUINO MOISTURE SENSOR AND WATER PUMP.