WATER CONTROL SYSTEM

*Major project of*

*Course Title: Skilling (LabVIEW/Multisim)*

*Course code: 17TS401*

*submitted by*

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**DEPARTMENT OF ELECTRONIC & COMMUNICATION ENGINEERING**



**CERTIFICATE**

This is to certify that the project based laboratory report entitled “WATER CONTROL SYSTEM” submitted by G.SRIDEVI, G.VAMSI, G.JASWANTH, bearing registration numbers 170040250, 170040262, 170040263, to the **Department of Electronic and Communication Engineering, KLEF** for the partial fulfillment of the requirements for the completion of a project based Laboratory in “SKILLING ”course in II year, B Tech III Semester, is a bonifide record of the work carried out by them under my supervision during the academic year 2018 – 2 019.

PROJECT SUPERVISOR HEAD OF THE DEPARTMENT

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**ABSTRACT**

The major tasks were the calculation of the water level in the tanker and displaying the level based on the output the increment and decrement of the water in the tank. The final front panel will show the water level in the tank, a rate of inflow and rate of outflow. The inputs we are taking are the rate of flow of water into the tank and the rate of the water flowing out of the tank. The output is the water level indication in the tank. Additionally, we are going to see the display of the led and alarm sound based on the water level in the tank, because it makes our task more clear and easier. Earlier as the minor project we have done the calculation and displayed the output of the water level indication and we added the buzzer sound as an alarm and led display. But now we are going to do the automation i.e., we are going get the full plugged control on the system. We are going to on and off the motor based on the level of water in the tank.

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* Manage multiple sources of water
* Provide water from source and need to supply
* Maintain required level of water in tank
* Provide real time monitoring of water level in the tank
* Need to check the rate of inflow and outflow and the level of water
* To provide the digital display
* We are going to control the flow automatically

**List of Tables:**

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| --- | --- | --- | --- | --- | --- |
| **S.NO** | WATER LEVEL | LED | | BUZZER | FLOW |
| 1 | 100 | GREEN | | OFF | OFF |
| 2 | 50-99 | PINK | | OFF | ON |
| 3 | 20-49 | BLUE | | OFF | ON |
| 4 | 0-19 | RED | ON | | ON |