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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI-**

**590 018**



**A MICRO PROJECT REPORT ON  
"Digital stopwatch"(Chronometer)"**

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**CERTIFICATE**

This is to certify that the Micro-Project entitled “Digital stopwatch”(Chronometer)” has been Successfully Completed by

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The bonafide students of Department of Basic Sciences, Alva's Institute of Engineering and Technology, affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI, during the academic year 2020–2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Micro-Project work prescribed for Bachelor of Engineering.

**Mr. Hemanth S**  
**Mini Project Guide**

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## **ABSTRACT**

Digital Stopwatches (also called as chronometers) are used as timekeepers in variety of fields, including sports. Analog or digital stopwatches are available. Because of their higher accuracy and ease of use, digital stopwatches are far more common than analogue stopwatches. We attempted to create a digital stopwatch with reasonable accuracy and dependability in this project. This stopwatch has a maximum count of 9 minutes and 59.9 seconds. It has a precision of one tenth of a second. The circuit is relatively simple and straightforward to construct. The circuit's heart is a steady mv, which is followed by counter and decoder stages. The circuit is powered by a 5-volt DC source. The time is displayed on a seven - segment LED display with a common anode type.