

**VISVESVARAYA TECHNOLOGICAL
UNIVERSITY,BELAGAVI- 590 018**



AMICRO PROJECTREPORTON

“Syringe Infusion Pump”

Submitted By,

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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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CERTIFICATE

This is to certify that the Micro-Project entitled “ Syringe Infusion Pump ” has been Successfully Completed

By

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The bonafide students of **Department Mechanical Engineering, 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. Suresh P S
Project Guide


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ABSTRACT

Syringe infusion pumps are used to deliver small doses of medication from a variety of syringe sizes in acute care settings. The Medfusion® 4000 syringe pump is an intuitive system that helps confirm critical infusion related decisions.

The wireless syringe pump is recognized for reliable, accurate medication delivery to patients in the pediatric and neonatal intensive care units, adult critical care unit and the operating room.

The Infusion Management Software closes the CQI loop by providing customizable and actionable reports. Toolbox Medication Safety Software helps reduce pump programming errors by encouraging the use of drug libraries with hard and soft limits.