## VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI 590018



A project report on

# "DESIGN AND FABRICATION OF EQUIPMENT FOR UPANAHA KALPANA TREATMENT"

Submitted in partial fulfilment of the requirements for the degree of BACHELOR OF ENGINEERING

IN

#### MECHANICAL ENGINEERING

D JAYKUMAR 4AL19ME007
PRAJWAL R 4AL19ME019
RAKESH S 4AL19ME024
VENKATASHIVAREDDY 4AL19ME031

Under the Guidance of

Prof. KIRAN C H

Assistant Professor,
Dept. of MECHANICAL ENGINEERING



Department of Mechanical Engineering

ALVAS INSTITUTE OF ENGINEERING AND TECHNOLOGY MOODBIDRI-574225, KARNATAKA

2022 - 2023

## ALVA'S INSTITUTE OF ENGINEERING AND **TECHNOLOGY**

Mijar, Moodbidri D.K. -574225 – Karnataka



## DEPARTMENT OF MECHANICAL ENGINEERING

### **CERTIFICATE**

Certified that the project work entitled "Design and fabrication of equipment for Upanaha Kalpana treatment"

the completion of the projes a bona-fide work carried out by

D JAYKUMAR

**4AL19ME007** 

PRAJWAL R

**4AL19ME019** 

RAKESH S

**4AL19ME024** 

VENKATASHIVAREDDY 4AL19ME031

Are bona-fide student of Mechanical engineering Alva's Institute of Engineering and Technology in partial fulfilment for the award of BACHELOR OF ENGINEERING in

#### MECHANICAL ENGINEERING OF VISVESVARAYA TECHNOLOGICAL

UNIVERSITY, BELAGAVI, during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

Prof. Kiran C H

**Project Guide** 

Had girls fitute of Engg. & Fachnology lectitions Engineering

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**External Viva** 

Name of the Examiner

Signature with Date

1) De. G.B. Vaggar 2) Dr. Nedakantha, V.L