

**FABRICATION OF AUTOMATIC DRAIN CLEANING MACHINE**

A project report submitted in partial fulfillment of the requirements for the award of the  
Degree of

**BACHELOR OF TECHNOLOGY**

**IN**

**MECHANICAL ENGINEERING**

**SUBMITTED BY**

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**AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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**J.N.T.U Kakinada**

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# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(APPROVED BY AICTE AFFILIATED TO JNTU-KAKINADA)

(AN NAAC ACCREDITED INSTITUTION)

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## DEPARTMENT OF MECHANICAL ENGINEERING

### CERTIFICATE

This is certify that the project work entitled “**FABRICATION OF AUTOMATIC DRAIN CLEANING MACHINE**” is a Bonafied record of work done by **S.SAIVINAY (15815A0357), K. PRAVEEN NAGA KALYAN REDDY (15815A0329), K. POORNA SAI TEJA (15815A0327), K. RAJYA LAKSHMI (15815A0328)** in partial fulfillment of the requirement for the award of Bachelor of Technology in **MECHANICAL ENGINEERING** by Jawaharlal Nehru Technological University, Kakinada. During the academic year 2017-2018.

**PROJECT GUIDE**

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**EXTERNAL EXAMINER**

## **ABSTRACT**

Automatic Drainage Water Cleaning overcomes all sorts of drainage problems and promotes blockage free drains promoting continuous flow of drain water. In the modern era there have been adequate sewage problems where sewage water needs to be segregated to clean our surrounding environment.

The waste and gases produced from the industries are very harmful to human beings and to the environment. Our proposed system is used to clean and control the drainage level using auto mechanism technique.

The bedrock of the project is an endeavor to put back manual disposal of waste in sewage treatment plants and other industries. This will be an attempt to put weight off the shoulders of the manual workers involved in solid waste removal. The declining trend of deaths will be evident by replacing humans with these machines in clearing the solid waste of drainages. Technological innovation for empowering the social dignity of the manual labor in sewage plants is inherent in this innovation. This will be a valid step put forth to boost one of the goals of sustainable development- 'A LIFE OF DIGNITY FOR ALL.' This paper presented is an agglomeration of socio economic development, scientific temper and innovation which is stepping towards sustainable development