

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



AMICRO PROJECTREPORTON

“Oil Skimmer RC Boat ”

Submitted By,

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**4AL18ME020
4AL19ME007
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**UndertheGuidance of
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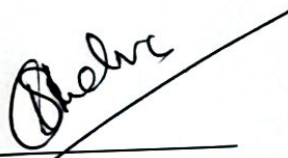
DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATE


This is to certify that the Micro-Project entitled "Oil Skimmer RC Boat" 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. Sharathchandra Prabhu
Project Guide


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ABSTRACT

Accidental Oil spills from tankers and ships contribute to 15 percent of the oil entering the ocean every year. Oil tankers and ships have spilled over 6 billion tonnes of oil into our seas since 1970. Such oil spills have very harmful impacts including

Death and harm to sea creatures.

Heavy damage to marine plant life.

Makes seafood unsafe to consume.

Hinders shipping routes and fishing industry.

Heavy losses of oil shipment lost.

Risk of fire during cleaning operations.

Well the only solution to minimize this damage is to instantly lean up on oil spills the moment they happen. Well cleaning of oil spills require heavy and specialized machinery and ships that cannot be made available to oil spill locations as soon as a spill occurs. Also there is a chance of files when driving large machinery through oil spilled waters.

Well we here propose to develop a small rc drone boat than works as an oil skimmer to separate oil from water. A swarm of such small drones working together can get rid of oil spills while also being able to recover the oil spilled.