

**“MICROWATERSHED DEVELOPMENT AT MUSSENAL VILLAGE,
NYAMATHI TALUK, DAVANAGERE DISTRICT”**



PROJECT REPORT

Submitted by

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In partial fulfillment of the requirements for the degree of

BACHELOR OF ENGINEERING

In

CIVIL ENGINEERING

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI- 590018

Under the Guidance of

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ALVA'S
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Department of Civil Engineering

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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CERTIFICATE

Certified that the project work entitled "MICROWATERSHED DEVELOPMENT AT MUSSENAL VILLAGE, NYAMATHI TALUK, DAVANAGERE DISTRICT" is a bonafide work carried out by

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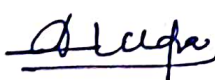
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ABSTRACT

Watershed is not simply the hydrological unit but also socio-political-ecological entity which plays crucial role in determining food, social, and economical security and provides life support services to rural people. The criteria for selecting watershed size also depend on the objectives of the development and terrain slope. A large watershed can be managed in plain valley areas or where forest or pasture development is the main objective. In hilly areas or where intensive agriculture development is planned, the size of watershed relatively preferred is small. In present study an attempt has been made to discover the stream properties of the basin using the various stream attributes such as the areal, linear parameters. The samples were collected from the basin. The sample were analysed for various Physio-chemical parameters like pH, turbidity, chlorides, calcium hardness, magnesium hardness. Later the test results are analysed. The studies are very useful for planning rainwater harvesting and watershed management.