

# UDDIPON

A collection of Students' Research Project Summaries



**Editor : Dr. Basistha Kalita**  
**Chief Editor : Dr. Hiranya Kumar Chaliha**

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# DETERMINATION OF BOILING POINT AND SPECIFIC GRAVITY OF JATROPHA SAP

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Mofizul Haque\*

## INTRODUCTION

In this project we have decided to measure the Boiling point and Specific gravity of Jatropha sap is collected from Jatropha curcas plant of three different places of Kaliabor.

Three different sample of Jatropha sap are taken from :

- a) Kaliabor Tiniali
- b) Uluwoni
- c) Borbhokoti

Before going to the project we should why it is required to determine the boiling point and specific gravity of Jatropha sap. The Jatropha sap which is extract from Jatropha curcas plant are used as a biodiesel.

Jatropha plant produces seeds with an oil content 37%. The oil can be combusted as fuel without being refined. It burns with clear smoke free flame, tested successfully as fuel for simple diesel engine. The by products are press cake a good organic