

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi - 590018



**A Mini Project Report
On**

**“DESIGN OF RF-TO-DC FOR ENERGY
HARVESTING”**

*Submitted in partial fulfillment of the requirement for the award of the
degree of*

BACHELOR OF ENGINEERING

In

ELECTRONICS & COMMUNICATION ENGINEERING

By

ALWIN D'SOUZA	4MT20EC012
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**Under the Guidance of
Ms. SWAPNA SRINIVASAN
Senior Assistant Professor**



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
(Accredited by NBA)

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

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Badaga Mijar, Moodabidri-574225, Karnataka

2022-2023

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CERTIFICATE

Certified that the mini project work entitled “**Design of RF-to-DC for Energy Harvesting**” carried out by **Mr. ALWIN D’SOUZA (USN: 4MT20EC012)**, **Mr. ANUSH KUMAR (USN: 4MT20EC014)**, **Ms. BASAVARAJ PN (USN: 4MT20EC023)** and **Ms. NAVANITH (USN: 4MT20EC044)**, the bonafide students of **Mangalore Institute of Technology & Engineering** in partial fulfillment for the award of **Bachelor of Engineering in Electronics & Communication Engineering** of the **Visvesvaraya Technological University, Belagavi**, during the year **2022-23**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The mini-project report has been approved as it satisfies the academic requirements in respect of Mini Project Work prescribed for the said Degree.

Signature of the Guide
Ms. Swapna Srinivasan

Signature of the HoD
Dr. Vinayambika S Bhat

Signature of the Principal
Dr. Prashanth C M

External Viva

Name of the Examiners

Signature with Date

1.

2.

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DECLARATION

We, **Mr. ALWIN D'SOUZA** (USN: 4MT20EC012), **Mr. ANUSH KUMAR** (USN: 4MT20EC014), **Ms. BASAVARAJ PN** (USN: 4MT20EC023) and **Ms. NAVANITH** (USN: 4MT20EC044) students of 6th semester BE in Electronics & Communication Engineering, **Mangalore Institute of Technology & Engineering, Moodabidri**, hereby declare that the mini project work entitled “**Design of RF-to-DC for Energy Harvesting**”, submitted to the **Visvesvaraya Technological University, Belagavi** during the academic year **2022-23** is a record of an original work done by us under the guidance of **Ms. Swapna Srinivasan**, Senior Assistant Professor, Department of Electronics & Communication Engineering, Mangalore Institute of Technology and Engineering Moodabidri. This mini project work is submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Engineering in Electronics & Communication Engineering. The results embodied in this report have not been submitted to any other University or Institute for the award of any degree.

Date:

Alwin D'Souza

Place: Moodabidri

Anush Kumar

Basavaraj PN

Navanith