

A
Project Report
On
PIEZO ELECTRIC BASED FOOTSTEP POWER GENERATION SYSTEM

Submitted to
Department of
ELECTRONICS & COMMUNICATION ENGINEERING

By

THALLAPELly SHIRISHA	206Y1A0456
THATIPAMULA JAAHNAVE	206Y1A0458
RAJOJU VINEELA	206Y1A0450
RASA SINDHU	206Y1A0451

Under the Esteemed Supervision of

Mr.D.Koteswar Rao
Assistant Professor



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to JNTUH, Accredited by NBA)

Ananthasagar (Vill), Hasanparthy (M), Warangal.

2022-23



Rajan

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)

ABSTRACT:

Power Generation and its use is one of the issues. Now-a-days number of power sources are present, non-renewable and renewable, but still can't overcome our power needs. Among these human population is one of the resources. In this project we are doing generation of power by walking or running. Power can be generated by walking on the stairs. The generated power will be stored and then we can use it for domestic purpose. This system can be installed at homes, schools, colleges, where the people moves around the clock. When there is some vibrations, stress or strain force exert by foot on flat platform.

It can be used for charging devices example laptop, mobile, etc.



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the project entitled “**PIEZO ELECTRIC BASED FOOTSTEP POWER GENERATION SYSTEM**” carried out by the following students of **III Year B.Tech in Electronics and Communication Engineering** during the academic year 2022-23.

THALLAPELly SHIRISHA 206Y1A0456

THATIPAMULA JAAHNAVE 206Y1A0458

RAJOJU VINEELA 206Y1A0450

RASA SINDHU 206Y1A0451

Mr.D.Koteswar Rao

Supervisor

Dr. K. Mahender

Head of Department



PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M.)
WARANGAL - 506 371 (T.S.)