ANDROID BASED ANTENNA POSITIONING SYSTEM

A Project report submitted in partial fulfillment of the requirements for the award of degree of

BACHELOR OF TECHNOLOGY IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

T. LAXMANA RAO	15811A0473
P. REETHU PRIYANKA	15811A0461
R.S.S. RAMA DEVI	16815A0433
T. MOHAN	15811A0474

Under the guidance of

Miss. B.AJITHA TEJA, M.Tech,

ASSISTANT PROFESSOR

DEPARTMENT OF

ELECTRONICS AND COMMUNICATION ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Accredited by NBA, Approved by A.I.C.T.E, Affiliated to J.N.T.U. KAKINADA)

TAMARAM (P.O), MAKAVARAPALEM (M.O) , NARSIPATNAM (R.D)

VISAKHAPATNAM DISTRICT-533113 ,

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TAMARAM (P.O), MAKAVARAPALEM (M.O) , NARSIPATNAM (R.D)
VISAKHAPATNAM DISTRICT-531113

BONAFIED CERTIFICATE

This is to certify that the project entitled "**ANDRIOD BASED**

ANTENNA POSITIONING SYSTEM "in partial fulfillment for the degree of

Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING, at

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VISAKHAPATNAM is an bonafied work carried out by **T.LAXMANARAO**(15811A0473),

P.REETHU PRIYANKA(15811A0461), **R.S.S.RAMA DEVI** (16815A0433), **T.MOHAN**

(15811A0474) under the guidance and supervision during 2015-2019.

PROJECT GUIDE

Ms. **B.AJITHA TEJA**, M.Tech

Assistant professor

HEAD OF DEPARTMENT

Mr. **E.GOVINDA**, M.tech, (Ph.D.)

Associate professor

EXTERNAL EXAMINER

ABSTRACT

In this project, "ANDROID BASED ANTENNA POSITIONING SYSTEM" Arduino microcontroller was designed to develop a satellite dish positioning system which can be operated by using a Bluetooth control. The main point of using a dish is to receive signal from satellites and other Broadcasting sources. In order to get the exact angle of position of the dish, it needs to be adjusted manually. In order to overcome the difficulty of adjusting manually, this project helps in adjusting the position of the dish through a remote Control. Remote control acts as a transmitter whose data is received by an Bluetooth receiver which is interfaced to a Microcontroller of Arduino. The remote control sends coded data to the receiver whose output is then sent to the Microcontroller.

ARDUINO IDE Software is used to implement this system. The microcontroller sends the Control signals. To the motor through an interface known as the relay driver.