VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590014



PROJECT REPORT - PHASE 2

ON

A LOW-COST THERAPEUTIC EXERCISE MACHINE FOR MECHANIZED KNEE REHABILITATION

Submitted in Partial fulfillment of the Requirements for 8th Semester

Bachelor of Engineering

in

Electronics and Communication Engineering

by

MOHAMMED JUNAID M GUDDAD

1KG19EC061

ATHISH NAVEEN

1KG20EC005

KAKARLA JASWANTH CHOWDARY

1KG20EC015

TEJASHREE M

1KG20EC044

Under the Guidance

of

Dr. K. SENTHIL BABU

Professor & Head

Department of ECE, KSSEM



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
K.S.SCHOOL OF ENGINEERING AND MANAGEMENT BENGALURU-560109
2023-24



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the Project work entitled A LOW-COST THERAPEUTIC EXERCISE MACHINE FOR MECHANIZED KNEE REHABILITATION is carried out by MOHAMMED JUNAID M GUDDAD (1KG19EC061), ATHISH NAVEEN (1KG20EC005), KAKARLA JASWANTH CHOWDARY (1KG20EC015), TEJASHREE M (1KG20EC044), bonafide students of KSSEM in partial fulfillment for the award of Bachelor of Engineering in Electronics and Communication Engineering under Visvesvaraya Technological University, Belgaum during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Project phase-II report and deposited in the department library. The report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Internal Guide & Head of the Department

Dr. K. Senthil Babu Professor & Head Dept. of ECE

Professor & Head

Dry. of Flectronics & Communication Engineering K.S. School of Engineering & Management Bangalore - 560 109

Name of the Examiners

1 Raviking B.A.

2 prowa Kamar mhane.

Principal

Dr K. Rama Narasimha
Principal/Director
KSSEM

Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengalury - 560 100 Date
Signature With Date

the fagistan.