



# DESIGN OF USING SMART SHOES FOR VISUALLY IMPAIRED PERSONS USING INTERNET OF THINGS

A PROJECT REPORT

*Submitted by*

**S. LAKSHMI PREETHA**

**S. LEKA**

**M.NIVETHA**

**M.OVIYA**

*In partial fulfilment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

**IN**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**DINDIGUL 624 002**

**ANNA UNIVERSITY :: CHENNAI 600 025**

**MAY 2023**



**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)**

**Principal**

**SSM Institute of Engineering and Technology**

**Kuttathupatti Village, Sindalaganai (Te),**

**Palani Road, Dindigul - 624 002.**

## BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN OF USING SMART SHOES FOR VISUALLY IMPAIRED PERSONS USING INTERNET OF THINGS**” is the bonafide work of “**S. LAKSHMI PREETHA (922119106048), S. LEKA (922119106049), M.NIVETHA (922119106065) and M.OVIYA (922119106069)**” who carried out the project work under my supervision.

*S. Karthiga*  
17/5/23  
**SIGNATURE OF HOD**

**Dr.S.KARTHIGAI LAKSHMI**  
Department of Electronics and  
Communication Engineering,  
SSM Institute of Engineering  
and Technology,  
Dindigul – 624002.

*A.G. Geetha*  
17/5/23  
**SUPERVISOR**

**Mrs.A.GEETHA**  
Department of Electronics and  
Communication Engineering,  
SSM Institute of Engineering  
and Technology,  
Dindigul – 624002.

Submitted for the VIVA-VOCE Examination held on 17.05.2022



*Dr.D. Senthil Kumar*

**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MUS)**  
Principal  
SSM Institute of Engineering and Technology  
Euttathupatti Village, Sindalagundu (Po),  
Palani Road, Dindigul - 624 002.

*Dr. J. Jeyaraj*

**INTERNAL EXAMINER**

*Dr. J. Jeyaraj*  
17/5/23

**EXTERNAL EXAMINER**