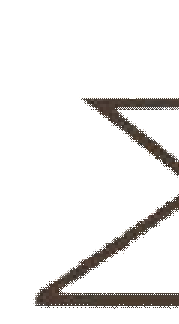
# GOVERNMENT POLYTECHNIC COLLEGE

# MATTANNUR-670702

### (Department of Technical Education, Kerala)



**PROJECT REPORT ON**

IOT TEMPERATURE MASK SCAN ENTRY BARRIER

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**2021-22**

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**CERTIFICATE**

Certified that seminar work entitled “**IOT TEMPERATURE MASK SCAN ENTRY BARRIER”** is a bonafide work carried out by **“OUR TEAM”** in partial fullfilment for the award of Diploma in Electronics Engineering from Government Polytechnic College, Mattannur during the academic year 2021-2022.

### Project Co-ordinator Head of Section

**Internal Examiner External Examiner**

**DECLARATION**

I hereby declare that the report of the ***IOT TEMPERATURE MASK SCAN ENTRY BARRIER*** entitled which is being submitted to the Govt. Polytechnic College, Mattannur, in partial fulfilment of the requirement for the award of ***Diploma in Electronics Engineering*** *i*s a confide report of the work carried out by me. The material in this report has not been submitted to any institute for the award of any degree.

Place : Mattannur **SAYOOJ M**

Date :

### ACKNOWLEDGMENT

I would like to take this opportunity to extend my sincere thanks to people who helped me to make this seminar possible. This seminar will be incomplete without mentioning all the people who helped me to make it real.

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**SAYOOJ M**

**ABSTRACT**

Now a days, women and children safety is a prime issue of our society. The counts of the victim are increasing day by day. Many unfortunate incidents have been taking place regularly. All they need is a device to notify the concerned regarding attack and that can be carried everywhere easily. Also in this age of technology, mobile phone is one of the gadgets that almost everyone uses to keep in touch with family and friends. This paper discusses the design of such an embedded device. This proposed model uses a microcontroller based embedded device to be placed inside the women shoe and an android application specially designed for Safety of Women. This app can be activated by a single click of button, whenever need arises. All that the victim needs to do in case danger is to just remove the shoe and app identifies the location of place, accordingly sends a message to the saved contacts and also make calls to the emergency numbers saved. The unique feature of this application is that user can modify and save the selected contact number and call and message will be send to all contacts at least for three times with a gap of five minutes.

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