



LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE-New Delhi and Accredited by NAAC 'A' grade Affiliated to JNTU-HYD) Sy
No. 32, Himayath Sagar, Hyderabad-500008

Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that the project work entitled "CONTACT LESS SMART SHOPPING TROLLEY WITH AUTOMATED BILLING FOR SOCIAL DISTANCING" is submitted by

FEROZ ALI KHAN18M21A0401



ESHWAR REDDY 17M21A0421



MANNEM PRANAY17M21A0401

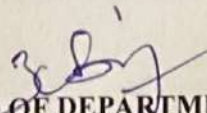


MOHD ABDUL SHAHBAZ 16M21A0430



In partial fulfilment for the award of degree of **Bachelor of Technology** In "**Electronics and Communication Engineering**" of **Jawaharlal Nehru Technological University, Hyderabad** during the academic year 2020-2021. The project report has been approved as it satisfies the academic requirement in report of project work prescribed for the bachelor of technology.

Mr. B. KIRAN KUMAR
PROJECT GUIDE


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Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that the project work entitled "IOT BASED OCCUPANCY MONITORING TECHNIQUES FOR ENERGY EFFICIENT SMART BUILDINGS" is submitted by

ALMAS KHAN

17M21A0431



MOHD ZOHAIB ALI

17M21A0422



SYED SIRAJUDDIN WAJIH

17M21A0418

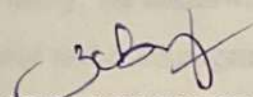


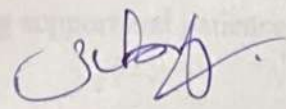
MOHD AZHAR HUSSAIN

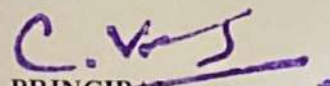
16M21A0480



In partial fulfilment for the award of degree of **Bachelor of Technology** In "**Electronics and Communication Engineering**" of Jawaharlal Nehru Technological University, Hyderabad during the academic year 2017-2021. The project report has been approved as it satisfies the academic requirement in report of project work prescribed for the bachelor of technology.


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Himayathsagar, Hyderabad 500091.

Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that the project work entitled "WIRELESS PATIENTS DATA MONITORING AND ALERTING SYSTEM USING RASPBERRY PI" is submitted by

SADIYA BEGUM

17M21A0404



MOHAMMED ISMAIL

17M21A0407



MOHD MUDASSIR TAJ

16M21A0441

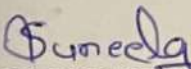


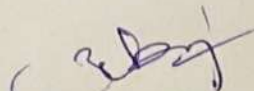
MANUSHA REDDY

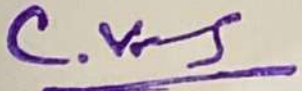
17M21A0425



In partial fulfillment for the award of degree of **Bachelor of Technology** In "**Electronics and Communication Engineering**" of **Jawaharlal Nehru Technological University, Hyderabad** during the academic year 2017-2021. The project report has been approved as it satisfies the academic requirement in report of project work prescribed for the bachelor of technology.


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ACKNOWLEDGEMENT



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Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that the project work entitled "IOT BASED AUTO TEMPERATURE SCAN ENTRY SYSTEM WITH MASK DETECTION AUTOMATIC HAND SANITIZER FOR COVID PREVENTION AT LARGE SCALE" is submitted by

MOHAMMED ABDUL MUQEEM

17M21A0416



SEESALA SOWMYA

17M21A0412



MOHAMMED FAZEELATUZ ZAMA DANISH

16M21A0482



MOHD SAIF ADEEM

17M21A0420



In partial fulfilment for the award of degree of Bachelor of Technology In "Electronics and Communication Engineering" Management of Jawaharlal Nehru Technological University, Hyderabad during the academic year 2020-2021. The project report has been approved as it satisfies the academic requirement in the report of project work prescribed for the bachelor of technology.

Mrs. Sapna Gangrade

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Sy No. 32, Himayathsagar, Hyderabad-500008.

Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that the project work entitled "FULLY AUTOMATIC CAR PARKING GUIDANCE SYSTEM USING RASPBERRY PI" is submitted by

Gulshan Sharma

17M21A0430



Ajay Singh Shekhavath

17M21A0424



Abdul Haseeb

17M21A0409



Mohd Shoebuddin

16M21A0428



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Mr. Abdul Wasay Mudasser

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Dr Jabirullah

HEAD OF DEPARTMENT

Dr. C Venkata Narasimhulu

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Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that the project work entitled "**ROLE OF WIRELESS SENSORS NETWORK IN FOREST FIRE PREVENTION**" is submitted by

MOHD ABDUL AHAD

17M21A0426



ABDUL ASAD

17M21A0403



MOHAMMAD FAISAL

17M21A0414



AHMED BIN RAHEEM

16M21A0411



In partial fulfillment for the award of degree of **Bachelor of Technology** In "**Electronics and Communication Engineering**" of **Jawaharlal Nehru Technological University, Hyderabad** during the academic year 2017-2021. The project report has been approved as it satisfies the academic requirement in report of project work prescribed for the bachelor of technology.

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Sy No. 32, Himayathsagar, Hyderabad-500008

Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that the project entitled **"Wireless Sensor Network Based Agriculture Field Monitoring System with IOT"** being submitted by

SYED MOHSIN ABDULLAH

16M21A0475



SHAIKH FAISAL

16M21A0453



MOHD ABDUL WASAY

17M21A0423



P.VAMSIDER REDDY

17M21A0419



In partial fulfillment for the award of Degree of **Bachelor of Technology** in **"Electronics and Communication Engineering"** of **Jawaharlal Nehru Technological University, Hyderabad** is a record of bonafide work carried out under my guidance and supervision.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma.

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25/6/2021

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Sy No. 32, Himayathsagar, Hyderabad-500008.

Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that the project work entitled "**IOT Based Advanced Automation For Appliances Control And Monitoring Using Raspberry Pi**" is submitted by

B.POOJA

17M21A0415



SURYANSH KUMAR

17M21A0428



K.SATYA SANDEEP

16M21A0416

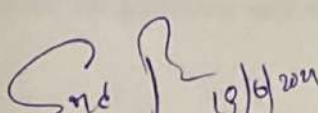


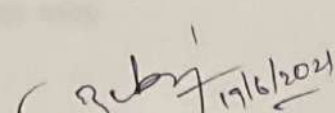
FAIZAN QURESHI

16M21A0436



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Mr. Shaik Mohammad Rasool
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Mr. Dr. Jabirullah
HEAD OF DEPARTMENT

Dr. CV. Narasimhan

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