

LPG LEAKAGE DETECTION USING ARDUINO AND IOT

SUBMITTED BY:

VISHAL V (CHAUSEL028)

VISHNU A (CHAUSEL030)

VINITHA M (CHAUSEL017)

ABHIJITH S (CHAUSEL007)

RESHMA R (CHAUSEL016)

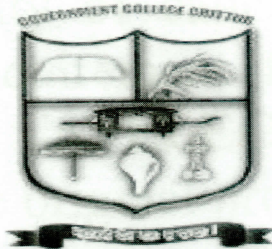
SAJITH MADHAVAN V (CHAUSEL025)

IN PARTIAL FULLFILMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE
BACHELOR OF SCIENCE
IN
ELECTRONICS
UNIVERSITY OF CALICUT



GOVERNMENT COLLEGE CHITTUR
PALAKKAD KERALA - 678104

**DEPARTMENT OF ELECTRONICS
GOVERNMENT COLLEGE CHITTUR
PALAKKAD KERALA - 678104**



CERTIFICATE

This is to certify that **VISHAL V (CHAUSEL028),
VISHNU A (CHAUSEL030), VINITHA M (CHAUSEL017), ABHIJITH
S(CHAUSEL007), RESHMA R(CHAUSEL016), SAJITH MADHAVAN
V(CHAUSEL025)** has completed the project work on **“LPG
DETECTION USING ARDUINO AND IOT”** and is being submitted in
the partial fulfilment for the award of bachelor of science
ELECTRONICS under **UNIVERSITY OF CALICUT** during the third year
of three-year degree course 2020-2023

SUBMITTED FOR THE EXAMINATION HELD ON:

PROJECT CO ORDINATOR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

1)

[Signature]
13/04/23

2)

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13/04/2023

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31.3.23
Dr. NISHAMOL M.S.
Assistant professor
Department of Electronics
Government College Chittur
Palakkad - 678 104

SMART BUILDING MANAGEMENT SYSTEM

A PROJECT REPORT

SUBMITTED BY

SOORYA R(CHAUSEL026)

SURAJ P.R(CHAUSEL027)

AJISH S(CHAUSEL008)

SONA B(CHAUSEL006)

BIBITH B(CHAUSEL019)

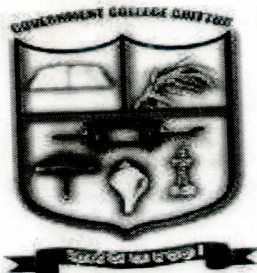
**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE
AWARD OF THE DEGREE**

BACHELOR OF SCIENCE

IN

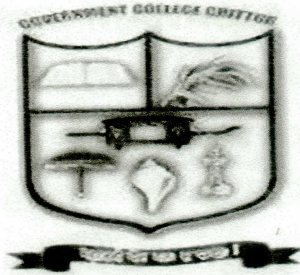
ELECTRONICS

UNIVERSITY OF CALICUT



GOVERNMENT COLLEGE CHITTUR

**DEPARTMENT OF ELECTRONICS
GOVERNMENT COLLEGE CHITTUR
PALAKKAD KERALA - 678104**



CERTIFICATE

This is to certify that **SOORYA R (CHAUSEL026), AJISH S (CHAUSEL008), SURAJ P.R (CHAUSEL027), SONA B (CHAUSEL006), BIBITH B (CHAUSEL019)** has completed the project work on **"SMART BULIDING MANAGEMENT SYSTEM"** and is being submitted in the partial fulfilment for the award of bachelor of science **ELECTRONICS** under **UNIVERSITY OF CALICUT** during the third year of three-year degree course 2020-2023

SUBMITTED FOR THE EXAMINATION HELD ON:

PROJECT CO ORDINATOR

A handwritten signature in red ink, appearing to be "S. D. S.", is written over the text "PROJECT CO ORDINATOR".

HEAD OF THE DEPARTMENT

A handwritten signature in green ink is written over the text "HEAD OF THE DEPARTMENT".

EXTERNAL EXAMINER

Dr. NISHAMOL M.S.
Assistant professor
Department of Electronics
Government College Chittur
Palakkad - 678 104

- 1) 13/04/23
- 2) 13/04/23

VOICE CONTROLLED HOME AUTOMATION USING ARDUINO

A PROJECT REPORT SUBMITTED BY

AQILA M (CHAUSEL001)

JITHU S (CHAUSEL022)

JIJIMOL K (CHAUSEL014)

PRAJITH J (CHAUSEL023)

GAYATHRI M (CHAUSEL002)

IN PARTIAL FULLFILMENT OF THE REQUIREMENT FOR THE

AWARD OF THE DEGREE

BACHELOR OF SCIENCE IN ELECTRONICS

UNIVERSITY OF CALICUT



GOVERNMENT COLLEGE CHITTUR

PALAKKAD KERALA – 678104

DEPARTMENT OF ELECTRONICS

GOVERNMENT COLLEGE CHITTUR

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PATIENT HEALTH MONITORING SYSTEM

A PROJECT REPORT

SUBMITTED BY:-

KRISHNAPRIYA S (CHAUSEL003)

HIBANAZ(CHAUSEL013)

DEVAPRASAD V S (CHAUSEL020)

MIDHUN K S(CHAUSEL012)

SAJILA C (CHARSEL011)

AJITH KRISHNAN(CHAUSEL009)

**IN PARTIAL FULLFILMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE
BACHELOR OF SCIENCE**

IN ELECTRONICS

UNIVERSITY OF CALICUT



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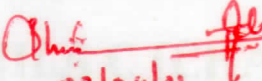
This is to certify that HIBANAZ(CHAUSEL013), KRISHNAPRIYA S (CHAUSEL003), DEVAPRASAD V S (CHAUSEL020), MIDHUN K S(CHAUSEL012), SAJILA C (CHARSEL011), AJITH KRISHNAN(CHAUSEL009) has successfully completed the project work on "PATIENT HEALTH MONITORING SYSTEM" and is being submitted in the partial fulfillment for the award of bachelor of science ELECTRONICS under UNIVERSITY OF CALICUT during second year of three year degree course 2020-2023.

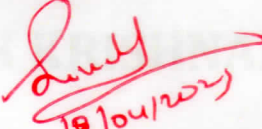
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HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

1) 
13/04/23

2) 
13/04/2023

MULTIPURPOSE AGRICULTURAL ROBOT

A PROJECT REPORT

SUBMITTED BY:-

VISHNU V S (CHAUSEL029)

ASWIN G S (CHAUSEL018)

PUNNYA K D (CHAUSEL015)

SAFANA (CHAUSEL005)

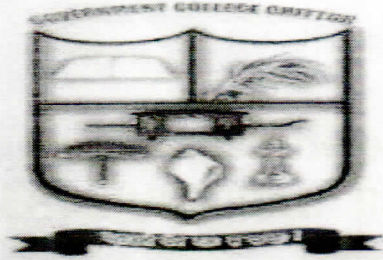
RASHMI C (CHAUSEL004)

IN PARTIAL FULLFILMENT OF THE REQUIREMENT FOR THE
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UNIVERSITY OF CALICUT



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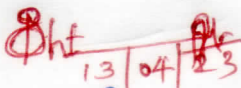
This is to certify that **VISHNU VS(CHAUSEL029),ASWIN GS(CHAUSEL018),PUNNYA K D (CHAUSEL015), SAFANA (CHAUSEL005),RASHMIC(CHAUSEL004)** has successfully completed the project work on "**MULTIPURPOSE AGRICULTURAL ROBOT**" and is being submitted in the partial fulfillment for the award of bachelor of science **ELECTRONICS** under **UNIVERSITY OF CALICUT** during second year of three year degree course 2020-2023.

SUBMITTED FOR THE EXAMINATION HELD ON :-



PROJECT CO ORDINATOR
EXTERNAL EXAMINER


HEAD OF THE DEPARTMENT
Head of the Department
Department of Electronics
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Palakkad-678 104

1)


13/04/23

2)


13/04/2023