

WEATHER MONITORING SYSTEM

A dissertation submitted in partial fulfillment of the
requirement for the award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

by

- 1. Avila Francina D (2019P05)**
- 2. Balameena S(2019P06)**
- 3. Keerthana J (2019P18)**
- 4. Nandhinipriya U (2019P21)**
- 5. Rifca R (2019P28)**

Under the Guidance of

Dr.I.Jeya Sheela,

Assistant Professor,

Research Centre of physics,

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FATIMA COLLEGE (AUTONOMOUS), MADURAI
(Affiliated to MADURAI KAMARAJ UNIVERSITY)

(RE-ACCREDITED WITH 'A++' GRADE BY NAAC)


(74th Rank in India Ranking 2020 (NIRF) by MHRD)


Mary Land, MADURAI -625 018


MAY, 2022

CERTIFICATE

This is to certify that the project work 'WEATHER MONITORING SYSTEM' done by Avila Francina D(2019P05) , Balameena S (2019P06) , Keerthana J (2019P18) , Nandhinipriya U (2019P21) and Rifca R (2019P28) under the guidance of Dr.I.Jeya Sheela, Assistant Professor, Research Centre of Physics has been submitted for external viva-voce on 25.05.2022 at Fatima College (Autonomous),Madurai.


External Examiner


7/6/22
Guide


Head of the Department


DECLARATION

We hereby declare that the dissertation titled “**WEATHER MONITORING SYSTEM**”, submitted to Fatima College (Autonomous), Madurai -625018 to the award of degree of **Bachelor of Science in Physics** is a record of original project work carried out under the supervision of **Dr.I.Jeya Sheela , Assistant Professor, Research Centre of Physics, Fatima College (Autonomous), Madurai** and has not submitted for any degree or diploma in Madurai Kamaraj University or any Institution.



Avila Francina D

(Reg. No: 2019P05)



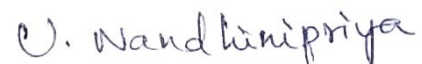
Balameena S

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Nandhini Priya U

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Rifca R

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PLACE: MADURAI

DATE: 25/05/2022

AUTOMATED BODY TEMPERATURE DETECTOR

A dissertation submitted in partial fulfillment of the requirement
for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

by

- 1. AISHWARYA S (2019P02)**
- 2. DIVYA N (2019P09)**
- 3. PRIYADHARSHINI M (2019P25)**
- 4. ROSINI C (2019P30)**
- 5. SALEITH EVANGELINE S (2019P32)**


Under the Guidance of
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Assistant Professor,
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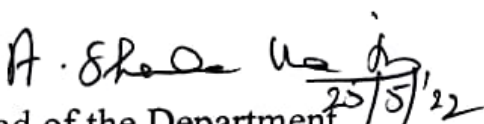
FATIMA COLLEGE (AUTONOMOUS), MADURAI
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CERTIFICATE

This is to certify that the project work 'AUTOMATED_BODY TEMPERATURE DETECTOR' done by AISHWARYA S (2019P02), DIVYA N (2019P09), PRIYADHARSHINI M (2019P25), ROSINI C (2019P30), SALEITH EVANGELINE S (2019P32) under the guidance of Dr. ANCEMMA JOSEPH, Assistant Professor, Research Centre of Physics has been submitted for external viva-voce on 25.05.2022 at Fatima College (Autonomous), Madurai.


External Examiner


Guide


Head of the Department 25/5/22

DECLARATION

We hereby declare that the dissertation titled "AUTOMATED BODY TEMPERATURE DETECTOR", submitted to Fatima College (Autonomous), Madurai-625018 for the award of degree of **Bachelor of Science in Physics** is a record of original project work carried out under the supervision of **Dr.ANCEMMA JOSEPH Assistant Professor, Research Centre of Physics, Fatima College (Autonomous), Madurai** and has not submitted for any degree or diploma in Madurai Kamaraj University or any Institution.


AISHWARYA S

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PEOPLE COUNTING SYSTEM

A dissertation submitted in partial fulfillment of the
Requirement of the award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

By

1. N.S.ISHWARIYA RANI (2019P12)
2. A.K.SHERLINE REGISHMA (2019P35)
3. S.SUBASHINI (2019P37)
4. B.SUMITHRA (2019P38)
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Assistant Professor,

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FATIMA COLLEGE (AUTONOMOUS), MADURAI

(Affiliated to **MADURAI KAMARAJ UNIVERSITY**)

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(74th Rank in India Ranking 2020 (NIRF) by MHRD) Mary

Land, Madurai-625018


MAY 2022

CERTIFICATE

This is to certify that the project work "**PEOPLE COUNTING SYSTEM**" done by **IshwariyaRani NS (2019P12)**, **Sherline Regishma AK (2019P35)**, **Subashini S (2019P37)**, **Sumithra B (2019P38)**, **Vaisha SL (2019P42)** Under The Guidance Of Dr. R. JOTHI MANI, Assistant Professor, Research Centre of Physics has been submitted for external viva-voce on 25.05.2022 at Fatima College (Autonomous), Madurai.


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Head of the Department 25/5/22

DECLARATION

We hereby declare that the dissertation titled "PEOPLE COUNTING SYSTEM", submitted to Fatima College (Autonomous), Madurai-625018 for the award of degree of **BACHELOR OF SCIENCE IN PHYSICS** is record of original project work carried out under the supervision of **Dr. R. JOTHIMANI, Assistant Professor, Research Centre of Physics, Fatima College (Autonomous), Madurai** and has not submitted for any degree or diploma in Madurai Kamaraj University or any Institution.

N.S. Ishwariya Rani
N.S. ISHWARIYA RANI
(Reg. No: 2019P12)

A.K. Sherline Regishma
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B. SUMITHRA
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S.L. Vaisha
S.L. VAISHA
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Place: Madurai

Date: 25.05.2022

DIGITAL NOTICE BOARD

A dissertation submitted in partial fulfillment of the
requirement for the award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

by

1. Kaleeswari S (2019P17)
2. Parvathavarthini S (2019P22)
3. Shivadharini M (2019P36)
4. Yogadharshini M (2019P43)
5. Jeswil S (2019P44)

Under the Guidance of

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FATIMA COLLEGE (AUTONOMOUS), MADURAI

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Mary Land, MADURAI -625 018

MAY, 2022

CERTIFICATE

This is to certify that the project work 'DIGITAL NOTICE BOARD' done by Kaleeswari S (2019P17), Parvathavarthini S (2019P22), Shivadharini M (2019P36), Yogadharshini M (2019P43), Jeswil S (2019P44) under the guidance of Ms. I Janet sherly, Assistant Professor, Research Centre of Physics has been submitted for external viva-voce on 25.05.2022 at Fatima College (Autonomous), Madurai.

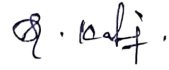
P. Muthu
External Examiner
25.5.22

Dr. J. S.
Guide 25/5/22

A. S. S. S.
Head of the Department 25/5/22

DECLARATION

We hereby declare that the dissertation titled “**DIGITAL NOTICE BOARD**”, submitted to Fatima College (Autonomous), Madurai -625018 to the award of degree of **Bachelor of Science in Physics** is a record of original project work carried out under the supervision of **Ms.I.Janet Sherly Assistant professor, Research Centre of Physics, Fatima College (Autonomous), Madurai** and has not submitted for any degree or diploma in Madurai Kamaraj University or any Institution.



Kaleeswari S

(Reg. No: 2019P17)



Parvathavarthini S

(Reg No:2019P22)



Shivadharini M

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YogadharshiniM

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Jeswil S

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PLACE: MADURAI

DATE: 25/05/2022

GAS LEAKAGE DETECTOR

**A dissertation submitted in partial fulfillment of the
requirement for the award of the degree of
BACHELOR OF SCIENCE IN PHYSICS**

by

1. Anu C (2019P04)

2. Rebekal S (2019P26)

3. Remy B S (2019P27)

4. Sabarnikka C (2019P31)

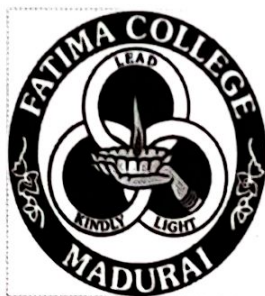
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**FATIMACOLLEGE (AUTONOMOUS), MADURAI
(Affiliated to MADURAI KAMARAJ UNIVERSITY)
(RE -ACCREDITED WITH 'A++' GRADE BY NAAC)
(74th Rank in India Ranking 2020 (NIRF) by MHRD)**

Mary Land, MADURAI-625018

JUNE 2022

CERTIFICATE

This is to certify that the project work 'GAS LEAKAGE DETECTOR' done by Anu C (2019P04), Rebekal S (2019P26), Raxy B S(2019P27), Sabarnikka C (2019P31), Under the guidance of Ms. J. R. Sofia, Assistant Professor, Research Centre of Physics has been submitted for external viva-voce on 06.06.2022 at Fatima College (Autonomous), Madurai.


External Examiner


Guide


Head of the Department

DECLARATION

We here by declare that the dissertation titled "GAS LEKAGE DETECTOR", submitted to Fatima College (Autonomous), Madurai -625018 to the award of degree of Bachelor of Science in Physics is a Record of original project work carried out under the super vision of Ms. J. R. Sofia, Assistance Professor, Research Centre of Physics, Fatima College (Autonomous), Madurai and has not submitted for any degree or diploma in Madurai Kamaraj University or any Institution.

Anu. C

Anu C

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Rebekal S

(RegNo:201926)

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Rexy B S

(RegNo:2019P27)

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Sabarnikka C

(RegNo:2019P31)

PLACE: MADURAI

DATE: 06/06/2022

GARBAGE MONITORING SYSTEM

A dissertation submitted in partial fulfillment of the
requirement for the award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

by

1.Dharshini J(2019P07)

2.Poongodi T(2019P23)

3.Susan Keziah A(2019P39)

4.Jeyameena P(2019P46)

Under the Guidance of

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FATIMA COLLEGE (AUTONOMOUS), MADURAI

(Affiliated to MADURAI KAMARAJ UNIVERSITY)

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Mary Land, MADURAI -625 018

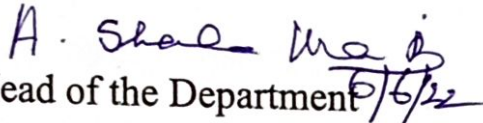
JUNE, 2022

CERTIFICATE

This is to certify that the project work 'GARBAGE MONITORING SYSTEM' done by Dharshini J (2019P07) , Poongodi T (2019P23) , Susan Keziah A (2019P39) and Jeyameena P (2019P46) under the guidance of Dr.R.Jothi Mani , Assistant Professor, Research Centre of Physics has been submitted for external viva-voce on 06.06.2022 at Fatima College (Autonomous),Madurai.

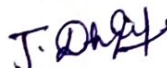

External Examiner



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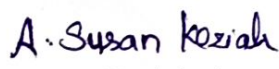

Head of the Department 6/6/22

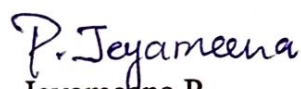
DECLARATION

We hereby declare that the dissertation titled "**GARBAGE MONITORING SYSTEM**", submitted to Fatima College (Autonomous), Madurai -625018 to the award of degree of **Bachelor of Science in Physics** is a record of original project work carried out under the supervision of Dr.R. Jothi Mani, **Assistant Professor, Research Centre of Physics, Fatima College (Autonomous), Madurai** and has not submitted for any degree or diploma in Madurai Kamaraj University or any Institution.


Dharshini J
(2019P07)


Poongodi T
(2019P23)


Susan Keziah A
(2019P39)


Jeyameena P
2019P46

PLACE: MADURAI

DATE: 06/06/2022

PATIENT HEALTH MONITORING SYSTEM

A dissertation submitted in partial fulfillment of the
requirement for the award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

by

DHIYASHREE M (2019P08)

DONISHA JENET D (2019P10)

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FATIMA COLLEGE (AUTONOMOUS), MADURAI
(Affiliated to MADURAI KAMARAJ UNIVERSITY)

(RE-ACCREDITED WITH 'A++' GRADE BY NAAC)

(74th Rank in India Ranking 2020 (NIRF) by MHRD)

Mary Land, MADURAI -625 018

MAY, 2022

CERTIFICATE

This is to certify that the project work 'PATIENT HEALTH MONITORING SYSTEM' done by **Dhiyashree M(2019P08)**, **Donisha Jennet D(2019P10)**, **Geethanjali S(2019P11)**, **Susmitha N(2019P40)**, Under the guidance of **Dr.Ancemma Joseph** , Assistant Professor, Research Centre of Physics has been submitted for external viva-voce on 25.05.2022 at Fatima College (Autonomous), Madurai.


External Examiner


Guide


Head of the Department 6/6/22

DECLARATION

We hereby declare that the dissertation titled "**PATIENT HEALTHMONITORING SYSTEM**", submitted to Fatima College (Autonomous), Madurai -625018 to the award of degree of **Bachelor of Science in Physics** is a record of original project work carried out under the supervision of **Dr. Ancemma Joseph**, Assistant Professor, Research Centre of Physics, Fatima College (Autonomous), Madurai and has not submitted for any degree or diploma in Madurai Kamaraj University or any Institution

Dhiyashree . M

Dhiyashree M

Donisha Jenet

Donisha Jenet.D

S. Geethanjali

Geethanjali.S

Susmitha . N

Susmitha.N

PLACE: MADURAI

DATE: 25/05/2022

CAMERA SURVEILLANCE ROBOT

A dissertation submitted in partial fulfillment of the

Requirement of the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

By

1.T. ANNIE VARSHA SHARON-2019P03

2.R. JEEVITHA -2019P13

3.J. ROSARIA LIVROLA RAYAN-2019P29

4.P.G.SRI HARINI-2019P45

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FATIMA COLLEGE (AUTONOMOUS), MADURAI

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(74th Rank in India Ranking 2020 (NIRF) by MHRD)

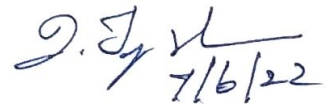
Mary Land, Madurai – 625018.

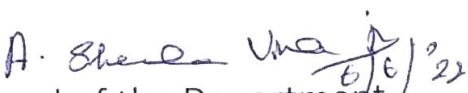
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This is to certify that the project work "CAMERA SURVEILLANCE ROBOT" done by T. ANNIE VARSHA SHARON-2019P03, R. JEEVITHA - 2019P13, J. ROSARIA LIVROLA RAYAN-2019P29, P.G. SRI HARINI- 2019P45 Under the guidance of Dr. I. Jeya Sheela, ASSISTANT Professor, Research Centre of Physics has been submitted for external viva-voce on 02.06.2022 at Fatima College (Autonomous), Madurai.

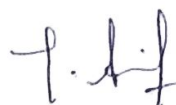

External Examiner


Guide


Head of the Department

DECLARATION

We hereby declare that the dissertation titled
“CAMERA SURVEILLANCE ROBOT”, submitted to Fatima College
(Autonomous), Madurai-625018 for the award of degree of **BACHELOR OF
SCIENCE IN PHYSICS** is record of original project work carried out under the
supervision of **Dr. I. JEYA SHEELA, Assistant Professor, Research Centre of
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T. ANNIE VARSHA SHARON

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R. JEEVITHA

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J. ROSARIA LIVROLA RAYAN

(Reg. No. 2019P29)



P.G. SRI HARINI

(Reg. No. 2019P45)

place:Madurai
Date:02.06.2022

WOMEN SAFETY BAND

A dissertation submitted in partial fulfillment of the requirement for
the award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

by

1.Ahashine. A (2019P01)

2.Jeno. S (2019P14)

3.Shelin Milani Selcia. J (2019P34)

4.Thisha. T. S (2019P41)

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FATIMA COLLEGE (AUTONOMOUS), MADURAI
(Affiliated to MADURAI KAMARAJ UNIVERSITY)

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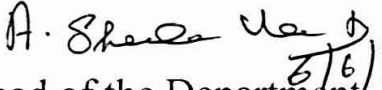
June,2022

CERTIFICATE

This is to certify that the project work 'WOMEN SAFETY BAND
'done by A. Ahashine (2019P01), S. Jeno (2019P14), J. Sherlin
Milani Selcia (2019P34), T.S. Thisha (2019P41) under the guidance
of Ms.J.R. Sofia, Assistant professor, Research centre of Physics has
been submitted for external Viva-voice on 6.6.2022 at Fatima college
(Autonomous), Madurai.


External Examiner


Guide


Head of the Department 6/6/22

DECLARATION

We hereby declare that the dissertation titled “WOMEN SAFETY BAND”, submitted to Fatima College (Autonomous), Madurai -625018 to the award of degree of **Bachelor of Science in Physics** is a record of original project work carried out under the supervision of **Ms.J.R. Sofia, Assistant Professor, Research Centre of Physics, Fatima College (Autonomous), Madurai** and has not submitted for any degree or diploma in Madurai Kamaraj University or any Institution.

A. Ahashine

Ahashine A

(Reg. No: 2019P01)

S. Jeno S

Jeno S

(Reg No:2019P14)

J. Sherlin Milani Selcia

Sherlin Milani Selcia J

(Reg No: 2019P34)

Thisha

Thisha T.S

(Reg No: 2019P41)

PLACE: MADURAI

DATE: 06/06/2022

HYDROPHONIC MONITORING SYSTEM

A dissertation submitted in partial fulfillment of the
requirement for the award of the degree of
BACHELOR OF SCIENCE IN PHYSICS

by

1. Joshini H (2019P16)

2. Manjuparkavi R(2019P19)

3. Serina Roses A(2019P33)

Under the Guidance of

Ms.I.Janet sherly

Assistant Professor, Research Centre of physics,
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FATIMA COLLEGE (AUTONOMOUS), MADURAI

(Affiliated to MADURAI KAMARAJ UNIVERSITY)

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(74th Rank in India Ranking 2020 (NIRF) by MHRD)


Mary Land, MADURAI -625 018


May, 2022

CERTIFICATE

This is to certify that the project work 'HYDROPHONIC
MONITORING SYSTEM' done by **Joshini H
(2019P16), Manjuparkavi R(2019P19), Serina Roses A(2019P33)**
Under the guidance of Ms.I.Janet Sherly Assistant Professor, Research
Centre of Physics has been submitted for external viva-voce on
25.05.2022 at Fatima College (Autonomous), Madurai.


External Examiner


Guide


Head of the Department 25/5/22

DECLARATION

We hereby declare that the dissertation titled “**HYDROPHONIC MONITORING SYSTEM**”, submitted to Fatima College (Autonomous), Madurai -625018 to the award of degree of **Bachelor of Science in Physics** is a record of original project work carried out under the supervision of **Ms.L.Janet sherly** , Assistant Professor, Research Centre of Physics, Fatima College (Autonomous), Madurai and has not submitted for any degree or diploma in Madurai Kamaraj University or any Institution.

H. Joshini
Joshini H(2019P16)

R. Manjuparkavi
Manjuparkavi R(2019P19)

A. Serina Roses
Serina Roses A(2019P33)

PLACE: MADURAI

DATE: 25/05/2022