

SMART FOOD ORDERING SYSTEM

Project report submitted

In partial fulfillment of the requirements of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

MUDIT DUBEY

(1501040001)

Under the Supervision of

Ms. PUJA ACHARYA

(Assistant Professor)



School of Engineering and Technology

K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA,

INDIA

MAY, 2019

Registrar

K.R. Mangalam University
Sector Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled "SMART FOOD ORDERING SYSTEM", by the following student:

Name of the Student

Roll Number

Mudit Dubey

1501040001

has been carried out under our supervision and that this work has not been submitted elsewhere for a degree.


Ms. Puja Acharya

Assistant Professor,
Electronics & Communication Department,
K R Mangalam University, Gurugram, Haryana, India


Registrar

K. R. Mangalam University
Sector Road, Gurugram, (Haryana)

DECLARATION

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

(Names of the student)

(Roll No.)

(Signature)

Mudit Dubey

1501040001

Date: 14/05/19


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K. B. Mangalam University
Sohna Road, Gurugram, (Haryana)

APPROVAL SHEET

This project report entitled **SMART FOOD ORDERING SYSTEM** by **Mudit Dubey** is approved for the degree of **B. Tech (Electronics & Communication Engineering)**, School of Engineering and Technology.

DEAN
School of Engineering & Technology (SOET)
K.R. Mangalam University,
Sohna road, Gurugram
Haryana 122103
Prof. (Dr.) Ranjit Varma

Dean (SOET)

Supervisor 

Ms. Puja Acharya (Assistant Professor, ECE, SOET)

Date: 14/05/19

Place: Gurugram


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

IoT BASED GARBAGE MONITORING SYSTEM

Project report submitted

In partial fulfillment of the requirements of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

NAMIT AGGARWAL

(1501040004)

Under the Supervision of

Ms. PUJA ACHARYA

(Assistant Professor)



School of Engineering and Technology

K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA,

INDIA

MAY, 2019

Jm
Registrar
K.R. Mangalam University
Solina Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled "IoT BASED GARBAGE MONITORING SYSTEM," by the following student:

Name of the Student

Roll Number

Namit Aggarwal

1501040004

has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.




Ms. Puja Acharya

Assistant Professor,

School of Engineering and Technology,

K R Mangalam University, Gurugram, Haryana, India



Registrar

K.R. Mangalam University
Gajna Road, Gurugram, (Haryana)

DECLARATION

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

(Names of the student)

(Roll No.)

Namit Aggarwal
(Signature)

Namit Aggarwal

1501040004


Date: 14/05/2019

||

Jmf
Registrar
K.R. Mangalam University
Salwa Road, Gurugram, (Haryana)

APPROVAL SHEET

This project report entitled **IoT BASED GARBAGE MONITORING SYSTEM** by **Namit Aggarwal** is approved for the degree of **B. Tech (Electronics & Communication Engineering)**, **School of Engineering and Technology**.

 DEAN
School of Engineering & Technology (SOET)
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Sohna road, Gurugram
Haryana 122103
Prof. (Dr.) Ranjit Varma

Dean (SOET)


Supervisor

Ms. Puja Acharya (Assistant Professor, ECE, SOET)

Date: 14/5/19.

Place: Gurugram


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

IoT BASED SMART SHOPPING TROLLEY

Project report submitted

In partial fulfillment of the requirements of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

DIPTI MALIK

(1501040005)

Under the Supervision of

Ms. PUJA ACHARYA

(Assistant Professor)



School of Engineering and Technology

K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA,

INDIA

MAY, 2019

Registrar
K.R. Mangalam University
Gohna Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled " IoT BASED SMART SHOPPING TROLLEY," by the following student:

Name of the Student

Roll Number

Dipti Malik

1501040005

has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.



Ms. Puja Acharya

Assistant Professor,

School of Engineering and Technology,

K R Mangalam University, Gurugram, Haryana, India



Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

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(Names of the student)

(Roll No.)

(Signature)

Dipti Malik

1501040005

Dipti

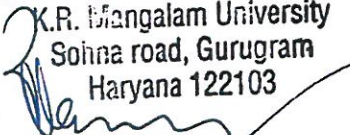
Jmf

Registrar
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Sohna Road, Gurugram, (Haryana)

Date: 14/05/2019

APPROVAL SHEET

This project report entitled **IoT BASED SMART SHOPPING TROLLEY** by **Dipti Malik** is approved for the degree of **B. Tech (Electronics & Communication)**, **School of Engineering and Technology**.

DEAN
School of Engineering & Technology (SOET)
K.R. Mangalam University
Sohna road, Gurugram
Haryana 122103

Prof. (Dr.) Ranjit Varma

Dean (SOET)


Supervisor

Ms. Puja Acharya (Assistant Professor, ECE, SOET)

Date : 14/05/2019

Place: Gurugram


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

UNMANNED AERIAL VEHICLE (DRONE) IN QUAD-COPTER AND HEXA-COPTER CONFIGURATION

Project report submitted

In partial fulfilment of the requirements of the degree of

Bachelor of Technology

in

Electronics and Communication Engineering

by

BHAVIKA BATRA
DHRUV SANORIA
ANUBHAV SHARMA

Under the Supervision of

Ms Puja Acharya



SCHOOL OF ENGINEERING AND TECHNOLOGY

K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA,
INDIA

JUNE, 2020

Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled " UNMANNED AERIAL VEHICLE (DRONE) IN QUAD-COPTER AND HEXA-COPTER CONFIGURATION," by the following students:

Name of the Student	Roll Number
BHAVIKA BATRA	1601040001
DIRUV SANORIA	1601040005
ANUBHAV SHARMA	1501040008

has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.


Ms Puja Acharya,

Designation,

SCHOOL OF ENGINEERING AND TECHNOLOGY

K R Mangalam University, Gurugram, Haryana, India

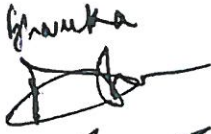
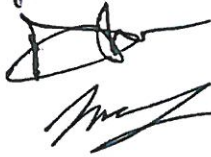


Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

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(Name(s) of the student)	(Roll No.)	(Signature)
BIHAVIKA BATRA	1601040001	
DHRUV SANORIA	1601040003	
ANUBHAV SHARMA	1501040008	



Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

APPROVAL SHEET

This project report entitled UNMANNED AERIAL VEHICLE (DRONE) IN QUAD-COPTER AND HEXA-COPTER CONFIGURATION by (BHAVIKA BATRA, DHRUV SANORIA, ANUBHAV SHARMA) is approved for the degree of B.Tech (Electronics and Communication Engineering), School of Engineering and Technology.


DEAN
School of Engineering & Technology (SOET)
K.R. Mangalam University
Sohna road, Gurugram
Haryana 122103
Dr. Vinod Dhatya

Supervisor


Ms Puja Acharya

Date :

Place: Gurugram


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

Face Recognition & Detection

Project report submitted

In partial fulfilment of the requirements of the degree of

Bachelor of Technology

in

Electronics and Communication Engineering

by

Yash Yadav

Under the Supervision of

Ms Puja Acharya



SCHOOL OF ENGINEERING AND TECHNOLOGY

**K R MANGALAM UNIVERSITY, GURUGRAM, HARYANA,
INDIA**

JUNE, 2021

Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

DECLARATION

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

(Name(s) of the student)

(Roll No.)

(Signature)

Yash Yadav

1701040003

Date: 15-6-2021

Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

ACKNOWLEDGEMENT

It gives me immense pleasure to express my deepest sense of gratitude and sincere thanks to my highly respected and esteemed guide (Ms. Puja Acharya), for his/their valuable guidance, encouragement and help for completing this work. His/Their useful suggestions for this whole work and co-operative behaviour are sincerely acknowledged.

I would like to express my sincere thanks to Dr. Vineet Dhaiya, KRMU for giving me this opportunity to undertake this project. I would also like to thank Ms. Puja Acharya for wholehearted support.


I also wish to express my gratitude to (Mrs. Charu Singh) for his kind-hearted support. I am also grateful to my teachers Mrs. Minakshi Katoch for their constant support and guidance

I also wish to express my indebtedness to my parents as well as my family member whose blessings and support always helped me to face the challenges ahead.

At the end I would like to express my sincere thanks to all my friends and others who helped me directly or indirectly during this project work.

Place: Gurugram

Date: 15-6-2021


Student Name: - Yash Yadav

Roll Number: - 1701040003


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled "Face Recognition and Detection," by the following students:

Name of the Student

Roll Number

Yash Yadav

1701040003

has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.



Ms Puja Acharya,

Designation,

SCHOOL OF ENGINEERING AND TECHNOLOGY

K R Mangalam University, Gurugram, Haryana, India



Registrar

K R Mangalam University
Sector Road, Gurugram, (Haryana)

AUTONOMOUS DRONE

Project report submitted

In partial fulfilment of the requirements of the degree of

Bachelor of Technology

in

ELECTRONICS & COMMUNICATION ENGINEERING

By

RAHUL K ANIL, 1901041006

DIWAKAR BAGHEL, 1801040004

LAKSHAY PRASAD NIMWAL, 1901041005

Under the Supervision of

Ms. PUJA ACHARYA

(Assistant Professor)



ELECTRONICS & COMMUNICATION ENGINEERING

K.R. MANGALAM UNIVERSITY, GURUGRAM, HARYANA,

INDIA

JUNE 2022

Handwritten signature
Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled "AUTONOMOUS DRONE" by the following students:

Name of the Student	Roll Number
RAHUL K ANIL	1901041006
DIWAKAR BAGHEL	1801040004
LAKSHAY PRASAD NIMWAL	1901041005

has been carried out under my/our supervision and that this work has not been submitted elsewhere for a degree.


(Supervisor Signature)

Ms. Puja Acharya,
Assistant Professor,
Department of Electronics & Communication,
K.R. Mangalam University, Gurugram, Haryana, India


Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

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(Name(s) of the student)

(Roll No.)

(Signature)

RAHUL K ANIL

1901041006

Rahul

DIWAKAR BAGHEL

1801040004

Diwakar

LAKSHAY PRASAD NIMWAL

1901041005

Lakshay

Date: 24.06.2022


J.P.

Registrar

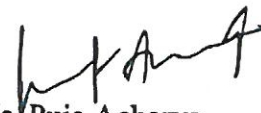
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

APPROVAL SHEET

This project report entitled **AUTONOMOUS DRONE** by **RAHUL K ANIL, DIWAKAR BAGHEL & LAKSHAY PRASAD NIMWAL** is approved for the degree of **B. Tech Electronics & Communication, School of Engineering and Technology.**


Dean (SOET)

DEAN
School of Engineering & Technology (SOET)
K.R. Mangalam University
Sohna road, Gurugram
Haryana 122103


Ms. Puja Acharya,
Assistant Professor,

Department of Electronics & Communication

Date: 24-06-2022

Place: GURUGRAM


Registrar
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