"Experimental Study Of Translucent Concrete"

Project report submitted in partial fulfillment of requirement for the degree

of

Bachelor of Technology

in

Civil Engineering

Satyam singh -18SETBTCE3005
Shubham Yadav -18SETBTCE3084
Tanveer Alam -18SETBTCE3014
Jaideep Singh Sidhu -18SETBTCE3010

Mr. Mayank rai (I/C and Assistant Photosopic Civil Engineering Department



DEPARTMENT OF CIVIL ENGINEERING

Plot No - 1. Sector - 17 A. Yamuna Expressway. Gautam Budh Nagar, Uttar Pradesh - 201310 June - 2022

DECLARATION

hereby certify that the work which is being presented in B. Tech. Project Report entitled "Experimental Study Of Translucent Concrete" in partial fulfillment of the requirement for the degree of Bachelor of Technology in Civil Engineering, submitted to the Department of Civil Engineering of Noida International University, Plot No-1, Sector-17A, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh- 201310, is an authentic record of my own work carried out during a period from Oct 2021 to Jun 2022 under the supervision of Mr. Mayank rai (Coordinator I/C and Assistant Professor) Civil Department.

The matter presented in this project report has not been submitted by us for the award of any other degree elsewhere.

Satyam Singh (BT/CE/1801/007)

Shubham Yadav (BT/CE/1801/010)

Tanveer Alam (BT/CE/1801/009)

Jaideep Singh Sidhu (BT/CE/1801/012)

Lisem Atsongchanger (BT/CE/1801/004)

This is to certify that this project report entitled "Experimental Study Of Translucent Concrete" by Satyam Singh (BT/CE/1801/007) submitted in partial fulfillment of the requirements for the degree of Bachelor of Technology in BRANCH OF CIVIL ENGINEERING of the Noida International University, Greater Noida, during the academic year 2021-22, is a bonafide record of work carried out under my guidance and supervision.

To the best of my knowledge and belief, this is the original work and has not been submitted for

any other degree in any other university

Mr. MAYANK RAI

(PROJECT COORDINA

SIGNATUR

HEAD OF DEPARTMENT

DATE

20 07/22.

PLACE

Roofing tiles using Tyre dust & RHS waste

Project report submitted

in partial fulfillment of requirement for the degree

of

Bachelor of Technology

in

CIVIL ENGINEERING

Name of the student(s)
Avinash kumar bhardwaj (BT/CE/1802/004)
KUMAR SANU SINGH (BT/CE/1801/003)
ABHISHEK (BT/CE/1801/016)

Name of theSupervisor
Mr. LAKSHMIKANT RANA
(Assistant professor)



DEPARTMENT OF CIVIL ENGINEERING

Plot No. - 1, Sector - 17 A, Yamuna Expressway, Gautam Budh Nagar, Uttar
Pradesh - 201310 06/2022

DECLARATION

I hereby certify that the work which is being presented in B. Tech. Project Report entitled "ROOFING TILES USING TYRE DUST & RHA WASTE", in partial fulfillment of the requirement for the degree of Bachelor of Technology in Civil Engineering, submitted to the Department of Civil Engineering of Noida International University, Plot No-1, Sector-17A, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh-201310, is an authentic record of my own work carried out during a period from 2021 to feb 2022 under the supervision of MR. LAKSHMIKANT RANA (Assistant professor) Civil Department.

The matter presented in this project report has been submitted by me for the award of any other degree elsewhere.

- Avinash kumar bhardwaj
 (BT/CE/1802/004)
- 2) KUMAR SANU SINGH (BT/CE/1801/003)
- 3) ABHISHEK (BT/CE/1801/016)

This is to certify that Mr. AVINASH KR. BHARDWAJ S/o Mr.KRISHNA KR. PANDEY Enrollment No. 19044031012P Roll No. BT/CE/1802/004 Mr. Kumar Sanu Singh S/o Mr. Rajendra Singh Rajput Enrollment No. 18SETBTCE3061. Roll No. BT/CE/1802/003 Mr. ABHISHEK S/o Mr. OM PRAKASH Enrollment No. 18SETBTCWE3093 Roll No. BT/CE/1802/016, has worked on ROOFING TILES USING TYRE DUST & RHA WASTE. This project is part of partial fulfillment of requirements for the degree of Bachelor in Technology in Civil Engineering To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 20 07/22.
Place Gr. Mvida.

Signature of Supervisor

LAKSHMIKANT RANA

Signature of Head of the Department

Title of the Project

Fly Ash Brick with Use of Tire Dust

Bachelor of Technology

In

Civil Engineering

Name of the Student(s)

Enrollment No.

Mirza Muneer Baig 19044031011P Name of Supervisor Mr. Mayank Rai (Assistant Professor)

Ariz Ali 19044031001P

Sugam Pandey 18SETBTCE3101

Alizama 18SETBTCE3103

Mohd Zaid Choudhary 18SETBTCE3042



DEPARTMENT OF CIVIL ENGINEERING
PLOT NO – 1, SECTOR – 17A, YAMUNA EXPRESSWAY
Gautam Budh Nagar, Uttar Pradesh – 201301
Session 2018-2022



CERTIFICATE

This is to certify that Mirza Muneer Baig, Ariz Ali, Sugam Pandey, Mohd Zaid choudhary and Alizama has worked for the fulfillment of award in Bachelor of Technology in Civil Engineering during session 2018-2022 in Noida International University, Gautam Budh Nagar Uttar Pradesh under my Supervision and Guidance on the topic "Fly Ash Brick with Use of Tire Dust". I also certified that the candidates work is original and genuine. Further in Habit and Character the candidates are a fit and proper person for the award for the degree of Bachelor of Technology in Civil Engineering.

Date: June 2022

Mr. Mayank Rai

Signature of

HOD & Assistant Professor,

Dept. of Civil Engineering

Noida International University

Date: 90 July 2022.
Place: Greater Noida, UP (India)



Department of Civil Engineering DECLARATION

I declare that the present work presented in this project work entitled "Fly Ash Brick with Use of Tire Dust" is the outcome of my own bonafide work and is correct to the best of my knowledge and this work has been undertaken care of all the engineering ethics. I also declare that this written submission represent my original ideas. I also 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 project submission. I understand that any violation of the above can cause disciplinary action against me by the university and can also evoke panel action from the source which has thus not been properly cited or from who proper permission has not been taken when needed.

Date: June 2022

BT/CE/1802/003
Ariz ali
BT/CE/1802/001
Sugam Pandey
BT/CE/1801/008
Mohd Zaid choudhary
BT/CE/1801/013
Alizama

BT/CE/1801/011

Mirza Muneer Baig

SCHOOL OF ENGINEERING AND TECHNOLOGY

PROJECT REPORT

SESSION:2018-2022

CHILD SAFETY IN A SMART HOME USING ARDUINO -UNO

Project Report submitted in partial of the requirement of degree of Bachelor of Technology

in

COMPUTER SCIENCE AND ENGINEERING

PREPARED BY

Simon Simon

Julara Abbs

All Mohamasain

Kilaru Sarkunak (31) SW WWW.

Ahmad Amida Shires 4002

Guided By

Dr Arjit Tomar



Dept. Computer Science and Engineering
School of Engineering and Technology,
NOIDA INTERNATIONAL UNIVERSITY

amuna Express way Greater Noida, UP 203201

SCHOOL OF ENGINEERING AND TECHNOLOGY

PROJECT REPORT SESSION:2018-2022

CHILD SAFETY IN A SMART HOME USING ARDUINO -UNO

Project Report submitted in partial of the requirement of degree of

Bachelor of Technology

in

COMPUTER SCIENCE AND ENGINEERING

PREPARED BY

Student Names

Roll NO.

Umara Abba

BT/CS/1801/013

Guided By

Ali Mohammed

BT/CS/1801/003

Dr Arjit Tomar

Kilaru Sai Kumar

BT/CS/1801/021

Ahmad Walid

BT/CS/1801/002



Dept. Computer Science and Engineering, School of Engineering and Technology. NOIDA INTERNATIONAL UNIVERSITY

Yamuna Express way, Greater Noida, UP 203201

This is to certify that:

Mr./Ms. Umara S/D/o Abba Abubakar Enrolment No. 18SETBTCS3052 Roll No.

BT/CS/1801/013

Mr./Ms. Ahmad Walid S/D/o Shir Mohammad Enrolment No.18SETBTCS3002

Roll No. BT/CS/1801/002

Mr./Ms. Ali Mohammed S/D/o Mohammed Kyari Enrolment No.18SETBTCS3053

Roll No. BT/CS/1801/003

Mr./Ms. Kilaru Sai Kumar S/D/o Kilaru Ramalimgaiah Enrolment

No. 18SETBTCS3043 Roll No. BT/CS/1801/021

has worked on CHILD SAFETY IN A SMART HOME USING ARDUINO

This project is part of partial fulfillment of requirement for the degree of Bachelor in Technology in COMPUTER SCIENCE AND ENGINEERING

To the best of my knowledge and belief, this is the original work and has not been Submitted for any other degree in any other university.

Date: 14/6/2022

Place: Noida International University

Signature of Guide

Signature of HOD

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session: 2022

FACE DETECTION SECURITY SYSTEM

Project Report submitted in partial of the requirements of degree of Bachelor of Technology in Computer Science Engineering

Prepared By

Ritik Raj BT/CB/1702/001

Puriet Singh BT/CE/1721/017

Naitick Raj BT/CS/1801/017

Guided by

Ms. Jayati Mukherjee



Computer and Science Engineering School of Engineering and Technology, NOIDA INTERNATIONAL UNIVERSITY Yamuna Express Way, Greater Noida, UP

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session: 2022

FACE DETECTION SECURITY SYSTEM

Project Report submitted in partial of the requirements of degree of Bachelor of Technology in Computer Science Engineering

Prepared By

Guided by

Ritik Raj Naitick Raj

BT/CS/1702/001 Puneet Singh BT/CS/1701/017 BT/CS/1801/017

Ms. Jayati Mukherjee



Computer and Science Engineering School of Engineering and Technology, NOIDA INTERNATIONAL UNIVERSITY Yamuna Express Way, Greater Noida, UP

This is to certify that Mr. Ritik Raj S/o Ajay Kumar Roll No. BT/CS/1702/001 and Puneet Singh S/O- Manoj Kumar Singh Roll No. BT/CS/1701/017 and Naitick Raj S/O- Randeer Kumar Singh Roll No. BT/CS/1801/017 has worked on Face Detection Security System. This project is part of partial fulfillment of requirement for the degree of Bachelor in Technology in Computer and Science Engineering.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 14.06.2022
Place: Noida International University

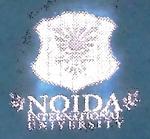
Signature of Gu

Signature of Guide

Signature of Head of the Department

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session :2018-2022



SENTIMENTS AND EMOTIONS ANALYSIS USING DEEP LEARNING MODEL

Project Report submitted in partial of the requirements of degree of

Bachelor of Technology

in

Computer Science & Engineering

Prepared By-

Ashish Chauhan BT/CS/1801/005 Pankhuri Srivastava BT/CS/1801/007 Aadesh Kumar Mathur BT/CS/1801/001 Guided by-

Dr. Harish Kumar Taluja Director (SET)

Dept. Of Computer Science & Technology, School of Engineering and Technology, NOIDA INTERNATIONAL UNIVERSITY Yamuna Express Way, Greater Noida, UP -203201

NOIDA INTERNATIONAL UNIVERSITY SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session :2018-2022



SENTIMENTS AND EMOTIONS ANALYSIS USING DEEP LEARNING MODEL

Project Report submitted in partial of the requirements of degree of Bachelor of Technology in

Computer Science & Engineering

Prepared By-

Ashish Chauhan BT/CS/1801/005 Pankhuri Srivastava BT/CS/1801/007 Aadesh Kumar Mathur BT/CS/1801/001 Guided by-

Dr. Harish Kumar Taluja (Director (SET))

Dept. Of Computer Science & Technology, School of Engineering and Technology, NOIDA INTERNATIONAL UNIVERSITY Yamuna Express Way, Greater Noida, UP -203201

This is to certify that: Ms. Pankhuri Srivastava (BT/CS/1801/007) (18SETBTCS3008) D/o Late Mr. Santosh Kumar Srivastava, Mr. Ashish Chauhan (18SETBTCS3015) (BT/CS/1801/005) S/o Mr Ritesh Singh and Aadesh Kumar Mathur(18SETBTCS3134)(BT/CS/1801/001) S/o Mr. Sanjeev Kumar Mathur has worked on SENTIMENTS AND EMOTIONS ANALYSIS USING DEEP LEARNING MODEL. This project is part of partial fulfilment of requirement for the degree of Bachlor in Technology in Computer Science and Engineering

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 10 622 Place: G. Noida

Signature of Guide (DIRECTOR SET)

Signature of Head of Department

SCHOOL OF ENGINEERING AND TECHNOLOGY PROJECT REPORT SESSION: 2018-2022 IV YEAR VIII SEMESTER

AUTOMATIC FIRE EXTINGUISHER VEHICLE

PROJECT REPORT SUBMITTED IN PARTIAL OF THE REQUIREMENTS OF

DEGREE OF

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE & ENGINEERING

PREPARED BY
PRAJJWAL PRASAD BT/CS/1801/008
ANURAG RAJ BT/CS/1801/004

GUIDED BY
Mr. KUNWAR BABAR ALI
ASSISTANT PROFESSOR



DEPT. OF COMPUTER SCIENCE & ENGINEERING
SCHOOL OF ENGINEERING AND TECHNOLOGY
NOIDA INTERNATIONAL UNIVERSITY
YAMUNA EXPRESS WAY, GREATER NOIDA, UP-203201

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session: 2018-2022 IV year VIII Semester

Automatic Fire Extinguisher Vehicle

Project Report submitted in partial of the requirements of degree of
Bachelor of Technology
in
Computer Science & Engineering

Prepared By

Guided by

Prajjwal Prasad BT/CS/1801/008 Anurag Raj BT/CS/1801/004 Mr. Kunwar Babar Ali Assistant Professor



Dept.of Computer Science & Engineering, School of Engineering and Technology, NOIDA INTERNATIONAL UNIVERSITY Yamuna Express Way, Greater Noida, UP - 203201

This is to certify that:

Mr. Prajjwal Prasad S/o Smt. Sangita Benu Enrollment No. 18SETBTCS3121 Roll No. BT/CS/1801/008 and Mr. Anurag Raj Enrollment No. 18SETBTCS3054 Roll No. BT/CS/1801/004 has worked on Automatic Fire Extinguisher Vehicle. This project is part of partial fulfilment of requirement for the degree of Bachelor in Technology in Computer Science And Engineering.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 05/06/2022

Place: Noida

Signature of Guide

Signature of Head of the Department

NOIDA INTERNATIONAL UNIVERSITY SCHOOL OF ENGINEERING AND TECHNOLOGY

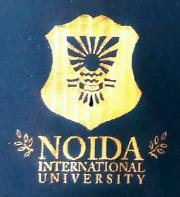
Project Report Session: 2022

3D DOCTOR

Project Report Submitted in partial fulfillment of the requirements of degree of Backeler of Technology in Computer Science Engineering

Prepared by Vishel Sherma (BT/CS/1801/011) Shivan Saraswet (BT/CS/1801/019) Jeswinder Singh (BT/CS/1801/086) Predyson Kuner (BT/CS/1801/014)

Guided by Ma. Snaha Mishra



Copt. of Computer Science & Engineering
NOIDA INTERNATIONAL UNIVERSITY
Plot No. 1 Sector 17-A Yemune Expressway Greater Noide Utter Pradesh
INDIA

NOIDA INTERNATIONAL UNIVERSITY SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session: 2022

3D DOCTOR

Project Report submitted in partial fulfillment of the requirements of degree of Bachelor of Technology in COMPUTER SCIENCE ENGINEERING

Prepared by

Vishal Sharma (BT/CS/1801/011) Shivam Saraswat (BT/CS/1801/010)

Jaswinder Singh (BT/CS/1801/006)

Pradyumn Kumar (BT/CS/1801/014)

Guided by

Ms. Sneha Mishra



Dept. of Computer Science & Engineering NOIDA INTERNATIONAL UNIVERSITY Plot No. 1, Sector 17-A, Yamuna Expressway, Greater Noida, UTTAR PRADESH INDIA

This is to certify that:

Mr. Shivam Saraswat S/o Arun Kumar Enrolment No. 18SETBTCS3089 Roll No. BT/CS/1801/010 has worked on "3D DOCTOR". This project is part of partial fulfilment of requirement for the degree of Bachelor in Technology in COMPUTER SCIENCE.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 14/06/2022
Place: Noide International
University

Signature of Guide

14.06.12 Signature of Head of Department

NOIDA INTERNATIONAL UNIVERSITY SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session: 2022

FACE MASK RECOGNIZER

Project Report submitted in partial of the requirements of degree of

Bachelor of Technology

in

COMPUTER SCIENCE ENGINEERING

Prepared By

Aditya Mudgal (FT CS 7807812), Mrinal Bharachtai (FT CS 7803045) Guided by

Ms.Jayati Mukherjee



Dept. of Computer Science and Engineering,
School of Engineering and Technology,
NOIDA INTERNATIONAL UNIVERSITY
Yamuna Express Was Greater Norda Uttar Pradush
INDIA

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session: 2022

FACE MASK RECOGNIZER

Project Report submitted in partial of the requirements of degree of Bachelor of Technology in

COMPUTER SCIENCE ENGINEERING

Prepared By

Aditya Mudgal

(BT/CS/1801/012) Mrinal Bharadwaj (BT/CS/1801/015) Guided by

Ms. Jayati Mukherjee



Dept. of Computer Science and Engineering, School of Engineering and Technology, NOIDA INTERNATIONAL UNIVERSITY Yamuna Express Way, Greater Noida, Uttar Pradesh **INDIA**

This is to certify that: Mr. Mrinal Bharadwaj S/o Mr. Shailendra Kumar Enrolment No. 18SETMTCS3068 Roll No. BT/CS/1801/015 has worked on Face Mask Recognizer. This project is part of partial fulfilment of requirement for the degree of Bachelor in Technology in Computer Science Engineering.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 14.06.2022
Place: Moida Informational Uninvity
Signature of Guide

Signature of Head of the Department

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report

Session: 2018-22

AADHAR CARD AND FINGERPRINT VOTING SYSTEM

PROJECT REPORT SUBMITTED IN PARTIAL OF THE REQUREMENTS
OF DEGREE of

Bachelor of Technology

in

ELECTRONICS AND COMMUNICATION ENGINEERING

Prepared By:

Guided By:

Satyam Pathak BT/EC/1801/002

Ms. Shivangi Bansal



Dept.of Electronics and communication Engineering School of Engineering and Technology, NOIDA INTERNATIONAL UNIVERSITY Yamuna Express Way, Greater Noida, U.P 203201

This is to certify that:

Mr. SATYAM PATHAK S/o Mr. SACHIDANAND PATHAK Enrollment No. 18SETBTCS3044 Roll No. BT/EC/1801/002 has worked on AADHAR CARD AND FINGERPRINT VOTING SYSTEM. This project is part of partial fulfilment of requirement for the degree of Bachelor in Technology in Electronics and communication Engineering.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 24/02/2022

Place: MIU, Gr. Moida.

Signature of Guide

Signature of Head of the Department

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report

Alcohol Sensing Alert with Engine Locking

Project Report submitted in partial of the requirements of the degree of

Bachelor of Technology

in

Electronics and Communication Engineering



Prepared By

Student Name: Kumar Mrityunjay

Roll No: BT/EC/1801/001

Guided By:

Ms. Shivangi Bansal

Department of Electronics and Communication Engineering,

School of Engineering and Technology,

NOIDA INTERNATIONAL UNIVERSITY

Yamuna Express Way, Greater Noida, UP - 203201

This is to certify that:

Mr. Kumar Mrityunjay, S/o Satya Narayan Prasad Enrolment No. 18SETBTECE3023 Roll No. <u>BT/EC/1801/001</u> has worked on <u>Alcohol Sensing Alert with Engine Locking.</u> This project is part of partial fulfilment of requirement for the degree of Bachelor in Technology in Electronics and Communication Engineering.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 24.02.2022

Place: Greater Noida

Signature of Head of the Department

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report

Session: 2018-22

AUTOMATED CAR PARKING WITH EMPTY SLOT DETECTION

PROJECT REPORT SUBMITTED IN PARTIAL OF THE REQUREMENTS
OF DEGREE of

Bachelor of Technology

in

ELECTRONICS AND COMMUNICATION ENGINEERING

Prepared By:

Guided By:

Patil Srikanth BT/EC/1802/001

Ms. Shivangi Bansal



Dept.of Electronics and communication Engineering School of Engineering and Technology, NOIDA INTERNATIONAL UNIVERSITY Yamuna Express Way, Greater Noida, U.P 203201

This is to certify that:

Mr. PATIL SRIKANTH S/o Mr. PATIL NAGARJUNA REDDY Enrollment No. 19044011003P Roll No. BT/EC/1801/001 has worked on AUTOMATED CAR PARKING WITH EMPTY SLOT DETECTION. This project is part of partial fulfilment of requirement for the degree of Bachelor in Technology in Electronics and communication Engineering.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 24/02/2022

Place: MIU, Cr. Hoida.

\$ignature of Guide

Signature of Head of the Department

IOT Air & Sound Pollution Monitoring System

Project report submitted in partial fulfillment of requirement for the degree

of

Bachelor of Technology

in

Electrical Engineering

Name of the students Md Arsalan Abedin Enrollment No 18SETBTEE3022 Name of supervisor Mr Rakesh Kumar



DEPARTMENT OF ELECTRICAL ENGINEERING

Plot No-1, Sector-17A, Yamuna Expressway, Gautam Buddh Nagar,
Uttar Pradesh – 201310,
MAY 2022

CERTIFICATE

This is to certify that:

Md Arsalan Abedin S/O Md Zainul Abedin Enrolment no 18SETBTEE3022, Roll No. BT/EE/1801/001, have worked on IOT Air & Sound Pollution Monitoring System. This project is part of partially fulfillment of requirement for the degree of Bachelor in Technology in Electrical Engineering.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: of office

Place: G. NOTOR

Signature

Mr Rakesh Kumar

Electrical Department, Asst. Professor

Dr. Sujata Arora

Head of the department (Electrical Engineering)

"Operation and Monitoring of Substations by using IoT" A THESIS

Submitted in partial fulfilment of the requirements of the degree of

MASTER OF TECHNOLOGY

(POWER SYSTEM & CONTROL)



Under the Guidance of

Submitted by

Dr. Priyanka Chaudhary

Assistant Professor,

Noida International University

Bhawna Chauhan

MT/PS/1901/001

Department of Electrical Engineering NOIDA INTERNATIONAL UNIVERSITY

Plot no. 1, Sector 17-A, Yamuna Expressway, Greater Noida, UTTER PRADESH-INDIA

CERTIFICATE BY THE SUPERVISOR

This is to certify that the thesis titled "Operation and Monitoring of Substations by using IoT" submitted by Bhawna Chauhan, Roll No. MT/PS/1901/001 to the Noida international University in partial fulfillment for the award of the degree of Master of Technology (Power System & Control) is a bona fide record of research work carried out by him under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma and is worthy of consideration for award of the degree of Master of Technology (Power System & Control).

Place: Greater Noida

Dr. Priyanka Chaudhary

Dated:

BATTERY CHARGING FROM SOLAR POWER USING BUCK CONVERTER WITH MPPT

Project report submitted in partial fulfillment of requirement for the degree

of

Bachelor of Technology

In

Electrical and electronics engineering

DAVID BAZA MBAMBI

PRIYANKA CHAUDHARY

17SETBTEEE6001



SUPERVISOR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Plot No. – 1, Sector – 17 A, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh – 201310

January 2021

CERTIFICATE

This is to certify that:

Mr. DAVID BAZA MBAMBI S/O DAVID MBAMBI Enrolment No. 17SETBTEEE6001, Roll No. BT/EEE/1701/003 has worked on Battery Charging from Solar Power using Buck Converter with MPPT. this project is part of partial fulfillment of requirement for the degree of bachelor in technology, in ELECTRICAL and ELECTRONICS ENGINEERING.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 02/07/2021

Place: India- Greater Noida

Signature: poight

PRIYANKA CHAUDHARY

SUPERVISOR

Assistant Professor

Department of Electrical Engineering

Signature: SUJATA ARORA

HOD

Department of Electrical Engineering

Energy Audit at University Campus

Dissertation submitted in partial fulfillment of requirement for the degree

of

Master of Technology

in **Energy Management**

Manoj Kumar Singh 19049461001P Dr. Sujata Arora H.O.D. (E.E.)



DEPARTMENT OF ELECTRICAL ENGINEERING

Plot No. – 1, Sector – 17 A, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh – 201310 June 2022



June,2022

Date:

Department of Electrical Engineering

DECLARATION

I Manoj Kumar Singh, a student of 'Master of Technology' 'Electrical Engineering', session: 2021 - 22, of Noida International University, hereby declare that the work presented in this dissertation entitled 'Energy Audit at University Campus' is the outcome of my own bona fide work and is correct to the best of my knowledge and this work has been undertaken taking care of Engineering Ethics. It contains no material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

(Manoj Kumar Singh)

Enrollment No.: 9049461001P

Roll No:MT/EMW/1901/001

School of Engineering & Technology Department of Electrical Engineering

CERTIFICATE

This is to certify that the work embodied in this dissertation entitled 'Energy Audit at university Campus' being submitted by Manoj Kumar Singh, Roll No. MT/EMW/1901/001 for partial fulfillment of the requirement for the award of 'Master of Technology in Energy Management discipline to Noida International University, Gautam Budh Nagar (U.P.) during the academic year 2021-22 is a record of bona fide piece of work, undertaken by him/her with the supervision of the undersigned.

Approved and Supervised by

(Dr. Sujata Arora)

Associate Professor

Department of

Electrical Engineering

(Dr. Sujata Arora)
Head of the Department
Electrical Engineering

NOIDA INTERNATIONAL UNIVERSITY INSTALLATION OF 310W SOLAR PLANT

Project report submitted in partial fulfillment of requirement for the degree

Of

Bachelor of Technology

in

Electrical & Electronics Engineering

This project is a combined report

of

Mr. Makaya Ferrand Calderon & Ms. Zarka Rashid

Under the guidance of Dr. Sujata Arora
Head of Department



DEPARTMENT OF ELECTRICAL ENGINEERING Plot No.-1, Sector- 17 A, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh-201310

CERTIFICATE

This is to certify that the work embodied in this dissertation entitled "INSTALLATION OF 310 W SOLAR PLANT". Being submitted by Makaya Ferrand Calderon, BT/EEE/1701/001 & Zarka Rashid Bhat, BT/EE/1702/001 for partial fulfillment of the requirement for the award Bachelor of Technology in Electrical and Electronics Engineering discipline to Noida International University, Gautam Budh Nagar (U.P.) during the academic year 2017-2021 is a record of bonafide piece of work, undertaken by him/her with the supervision of the undersigned.

Approved and supervised by

Dr. Sujata Arora

HOD, Electrical Engineering Department

Advanced Wireless Mobile Charging System

A

Project report submitted

in partial fulfilment of requirement for the degree

of

Bachelor of Technology

in

ELECTRICAL AND ELECTRONIC ENGINEERING

SUBMITTED BY:

GUIDED BY:

RAJAT VERMA

RAKESH KUMAR SIR

ROLL NO.

(ASST. PROFESSOR)

BT/EEE/1801/001.



DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Plot No.---1,Sector—17A, Yamuna Expressway,

GautamBudh Nagar, Uttar Pradesh –201310

JUNE 2022

Certificate

This is to certify that:

Mr . RAJAT VERMA S/o Mr. ASEEM KUMAR VERMA Roll No: BT/EEE/1801/001 has worked on Advanced Wireless mobile charging system. This project is part of partial fulfilment of requirement for the degree of Bachelor in Technology in Electrical & Electronic Engineering.

To the best of our knowledge & belief, this is the original work and has not been submitted for any other degree in any other university.

Place: G, No 10 A
Signature Story.

(Dr.Sujata Arora(Ma'am)

Head Of Department, Electrical Engineering

(Rakesh Kumar Sir)

Assistant Professor, Electrical Engineering

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session: 2021-2022

Design and Fabrication of Electric Car Model

Project Report submitted in partial of the requirements of degree of Bachlor of Technology in Design and Fabrication of Electric Car

Submitted By: ABDULLAH KHAN Roll No.- BT/ME/1802/001 HARSHIT RATHI Roll No.- BT/ME/1801/002 MOHD. ABBAS Roll no.- BT/ME/1801/003 MOHD SUHAIL Roll no.- BTMT/ME/1801/001 Under the Guidance

Mr. Tushar Gupta **Assistant Professor** Noida International University

Certificate

This is to certify that:

Mr. ABDULLAH KHAN Roll No. BT/ME/1802/001, Mr. HARSHIT RATHI Roll No. **ABBAS** MOHD. BT/ME/1801/002.Mr. Roll no. BT/ME/1801/003and Mr. MOHD SUHAIL Roll No. BTMT/ME/1801/001 has worked on Design and Fabrication of Electric Car. This project is part of partial fulfilment of requirement for the degree of Bachelor in Technology.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 09/06/22
Place: NIV

Signature of Guide

Acknowledgements

We are thankful to all the people who have played a crucial role in the research for this project, without the active cooperation the preparation of this project could not have been completed within the specified time limit.

We are also thankful to our Director, Dr. H K Taluja and HOD of the department, Ms. Madhusmita Sahu, for motivating us to complete this project with complete focus and

We are also thankful to out project guide Mr. Gyanendu Sharma who supported us throughout this project with utmost cooperation and patience and helping us in doing this project.

> Signature & Name of Student(s) Student(s)
> Howkell
>
> Howkell
>
> Forder

ABDULLAH KHAN

HARSHIT RATHI

MOHD. ABBAS

MOHD SUHAIL

SCHOOL OF ENGINEERING AND TECHNOLOGY

Project Report Session: 2021-2022

Designing all Terrain Hovercraft

Project Report submitted in partial of the requirements of degree of Bachlor of Technology in Designing all Terrain Hovercraft

Submitted By: ARVINDER SINGH KALSI Roll No.- BT/AM/1801/001 SOUNAK ROY Roll No.- BT/AM/1802/001 Under the Guidance

Mr. Isha Srivastava **Assistant Professor** Noida International University

Dept. of Mechanical Engineering, School of Engineering and Technology, NOIDA INTERNATIONAL UNIVERSITY Yamuna Express Way, Greater Noida, UP

<u>Certificate</u>

Mr. ARVINDER SINGH KALSI Roll No. BT/AM/1801/001 and Mr. SOUNAK ROY Roll no BT/AM/1802/001 has worked on Designing all Terrain Hovercraft. This project is part of partial fulfilment of requirement for the degree of Bachelor in Technology.

To the best of my knowledge and belief, this is the original work and has not been submitted for any other degree in any other university.

Date: 9/6/2022

Place: Noida

Signature of Guide

Signature of Head of the Department

Acknowledgements

We are thankful to all the people who have played a crucial role in the research for this project, without the active cooperation the preparation of this project could not have been completed within the specified time limit.

We are also thankful to our Director, Dr. H K Taluja and HOD of the department, Ms. Madhusmita Sahu, for motivating us to complete this project with complete focus and attention.

We are also thankful to out project guide Mr. Gyanendu Sharma who supported us throughout this project with utmost cooperation and patience and helping us in doing this project.

Signature & Name of Student(s)

ARVINDER SINGH KALSI Arvinder SOUNAK ROY Sarak.

Isolation, Characterization and Strain Improvement of Soil Bacteria Bacillus subtilis for Invertase Production

Dissertation submitted in partial fulfilment of requirement for the degree of

Master of Technology in Biotechnology

Name of the Student

Manmeet Kaur

Enrolment No.: 16SETBTBIOT2009

Name of the Supervisor

Mrs. Pratibha Teotia

Designation: HOD



DEPARTMENT OF BIOTECHNOLOGYENGINEERING

Plot No. – 1, Sector – 17 A, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh – 201310 June, 2021

School of Engineering & Technology

Department of Biotechnology

CERTIFICATE

This is to certify that the work embodied in this dissertation entitled 'Isolation, Characterization and Strain Improvement of Soil Bacteria Bacillus subtilis for Invertase Production' being submitted by Manmeet Kaur, BTMT/BT/1601/001 for partial fulfilment of the requirement for the award of 'Master of Technology in Biotechnology discipline to Noida International University, Gautam Budh Nagar (U.P.) during the academic year 2016-2021 is a record of bona fide piece of work, undertaken by him/her with the supervision of the undersigned.

Approved and Supervised by

Supervisor's Signature

Mrs. Pratibha Teotia Head of department

Signature

Mrs. Pratibha Teotia

Identification of Potential Inhibitors against SARS-COV-2 by Targeting Proteins Responsible for Envelope Formation and Virion Assembly Using Docking Based Virtual Screening and Pharmacokinetics Studies.

Dissertation submitted in partial fulfilment of requirement for the degree of

Master of Technology

in

Biotechnology

Name of the Student

Zeba Khatoon

Enrolment No.: 16SETBTBIOT2001

Name of the Supervisor

Miss. Anamika Chaudhary

Designation: Asst. Prof.



DEPARTMENT OF BIOTECHNOLOGY ENGINEERING

Plot No. – 1, Sector – 17 A, Yamuna Expressway, Gautam Budh Nagar, Uttar Pradesh – 201310 June, 2021

School of Engineering & Technology

Department of Biotechnology

CERTIFICATE

This is to certify that the work embodied in this dissertation entitled 'Identification of Potential Inhibitors against SARS-COV-2 by Targeting Proteins Responsible for Envelope Formation and Virion Assembly Using Docking Based Virtual Screening and Pharmacokinetics Studies' being submitted by Zeba Khatoon, BTMT/BT/1601/004 for partial fulfilment of the requirement for the award of 'Master of Technology in Biotechnology discipline to Noida International University, Gautam Budh Nagar (U.P.) during the academic year 2016-2021 is a record of bona fide piece of work, undertaken by him/her with the supervision of the undersigned.

Approved and Supervised by

Supervisor's Signature

Miss. Anamika Chaudhary

Asst. Prof.

Signature

Miss. Anamika Chaudhary
Asst. Prof.

For Sidaharth Vate Hop 22) Aug 2022



Ref. No. ALS/GE/07-21/21

Date: 20/07/2021

Certificate

This is to certify that following students from Biotechnology, School of Engineering and Technology, Noida International University, Greater Noida (Uttar Pradesh) has successfully completed his one month training program on Molecular Biology with us at Allele Life Sciences Pvt. Ltd., Noida, (U.P.) from 15th May to 14th July, 2021. He had been very hard-working and sincere in the entire training program.

S. No.	Students
1	Neha
2	Divya Rajpoot
3	Kinalendele Massamba Prisca
4	Priyanka Sirohi
5	Prakash Yadav

We wish them all the best for future.

Allele Life Sciences Pvt. Ltd.

Mritun A

Research Associate



To Whom It May Concern

It is hereby notified that following students (Batch-1) from School of Engineering and Technology, Noida International University, Greater Noida, have successfully completed their two week training program on "Industrial Skill" conducted at our organization, from November 15th, 2021 to November 30th, 2021.

S. No.	Name
1	CHANDAN KUMAR YADAV
2	FAISAL ASHFAQUE
3	PRINCE RAJ
4	SHAYAN HASAN
5	VICKY ANAND
6	YUVRAJ SINGH
7	ZAID HUSSAIN
8	SUMIT BHUSHAN
9	NADEEM YAQOOB BHAT
10	TAUFIQUE ALAM

Good Luck for your future.

S. Gupta

Training in charge



Dated: 21st - June - 2022

To whomsoever it may concern

It is here notified that following students from the Noida International University have joined our organization for two months on "Data Management" training program from the 15/04/2022 to 14/06/2022.

S.No.	Name
1	Shubham Rajwat
2	Aadhar Gupta
3	Aaqib Javed Khan
4	Ahmadullah Shirzai
5	Ankita Ballan
6	Chirag Bhatnagar
7	Dhruv Goel
8	Kishan Kumar Sah
9	Neha Upadhyay
10	Piyush
11	Rehan Khan
12	Salunkhe Rohit Vinayak

We wish you all best of luck for future endeavours.

Neha Pradhan

Investors Clinic Infratech Pvt. Ltd.



Date: 10/02/2022

Certificate of appreciation

Dear All,

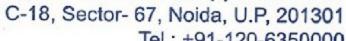
It is hereby notified that you all have successfully completed your 2 months internship on "Customer based survey program" from the 1st December, 2021 to 31st January, 2022 from our organization.

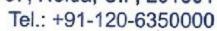
S. No.	Name
1	Samridh Gupta
2	Shivam Sharma
3	Varun Tiwari
4	Vipin Kumar
5	Navneet Kumar
6	Mohammad Faisal Arif
7	Ritik Saxena
8	Anmol Sharma
9	Rahul Kumar
10	Raghwendra Singh

We look forward to you having a long and fruitful relationship with Wipro.

Ravi Sankar K
General Manager

Talent Acquisition







10th May 2022

Certificate of Appreciation

It is certify that you all have successfully completed your 15 days training on "Data Management Skill" from the 15th April, 2022 to 31st April, 2022 from our organization.

S. No.	Students
1	HURMAT HANIEF
2	PRABHAT PANDEY
3	PRATUISH KARAN
4	BALI SINGH
5	GIRISH M.N.
6	JAGBIR SINGH
7	YOGESH
8	MAHESH PANDEY
9	MD RAMIZ RAJA
10	ASAD HAMID
11	KUNDAN KUMAR
12	ZOHAIB TAHIR
13	AQUIF FAROOQ BAKSHI
14	HASEEB U SHAFAT BABA
15	SHEIKH VIQAR HILAL

We wish them all the best for future. Good Luck,

IDC Technologies Solutions India (P) Ltd

CIN:- U72200DL2008PTC182494





Date: 10th Feb, 2022

To Whom It May Concern

It is hereby certify that following students (Batch-A) from the School of Engineering & Technology, Noida International University, Greater Noida, have successfully completed their two week training program on "Data analysis and Management" conducted at our organization, from January 20th, 2022 to February 5th, 2022.

S. No.	Name	Program/ Department
1	RAHUL PRASAD	B. Tech in Computer Science
2	SAMPURNANAND	B. Tech in Computer Science
3	SAMRAT KARAK	B. Tech in Computer Science
4	SANJAY	B. Tech in Computer Science
5	SATYAM TRIPATHI	B. Tech in Computer Science
6	SHIV KUMAR	B. Tech in Computer Science
7	UTKARSH YADAV	B. Tech in Computer Science
8	VANISSA ROUT	B. Tech in Computer Science
9	YASH CHAUDHARY	B. Tech in Computer Science
10	YASH JHA	B. Tech in Computer Science
11	AVANTIKA TOMER	B. Tech in Computer Science
12	ABHISHEK ADHANA	B. Tech in Computer Science

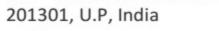
We look forward to long and mutually cordial relationship with you.

Dinesh Yadav

Great Champ Technology Limited

Registered o□ce

B 13, First Floor, Swasthya Vihar, New Delhi - 110092, Delhi, India CIN No.U74999DL2016PLC291246









Date: 28th Feb, 2022

To Whom It May Concern

It is hereby certify that following students (Batch-B) from the School of Engineering & Technology, Noida International University, Greater Noida, have successfully completed their two week training program on "Data analysis and Management" conducted at our organization, from February 10th, 2022 to February 24th, 2022.

S. No.	Name	Program/ Department
1	AKSHAY HOODA	B. Tech in Computer Science
2	AMBUJ TRIPATHI	B. Tech in Computer Science
3	ARTI KUMARI	B. Tech in Computer Science
4	IMRAN JALEEL	B. Tech in Computer Science
5	MOHAMMED KAVEEM UDDIN	B. Tech in Computer Science
6	MOHAMMED SAFIR AHAMAD NIYAZ	B. Tech in Computer Science
7	SHUBH BHAKUNI	B. Tech in Computer Science
8	UMAAD NAQASHBANDI	B. Tech in Computer Science
9	ROSY PATHAK	B. Tech in Computer Science
10	BINITA SUBBA	B. Tech in Computer Science
11	AKSHAY HOODA	B. Tech in Computer Science
12	AMBUJ TRIPATHI	B. Tech in Computer Science

We look forward to long and mutually cordial relationship with you.

Dinesh Yadav

Great Champ Technology Limited

Registered o□ce

B 13, First Floor, Swasthya Vihar, New Delhi - 110092, Delhi, India

CIN No.U74999DL2016PLC291246 201301, U.P, India





Namdhari

ECO ENERGIES PVT LTD

Energy for better future

Branch Office: C-105, Galaxy Vega, Tech Zone-IV

Greater Noida (West) 201306 National Capital Region (NCR)

Date: 13th Jan, 2022 Place- G. Noida

To Whom It May Concern

It is hereby notified that following students from the Department of Environmental Engineering, School of Engineering and Technology, Noida International University, Greater Noida, have successfully completed their two week training program on "Environmental Energy" conducted at our organization, from December 27th, 2021 to January 10th, 2022.

S. No.	Name	Program/ Department
1	ASHISH SHARMA	M. Tech in Environmental Engineering
2	DEVENDRA SINGH BAGHEL	M. Tech in Environmental Engineering
3	MITHILA RAVINDRA SANKPAL	M. Tech in Environmental Engineering
4	NEERAJ KUMAR VERMA	M. Tech in Environmental Engineering
5	RAJNEESH KUMAR	M. Tech in Environmental Engineering
6	SHISHUPAL VERMA	M. Tech in Environmental Engineering
7	SURYA NARAYAN DEO	M. Tech in Environmental Engineering
8	VIPUL GULATI	M. Tech in Environmental Engineering
9	SAHAR DEBBARMA	M. Tech in Environmental Engineering
10	MD SAIF ALI	M. Tech in Environmental Engineering

We look forward to long and mutually cordial relationship with you.





Tech Mahindra Limited

A-6, Sector 64, Noida Uttar Pradesh, INDIA.-201301 techmahindra.com

Registered Office: Gateway Building, Apollo Bunder Mumbai 400 001

Date: 10th Feb, 2022

Certificate of appreciation

Dear All,

It is hereby notified that you all have successfully completed your one month internship on "Mechanical Engineering" from the 20st December, 2021 to 21st January, 2022 from Tech Mahindra Ltd. Noida.

S. NO.	NAME
1	MUKESH TUDU
2	ABEL SIMAO MAIALA
3	SANJEET KUMAR
4	DHANANJAY SANTRAJ SINGH
5	KESHAV TIWARI
6	ALI MURTUZA
7	ANAS IMRAN
8	HARSHIT PANDEY
9	HARSHIT SINGH
10	MOHD GHAZI
11	SUBHOMOY MITRA
12	YASIR IMRAN
13	ABHINAV GUPTA
14	AHMAD EBAD AHADYR

We thank you for your interest in our organization.

Shushan Kumar

Tech Mahindra Limited



To Whom It May Concern

It is hereby notified that following students from School of Engineering and Technology, Noida International University, Greater Noida, have successfully completed their two week training program on "Industrial Skill" conducted at our organization, from December 27th, 2021 to January 10th, 2022.

S. No.	Name
1	SAHAR DEBBARMA
2	MD SAIF ALI
3	JITENDRA SINGH
4	SUMIT KUMAR SINGH
5	ANIL KUMAR
6	RAHUL PATRA
7	RAVI YADAV
8	SARIKA JAIN
9	SANJAY GREWAL

Good Luck for your future.

S. Gupta
Training in charge