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PROJECT LIST (2022-23)

S.No.	ROLL No.	STUDENT NAME	GROUP NO.	PROJECT NAME	GUIDE NAME
1	1907860100094	SHABREEN PERWEEN	G - 1	IoT BASED SMART AGRI MONITORING SYSTEM	MS. SHIVANGI CHAUHAN
2	1907860100099	SHREYANSHI			
3	1907860100063	PRASHANT KUMAR			
4	1907860100085	SAGAR JAISWAL	G - 2	SMART AGRICULTURE USING MACHINE LEARNING MODELS	MR. GHANSHYAM YADAV
5	1907860100058	NEHA KUMARI			
6	1907860100022	ANKITA KUMARI			
7	1907860100058	PRINSHU SINGH			
8	1907860100057	NARESH KR.	G - 3	E-RECRUITMENT WEBSITE	Mr. VIPIN PANWAR
9	1907860100026	ATUL KR.			
10	1907860100002	AAKASH			
11	1907860100026	ABHISHEK KUMAR			
12	1907860100087	SAMARTH YADAV	G - 4	INTERNET SOCIAL MEDIA WEBSITE (PLATFORM FOR ARTIST)	MR. DHANANJAY SINGH
13	1907860100088	SARTHAK AGARWAL			
14	1907860100103	SUMIT SINGH			
15	1907860100102	SHUBHAM RAI			
16	2007860100005	PRATYUSH RAJ	G - 5	TAXI / CAR POOLING WEBSITE	Ms. ANSHUL
17	2007860100001	AKHIL KR. SINGH			
18	1907860100062	PRASHANT KUMAR	G - 6	FACE RECOGNITION ATTENDANCE SYSTEM USING DEEP LEARNING MODELS (CNN)	Ms. ANSHUL
19	1907860100049	Md. MUSHFIQUE RAZA			
20	1907860100093	SAURAV KUMAR			
21	1907860100107	VINAY PRATYUSH			
22	1907860100106	VANSHAJ BHALLA	G - 7	BLOG WEBSITE	Ms. SHWETA CHAUHAN
23	1907860100114	AMARJEET MANDAL			
24	1907860100180	RIZWAN AHMAD			
25	1907860100121	ANKIT MAURYA			
26	1907860100034	DEEPAK SARASWAT	G - 8	CREDIT CARD FRAUD DETECTION USING ML	Ms. POOJA SHARMA
27	2007860109008	VINAY PRASAD			
28	1907860100104	SATISH KUMAR	G - 9	HOSPITAL MANAGEMENT SYSTEM	MR. BHUPENDRA BHADANA
29	1907860100104	MURARI JEE			
30	18078610053	SALBI SINHA	G - 10	SENTIMENTS ANALYZER	Ms. MEGHALI DAS
31	18078610007	AMRITA SINGH			
32	1907860100104	SHUBHAM MADDESHIYA	G - 11	SENTIMENTS ANALYZER	MS. SHIVANGI CHAUHAN
33	1907860100023	ANUBHAV BHATT	G - 12	ENHANCING SYSTEM RELIABILITY THROUGH	Dr. SANJAY PACHAURI
34	1907860100015	AMBUJ PATHAK			

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35	1907860100052	MOHAN PANDEY		CONVERSATIONAL AI WITH DATA FLOW CONTROL	
36	2007860100002	BURHAN AYOUB			
37	1907860100104	SWATI KIRAN	G - 13	BOOK RECOMMENDATION SYSTEM USING VARIOUS COLLABARATIVE FILTERING	Ms. POOJA SHARMA
38	1907860100059	NIDHI			
39	1907860100095	SHASHANK KUMAR			
40	1907860100038	GAURAV GAHLAWAT	G - 14	A VIRTUAL CLASSROOM (MANGALMAY PATHSHALA)	Ms. SHIVANGI CHAUHAN
41	1907860100045	KUSH SHARMA			
42	1907860100037	GAURAV DUBEY			
43	1907860100100	SHUBHAM GOLA			
44	1907860100027	ATUL KR SINGH	G - 15	VIRTUAL AI CHATBOT FOR COLLEGE ENQUIRY	Ms. SHWETA CHAUHAN
45	1907860100016	AMIT KR			
46	1907860100098	SHIVANI RAJ			
47	1907860100017	AMIT CHAURASIA			
48	1907860100084	SACHIN KR. SHARMA	G - 16	DOC TUBE PLATEFORM	Ms. MEGHALI DAS
49	1907860100083	SACHIN SHARMA			
50	1907860100110	VISHAL PANDEY			
51	1907860100069	PRIYANSHU SAXENA	G - 17	TRAVEL ADVISORY SYSTEM	
52	1907860100071	QUAMAR MEHBOOB	G - 18	SPARROW VIRTUAL AI	MR. GHANSHYAM YADAV
53	1907860100072	RAHBAR NAUSHAD			
54	1907860100013	AMAN MAHAL			
55	1907860100091	SATYAM KUMAR	G - 19	MULTI FUNCTIONING BANKING MANAGEMENT SYSTEM	MR. GHANSHYAM YADAV
56	1907860100018	AMIT SINGH			
57	1907860100076	RISHABH KUMAR			
58	1907860100070	PRIYANSHU RAJ			

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59	1907860100079	RITIK PATEL	G - 20	DIABETES PREDICTION USING MACHINE LEARNING MODELS	MR. GHANSHYAM YADAV
60	1907860100078	RISHIKESH CHAUDHARY			
61	1907860100090	SATYA PRAKASH SHARMA			
62	1907860100074	RAJAT VERMA			
63	1907860100036	DIVYANSHU	G - 21	FAKE NEWS DETECTION USING ML	MR. VIPIN PANWAR
64	1907860100040	HEMANT YADAV			
65	1907860100053	MOHIT RANJAN	G - 22	LEAF DISEASE PREDICTION USING MACHINE LEARNING MODELS (CNN)	MR. GHANSHYAM YADAV
66	1907860100051	MOHAN JOSHI			
67	1907860100004	NEERAJ KR. PANDEY	G - 23	SMART RFID FARMING USING MACHINE LEARNING MODELS	MR. GHANSHYAM YADAV
68	1907860100001	AKANKSHA SHARMA			
69	1907860100060	NISHANT KR. PRIYANSHU			
70	1907860100068	PRIYANKA SINGH			
71	1907860100007	ABHIHSHEK PRATAP	G - 24	INTRUTION DETECTION SYSTEM FOR EMAIL & ATTACKS	MS. MEGHALI DAS
72	1907860100006	ABHISHEK PAYALA			
73	1807860100060	UTSAV SARKAR			
74	1907860100011	AJIT KR YADAV	G - 25	FACE RECOGNITION ATTENDANCE SYSTEM USING DEEP LEARNING MODELS (CNN)	MR. GHANSHYAM YADAV
75	1907860100109	VISHAL KR			
76	1907860100019	ANAND YADAV			
77	1907860100039	HARSHITA SINGH	G - 26	HR MANAGEMENT SYSTEM	MR. GHANSHYAM YADAV
78	1907860100020	ANIKET DIXIT			
79	1907860100032	DEEKSHA VISHNOI			
80	1907860100065	PRINCE SINHA	G - 27	COMPARING A QUESTION PAPER USING DIFFERENT ML MODELS	MR. GHANSHYAM YADAV
81	1907860100067	PRIYA SINHA			
82	1907860100108	VISHAL JHA			

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83	1907860100056	NABEEL AHMAD	G - 28	REAL-TIME MULTIPLE OBJECT DETECTION USING COMPUTER VISION AND DEEP-LEARNING (CNN) MODELS	MS. MONIKA CHAUHAN
84	1907860100008	ADHIRAJ BAJPAI	G - 29	ONLINE FOOD DELIVERY WEBSITE	MR. BHUPENDRA BHADANA
85	18078610006	AMAR KR.			
86	1907860100092	SAURABH KUMAR	G - 30	CLOUD TECHNOLOGY SOLUTIONS : CLOUD SYNC	MR. GHANSHYAM YADAV
87	1907860100041	HIMANSHU CHAUHAN			
88	1907860100096	SHIVAM MALIK	G - 31	MICROSOFT OFFICE (EXCEL) CLONE SOFTWARE	MR. DHANANJAY SINGH
89	1907860100086	SAHAJ KANDHARI			
90	1907860100001	AZEEM KHAN	G - 32	WINDOWS KEY LOGGER	Ms. MONIKA CHAUHAN
91	1907860100010	ADITYA RANA			
92	1907860100044	KAPISH			
93	18786310002	AMIT YADAV		DESIGN AND DEVLOPMENT OF DROWSINESS AND ALCOHAL DETECTION SMART HELMET	MR. DHANANJAY SINGH

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PROJECT REPORT

on

"IoT AGRI-MONITORING SYSTEM"

Submitted in Partial Fulfilment of the Requirement

For the Degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

Submitted By

Shabreen Perween (1907860100094)

Prashant Kumar (1907860100063)

Shreyanshi (1907860100099)

Under the Supervision of

Assistant Prof. Mr. Ghanshyam Yadav

MANGALAMAY INSTITUTE OF ENGINEERING & TECHNOLOGY

GREATER NOIDA

AFFILIATED TO

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY

Lucknow, Uttar Pradesh

May, 2023

CERTIFICATE

This is to certify that Project Report entitled **"IoT Agri Smart Monitoring System"** which is submitted by Prashant Kumar, Shabreen Perween, Shreyanshi in partial fulfilment of the requirement for the award of Degree B.Tech in Department of Computer Science & Engineering from Mangalmay Institute of Engineering &Technology of Dr. A.P.J. Abdul Kalam Technical University, is a record of the candidate's own work carried out by them under our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date: 01/06/2023

Supervisor:

Signature of Project Coordinator:

Signature of HOD:

Signature of Examiner:

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
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II

CANDIDATE DECLARATION

We hereby declare that this submission is our own work and that to the best of our knowledge and belief. It contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature:

Name: Shabreen Perween

Roll: 1907860100094

Signature:

Name: Prashant Kumar

Roll: 1907860100063

Signature:

Name: Shreyanshi

Roll: 1907860100099

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Name of Project: - IOT-Agri Monitoring System

Name of Research Paper: - (IoT – Agri Monitoring System)

Name of Members: -

1. Shabreen Perween
2. Prashant Kumar
3. Shreyanshi

Signature with Date: -

A Project Report

On

Smart Agriculture Using Machine Learning

For The Partial Fulfillment for the Award of Degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

Submitted by

Ankita Kumari - 1907860100022

Neha Kumari - 1907860100058

Prinshu Singh - 1907860100066

Sagar Jaiswal – 1907860100085

Under the Supervision of

Mr. Ghanshyam Yadav

(Assistant Professor)

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TECHNOLOGY, GREATER NOIDA

Affiliated To

Dr. APJ ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW

May 2023

CERTIFICATE

The Final Thesis/Project/ Dissertation Viva-Voce examination of

Ankita Kumari: 1907860100022 , Neha Kumari (1907860100058)

been held on and his/her work along with Prinshu & Sagar Jaiswal

~~is~~ recommended for the award of Bachelor of Technology.
are

Signature of Examiner(s)

Signature of
Supervisor(s)

Signature of Project Coordinator

Signature of HOD

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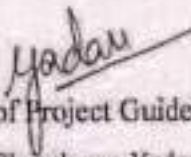
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SUPERVISORS' CERTIFICATE
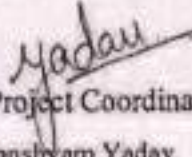
This is to certify that the work reported in the B. Tech. project report entitled "**Smart Agriculture Using Machine Learning**", submitted by **Ankita Kumari: 1907860100022** at **Mangalmay Institute of Engineering and Technology**, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India is a bonafide record of his original work carried out under my supervision. This work has not been submitted elsewhere for any other degree or diploma.

1. Ankita Kumari
2. Neha Kumari
3. Prinshu Singh
4. Sagar Jaiswal

(Signature of Project Guide)

Name: Mr. Ghanshyam Yadav

Designation: Assistant Professor

Date: 29th May, 2023

Signature of Project Coordinator)

Name: Mr. Ghanshyam Yadav

Designation: Assistant Professor

Date: 29th May, 2023

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786)

DECLARATION

Prinshu & Sagar

We as a team member Ankita Kumari: 1907860100022 are student of the
Neha
Department of Computer Science and Engineering at Mangalmay Institute of
Engineering and Technology, Greater Noida, Gautam Buddha Nagar, Uttar
Pradesh, would like to declare that B. Tech. project report entitled "**Smart
Agriculture Using Machine Learning**" submitted by me in partial fulfillment
of requirement for the degree of Bachelor of Technology in Computer Science
and Engineering is my original work.

Neha

1. Neha Kumari - 1907860100058

2. **Ankita Kumari - 1907860100022**

   Ankita Kumari   P Kinshu

3. Prinshu Singh - 1907860100066

4. Sagar Jaiswal - 1907860100085
   Sagar

This is to certify that the above statement made by the candidate is correct to
the best of our knowledge.

Yadav

(Signature of Guide)

ACKNOWLEDGEMENT

Successfully completing any task gives us satisfaction as well as internal strength for future problems but the person alone has never existed. He is truly accompanied by few people. They use to give the person support as well as suggestion to successfully complete the work. So, I feel pleasure for thanking all such great people who motivates me and provides me kind support at all stages of my Project work.
Firstly, I would like to honor my institute *"Mangalmay Institute of Engineering & Technology, Greater Noida"*. Here I have been provided with a workplace and infrastructure to learn recent technologies and conceptual background to strengthen my programming and professional skills.

I am very much grateful to *Director Sir and Dr. Sanjay Pachauri (Head, Department of Computer Science & Engineering), Mangalmay Institute of Engineering& Technology, Greater Noida,* for his helpful attitude and encouragement in making my project.

I would like to express my sincere heartfelt gratitude to my honorable, esteemed Final year Project Coordinator / supervisor *Ghanshyam Yadav (Assistant Professor, Department of Computer Science and Engineering)* for his/her kind and valuable guidance for the successful completion of the project work. I am glad to work under his/her supervision.

Furthermore, I am thankful to, all faculty members for motivating me and to the *Staffs of computer labs* in the department for providing excellent valuable facility as well as issuingme a computer system of good configuration and providing regular maintenance.
I would like to extend special thanks to all my batch mates for their love, encouragement and constant support.
Last but not least I would like to thank my parents for supporting me to complete my project report in all ways.

1. Ankita *Ankita*
2. Neha *Neha*
3. Prinshu *Prinshu*
4. Sagar *Sagar*

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Name of Project: Smart Agriculture Using Machine Learning

Name of Research Paper: (Smart Agriculture Using Machine Learning)

Name of Members: - 1. Ankita Kumari

2. Neha Kumari

3. Prinshu Singh

4. Sagar Jaiswal

Signature with Date

A

PROJECT REPORT

On

E-RECRUITMENT WEBSITE

In the partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE & ENGINEERING

SUBMITTED BY

AAKASH – (1907860100002)

ABHISHEK KUMAR – (1907860100005)

ATUL KUMAR – (1907860100026)

NARESH KUMAR – (1907860100057)

UNDER THE GUIDANCE OF

MS. SHWETA CHAUHAN

(ASSISTANT PROFESSOR)

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Mangalmay
Institute of Engineering & Technology

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY,

KNOWLEDGE PARK-II GREATER NOIDA-201301

AFFILATED TO- DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY,
LUCKNOW - UTTAR PRADESH

(May-2023)

1

DECLARATION

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature: _Aakash_

Name: Aakash

Roll No: 1907860100002

Date: 29/05/2023

Signature: _Abhishek_

Name: Abhishek Kumar

Roll No: 1907860100005

Date: 29/05/2023

Signature: _Atul_

Name: Atul Kumar

Roll No: 1907860100026

Date: 29/05/2023

Signature: _Naresh_

Name: Naresh Kumar

Roll No: 1907860100057

Date: 29/05/2023

II

CERTIFICATE

Certified that **Aakash** (Roll No.: 1907860100002), **Abhishek Kumar** (Roll No. 1907860100005), **Atul Kumar** (Roll No.: 1907860100026) & **Naresh Kumar** (Roll No.: 1907860100057) has carried out the research work presented in this thesis entitled "**E-Reeruitment**" for the award of **Bachelor of Technology (CSE)** from Uttar Pradesh Technical University, Lucknow under our supervision. The thesis embodies results of original work, and studies as are carried out by the student himself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

Signature: ....

Under The Guidance of

Ms. Shweta Chauhan

Assistant Professor

MIET, Gr. Noida

Signature: ....

Coordinator

Mr. Ghanshyam Yadav

Assistant Professor

MIET, Gr. Noida

Head Of Department

Dr. Sanjay Pachauri

MIET, Gr. Noida

Signature: ....

External Examiner

III

ACKNOWLEDGEMENT

This is a great opportunity to acknowledge and to thanks all those persons without whose support and help this project would have been impossible. We would like to add a few heartfelt words for the people who were part of this project in numerous ways.

First, I would like to thanks to my project supervisor Ms. Shweta Chauhan, for his indefatigable guidance, valuable suggestion, moral support, constant encouragement and contribution of time for the successful completion of project work. He always gave me freedom to think broadly and deeply into my research.

I am extremely grateful to Director Sir, Dr. Sanjay Pachauri, HOD of Computer Science & Engineering, Mr. Ghanshyam Yadav Associate Professor, Ms. Shweta Chouhan Assistant Professor of Computer Science & Engineering for proof reading and their helpful comments and advice. We would like to thank all those who helped us directly or indirectly.

Last but not the least; I would like to thank God for not letting me down at the time of crisis and showing me the silver lining in the dark clouds.

STUDENTS NAME

AAKASH – (1907860100002)

ABHISHEK KUMAR – (1907860100005)

ATUL KUMAR – (1907860100026)

NARESH KUMAR – (1907860100057)

Project Report
ART SOCIAL

"Social Media Website as a platform for Artists"
In partial fulfillment of requirements for the degree of

Bachelor of Technology

In

Computer Science & EngineeringSubmitted By:

Samarth Yadav	(1907860100087)
Sarthak Agrawal	(1907860100088)
Sumit Singh	(1907860100103)
Shubham Rai	(1907860100102)

B. Tech (CSE) 4th Year

Under the Guidance of:
Mr. Dhananjay Singh(Assistant Professor)

Mangalmay Institute of Engineering & Technology, Greater Noida
DEPARTMENT OFCOMPUTER SCIENCE AND ENGINEERING

(Approved by AICTE and affiliated to Dr. A.P.J. Abdul Kalam Technical
University, Uttar Pradesh, Lucknow)

MAY-2023

CERTIFICATE

This is to certify that Project Report entitled "Art Social" which is submitted by Samarth Yadav , Sarthak Agrawal , Shubham Rai , Sumit Singh in partial fulfillment of the requirement for the award of degree B.Tech in Department of Computer Science & Engineering from Mangalmay Institute of Engineering & Technology of Dr. A. P. J. Abdul Kalam Technical University, is a record of the candidate's own work carried out by them under our supervision. The matter embodied in this Report is original and has not been submitted for the award of any other degree.

Date:

Project Supervisor
Asst. Prof. Dhananjay Singh

Head of Department (CSE)
Prof. Sanjay Pachauri

Signature of Coordinator

Signature of External

3

Director
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DECLARATION

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Name: Samarth Yadav

RollNo: 1907860100088

Date:

Signature:

Name: Sarthak Agrawal

RollNo: 1907860100088

Date:

Signature:

Name: Shubham Rai

RollNo: 1907867100102

Date:

Signature:

Name: Sumit Singh

RollNo: 1907860100103

Date:

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
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4

ACKNOWLEDGEMENT

It gives us a great sense of pleasure to present the report of the B.Tech Project undertaken during B.Tech Final Year. We owe special debt of gratitude to professor Dhananjay Singh for his constant support and guidance throughout the course of our work. Her sincerity, thoroughness and perseverance have been a constant source of inspiration for us. It is only her cognizant efforts that our endeavors have seen light of the day. We also take the opportunity to acknowledge the contribution of Professor Sanjay Pachauri, Head of Department, Department of Computer Science & Engineering , Mangalmay Institute of Engineering & Technology , Greater Noida for his full support and assistance during the development of the project. We also would notlike to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind assistance and cooperation during the development of our project. Last but not the least, we acknowledge our parents and friends for their constant support throughout the project.

Signature:

Name: Samarth Yadav

RollNo: 1907860100088

Date:

Signature:

Name: Sarthak Agrawal

RollNo: 1907860100088

Date:

Signature:

Name: Shubham Rai

RollNo: 1907867100102

Date:

Signature: Sumit singh

Name: Sumit Singh

RollNo: 1907860100103

Date:

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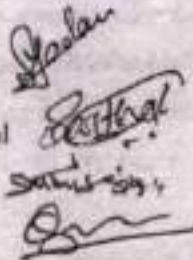
Name of Research Paper: (Social Media Website as a platform for Artists)

Name of Members: - 1. Samarth Yadav

2. Sarthak Agrawal

3. Sumit Singh

4. Shubham Rai

Signature with Date: 27/05/2023

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(College Code-786

6

PROJECT REPORT ON

"Car Pooling Website"
For the partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY
In
COMPUTER SCIENCE AND ENGINEERING
Submitted By
Pratyush Raj(2007860109005)
Akhil Kumar Singh(2007860109001)

Under the Supervision of
Assistant prof. Ms.Anshul

MIET
Mangalmay
Institute of Engineering & Technology

MANGALMAY INSTITUTE OF ENGINEERING &

TECHNOLOGY,GREATER NOIDA

Affiliated to

Affiliated to: Dr. APJ Abdul Kalam Technical
University,Lucknow
May 2023

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

Candidate Declaration

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature: Pratyush Raj

Name:Pratyush Raj

Roll No: 2007860109005

Date: 27-05-2023

Signature: Akhil Kumar Singh

Name: Akhil Kumar

Roll No: 2007860109001

Date: 27-05-2023

Certificate

This is to certify that Project Report entitled "Ride Sharing Website" which is submitted by Pratyush Raj and Akhil Kumar in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science of A. K. Technical University, is a record of the candidate own work carriedout by him under my/our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date: 27 - 05 - 2023

Supervisor:

Signature of Project coordinator:
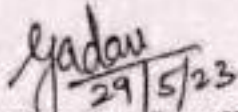(Gihanahyam yadav)

Signature

27/05/2023

Signature of examiner:

27/05/2

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

Acknowledgement

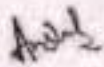It gives us a great sense of pleasure to present the report of the B. Tech Project undertaken during B. Tech. Final Year. We owe special debt of gratitude to Asst. Professor Ms.Anshul, Department of Computer Science & Engineering, College of Engineering, Lucknow for his constant support and guidance throughout the course of our work. His sincerity, thoroughness and perseverancehave been a constant source of inspiration for us. It is only his cognizant efforts that our endeavors have seen light of the day.

We also take the opportunity to acknowledge the contribution of Professor Ms.Anshul , Head, Department of Computer Science & Engineering, College of Engineering, Lucknow for his full support and assistance during the development of the project.

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind assistance and cooperation during the development of our project. Last but not the least, we acknowledge our friends for their contribution in the completion of the project.

Signature: Pratyush Raj , Akhil Singh.

Date: 27-05-2023

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

PROJECT REPORT
ON

"Face Recognition Attendance System"
Submitted In Partial Fulfillment of the Requirement
For the Degree of
BACHELOR OF TECHNOLOGY
In
COMPUTER SCIENCE AND ENGINEERING DEPARTMENT
Submitted By
Md. Mushfique Raza(1907860100049)
Prashant Kumar(1907860100062)
Saurav Kumar(1907860100093)
Vinay Pratyush(1907860100107)

Under the Supervision of
Assistant prof. Ms.Anshul

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY

GREATER NOIDA

AFFILIATED TO

Dr. APJ Abdul Kalam Technical University

Lucknow, Uttar Pradesh

May,2023

Candidate Declaration

We hereby declare that this submission is our own work and that to the best of our knowledge and belief. It contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature: Md. Mushfique Raza
Name: Md. Mushfique Raza
Roll No: 1907860100049
Date: 29|05|2023

Signature: Prashant Kumar
Name: Prashant Kumar
Roll No: 1907860100062
Date: 29/05/23

Signature: Saurav kumar
Name: Saurav Kumar
Roll No: 1907860100093
Date: 29/05/2023

Signature: Vinay Pratyush
Name: Vinay Pratyush
Roll No: 190786010007
Date: 29/05/2023

I

Certificate

This is to certify that Project Report entitled "**Face Recognition Attendance System**" which is submitted by   Md. Mushfique Raza, Prashant Kumar, Saurav Kumar and Vinay Pratyush in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science of Abdul Kalam Technical University, is a record of the candidate own work carried out by him under my/our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date: 29/05/2023

Supervisor:

Signature of Project Coordinator:

Signature of HOD:

Signature of Examiner:

II

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

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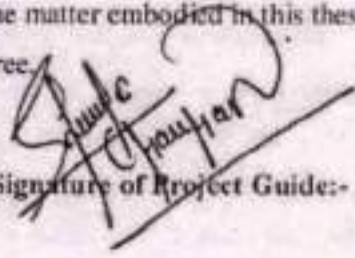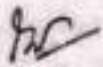This is to undertake that the project Entitled "**Face Recognition Attendance System**".

Has been registered by the "**Mangalmay Institute of Engineering & Technology**" as a copyright society and permitted to commence and carry-on copyright business in college project work.

The registration and the permission hereby granted are subject to the following conditions and liable to be cancelled on non-compliance with, or contravention of, any of them, namely: -

(i)   That the particulars furnished in the application are true and correct and not misleading in any manner;

Name of Project: Face Recognition Attendance System

Name of Research Paper: (Face Recognition Attendance System)

Name of Members: - 1. Md. Mushfique Raza
2. Prashant Kumar
3. Saurav Kumar
4. Vinay Pratyush

Signature with Date: *md. Mushfique Raza*
Prashant Kumar
Saurav Kumar
Vinay Pratyush

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

III

Project Report

On

BLOG WEBSITE

Submitted In Partial Fulfillment of the Requirement

For the Degree of

Bachelor of Technology

In

Computer Science and Engineering

By

AMARJEET MANDAL (1907860100014)

ANKIT MAURYA (1907860100021)

VANSHAJ BHALLA(1907860100106)

RIZWAN AHMED (1907860100080)

Under the Supervision of (Assistant Prof.
Mrs. Shweta Chauhan)

MIET
Mangalmay
Institute of Engineering & Technology

MANGALMAY INSTITUTE OF ENGINEERING AND

TECHNOLOGY,GREATER NOIDA

AFFILIATED TO

Dr A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY,LUCKNOW

(MAY-2023)

Candidate Declaration

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature: *Amarjeet*
Name: Amarjeet Mandal
Roll No.: 1907860100014
Date.: 27 May 2023

Other Members:
Name: Ankit Maurya
Roll No.: 1907860100021

Name: Vanshaj Bhalla
Roll No.: 1907860100106

Name: Rizwan Ahmed
Roll No.: 1907860100080

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

2
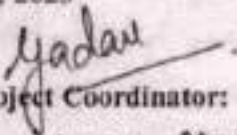
Certificate

This is to certify that Project Report entitled "ONLINE BLOG WEBSITE" which is submitted by Ankit Maurya, Amarjeet, Vanshaj, Rizwan in partial fulfillment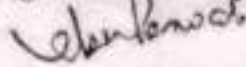 of the requirement for the award of degree B.Tech in Department of Computer Science & Engineering from Mangalmay Institute Of Engineering and Technology of Dr. A. P. J. Abdul Kalam Technical University, is a record of the candidate's ownwork carried out by them under our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date: 27 May , 2023

Signature of Project Guide:-

Signature Of Project Coordinator:

(ms. Ghanshyam Yadav)

Signature Of Examiner:

Signature of H.O.D:-
(Dr. Sanjay Panchusi)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

3

ACKNOWLEDGEMENT

It gives us a great sense of pleasure to present the report of the B.Tech Project undertaken during B.Tech Final Year. We owe special debt of gratitude to Assistant Professor *Mrs Shweta*, Department Of Computer Science Engineering, Mangalmay Institute Of Engineering and Technology for her constant support and guidance throughout the course of our work. Her sincerity, thoroughness and perseverance have been a constant source of inspiration for us. It is only her cognizant efforts that our endeavors have seen light of the day.

We also take the opportunity to acknowledge the contribution of Assistant Professor *Gyanshyam Yadav*, Project Coordinator, (Department of Computer Science & Engineering, Mangalmay Institute Of Engineering and Technology, Greater Noida) for his full support and assistance during the development of the project.

I am very much grateful to *Director Sir and Dr. Sanjay Pachauri (Head, Department of Computer Science & Engineering), Mangalmay Institute of Engineering & Technology, Greater Noida,* for his helpful attitude and encouragement in making my project.

We also would not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind assistance and cooperation during the development of our project. Last but not the least, we acknowledge our parents and friends for their constant support throughout the project.

Signature: Amarjeet , Ankit , Vbhalla , Rizwan

Date: 29 may 2023

5

CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING

PROJECT REPORT

OF MAJOR PROJECT

BACHELOR OF TECHNOLOGY

Computer Science Engineering

Batch: 2019-2023

SUBMITTED BY

DEEPAK SARASWAT	1907860100034
VINAY PRASAD	2007860109008

UNDER THE SUPERVISION OF
MR. VIPIN PANWAR

MIET
Mangalmay

MANGALMAY INSTITUTE of ENGINEERING & TECHNOLOGY
8, KNOWLEDGE PARK-II
GREATER NOIDA-201308

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW, UTTAR PRADESH

May-2023

CERTIFICATE

This is to certify that Project Report entitled **"CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING"** which is submitted by **Deepak Saraswat, Vinay Prasad** in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science & Engineering of Abdul Kalam Technical University, Lucknow Uttar Pradesh, is a record of the candidate own work carried out by him under my/our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

(Signature of Project Guide)

Name: Mr. Vipin Panwar

Designation: Assistant Professor

Date 01/06/23

(Signature of HOD)

Name: Dr. Sanjay Pachauri

(Signature of Project Coordinator)
Examiner)

(Signature of External

Name: Mr. Ghanshyam Yadav
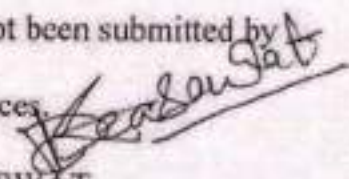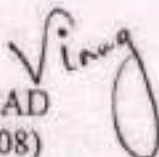
Designation: Assistant Professor

Date: 01/06/23

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

CANDIDATE'S DECLARATION
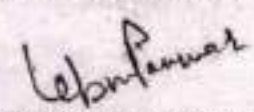
I/We hereby certify that the work which is being presented in the thesis/project/dissertation, entitled **"CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING"** in partial fulfillment of the requirements for the award of the B. Tech (CSE) submitted in the School of Computing Science and Engineering of Mangalmay Institute of Engineering and Technology, Greater Noida, is an original work carried out during the period of DEC 2022 to MAR 2023, under the supervision of MR. VIPIN PANWAR, Department of Computer Science and Engineering, of School of Computing Science and Engineering, Mangalmay Institute of Engineering and Technology, Greater Noida.
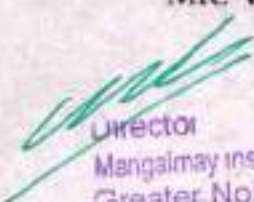
The matter presented in the thesis/project/dissertation has not been submitted by me/us for the award of any other degree of this or any other places.

DEPAK SARASWAT
(1907860100034)

VINAY PRASAD
(2007860109008)

This is to certify that the above statement made by the candidates is correct to the best of my knowledge.

MR. VIPIN PANWAR

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

ACKNOWLEDGEMENT

It gives us a great sense of pleasure to present the report of the B. Tech Project undertaken during B.Tech. Final Year. We owe special debt of gratitude to Assistant Professor Vipin Panwar, Department of Computer Science & Engineering, Mangalmay Institute of Engineering and Technology, Noida for his constant support and guidance throughout the course of our work. His sincerity, thoroughness and perseverance have been a constant source of inspiration for us. It is only his cognizant efforts that our endeavors have seen light of the day.

We also take the opportunity to acknowledge the contribution of Professor Dr. Sanjay Pachauri, Head,Department of Computer Science & Engineering, College of Engineering, Lucknow for his full support and assistance during the development of the project.

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind assistance and cooperation during the development of our project. Last but not the least, we acknowledge our friends for their contribution in the completion of the project.

Signature:

Name : Deepak Saraswat
Roll No.: 1907860100034
Date : 01/06/23

Signature:

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

Name : Vinay Prasad
Roll No.: 2007860109008
Date : 01/06/23

PROJECT REPORT
ON

"Hospital Management System"
Submitted In Partial Fulfillment of the Requirement
For the Degree of
BACHELOR OF TECHNOLOGY
In
COMPUTER SCIENCE AND ENGINEERING DEPARTMENT
Submitted By
Satish Kumar(1907860100089)
Murari Jee(1907860100055)

Under the Supervision of
Assistant Prof.
Ms.Meghali Das

MIET
Mangalmay
Institute of Engineering & Technology

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY

GREATER NOIDA

AFFILIATED TO

Dr. APJ Abdul Kalam Technical University

Lucknow, Uttar Pradesh

May,2023

Candidate Declaration

We hereby declare that this submission is our own work and that to the best of our knowledge and belief. It contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature:
Name: Satish Kumar
Roll No: 1907860100089
Date: 01/06/2023
Satish kumar

Signature:
Name: Murari Jee
Roll No: 1907860100055
Date: 01/06/2023
murarijee

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

I

Certificate

This is to certify that Project Report entitled **"Hospital Management System"** which is submitted by Satish Kumar & Murari Jee and in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science of Abdul Kalam Technical University, is a record of the candidate own work carried out by him under my/our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date: 01|06|2023

Supervisor:

Signature of Project Coordinator:

Signature of HOD:

Signature of Examiner:

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

II

ACKNOWLEDGEMENT

Successfully completing any task gives us satisfaction as well as internal strength for future problems but the person alone has never existed. He is truly accompanied by few people. They use to give the person support as well as suggestion to successfully complete the work. So I feel pleasure for thanking all such great people who motivates me and provides me kind support at all stages of my Project work.

Firstly, I would like to honor my institute *"Mangalmay Institute of Engineering & Technology, Greater Noida"*. Here I have been provided with a workplace and infrastructure to learn recent technologies and conceptual background to strengthen my programming and professional skills.

I am very much grateful to *Director Sir and Dr. Sanjay Pachauri (Head, Department of Computer Science & Engineering), Mangalmay Institute of Engineering& Technology, Greater Noida,* for his helpful attitude and encouragement in making myproject.

I would like to express my sincere heartfelt gratitude to my honorable, esteemed Final year Project Coordinator / supervisor *Ghanshyam Yadav (Assistant Professor, Department of Computer Science and Engineering)* for his/her kind and valuable guidance for the successful completion of theproject work. I am glad to work under his/her supervision.

Furthermore, I am thankful to, all faculty members for motivating me and to the *Staffs of computer labs* in the department for providing excellent valuable facility as well as issuing me a computer system of good configuration and providing regular maintenance.

I would like to extend special thanks to all my batch mates for their love, encouragement and constant support.

Last but not least I would like to thank my parents for supporting me to complete my project report in all ways.

1. Satish kumar
2. murari Jee

IV

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(i) That the particulars furnished in the application are true and correct and not misleading in any manner;

Name of Project: Hospital Management System

Name of Research Paper: (Hospital Management System)

Name of Members: - 1. Satish Kumar

2. Murari Jee

Signature with Date: 01/06/2023

Satish Kumar

01/06/2023

murarijee

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

III

A PROJECT REPORT

ON

"SENTIMENTS ANALYZER"

Submitted in partial fulfilment of the requirement for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

"COMPUTER SCIENCE & ENGINEERING / IT"

UNDER THE SUPERVISION OF-

MR GHANSYAM YADAV

SUBMITTED BY;

SALBIKUMARISINHA
1878610053
AMRITA SINGH
1878610007

i

CERTIFICATE

Certified that **SALBI KUMARI SINHA,** and **AMRITA SINGH** has carried out the research work presented in this dissertation entitled **"SENTIMENTS ANALYZER"** for the award of Bachelor of Technology in CSE/IT from DGI- under my supervision. The dissertation embodies result of original work and studies carried out by students themselves and the contents of the dissertation do not form the basis for the award of any other degree to the candidates or to anybody else.

Project Guide

Prof; Ghansyam yadav

Department of CSE/IT

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

iii

MANGALMAY INSTITUTE OF ENGENEERING & TECHNOLOGY
(Affiliated to AKTU - Lucknow, Uttar Pradesh)
2022-2023

CANDIDATE DECLARATION

We declare that this written submission represents our work and ideas in our own words and where other's ideas and words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and has not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of above will be cause of disciplinary action by the University 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.

SALBI KUMARI SINHA (1878610053)

AMRITA SINGH (1878610007)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

ACKNOWLEDGEMENT

It is always a difficult task to acknowledge all those who have been of tremendous help in an academic project of this nature and magnitude nevertheless, we have made a sincere attempt to express our gratitude to all those who have contributed to the successful completion of this project through this project report.

As we represent this report on **"SENTIMENTS ANALYZER"** we are aware of the humanity and gratitude to all the individuals who have so kindly offered us their time, skill, knowledge, advice and facilities or guidance.

We are extremely grateful to **Prof. GHANSHYAM YADAV** for giving her valuable input and opportunity to develop this project and making all the resources available to us with the intension of success of this project.

We would also like to than

for his idea, advice, knowledge and about all his support throughout this project.

We also take this opportunity to express my deepest gratitude to our **Project Guide** and our faculty **Prof.GHANSYAM YADAV** for her constant support, guidance and encouragement and thus being a constant source of inspiration for us.

Last but not the least we would like to thank my parents, all the employees and all my friends who have always been a strong support during the entire

1. Salbi Sinha
2. Amrita Singh

A PROJECT REPORT

ON

"SENTIMENTS ANALYZER"

Submitted in partial fulfilment of the requirement for the award of the degree Of

BACHELOR OF TECHNOLOGY
In

COMPUTER SCIENCE AND ENGINNERING DEPARTMENT

SUBMITTED BY

SHUBHAM MADDHESHIYA (1907860100101)
UNDER THE SUPERVISION OF MR.

GHANSHYAM YADAV

(ASSISTANCE PROFESSOR CSE)

MIET
Mangalmay

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGYGREATER NOIDA-201308

Affiliated to

Affiliated to

DR.APJ ABDUL KALAM TECHNICAL
UNIVERSITY, UTTAR PRADESH, LUCKNOW

(MAY-2023)

i

CERTIFICATE

This is to certify that the work reported in the B. Tech. project report entitled "SENTIMENTS ANALYZER", submitted by **Shubham Maddheshiya** Roll No **1907860100101** at **Mangalmay Institute of Engineering and Technology**, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India is a Bonafede record of his original work carried out under my supervision. This work has not been submitted elsewhere for any other degree or diploma.

Yadav

(Signature of Project Guide)

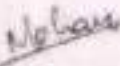Name: Mr. Ghanshyam Yadav

Designation: Assistant Professor Date: 31^h May, 2023

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

iv

DECLARATION

I Shubham Maddheshiya Roll Number **1907860100101** is a Bonafede student of the Department of Computer Science and Engineering at Mangalmay Institute of Engineering and Technology, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, would like to declare that B. Tech. project report entitled "**SENTIMENTS ANALYZER**" submitted by me in partial fulfillment of requirement for the degree of Bachelor of Technology in Computer Science and Engineering is my original work.

Signature: *Shubham*

Name: Shubham Maddheshiya

Roll No: 1907860100101

Date: 01/06/2023

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

(Signature of Guide)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786)

ii

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to our mentor, Mr. Ghanshyam Yadav,for dedicating their time and providing valuable guidance throughout the project. Their insights and suggestions were instrumental in our project's successful completion. I am truly grateful for their unwavering support.

I would also like to acknowledge my team members for their hard work and collaboration. It was a pleasure working with them, and I appreciate their contributions to this project.

Lastly, I would like to express my gratitude to all the resources we have utilized during our research and development. Without their valuable contributions, our project would not have been possible.

Signature:

Name: Shubham maddheshiya

Roll No:1907860100074

Date: 01/06/2023

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

iii

PROJECT REPORT
ON

ENHANCING SYSTEM RELIABILITY THROUGH CONVERSATIONAL AI WITH DATA FLOW CONTROL

For the partial fulfillment of requirements for the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted By:
AMBUJ PATHAK (1907860100015)
ANUBHAV BHATT (1907860100023)
MOHAN PANDEY (1907860100052)
BURHAN AYOUB (2007860109002)
B.TECH (CSE) 4th Year

Under the Guidance of:
DR. SANJAY PACHAURI (HOD CSE)

Mangalmay Institute of Engineering & Technology, Greater Noida

MIET
Mangalmay

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
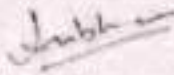
Approved by AICTE and affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow

May-2023
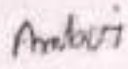
Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786
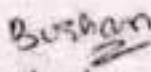
DECLARATION

We, **Anubhav Bhatt, Mohan Pandey, Ambuj Pathak, and Burhan Ayoub** Roll Number **1907860100023, 1907860100052, 1907860100015, 2007860109002** Bonafide students of the Department of Computer Science and Engineering at Mangalmay Institute of Engineering and Technology, GreaterNoida, Gautam Buddha Nagar, Uttar Pradesh, would like to declare that B. Tech. project report entitled **"Enhancing system reliability through conversational AI with data flow control"** submitted by me in partial fulfillment of the requirement for the degree of Bachelor of Technology in Computer Science and Engineering is my original work.
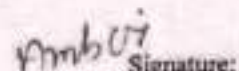
Signature: _____
Name: Anubhav Bhatt
Roll No: 1907860100023
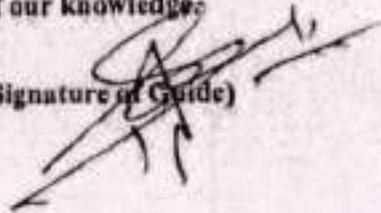
Signature: _____
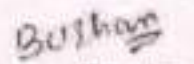Name: Mohan Pandey
Roll No: 1907860100052

Signature: _____
Name: Ambuj Pathak
Roll No: 1907860100015

Signature: _____
Name: Burhan Ayoub
Roll No: 2007860109002

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

(Signature of Guide)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

2

SUPERVISORS' CERTIFICATE

This is to certify that the work reported in the B. Tech. project report entitled "Enhancing system reliability through conversational AI with data flow control", submitted by Anubhav Bhatt, Mohan Pandey, Ambuj Pathak, Burhan Ayoub Roll No 1907860100023, 1907860100052, 1907860100015, 2007860109002 at Mangalmay Institute of Engineering and Technology, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India is a bonafide record of his original work carried out under my supervision. This work has not been submitted elsewhere for any other degree or diploma.

(Signature of HOD)

Name: Dr. (Prof.) Sanjay Pachauri
Designation: Professor
Date: 29th May 2023

(Signature of External)

(Signature of Project Guide)

Name: Dr. (Prof.) Sanjay Pachauri
Designation: Professor
Date: 29th May 2023

(Signature of Project Coordinator)

Name: Mr. Ghanshyam Yadav
Designation: Assistant Professor
Date: 29th May 2023

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

3
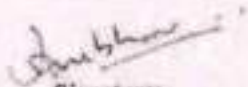
Acknowledgment

I would like to express my sincere gratitude to our mentor, Mr. Ghanshyam Yadav, for dedicating their time and providing valuable guidance throughout the project. Their insights and suggestions were instrumental in our project's successful completion. I am truly grateful for their unwavering support.

I would also like to acknowledge my team members for their hard work and collaboration. It was a pleasure working with them, and I appreciate their contributions to this project.

Lastly, I would like to express my gratitude for all the resources we have utilized during our research and development. Without their valuable contributions, our project would not have been possible.

Signature:
Name: Anubhav Bhatt
Roll No: 1907860100023

Signature:
Name: Mohan Pandey
Roll No: 1907860100052

Signature:
Name: Ambuj Pathak
Roll No: 1907860100015

Signature:
Name: Burhan Ayoub
Roll No: 2007860109002

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

Project Report
on

BOOK RECOMMENDATION
USING COLLABORATIVE FILTERING
In partial fulfillment of requirements for the degree of

BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE & ENGINEERING

Submitted By:
Nidhi (1907860100059)
Shashank Kumar (1907860100095)
Swati Kiran (1907860100104)
B. Tech (CSE) 4th Year

Under the Guidance of:
Ms. Pooja Sharma (Assistant Professor)

Mangalmay Institute of Engineering & Technology,
Greater Noida

MIET
Mangalmay
Institute of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Approved by AICTE and affiliated to Dr. A.P.J. Abdul Kalam Technical
University, Uttar Pradesh, Lucknow

May 2023

Project Report

on

BOOK RECOMMENDATION
USING COLLABORATIVE FILTERING

In partial fulfillment of requirements for the degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE & ENGINEERING

Submitted By:

Swati (1907860100104) Nidhi (1907860100059), Shashank (1907860100095)

B. Tech (CSE) 4thyear

Under the Guidance of:

Mrs. Pooja Sharma (Assistant Professor)

Mangalmay Institute of Engineering & Technology, Greater Noida
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Approved by AICTE and affiliated to Dr. A.P.J. Abdul Kalam Technical
University, Uttar Pradesh, Lucknow)
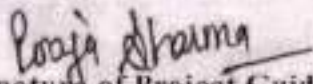
May 2023

SUPERVISORS' CERTIFICATE

This is to certify that the work reported in the B. Tech. project report entitled "BOOK RECOMMENDATION USING COLLABORATIVE FILTERING", submitted by **Nidhi** Roll No **1907860100059** at **Mangalmay Institute of Engineering and Technology**, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India is a bonafide record of his original work carriedout under my supervision. This work has not been submitted elsewhere for any other degreeor diploma.

Pooja Sharma

(Signature of Project Guide)

Name: Ms. Pooja Sharma

Designation: Assistant ProfessorDate: 29th May, 2023

Yadav

(Signature of Project Coordinator)

Name: Mr. Ghanshyam Yadav

Designation: Assistant ProfessorDate: 29th May, 2023

(Signature of HOD)

Name: Dr. Sanjay Pachauri

Designation: Assistant ProfessorDate: 29th May, 2023

(Signature of External Examiner)

DECLARATION

I **Nidhi** Roll Number **1907860100059** is a bonafide student of the Department of Computer Science and Engineering at Mangalmay Institute of Engineering and Technology, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, would like to declare that B. Tech. project report entitled "**BOOK RECOMMENDATION USING COLLABORATIVE FILTERING**" submitted by me in partial fulfillment of requirement for the degree of Bachelor of Technology in Computer Science and Engineering is my original work.

Shashank Ku.
(1907860100095)

Swati
(1907860100104)

Nidhi (1907860100059)

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

(Signature of Guide)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786)

ACKNOWLEDGEMENT

In the accomplishment of completion of my project on **Book Recommendation using Collaborative Filtering**. I would like to convey my special gratitude to **Ms. Pooja Sharma**, of COMPUTER SCIENCE DEPARTMENT of **MANGALMAY INSTITUTE ENGINEERING & TECHNOLOGY**.

Your valuable guidance and suggestions helped me in various phases of the completion of this project. I will always be thankful to you in this regard.

Team Members:

SWATI KIRAN (1907860100104)

NIDHI (1907860100059)

SHASHANK KUMAR (1907860100095)

PROJECT GUIDE SIGNATURE

SIGNATURE: _Pooja Sharma_

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

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This is to undertake the "**Book Recommendation Using Collaborative Filtering**" project. Has been registered by the "**Mangalmay Institute of Engineering & Technology**" as a copyright society and permitted to commence and carry-on copyright business in college project work.The registration and the permission hereby granted are subject to the following conditions and are liable to be canceled on non-compliance with, or contravention of, any of them, namely: -

(i) That the particulars furnished in the application are true and correct and notmisleading in any manner;

Name of Project: Book Recommendation Using Collaborative Filtering

Name of Research Paper: (Book Recommendation Using Different Filtering Techniques)

Name of Members: - 1. Swati Kiran ~~Swati~~

2. Nidhi *Nidhi*

3. Shashank Kumar *Shashank*

Signature with Date: 30/05/23

Project Report

On

Mangalmay Paathshala

in the partial fulfilment of the requirements for the award of the degree of

Bachelor of Technology

In

Computer Science and Engineering

Submitted By: -

- **Gaurav Gahlawat (1907860100038)**
- **Kush Sharma (1907860100045)**
- **Shubham Gola (1907860100100)**
- **Gaurav Dubey (1907860100037)**

BTECH-CSE (4ᵀᴴ Year)

Under the Guidance of: -
➢ Mrs Shivangi Chauhan
(Assistant Professor CSE)

MIET
Mangalmay
Institute of Engineering & Technology

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY,
GREATER NOIDA

Dr. A.P.J ABDUL KALAM TECHNICAL UNIVERSITY (AKTU)
LUCKNOW

May 2023

SUPERVISOR'S CERTIFICATE

This is to certify that the work reported in the B. Tech. project report entitled "Mangalmay paathshala" submitted by **Kush Sharma (1907860100045), Shubham Gola (1907860100100), Gaurav Gahlawat (1907860100038), Gaurav Dubey (1907860100037).**

At **Mangalmay Institute of Engineering and Technology,** Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India is a bonafide record of his original work carried out under our supervision. This work has not been submitted elsewhere for any other degree or diploma.

Signature of Project Guide:-

Name: Mrs Shivangi Chauhan

Designation: Assistant Professor

Date: 29ᵗʰ May, 2023

Signature of HOD:-

Name: Mr Sanjay Raghuri

Designation: Head Of Department

Date: 29ᵗʰ May, 2023

Signature of Project Coordinator:-

Name: Mr. Ghanshyam Yadav

Designation: Assistant Professor

Date: 29ᵗʰ May, 2023

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

DECLARATION

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent 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.

Name:- Kush Sharma
Signature
Roll no:-1907860100045

Name:- Shubham Gola
Signature
Roll no:-1907860100100

Name:- Gaurav Gahlawat
Signature Gaurav. Gahlawat.
Roll no:-1907860100038

Name :-Gaurav Dubey
Signature Gaurav dubey
Roll no:- 1907860100037

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

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This is to undertake that the project Entitled **"MANGALMAY PAATHSHALA"** Has been registered by the **"Mangalmay Institute of Engineering & Technology"** as a copyright society and permitted to commence and carry-on copyright business in college project work.

The registration and the permission hereby granted are subject to the following conditions and liable to be cancelled on non-compliance with, or contravention of, any of them, namely: -

(i) That the particulars furnished in the application are true and correct and not misleading in any manner;

- **Name of Project: Mangalmay Paathshala**

- **Name of Research Paper:- Paathshala: A virtual classroom**

- **Name of Members:- Gaurav Gahlawat**
  Kush Sharma
  Shubham Gola
  Gaurav Dubey

Director
Mangalmay Institute of Engineering & Technolo
Greater Noida (U.P.)-201310
College Code-786

Signature with date:- Kush Sharma
11/06/23
Gaurav Gahlawat,
(1/06/23)

Gola
01/06/23

Gaurav dubey
(01/6/23)

A PROJECT REPORT
ON CHATBOT
FOR COLLEGE ENQUIRY SYSTEM

For the partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY
In
COMPUTER SCIENCE AND ENGINEERING

Submitted By
Atul Kumar Singh (1907860100027)
Amit Chaurasia (1907860100017)
Amit Kumar (1907860100016)
Shivani Raj (1907860100098)

Under the Supervision of
Ms. Shweta Chauhan

MIET
Mangalmay
Institute of Engineering & Technology

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY, GREATER NOIDA

Affiliated to

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW

2022-2023

Certificate

This is to certify that the Project report entitled **"Chatbot for college enquiry system"** done by **Atul Kumar Singh (1907860100027)**, **Amit Chaurasia (1907860100017)**, **Amit Kumar (1907860100016)**, **Shivani Raj (1907860100098)** of Mangalmay institute of engineering and technology, Greater Noida under my guidance. The matter embodied in this project work has not been submitted earlier for the award of any degree or diploma to the best of my knowledge and belief.

Date: 29-05-2023

Ms. Shweta Chauhan
Signature of supervisor
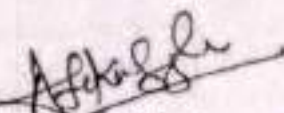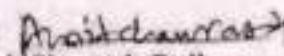
Dr. Sanjay Pachauri
Head of department

Signature of External Examiner

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

iii

Declaration
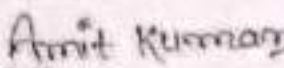
We hereby declare that the project work presented in this report entitled **"Chatbot for College Enquiry System"**, in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science & Engineering, submitted to A.P.J. Abdul Kalam Technical University, Lucknow, is based on our own work carried out at Department of Computer Science & Engineering, Mangalmay

Institute of Engineering & Technology, Greater Noida. The work contained in the report is true and original to the best of our knowledge and project work reported in this report has not been submitted by us for award of any other degree or diploma.
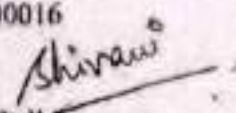
Signature:

Name: Atul Kumar Singh

Roll No:1907860100027

Signature:

Name: Amit Chaurasia Roll

No: 1907860100017

Signature:
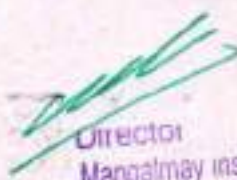
Name: Amit Kumar

Roll No: 1907860100016

Signature:

Name: Shivani Raj Roll

No:1907860100098

Date: 29-05-2023

Place: Greater Noida

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-766

ii

Acknowledgement

The merciful guidance bestowed to us by the almighty made us stick out this project to a successful end. We humbly pray with sincere heart for his guidance to continue forever.
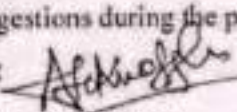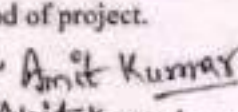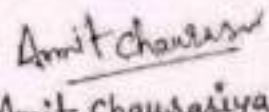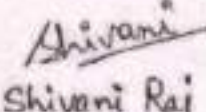
We pay thanks to our project guide **Ms. Shweta Chauhan** who has given guidance and light to us during this project. His/her versatile knowledge has helped us in the critical times during the span of this project.

We pay-special thanks to our Head of Department **Dr. Sanjay Pachauri** who has been always present as a support and help us in all possible way during this project.

We also take this opportunity to express our gratitude to all those people who have been directly and indirectly with us during the completion of the project.

We want to thanks our friends who have always encouraged us during this project.

At the last but not least thanks to all the faculty of CSE department who provided valuable suggestions during the period of project.

Signature: _____ Amit Kumar Amit Chaurasw Shivani

Name: Atul Kumar Singh , Amit Kumar , Amit Chaurasiya , Shivani Raj

Roll. No: 1907860100027
Date: 29-05-2023

iv

Project Report
On
AI Recommendation System, Analysis and Visualization of data using Dashboard
(DocTube Platform)

Submitted In Partial Fulfilment of the Requirement

For the Degree of Bachelor of Technology
In
Computer Science and Engineering Department
By

Vishal Pandey (1907860100110)

Sachin Sharma (1907860100083)

Sachin Kumar Sharma (1907860100084)

Mangalmay Institute of Engineering & Technology, Greater Noida
Department of Computer Science and Engineering

Affiliated To

Dr. A.P.J Abdul Kalam Technical University, Lucknow

2022-2023

CERTIFICATE

This is to certify that Project Report entitled "AI Recommendation System, Analysis and Visualization of data using Dashboard (DocTube Platform)" which is submitted by Sachin Sharma in partial fulfilment of the requirement for the award of degree B.Tech in Department of Computer Science & Engineering from Greater Noida College of Technology of Dr. A. P. J. Abdul Kalam Technical University, is a record of the candidate's own work carried out by them under our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date: 29 May 2023

Supervisor
"Mr. Ghanshyam Yadav"

Guide
"Ms. Meghali Das"

Head of Department (C.S.E)
"Dr. Sanjay Puchruri"

Signature of external

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

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ACKNOWLEDGMENT

It gives us a great sense of pleasure to present the report of the B. Tech Project undertaken during B. Tech Final Year. We owe special debt of gratitude to Professor Ms. Meghali Das for her constant support and guidance throughout the course of our work. Her sincerity, thoroughness and perseverance have been a constant source of inspiration for us. It is only her cognizant efforts that our endeavors have seen light of the day.
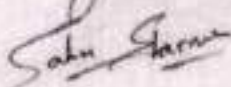
We also take the opportunity to acknowledge the contribution of Mr. Ghanshyam Yadav, Assistant Professor, Department of Computer Science & Engineering, Mangalmay Institute of Engineering and Technology, Greater Noida for his full support and assistance during the development of the project.

We also would not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind assistance and cooperation during the development of our project. Last but not the least, we acknowledge our parents and friends for their constant support throughout the project. Signature

Signature:

Name: Sachin Sharma
Roll No: 1907860100083
Date: 29 May 223

Signature:

Name: Sachin Kumar Sharma
Roll No: 1907860100084
Date: 29/05/2023

Signature:

Name: Vishal Pandey
Roll No: 1907860100110
Date: 29 May 2023

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

v

DECLARATION

I hereby declare that this project work entitled "**AI Recommendation System, Analysis and Visualization of data using Dashboard (DocTube Platform)**" has been prepared by me and my team during the year 2022 – 2023 under the guidance of Ms. Meghali Das, Department of Computer Science, Mangalmay Institute of Technology, Greater Noida in the partial fulfilment of B. Tech degree prescribed by the college.

I also declare that this project is the outcome of my own and my team's effort, that it has not been submitted to any other university for the award of any degree.

Signature:

Name: Sachin Sharma

Roll No: 1907860100083

Date: 29 May 2023

Sachin Sharma,
1907860100084

Vishal Pandey
1907860100110.

This is to certify that the above statement made by the candidates is correct to the best of our knowledge

(Signature of Guide)

i

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The registration and the permission hereby granted are subject to the following conditions and liable to be cancelled on non-compliance with, or contravention of, any of them, namely: -

(i)   That the particulars furnished in the application are true and correct and not misleading in any manner;

Name of Project: **"AI Recommendation System, Analysis and Visualization of data using Dashboard (DocTube Platform)"**

Name of Research Paper: **("AI Recommendation System, Analysis and Visualization of data using Dashboard (DocTube Platform)")**

Name of Members: -

1. Vishal Pandey
2. Sachin Sharma
3. Sachin Kumar Sharma

Signature with Date

Successfully completing any task gives us satisfaction as well as internal strength for future problems but the person alone has never existed. He is truly accompanied by few people. They used to give the person support as well as suggestions to successfully complete the work. So I feel pleasure for thanking all such great people who motivate me and provide me kind support at all stages of my Project work.

Firstly, I would like to honour my institute *"Mangalmay Institute of Engineering & Technology, Greater Noida"*. Here I have been provided with a workplace and infrastructure to learn recent technologies and conceptual background to strengthen my programming and professional skills.

I am very much grateful to *Director Sir and Dr. Sanjay Pachauri (Head, Department of Computer Science & Engineering), Mangalmay Institute of Engineering & Technology, Greater Noida*, for his helpful attitude and encouragement in making my project.

I would like to express my sincere heartfelt gratitude to my honourable, esteemed Final year Project Coordinator / supervisor *Ghanshyam Yadav (Assistant Professor, Department of Computer Science and Engineering)* for his kind and valuable guidance for the successful completion of the project work. I am glad to work under his/her supervision. Furthermore, I am thankful to all faculty members for motivating me and to the *Staff of computer labs* in the department for providing excellent valuable facilities as well as issuing me a computer system of good configuration and providing regular maintenance. Last but not least I would like to thank my parents for supporting me to complete my project report in all ways.

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

iii

A
Project Report
on

TRAVEL ADVISORY

Submitted in partial fulfillment of the requirements for the award of the degree of

Bachelor of Technology

In

Computer science and engineering

DR. A.P.J. ABDUL ALAM TECHNICAL UNIVERSITY LUCKNOW

Submitted by :

Priyanshu Saxena (1907860100069)
B.TECH(C.S.E) 4th YEAR

Under The Guidance of :

Ms. Monika

(Assistant Professor)

MIET
Mangalmay
Institute of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Mangalmay Institute of Engineering And Technology, Greater Noida

(Approved by AICTE and affiliated to Dr .A.P.J Abdul Kalam technical university , UTTAR PRADESH,LUCKNOW)

MAY-2023

(I)

CERTIFICATE
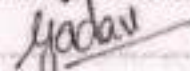
This is to certify that the report entitled **"TRAVEL ADVISORY"** submitted by **"Priyanshu Saxena 1907860100069"** to **Mangalmay Institute of engineering & Technology** towards the fulfillment of requirements of the degree of **"Bachelor of Technology"** is record of bonafide final year Project work carried out by him in the "Department of Computer Science and Engineering, School of Engineering and Technology, Mangalmay University of Engineering and Technology." The results/findings contained in this project have not been submitted in part or full to any other University/Institute for award of any Degree/Diploma.

Signature of Project guide:

Name: Ms. Monika

Designation: Asst. Prof (CSE)

Signature of Project Coordinator

Name: Mr. Ghanshyam Yadav

Designation: Asst.Prof (CSE)

Signature of Head of Department:
....
Name: Dr. Sanjay Pachauri
MIET, Greater Noida

Signature of External Examiner
....

(III)

ACKNOWLEDGEMENT

A major project is a golden opportunity for learning and self-development. We consider ourselves very lucky and honored to have so many wonderful people lead us through in completion of this project.

First and fore most we would like to thank to Head of Department, CSE who gave us an opportunity to undertake this project.

My grateful thanks to **Ms. Monika** for their guidance in our project work.

Ms. Monika, who despite being extraordinarily busy with academics, took time out to guide and keep us on the correct path. We do not know where we would have been without her help.

The CSE department monitored our progress and arranged all facilities to make life easier. We choose this moment to acknowledge their contribution gratefully.

Name: *Priyanshu Saxena*

Priyanshu Saxena

(1907860100069)   01/06/2023

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

(x)

DECLARATION

I Priyanshu Saxena Roll Number 1907860100069 is a bonafide of the Department of Computer Science and Engineering at Mangalmay Institute of Engineering and Technology, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, would like to declare that B.Tech project entitled " TRAVEL ADVISORY" submitted by me in partial fulfillment of requirement for the degree of Bachelor of Technology in Computer Science and Engineering in my original work.

Signature: *Priyanshu Saxena*

Priyanshu Saxena

(1907860100069)

Date: 01/06/2023

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

(II)

A

PROJECT REPORT

On

Virtual Assistant - SPARROW

In the partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE & ENGINEERING

SUBMITTED BY

Quamar Mehboob – (1907860100072)

Rahbar Naushad – (1907860100072)

Aman Mahal – (1907860100013)

UNDER THE GUIDANCE OF

Mr. Ghanshyam Yadav

(ASSISTANT PROFESSOR)

MIET
Mangalmay
Institute of Engineering & Technology

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY,

KNOWLEDGE PARK-II GREATER NOIDA-201301

AFFILATED TO- DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW -
UTTAR PRADESH

(May-2023)

CERTIFICATE

Certified that **Quamar Mehboob** (Roll No.: 1907860100071), **Rahbar Naushad** (Roll No.: 1907860100072) & **Aman Mahal** (Roll No.: 1907860100013) has carried out the research work presented in this thesis entitled **"Virtual Assistant - Sparrow"** for the award of **Bachelor of Technology (CSE)** from Uttar Pradesh Technical University, Lucknow under our supervision. The thesis embodies results of original work, and studies as are carried out by the student himself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

Signature: ....

Under The Guidance of

Mr. Ghanshyam Yadav

Assistant Professor

MIET, Gr. Noida

Signature: ....

Coordinator

Mr. Ghanshyam Yadav

Assistant Professor

MIET, Gr. Noida

Signature: ....

Head Of Department

Dr. Sanjay Pachauri

MIET, Gr. Noida

Signature: ....

External Examiner

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

DECLARATION

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature:

Name: Quamar Mehboob

Roll No: 1907860100071

Date: 01/06/23

Signature:

Name: Rahbar Naushad

Roll No: 1907860100072

Date: 01/06/23

Signature:

Name: Aman Mahal

Roll No: 1907860100013

Date: 01/06/23

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

ACKNOWLEDGEMENT

This is a great opportunity to acknowledge and to thanks all those persons without whose support and help this project would have been impossible. We would like to add a few heartfelt words for the people who were part of this project in numerous ways.

First, I would like to thanks to my project supervisor Mr. Ghanshyam Yadav, for his indefatigable guidance, valuable suggestion, moral support, constant encouragement and contribution of time for the successful completion of project work. He always gave me freedom to think broadly and deeply into my research.

I am extremely grateful to Director Sir, Dr. Sanjay Pachauri, HOD of Computer Science & Engineering, Mr. Ghanshyam Yadav Associate Professor, Ms. Shweta Chouhan Assistant Professor of Computer Science & Engineering for proof reading and their helpful comments and advice. We would like to thank all those who helped us directly or indirectly.

Last but not the least; I would like to thank God for not letting me down at the time of crisis and showing me the silver lining in the dark clouds.

STUDENTS NAME

QUAMAR MEHBOOB – (1907860100071)
RAHBAR NAUSHAD – (1907860100072)
AMAN MAHAL – (1907860100013)

Director
Mangalmay Institute of Engineering & Technology
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Name of Project: Virtual Assistant - Sparrow

Name of Research Paper: (Virtual Assistant - Sparrow)

Name of Members: -   1 - **Quamar Mehboob**

2 - **Rahbar Naushad**

3 - **Aman Mahal**

Signature with Date:

PROJECT REPORT
on
MULTI BANKING SYSTEM

In partial fulfillment of requirements for the degree of

BACHELOR OF TECHNOLOGY

Computer Science and Engineering

SUBMITTED BY

Satyam Kumar (1907860100091)

Amit Singh (1907860100018)

Rishabh Kumar (1907860100076)

Priyanshu Rai (1907860100070)

Under the Supervision of

Mr. Ghanshyam Yadav

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY, GREATER NOIDA
affiliated to

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

Dr. A.P.J ABDUL KALAM TECHNICAL UNIVERSITY(AKTU)
LUCKNOW
(2022-23)

CERTIFICATE

This is to certify that Project Report entitled "Multi-Banking System" which is submitted by Satyam Kumar, Amit Singh, Rishabh Kumar and Priyanshu Rai in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science of Abdul Kalam Technical University, is a record of the candidate own work carried out by him under my/our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

SIGNATURE

Mr. Ghanshyam Yadav
(Assistant Professor)
MIET, Gr. Noida

SIGNATURE
Dr. Sanjay Pachauri
(Head of Department)
MIET, Gr. Noida

SIGNATURE:

Mr. Ghanshyam Yadav
(Project Coordinator)
MIET, Gr. Noida

SIGNATURE:
(Examiner)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786)

II

DECLARATION

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Signature:

Name: Satyam Kumar

Roll No.:1907860100091

Signature:
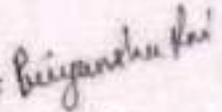
Name: Amit Singh

Roll No.: 1907860100018

Signature:

Name: Rishabh Kumar

Roll No.: 1907860100076

Signature:

Name: Priyanshu Rai

Roll No.: 1907860100070

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

I

ACKNOWLEDGEMENT

This is a great opportunity to acknowledge and to thanks all those persons without whose support and help this project would have been impossible. We would like to add a few heartfelt words for the people who were part of this project in numerous ways.

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I am extremely grateful to Dr. Sanjay Pachauri, HOD of Computer Science & Engineering, for proof reading and their helpful comments and advice. We would like to thank all those who helped us directly or indirectly.

Last but not the least; I would like to thank God for not letting me down at the time of crisis and showing me the silver lining in the dark clouds.

(Team Members)
Satyam Kumar
Amit Singh
Rishabh Kumar
Priyanshu Rai

Director
Mangalmay Institute of Engineering & Technology
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Name of Project: <u>MULTI-BANKING SYSTEM</u>

Name of Research Paper: (MULTI-BANKING SYSTEM)

Name of Members: - 1. SATYAM KUMAR
2. AMIT SINGH
3. RISHABH KUMAR
4. PRIYANSHU RAI

Signature with Date: 01/06/2023

III

A
PROJECT REPORT
ON
DIABETES-PREDICTION MODEL
BY USING MACHINE LEARNING

For the partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINNERING DEPARTMENT

BY

RAJAT KUMAR VERMA (1907860100074)

RISHIKESH CHOUDHARY (1907860100078)

RITIK PATEL (1907860100079)

SATYA PRAKASH SHARMA (1907860100090)

UNDER THE SUPERVISION OF
MR. GHANSHYAM YADAV
(ASSISTANT PROFESSOR CSE)

MIET
Mangalmay
Institute of Engineering & Technology

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY,
GREATER NOIDA-201308
Affiliated to

DR.APJ ABDUL KALAM TECHNICAL UNIVERSITY,

UTTAR PRADESH, LUCKNOW

(MAY-2023)

1
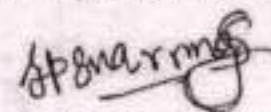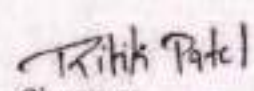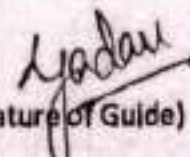
DECLARATION

I Ritik Patel Roll Number 1907860100079 is a Bonafede student of the Department ofComputer Science and Engineering at Mangalmay Institute of Engineering and Technology, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, would like to declare that B. Tech. project report entitled "Diabetes prediction model by using machine learning" submitted by me in partial fulfillment of requirement for the degree of Bachelor of Technology in Computer Science and Engineering is my original work.

RAJAT

1. Rajat Kr. Verma.
   Roll No- 1907860100074

2. RishiKesh choudhary
   Roll No.- 1907860100078

3. Satya Prakesh Sharma.
   Roll No.- 1907860100090

4.

Signature:
Name: Ritik Patel
Roll No: 1907860100079
Date:

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

(Signature of Guide)

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

2

CERTIFICATE

This is to certify that the work reported in the B. Tech. project report entitled "Diabetes prediction model by using machine learning", submitted by **Rishikesh Choudhary** Roll No **1907860100078** at **Mangalmay Institute of Engineering and Technology,** Greater Noida, Gautam Buddha Nagar,Uttar Pradesh, India is a bonafide record of his original work carried out under my supervision. This work has not been submitted elsewhere for any other degree or diploma.

(Signature of HOD)

Name: Mr. Sanjay Pachauri

Designation: Head of Department

Date:

(Signature of Project Guide)

Name: Mr. Ghanshyam Yadav

Designation: Assistant Professor

Date:

(Signature of Project coordinator)

Name: Mr. Ghanshyam Yadav

Designation: Assistant Professor

Date:

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to our mentor, Mr. Ghanshyam Yadav, for dedicating their time and providing valuable guidance throughout the project. Their insights and suggestions were instrumental in our project's successful completion. I am truly grateful for their unwavering support.

I would also like to acknowledge my team members for their hard work and collaboration. It was a pleasure working with them, and I appreciate their contributions to this project.

Lastly, I would like to express my gratitude to all the resources we have utilized during our research and development. Without their valuable contributions, our project would not have been possible.

Signature: RAJAY

Name: Rajat Kumar Verma

Roll No:1907860100074

Date:

Signature: Rishi Choudhary

Name: Rishikesh Choudhary

Roll No: 1907860100078

Date:

Signature: Ritik Patel

Name: Ritik Patel

Roll No: 1907860100079

Date:

Signature:

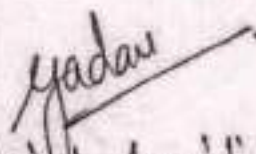Name: Satya Prakash Sharma

Roll No: 1907860100090

Date:

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
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Name of Project: Diabetes prediction model by using machine learning

Name of Research Paper: (Diabetes prediction model by using machine learning)

Name of Members: -   1 – Rajat Kumar Verma   RAJAT

2- Rishikesh Choudhary   Rishi choudhary

3 – Ritik Patel   Ritik Patel

4 – Satya Prakash Sharma   SPSharma

Signature with Date

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege code-786

Project Report

on

INTRUSION DETECTION SYSTEM

In partial fulfillment of requirements for the degree of

Bachelor of Technology

in

Computer Science & Engineering

Submitted By:
ABHISHEK PAYALA (1907860100006)
ABHISHEK THAKUR (1907860100007)
GOURAV KUMAR (1878610018)
UTSAV SARKAR (1878610060)

B. Tech (CSE) 4th Year

Under the Guidance of:

Bhupendra Bhadana
(Associate Professor)

Mangalmay Institute of Engineering & Technology, Greater Noida
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Approved by AICTE and affiliated to Dr. A.P.J. Abdul Kalam Technical
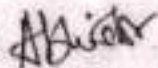University, Uttar Pradesh, Lucknow)

2022-2023
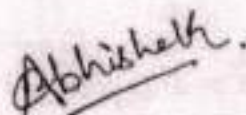
Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

CERTIFICATE
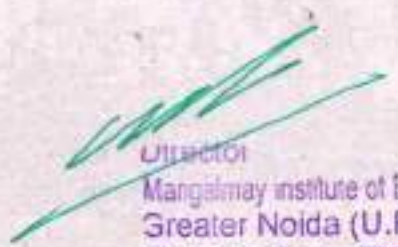
This is to certify that Project Report entitled "Intrusion Detection System" which is submitted by Abhishek Payala , Abhishek Thakur , Gourav Kumar , Utsav Sarkar in partial fulfillment of the requirement for the award of degree B.Tech in Department of Computer Science & Engineering from Mangalmay Institute of Engineering & Technology of Dr. A. P. J. Abdul Kalam Technical University, is a record of the candidate's own work carried out by them under our supervision. The matter embodied in this Report is original and has not been submitted for the award of any other degree.

Date

Project Supervisor
Asst.Prof.Bhupendra Bhadana

Head of Department (CSE)

Signature of Project Coordinator
Name: Mr. Ghanshyam Yadav
Assistant Professior

(Signature of External)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

DECLARATION

We hereby declare that this submission is our own work and that to the best of our knowledge and belief. It contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature:

Name: Abhishek Payala

RollNo: 1907860100006

Date:

Signature:

Name: Abhishek Thakur

RollNo: 1907860100007

Date:

Signature:

Name: Gourav Kumar

RollNo: 1878610018

Date:

Signature:

Name: Utsav Sarkar

RollNo: 1878610060

Date:

ACKNOWLEDGEMENT

It gives us a great sense of pleasure to present the report of the B.Tech Project undertaken during B.Tech Final Year. We owe special debt of gratitude to Asst.Prof.Bhupendra Bhadana for constant support and guidance throughout the course of our work. Her sincerity, thoroughness and perseverance have been a constant source of inspiration for us. It is only her cognizant efforts that our endeavors have seen light of the day. We also take the opportunity to acknowledge the contribution of Prof. Sanjay Pachauri, Head of Department, Department of Computer Science & Engineering, Mangalmay Institute of Engineering and Technology , Greater Noida for his full support and assistance during the development of the project. We also would not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind assistance and cooperation during the development of our project. Last but not the least, weacknowledge our parents and friends for their constant support throughout the project.

Signature:

Name:Abhishek Payala

RollNo: 1907860100006

Date:

Signature:

Name: Abhishek Thakur

RollNo: 1907860100007

Date:

Signature:

Name: Gourav Kumar

RollNo:1878610018

Date:

Signature:

Name: Utsav Sarkar

RollNo: 1878610060

Date:

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
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Name of Project: Instrusion Detection System

Name of Research Paper: (Breif Introduction to Intrusion Detection System)

Name of Members: - 1. Abhishek Payala

2. Abhishek Thakur

3. Gourav Kumar

4. Utsav Sarkar

Signature with Date: 01/06/2023

Project Report

On

FACE RECOGNITION ATTANDENCE SYSTEM

In the partial fulfilment of the requirements for the award of the
degree of

Bachelor of Technology

In

Computer Science and Engineering

Submitted By: -

- **Vishal Kumar (1907860100109)**
- **Ajit Kumar Yadav (1907860100011)**
- **Anand Yadav (1907860100019)**

BTECH-CSE (4TH Year)

<u>Under the Guidance of: -</u>
➢ Ms. Monika
(Assistant Professor CSE)

MIET
Mangalmay
Institute of Engineering & Technology

MANGALMAYINSTITUTEOFENGINEERING&TECHNOLOGY,
GREATERNOIDA

Dr.A.P.JABDULKALAMTECHNICALUNIVERSITY(AKTU)
LUCKNOW

May 2023 Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

This is to certify that the work reported in the B. Tech. project report entitled "FACE RECOGNITION ATTANDENCE SYSTEM" Submitted by:- Vishal Kumar (1907860100109), Ajit Kumar Yadav (1907860100011),Anand Yadav (1907860100019)

At **Mangalmay Institute of Engineering and Technology**, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India is a bonafide record of his original work carried out under our supervision. This work has not been submitted elsewhere for any other degree or diploma.

Signature of Project Guide:-

Name: Ms. Monika

Designation: Assistant Professor

Date: 29th May, 2023

Signature of HOD:-

Name: Mr Sanjay Pathauri

Designation: Head of Department

Date: 29th May, 2023

Signature of Project

Coordinator:-

Name: Mr. Ghanshyam Yadav

Designation: Assistant Professor

Date: 29th May, 2023

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
;College Code-786

Acknowledgement

The merciful guidance bestowed to us by the almighty made us stick out this project to a successful end. We humbly pray with sincere heart for his guidance tocontinue forever.

We pay thanks to our project guide Mr. Ghanshyam Yadav who has givenguidance and light to us during this project. His/her versatile knowledge has helpedus in the critical times during the span of this project.

We pay-specialthanksto our Head of Department Dr. SanjayPachauri whohasbeenalways present as a support and help us in all possible way during this project.

We also take this opportunity to express our gratitude to all those people who havebeen directly and indirectly with us during the completion of the project.

We want to thanks our friends who have always encouraged us during this project.

At the last but not least thanks to all the faculty of CSE department who providedvaluable suggestions during the period of project.

Name: Ajit Kumar Yadav   Sign: Ajit Kumar

Name: Vishal Kumar   Signature :- Vishal Kumar

Name: Anand Yadav   Sign: Anand yadav

Roll.No:1907860100109

Date: 01/06/2023

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-766

DECLARATION

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent 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.

Name:- Vishal Kumar

Signature _Vishal Kum_

Roll no:-1907860100109

Name:- Anand Yadav

Signature _Anand yadv_

Roll no:-1907860100019

Name:- Ajit kumar Yadav

Signature _Ajit kumar_

Roll no:-1907860100011

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- **Name of Project: FACE RECOGNITION ATTANDENCE SYSTEM**

- **Name of Members:- Ajit kumar Yadav**
  Vishal Kumar
  Anand Yadav

Signature with date:- 01/06/23

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-789

A PROJECT REPORT
ON
Human Resources Recruitment & Management system

For the partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING

Submitted By:
Harshita Singh (1907860100039)
Deeksha Vishnoi(1907860100132)
Aniket Dixit (1907860100020)

Under the Supervision of
Mr.Ghanshyam Yadav

BATCH 2019-2023

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY

8, KNOWLEDGE PARK-II, GREATER NOIDA-201308

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY

LUCKNOW

CERTIFICATE

This is to certify that Project Report entitled **"Human Resources Recruitment & Management system"** which is submitted by Harshita Singh, Deeksha Vishnoi, Aniket Dixit in partial fulfillment of the requirement for the award of degree B.Tech in Department of Computer Science & Engineering from Mangalmay Institute of Engineering & Technology of Dr. A. P. J. Abdul Kalam Technical University, is a record of the candidate's own work carried out by them under our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

Date:

Supervisor
Mr. Ghanshyam Yadav

Head of Department (CSE)
Dr. Sanjay Pachauri

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code:786

I

DECLARATION

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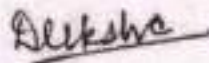
Signature:
Name: Harshita Singh
RollNo: 1907860100039
Date: 02/06/23

Signature:
Name: Deeksha Vishnoi
RollNo: 1907860100032
Date: 02/06/23

Signature:
Name: Aniket Dixit
RollNo: 1907860100020
Date: 02/06/23

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

II

ACKNOWLEDGEMENT

Successfully completing any task gives us satisfaction as well as internal strength for future problems but the person alone has never existed. He is truly accompanied by few people. They use to give the person support as well as suggestion to successfully complete the work. So I feel pleasure for thanking all such great people who motivates me and provides me kind support at all stages of my Project work.

Firstly, I would like to honor my institute *"Mangalmay Institute of Engineering & Technology, Greater Noida"*. Here I have been provided with a workplace and infrastructure to learn recent technologies and conceptual background to strengthen my programming and professional skills.

I am very much grateful to *Director Sir and Dr. Sanjay Pachauri (Head, Department of Computer Science & Engineering), Mangalmay Institute of Engineering& Technology, Greater Noida,* for his helpful attitude and encouragement in making myproject.

I would like to express my sincere heartfelt gratitude to my honorable, esteemed Final year Project Coordinator / supervisor *Mr.Ghanshyam Yadav (Assistant Professor, Department of Computer Science and Engineering)* for his/her kind and valuable guidance for the successful completion of theproject work. I am glad to work under his/her supervision.

Furthermore, I am thankful to, all faculty members for motivating me and to the *Staffs of computer labs* in the department for providing excellent valuable facility as well as issuing me a computer system of good configuration and providing regular maintenance.

I would like to extend special thanks to all my batch mates for their love, encouragement and constant support.

Last but not least I would like to thank my parents for supporting me to complete my project report in all ways.

1. Harshita Singh
2. Deeksha Vishnoi
3. Aniket Dixit

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

IV

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(i) That the particulars furnished in the application are true and correct and not misleading in any manner;

Name of Project: Human Resources Recruitment & Management system

Name of Research Paper: Human Resources Recruitment & Management system

Name of Members:
1. Harshita Singh
2. Deeksha Vishnoi
3. Aniket Dixit

Signature with Date: 02/06/23

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code:-786

III

A PROJECT REPORT

ON

COMPARING QUESTION PAIRS USING DIFFERENT MACHINE LEARNING MODELS

For the partial fulfilment for the award of the degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

Submitted By
Prince Sinha (1907860100065)

Priya Sinha (1907860100067)

Vishal Jha (1907860100108)

Under the Supervision of
Mr. VIPIN RAWAR

MIET

Mangalmay
Institute of Engineering & Technology

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY
GREATER NOIDA

Affiliated to

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW

2022-2023

SUPERVISORS' CERTIFICATE

This is to certify that the work reported in the B. Tech. project report entitled *"Comparing Question Pairs Using Different Machine Learning Models"*, submitted by **Prince Sinha (Roll-No. 1907860100065)** at **Mangalmay Institute of Engineering and Technology, Greater Noida**, Gautam Buddha Nagar, Uttar Pradesh, India is a bonafide record of his original work carried out under my supervision. This work has not been submitted elsewhere for any other degree or diploma.

(Signature of Project Guide)
Name: **Mr. Vipin Raway**
Designation: Assistant Professor
Date: 29th May, 2023

(Signature of Project Coordinator)
Name: **Mr. Ghanshyam Yadav**
Designation: Assistant Professor
Date: 29th May, 2023
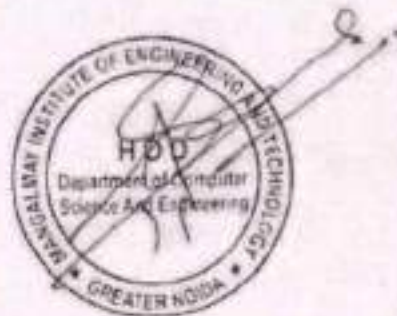
(Signature of HOD-CSE)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

i

DECLARATION

We hereby declare that the project work presented in this report entitled "Comparing Question Pairs Using Different Machine Learning Models", in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science & Engineering, submitted to A.P.J. Abdul Kalam Technical University, Lucknow, is based on our own work carried out at Department of Computer Science & Engineering, Mangalmay Institute of Engineering & Technology, Greater Noida. The work contained in the report is true and original to the best of our knowledge and project work reported in this report has not been submitted by us for award of any other degree or diploma.

Name: Prince Sinha
Roll No: 1907860100065

Signature:

Name: Priya Sinha
Roll No: 1907860100067

Signature:

Name: Vishal Jha
Roll No:1907860100108

Signature:

Date: 29/05/23
Place: Greater Noida

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

2

ACKNOWLEDGEMENT

This is a great opportunity to acknowledge and to thanks all those persons without whose support and help this project would have been impossible. We would like to add a few heartfelt words for the people who were part of this project in numerous ways.

First I would like to thanks to my project supervisor **Mr. Vipin Rawat** for his indefatigable guidance, valuable suggestion, moral support, constant encouragement and contribution of time for the successful completion of project work. He always gave me freedom to think broadly and deeply into my research.

I am extremely grateful to HOD of Computer Science & Engineering, **Mr. Ghanshyam Yadav** for proof reading and their helpful comments and advice. We would like to thank all those who helped us directly or indirectly.

Last but not the least; I would like to thank God for not letting me down at the time of crisis and showing me the silver lining in the dark clouds.

STUDENTS NAME

1. **Prince Sinha (1907860100065)**
2. Priya Sinha (1907860100067)
3. Vishal Jha (1907860100108)

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

4

Project Report

on

REAL-TIME OBJECT DETECTION USING COMPUTER VISION AND DEEP-LEARNING

In partial fulfillment of requirements for the degree

of

Bachelor of Technology

In

Computer Science & Engineering

Submitted by:

Nabeel Ahmed   1907860100056

B.Tech. CSE (4th year)

Under the guidance of:

Mr. Ghanshyam Yadav

(Assistant Professor)

MIET
Mangalmay
Institute of Engineering & Technology

BATCH: 2019-23

Mangalmay Institute of Engineering & Technology, Greater Noida, UP

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(Approved by AICTE, affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow, UP)

SUPERVISOR'S CERTIFICATE

This is to certify that the work reported in the B. Tech. project report entitled "REAL-TIME OBJECT DETECTION USING COMPUTER VISION AND DEEP-LEARNING", submitted by **NABEEL AHMED**, Roll No: **1907860100056** at **Mangalmay Institute of Engineering & Technology**, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India is a bonafide record of his original work carried out under my supervision. This work has not been submitted elsewhere for any other degree or diploma.

Signature of Project Guide

Name: Mr. Ghanshyam Yadav

Assistant Professor

Date: 27th May, 2023

Signature of project coordinator

Name: Mr. Ghanshyam Yadav

Assistant Professor

(Signature of external examiner) —— Signature of Head of Dept.

1

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

ACKNOWLEDGEMENT

Successfully completing any task gives us satisfaction as well as internal strength for future problems but the person alone has never existed. He is truly accompanied by few people. They use to give the person support as well as suggestion to successfully complete the work. So, I feel pleasure for thanking all such great people who motivated me and provided me kind support at all stages of my Project work.

Firstly, I would like to honor my institute "Mangalmay Institute of Engineering & Technology, Greater Noida". Here I have been provided with a workplace and infrastructure to learn recent technologies and conceptual background to strengthen my programming and professional skills.

I am very much grateful to Dr. Sanjay Pachauri (Head, Department of Computer Science & Engineering), Mangalmay Institute of Engineering & Technology, Greater Noida, for his helpful attitude and encouragement in making my project.

I would like to express my sincere heartfelt gratitude to my honorable, esteemed Final year Project Coordinator / supervisor Mr. Ghanshyam Yadav (Assistant Professor, Department of Computer Science and Engineering) for his kind and valuable guidance for the successful completion of the project work. I am glad to work under his supervision.

Furthermore, I am thankful to, all faculty members for motivating me and to the Staffs of computer labs in the department for providing excellent valuable facility as well as issuing me a computer system of good configuration and providing regular maintenance.

I would like to extend special thanks to all my batch mates for their love, encouragement and constant support.

Last but not least I would like to thank my parents for supporting me to complete my project report in all ways.

Signature

(1907860100056)
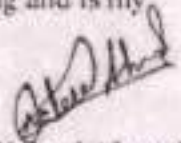
4

DECLARATION

I **Nabeel Ahmed,** Roll No. **1907860100056** is a bonafide student of the Department of Computer Science & Engineering at Mangalmay Institute of Engineering and Technology, Greater Noida, Uttar Pradesh, and would like to declare that B. Tech. project report entitled **"REAL-TIME OBJECT DETECTION USING COMPUTER VISION AND DEEP-LEARNING"** is submitted by me in partial fulfillment of requirement for the degree of Bachelor of Technology in Computer Science and Engineering and is my original work.

Nabeel Ahmed

(1907860100056)

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

(Signature of project guide)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

2

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Name of Project: REAL-TIME OBJECT DETECTION USING COMPUTER VISION AND DEEP-LEARNING

Name of Research Paper: REAL-TIME OBJECT DETECTION AND TRACKING USING DEEP-LEARNING AND COMPUTER VISION

Name of Project Owner: Nabeel Ahmed

Signature with Date:

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

3

Project Report
on
Online Food Delivery & Management Website

In partial fulfillment of requirements for the degree of

Bachelor of Technology
in
Computer Science & Engineering

Submitted By: Amar Mishra(1878610006)

Adhiraj Bajpai (1907860100008)

B.Tech (CSE) 4th Year

Under the Guidance of:
Mr.Ghanshyam
Yadav(Assistant
Professor)

MIET

Mangalmay Institute of Engineering & Technology, Greater Noida
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
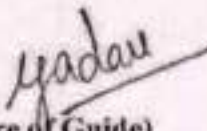
Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-788

SUPERVISORS' CERTIFICATE
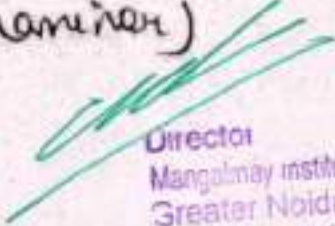
This is to certify that the work reported in the B. Tech. project report entitled **"Online Food Delivery and Management Website"**, submitted by **Amar Mishra** Roll No **1878610006** and **Adhiraj Bajpai** Roll No **1907860100008** at **Mangalmay Institute of Engineering and Technology**, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India is a bonafide record of his original work carried out under my supervision. This work has not been submitted elsewhere for any other degreeor diploma.

(Signature of Head of Department)

yadav

(Signature of Guide)

Name: Mr. Ghanshyam Yadav

Designation: Assistant Professor

Date:29th May,2023
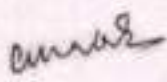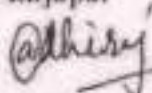
(Signature of Internal Examiner)

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-798

DECLARATION

I **Amar Mishra** Roll Number **1878610006** and **Adhiraj Bajpai** Roll Number **1907860100008** is a bonafide student of the Department of Computer Science and Engineering at Mangalmay Institute of Engineering and Technology, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, would like to declare that B. Tech. project report entitled **"Online Food Delivery and Management Website"** submitted by me in partial fulfillment of requirement for the degree of Bachelor of Technology in Computer Science and Engineering is my original work.

Amar Mishra
Adhiraj Bajapai

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

(Signature of Guide)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-"PA

ACKNOWLEDGEMENT

Successfully completing any task gives us satisfaction as well as internal strength for future problems but the person alone has never existed. He is truly accompanied by few people. They use to give the person support as well as suggestion to successfully complete the work. So I feel pleasure for thanking all such great people who motivates me and provides me kind support at all stages of my Project work.

Firstly, I would like to honor my institute "*Mangalmay Institute of Engineering & Technology, Greater Noida*". Here I have been provided with a workplace and infrastructure to learn recent technologies and conceptual background to strengthen my programming and professional skills.

I am very much grateful to *Dr. Sanjay Panchauri (Head, Department of Computer Science & Engineering), Mangalmay Institute of Engineering & Technology, Greater Noida*, for his helpful attitude and encouragement in making myproject.

I would like to express my sincere heartfelt gratitude to my honorable, esteemed supervisor *Ghanshyam Yadav (Assistant Professor, Department of Computer Science and Engineering)* for his/her kind and valuable guidance for the successful completion of the project work. I am glad to work under his/her supervision.

Furthermore, I am thankful to, all faculty members for motivating me and to the *Staffs of computer labs* in the department for providing excellent valuable facility as well as issuing me a computer system of good configuration and providing regular maintenance.

I would like to extend special thanks to all my batch mates for their love, encouragement and constant support.

Last but not least I would like to thank my parents for supporting me to complete my project report in all ways.

Amar Mishra
Adhiraj Bajpai

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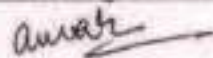
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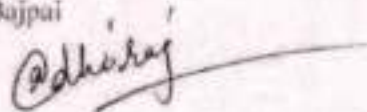
(i)   That the particulars furnished in the application are true and correct and not misleading in any manner;

Name of Project: Online Food Delivery and Management Website

Name of Members: - 1. Amar Mishra

2. Adhiraj Bajpai

Signature with Date: 02/06/23

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-788

PROJECT REPORT
ON
"Cloud Technology Solution:Cloud-Sync"
Submitted In Partial Fulfillment of the Requirement
For the Degree of
BACHELOR OF TECHNOLOGY
IN
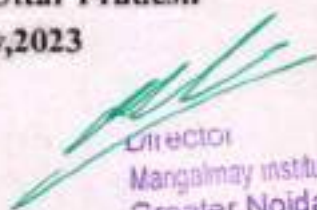## COMPUTER SCIENCE AND ENGINEERING
Submitted By
Saurabh Kumar(1907860100092)
Himanshu Chauhan (1907860100041)

Under The Supervision of
Assistant prof. Mr. Ghanshyam Yadav

Mangalmay Institute of Engineering & Technology, Greater Noida
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AFFILIATED TO
Dr.APJ Abdul Kalam Technical University
Lucknow , Uttar Pradesh
May,2023

Candidate Declaration

We hereby declare that this submission is our own work and that to the best of our knowledge and belief. It contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature:
Name: Saurabh Kumar
Roll No: 1907860100092
Date: 03/06/23

Signature.
Name : Himanshu Chauhan
Roll No.: 1907860100041
Date : 03/06/23

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

I

Certificate

This is to certify that Project Report entitled "**Cloud technology Solution Cloud-Sync**" which is submitted by Saurabh Kumar in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science of Abdul Kalam Technical University, is a record of the candidate own work carried out by him under my/our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

29-06/23
Date:

Supervisor:

Signature of Project Coordinator:

Signature of HOD:

Signature of Examiner:

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

II

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(i)   That the particulars furnished in the application are true and correct and not misleading in any manner;

Name of Project: Cloud Technology Solution:Cloud-Sync

Name of Members: - 1. Saurabh Kumar   2. Himanshu Chauhan.

Saurabh.
Signature with Date:

03/06/23

Himanshu
Signature with Date :

03/06/23

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

III

ACKNOWLEDGEMENT

Successfully completing any task gives us satisfaction as well as internal strength for future problems but the person alone has never existed. He is truly accompanied by few people. They use to give the person support as well as suggestion to successfully complete the work. So I feel pleasure for thanking all such great people who motivates me and provides me kind support at all stages of my Project work.

Firstly, I would like to honor my institute *"Mangalmay Institute of Engineering & Technology, Greater Noida"*. Here I have been provided with a workplace and infrastructure to learn recent technologies and conceptual background to strengthen my programming and professional skills.

I am very much grateful to *Director Sir and Dr. Sanjay Pachauri (Head, Department of Computer Science & Engineering), Mangalmay Institute of Engineering& Technology, Greater Noida,* for his helpful attitude and encouragement in making myproject.

I would like to express my sincere heartfelt gratitude to my honorable, esteemed Final year Project Coordinator / supervisor *Ghanshyam Yadav (Assistant Professor, Department of Computer Science and Engineering)* for his/her kind and valuable guidance for the successful completion of theproject work. I am glad to work under his/her supervision.

Furthermore, I am thankful to, all faculty members for motivating me and to the *Staffs of computer labs* in the department for providing excellent valuable facility as well as issuing me a computer system of good configuration and providing regular maintenance. I would like to extend special thanks to all my batch mates for their love, encouragement and constant support.

Last but not least I would like to thank my parents for supporting me to complete my project report in all ways.

Saurabh.

1. Saurabh Kumar
   (1907860100092)

2. Himanshu Chauhan
   (1907860100041)

A PROJECT REPORT

On

MICROSOFT EXCEL CLONE

Submitted by

SHIVAM MALIK(1907860100096)

SAHAJ KANDHARI(1907860100086)

Under the Guidance of

Mr.GHANSHYAM YADAV
Assistant Professor

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN
COMPUTER SCIENCE

THE MANGALMAY UNIVERSE

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY, GREATER NOIDA

DR. A.P.J ABDUL KALAM TECHNICAL UNIVERSITY (AKTU)
LLUCKNOW
(2022-23)

CERTIFICATE

This is to certify that Project Report entitled "MICROSOFT EXCEL CLONE" which is submitted by SHIVAM MALIK & SAHAJ KANDHARI in partial fulfillment of the requirement for the award of degree B. Tech. in Department of Computer Science of Abdul Kalam Technical University, is a record of the candidate own work carried out by him under my/our supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

SIGNATURE:
Mr. Ghanshyam Yadav
(Assistant Professor)
MIET, Gr. Noida

SIGNATURE:
Dr. Sanjay Pachauri
(Head of Department)
MIET, Gr. Noida

SIGNATURE:
Mr. Ghanshyam Yadav
(Project Coordinator)
MIET, Gr. Noida

SIGNATURE:
(Examiner)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

ACKNOWLEDGEMENT

The successful realization of project is an outgrowth of a consolidated effort of people from desperate fronts. We are thankful to **MR. GHANSHYAM YADAV** for his variable advice and support extended to us without which we could not be able to complete our project for a success.

We express our deep gratitude to Mr. SANJAY PACHAURI Head of Department (CS) for his endless support and affection towards us.

We take this opportunity to express our sincere thanks to all staff members of CS department for the valuable suggestion and also to our family and friends for their support.
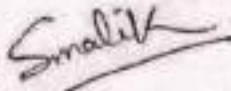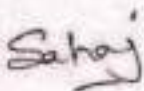
1. SHIVAM MALIK
2. SAHAJ KANDHARI

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
.College Noida-86

DECLARATION

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent 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.

Signature:

Name: SHIVAM MALIK

Roll No.:1907860100096

Signature:

Name: SAHAJ KANDHARI

Roll No.: 1907860100086

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
iCollege Code-786

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(i)   That the particulars furnished in the application are true and correct and not misleading in any manner;

Name of Project: MICROSOFT EXCEL CLONE

Name of Research Paper: MICROSOFT EXCEL CLONE

Name of Members: - 1. SHIVAM MALIK
                    2. SAHAJ KANDHARI

Signature with Date: 05/06/23

Project Report
On
Windows Keylogger

Submitted In Partial Fulfilment of the Requirement

For the Degree of Bachelor of Technology

In

Computer Science and Engineering Department

By

Aditya Rana (1907860100010)

Azeem Khan (1907860100030)

Kapish (1907860100044)

Mangalmay Institute of Engineering & Technology, Greater Noida
Department of Computer Science and Engineering

Affiliated To
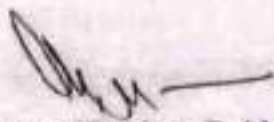
Dr. A.P.J Abdul Kalam Technical University, Lucknow
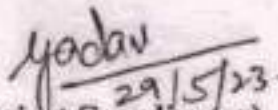
2022-2023

This is to certify that the work reported in the B. Tech. project report entitled "**Windows Keylogger**", submitted by **Aditya Rana** Roll No **1907860100010** at **Mangalmay Institute of Engineering and Technology,** Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India is a bonafide record of his original work carried out under my supervision. This work has not been submitted elsewhere for any other degree or diploma.

(Signature of Project Guide)

Name: Mr. Bhupendra Bhadana

Designation: Assistant Professor

(Signature of Project Coordinator)

Name: Mr. Ghanshyam Yadav

Designation: Assistant Professor

Date:

(Signature of Head of Department)

Name: Mr. Sanjay Pachauri

Head of Department (C.S.E)

Date:

(signature of External)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
(College Code-786

I **Aditya Rana** Roll Number **1907860100010** a bonafide student of the Department ofComputer Science and Engineering at Mangalmay Institute of Engineering and Technology, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, would like to declare that B. Tech. project report entitled "**Windows keylogger**" submitted by me inpartial fulfilment of the requirement for the degree of Bachelor of Technology in Computer Scienceand Engineering is my original work.
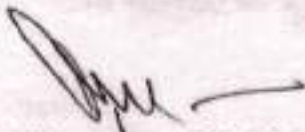
Kapish   Azeem Khan.   **Aditya Rana**

(1907860100044)   (1907860100030)   (1907860100010)

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

(Signature of Guide)

This is to undertake the project Entitled "**Windows Keylogger**".

Has been registered by the "**Mangalmay Institute of Engineering & Technology**" as a copyright society and permitted to commence and carry-on copyright business in college project work.

The registration and the permission hereby granted are subject to the following conditions and are liable to be cancelled on non-compliance with, or contravention of, any of them, namely: -

(i)   That the particulars furnished in the application are true and correct and not misleading in any manner.

Name of Project: Windows Keylogger

Name of Research Paper: (Windows Keylogger)

Name of Members: - 1. Aditya Rana

2. Azeem Khan

3. Kapish

t gives us a great sense of pleasure to present the report of the B. Tech Project undertaken during B. Tech Final Year. We owe a special debt of gratitude to Professor Mr. Bhupendra Bhadana for his constant support and guidance throughout the course of our work. Her sincerity, thoroughness and perseverance have been a constant source of inspiration for us. It is only his cognizant efforts that our endeavours have seen light of the day.

We also take the opportunity to acknowledge the contribution of Mr. Ghanshyam Yadav, Assistant Professor, Department of Computer Science & Engineering, Mangalmay Institute of Engineering and Technology, Greater Noida for his full support and assistance during the development of the project. We also would not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind assistance and cooperation during the development of our project. Finally, we acknowledge our parents and friends for their constant support throughout the project. Signature

Signature:

Name: Aditya Rana

Roll No: 1907860100010

Date: 29/5/23

Signature:

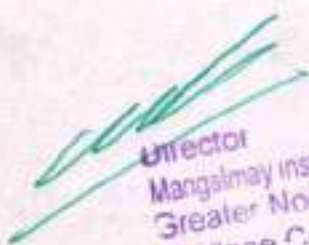Name: Azeem Khan

Roll No: 1907860100030

Date: 29/5/23

Signature:

Name: Kapish

Roll No: 1907860100044

Date: 29/5/23

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code- TBA

PROJECT REPORT (KEC-851)

On

DESIGN AND DEVELOPMENTOF DROWSINESS AND ALCOHOL DETECTION SMART HELMET

Submitted for partial fulfilment of award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

Submitted By

1878631002 (AMIT YADAV)

Under the Guidance of

Mr. Dhananjay Singh

(Assistant Professor)

MIET
Mangalmay

Deptt. of Electronics and Communication Engineering

MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY

Plot no. 8, Knowledge Park II, Gr. Noida Session: 2022-23

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Plot no. 8, Knowledge Park II, Gr. Noida Session: 2022-23

DECLARATION

We certify that

1. The work contained in this Project Report is original and has been done by us under the guidance of my supervisor.

2. The work has not been submitted to any other University or Institute for the award of any other degree or diploma.

3. We have followed the guidelines provided by the University in preparing the Report.

4. We have confirmed the norms and guidelines in the Ethical Code of Conduct of the University.

5. Whenever we used materials (data, theoretical analysis, figures, and texts) from other sources we have given due credit to them by citing them in the text of the report and giving their details in the references. Further, we have taken permission from the copyright owners of the sources, whenever necessary.

AMIT YADAV

(1878631002)

Director
Mangalmay Institute of Engineering & Technology
Greater Noida (U.P.)-201310
Colleger Code: "88

MIET

Mangalmay
Institute of Engineering & Technology

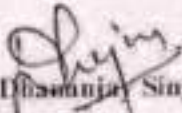## Deptt. of Electronics and Communication Engineering

[Approved by AICTE, Govt. of India & Affiliated to A.K.T.U (Formerly U.P.T.U), Lucknow]

CERTIFICATE

Certified that Amit Yadav have carried out the project work presented in this report entitled "Design and Development of Drowsiness and Alcohol Smart Helmet with Handsfree Calling

Features." for the Subject **Project -II (KEC-851)** during the Academic session

2022-23 **(EVEN SEM)**. The project embodies result of the work and studies carried out by Students and the contents of the report do not form the basis for the award of any other degree to the candidate or to anybody else.

(Mr. Dhananjay Singh)
(Project Guide)
(Assistant Professor)
Deptt. Of ECE

(Mr. Dhananjay Singh)
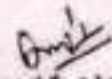(Project Coordinator)
(Associate Professor)
Deptt. of ECE

Date:

(College Code-786)
GR. NOIDA

Director
Mangalmay institute of Engineering & Technology
Greater Noida (U.P.)-201310
College Code-786

ACKNOWLEDGEMENT

Without identifying all of the supportive people who actually supported and encouraged me during the project, this is an appreciation of our project's intense drive and success. Mr. Dhananjay Singh, Assistant Professor, Department of Electronics and Communication Engineering, Mangalmay Institute Of Engineering & Technology College, Greater Noida, deserves special recognition for his unwavering support and advice throughout our project. His honesty, perfection, and patience have always been a source of inspiration for us. Our efforts are only visible because of his efforts. Prof. Dhananjay Singh, our Project Coordinator, deserves special recognition for his unwavering support and knowledge in assisting us in finishing this project. We would like to express our gratitude to our Head of Department, Mr. Dhananjay Singh, who has been a constant source of support and assistance during this project. We'd want to use this occasion to convey our gratitude to everyone who helped us complete the project, both directly and indirectly. Last but not least, many thanks to every one of the ECE faculty who contributed significant knowledge during the project's duration.

AMIT YADAV
(18786 31002)

Director
Mangalmay Institute of Engineering & Technology
Noida (U.P.)-201310

ABSTRACT

When a motorcyclist is involved in an accident without wearing a helmet, it might prove to be fatal. A helmet can help reduce the impact of the accident, and save the life of the rider, too. According to statistics, there is one death every four minutes in India. The World Health Organisation (WHO) has declared that 40% of the deaths and 70% of severe injuries may be reduced if people wear helmets. Smart helmets for motorcyclists were undertaken to increase the rate of road safety among motorcyclists. The idea was developed with the knowledge that the increasing number of fatal road accidents over the years is cause for concern among motorcyclists The reasons may be many more - no proper driving knowledge, no fitness of the bike, fast riding of bike, drunken driving etc. Sometimes the injured person may not be directly responsible for the accident, it may be the fault of the rider, but at the end of the day it's the drivers involved in the accidents, who is going to suffer An infrared sensor is used for detection of the rider's head and an alcohol sensor is used for the detection of alcohol (whether the driver is drunk or not). The Wi-Fi enabled ARDUINO UNO is used for the working of the locking system and also for GPS connected with the gyrometer, for tracking the rider. Along with this, the GSM module SIMCOM 900 is used to send the message to the users and other people connected to it in case of emergency.

The bike will not be ignited if the line of sight of sensor and rider is not matched (checking whether the rider has wear the helmet or not) and also when the level of alcohol sensor increases 400ppm. The SIMCOM (interfaced with Arduino) sends messages to (GPS+Gyrometer readings ARDUINO UNO the receiver. Therefore, this project is designed to introduce security systems for the motorcyclist to compulsorily wear the helmet, theft-proofing the bike and SOS in case of accidents.

Director
Mangalmay institute of Engineering & Technology