

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
B.E. SEM PRACTICAL EXAMINATIONS - APRIL 2024

Lab Code : AD1821 : Project Work

Class/Semester : IV ADS / VIII

List of Projects

S.no	Batch No	Roll no	Name	Title	Guide Name
1	AD1	20UAD045	ASHOK KUMAR K	P2E GAME	Dr.R.Muthuselvi
2		20UAD038	HORRISH KUMAR S		
3		20UAD031	ARAVIND NARAYANAN G		
4	AD2	20UAD032	DHARSHINI V	CHRONIC KIDNEY DISEASE PREDICTION	Dr.R.Ramya
5		20UAD034	SOWMIYA R		
6		20UAD007	MANCY NIRANJANA		
7	AD3	20UAD044	ARSHA.R	YOU TUBE COMMENT ANALYZER	Mrs.K.Muthulakshmi
8		20UAD009	JANA SORUPAA.J		
9		20UAD019	ANTO NIVEDHA .J		
10	AD4	20UAD013	VIGNESWARAN RK	SCENE IDENTIFICATION FOR VISUALLY IMPAIRED PEOPLE	Mrs.J.Lavanya
11		20UAD002	JERALD JESUDASAN J		
12		20UAD026	TILAK NG		
13	AD5	20UAD020	MANOAH J	NEXT-GEN FOOD ORDERING USING GOOGLE DIALOGFLOW	Mrs.K.Indumathi
14		20UAD037	DHARESH KUMAR NS		
15		20UAD029	KIPSON KC		
16	AD6	20UAD025	SRIDEVI DHARSHINI K	SMART READING COMPANION	Dr.P.Praveen Kumar
17		20UAD041	DHARSHINI S		
18		20UAD030	SIVARANJANI M		
19		20UAD043	VENKATESH P		

20	AD7	20UAD016	VIKASH BHARATH .A B	AUTOMATIC LIVER AND TUMOR SEGMENTATION	Mr.J.John Livingston
21		20UAD028	JEEVITHA RAJ		
22	AD8	20UAD010	RAHUL J	MULTIMODAL INSIGHTS: ANALYZING TEXT, AUDIO AND COMMENTS SUMMARIZATION	Ms.S.Janani
23		20UAD011	YOKESH SHARAN K		
24		20UAD012	KAWSIGAN S		
25	AD9	20UAD004	JOESHIKA S	HOLISTIC VIDEO SUMMARISATION WITH TEXT AND AUDIO	Mrs.R.Induja
26		20UAD017	ABHILAKSHMITHA P		
27		20UAD023	YUVA SIVASAKTHI G		
28	AD10	20UAD046	GEORGE JERIN T	POWERED ATTENDANCE MANAGEMENT SYSTEM	Dr.A.Anandh
29		20UAD027	VENKATRSH MS		
30		20UAD033	VENKATESH M		
31	AD11	20UAD005	VETRI VENTHAN C	KAM-PAY	Mr.M.Rajasekaran
32		20UAD021	PREM KUMAR G		
33		20UAD035	RAGESH M		
34	AD12	20UAD014	R JAYANTHAN	GARBLE SECURITY	Dr.A.Meenakshi
35		20UAD003	G S SHIYAM SUNDAR		
36		20UAD018	G VINOTH		
37	AD13	20UAD008	SHRIDHARAN.R.B	GUESTURE LISTEN	Mr.B.Muthukrishna Vinayagam
38		20UAD022	S.ZAWAHAR		
39		20UAD036	S.SRI KUMBESH		
40	AD14	20UAD040	SURYA A	ENHANCING LUNG CANCER PREDICTION USING ALEXNET ALGORITHM	Dr.G.Nirmala
41		20UAD001	GOPIKRISHNAN P		
42		20UAD024	SHRI RAJESHWARAN M		
43	AD15	20UAD015	S.JEYESH VISHNU	MUSIC RECOMMENDER USING FACIAL EMOTION-EMOTUNES	Mr.V.Rajesh Kannan
44		20UAD042	R.JEEVARAJAN		
45		20UAD006	K.SHARVESH VISHNU		

PLAY TO EARN GAME

A PROJECT REPORT

Submitted by

ARAVIND NARAYANAN G(920420UAD031)

ASHOK KUMAR K(920420UAD045)

HORRISH KUMAR S (920420UAD038).

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625 701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "PLAY TO EARN GAME" is the bonafide work of "ARAVIND NARAYANAN G (920420UAD031) ASHOK KUMAR K (920420UAD045) & HORRISH KUMAR S (920420UAD038) " who carried out the project work under my supervision.

SIGNATURE

Dr. A. Meenakshi, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.

SIGNATURE

Dr. R. Muthuselvi, M.E., Ph.D.,
SUPERVISOR,
Professor,
Dept. of Artificial Intelligence and
Data Science,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

CHRONIC KIDNEY DISEASE PREDICTION USING MACHINE LEARNING TECHNIQUES

A PROJECT REPORT

Submitted by

DHARSHINI V (920420UAD032)

SOWMIYA R (920420UAD034)

MANCY NIRANJANA A J (920420UAD007)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report “**CHRONIC KIDNEY DISEASE PREDICTION USING MACHINE LEARNING TECHNIQUES**” is the bonafide work of “**DHARSHINI V (920420UAD032) & SOWMIYA R (920420UAD034) & MANCY NIRANJANA A J (920420UAD007)**” who carried out the project work under my supervision.



SIGNATURE

Dr. A. MEENAKSHI

Head of the Department,

Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg & Tech,

K. Vellakulam,

Virudhunagar - 625 701.



SIGNATURE

Dr. R. Ramya, M.E., Ph. D.,

SUPERVISOR,

Associate Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg & Tech

K. Vellakulam,

Virudhunagar - 625701.



INTERNAL EXAMINER

F.16.1



EXTERNAL EXAMINER

YOUTUBE COMMENTS ANALYZER

A PROJECT REPORT

Submitted by

JANA SORUPAA J (920420UAD009)

ANTO NIVEDHA J (920420UAD019)

ARSHA R (920420UAD044)

In partial fulfillment of the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR – 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "YOUTUBE COMMENT ANALYZER" is the bonafide work of "J.JANA SORUPAA (920420UAD009), J.ANTO NIVEDHA (920420UAD019) & R.ARSHA (920420UAD044)" who carried out the project work under my supervision.

Meenal
18/4/2024

SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.

K. Muthu

SIGNATURE

Mrs.K. MUTHULAKSHMI, M.E.,
SUPERVISOR,
Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech
K.Vellakulam,
Virudhunagar - 625701.

B. Jayaraj

INTERNAL EXAMINER

8ms
29/4/24

EXTERNAL EXAMINER

SCENE IDENTIFICATION FOR VISUALLY IMPAIRED PEOPLE

A PROJECT REPORT

Submitted by

VIGNESWARAN RK (920420UAD013)

JERALD JESUDASAN J (920420UAD002)

TILAK NG (920420UAD026)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625 701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "SCENE IDENTIFICATION FOR VISUALLY IMPAIRED PEOPLE" is the bonafide work of "R.K.VIGNESWARAN (920420UAD013), J.JERALD JESUDASAN (920420UAD002) & N.G.TILAK (920420UAD026)" who carried out the project work under my supervision.

SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph. D.,

Head of the Department,

Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar - 625 701.

SIGNATURE

Mrs. J. LAVANYA, M.Tech.,

Supervisor,

Assistant Professor,

Dept. of Artificial Intelligence and

Data Science,

Kamaraj College of Engg & Tech

K.Vellakulam,

Virudhunagar – 625 701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

NEXT-GEN FOOD ORDERING USING GOOGLE DIALOGFLOW

A PROJECT REPORT

Submitted by

MANOAH J (20UAD020)

DHARESH KUMAR N S (20UAD037)

KIPSON A J (20UAD029)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625 701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "NEXT-GEN FOOD ORDERING USING GOOGLE DIALOGFLOW" is the bonafide work of "J.MANOAH (20UAD020) & S.DHARESH KUMAR (20UAD037) & A.J.KIPSON (20UAD029)" who carried out the project work under my supervision.



SIGNATURE

Dr. A. MEENAKSHI

Head of the Department,

Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar - 625 701.



SIGNATURE

Mrs. K. INDUMATHI, M.E.,

SUPERVISOR,

Assistant Professor,

Dept. of Computer Science and

Engineering,

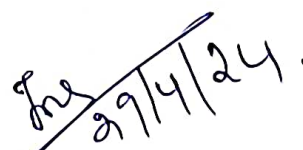
Kamaraj College of Engg & Tech

K.Vellakulam,

Virudhunagar - 625 701.



INTERNAL EXAMINER



EXTERNAL EXAMINER

SMART READING COMPANION

A PROJECT REPORT

Submitted by

SRIDEVI DHARSHINI K (920420UAD025)

SIVARANJANI M (920420UAD030)

DHARSHINI S (920420UAD041)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR – 625 701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR – 625 701

BONAFIDE CERTIFICATE

Certified that the project report “SMART READING COMPANION” is the bonafide work of “K.SRIDEVI DHARSHINI (920420UAD025), S.DHARSHINI (920420UAD041) & M. SIVARANJANI (920420UAD030)” who carried out the project work under my supervision.

SIGNATURE

Dr. A. Meenakshi, M.E., Ph.D.

Head of the Department,

Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar – 625 701.

SIGNATURE

Dr.P. Praveen Kumar, MTech., Ph.D.

Supervisor,

Associate Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar – 625 701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

AUTOMATIC LIVER SEGMENTATION

A PROJECT REPORT

Submitted by

VENKATESH P (920420UAD043)

JEEVITHARAJ D (920420UAD028)

VIKASH BHARATH AB (920420UAD016)

In partial fulfillment of the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)**

K.VELLAKULAM, VIRUDHUNAGAR – 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "AUTOMATIC LIVER SEGMENTATION" is the bonafide work of "P. VENKATESH (20UAD043), D. JEEVITHARAJ (20UAD028) & A.B. VIKASH BHARATH (20UAD016)" who carried out the project work under my supervision.

SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.

SIGNATURE

Mr. J. JOHN LIVINGSTON, M.TECH.,
Supervisor,
Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

MULTIMODAL INSIGHTS: ANALYZING TEXT, AUDIO AND COMMENTS SUMMARIZATION

A PROJECT REPORT

Submitted by

RAHUL J (920420UAD010)

YOKESH SHARAN K (920420UAD011)

KAWSIGAN S (920420UAD012)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR – 625 701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR – 625 701

BONAFIDE CERTIFICATE

Certified that the project report “MULTIMODAL INSIGHTS: ANALYZING TEXT, AUDIO AND COMMENTS SUMMARIZATION” is the bonafide work of “J.RAHUL (920420UAD010), K.YOKESH SHARAN (920420UAD011) & S.KAWSIGAN (920420UAD012)” who carried out the project work under my supervision.

SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,

Head of the Department,

Professor,

Dept. of Computer Science and
Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar – 625 701.

SIGNATURE

Ms. S. JANANI, M.E.,

Supervisor,

Assistant Professor,

Dept. of Computer Science and
Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar - 625 701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

HOLISTIC VIDEO SUMMARIZATION WITH TEXT AND AUDIO

A PROJECT REPORT

AD1821-PROJECT

Submitted by

P ABHILAKSHMITHA (920420UAD017)

S JOESHIKA (920420UAD004)

G YUVA SIVASAKTHI (920420UAD023)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

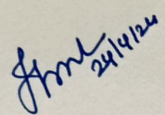
K.VELLAKULAM, VIRUDHUNAGAR – 625 701

BONAFIDE CERTIFICATE

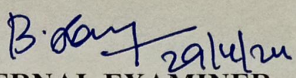
Certified that the project report “**HOLISTIC VIDEO SUMMARIZATION WITH TEXT AND AUDIO**” is the bonafide work of “**S. JOESHIKA (920420UAD004), P. ABHILAKSHMITHA (920420UAD017) & G. YUVA SIVASAKTHI (920420UAD023)**” who carried out the project under my supervision.

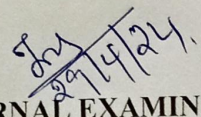

SIGNATURE

Dr. A. Meenakshi, M.E., Ph. D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.


SIGNATURE

Mrs. R. Indhuja, M.E.,
Supervisor,
Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.


INTERNAL EXAMINER


EXTERNAL EXAMINER

MACHINE LEARNING POWERED ATTENDANCE MANAGEMENT SYSTEM

A PROJECT REPORT

Submitted by

VENKATESH M.S (920420UAD027)

VENKATESH.M (920420UAD033)

GEORGE JERIN.T (920420UAD046)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "MACHINE LEARNING POWERED ATTENDANCE MANAGEMENT SYSTEM" is the bonafide work of "VENKATESH.M.S (920420UAD027),VENKATESH.M (920420UAD033), GEORGE JERIN.T (920420UAD046)" who carried out the project work under my supervision.

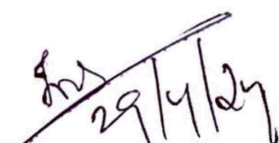

SIGNATURE

Dr. A. Meenakshi., M.E.,Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg. & Tech,
K.Vellakulam,
Virudhunagar – 625 701.


INTERNAL EXAMINER


SIGNATURE

Dr. A. Anandh., M.E., MBA., Ph.D.,
Supervisor,
Associate Professor,
Dept. of Computer Science and
Enginnering,
Kamaraj College of Engg. & Tech,
K.Vellakulam,
Virudhunagar – 625 701.


EXTERNAL EXAMINER

KAM-PaY

A PROJECT REPORT

Submitted by

VETRI VENTHAN C (920420UAD005)

PREM KUMAR G (920420UAD021)

RAGESH M (920420UAD035)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "KAM-PaY" is the bonafide work of "VETRI VENTHAN C (920420UAD005), PREM KUMAR G (920420UAD021) & RAGESH M (920420UAD035)" who carried out the project work under my supervision.


SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph. D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.


SIGNATURE

Mr.M.Rajasekaran, M.E., Ph. D.,
SUPERVISOR,
Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech
K.Vellakulam,
Virudhunagar - 625701.


INTERNAL EXAMINER


EXTERNAL EXAMINER

GARBLE SECURITY

A PROJECT REPORT

Submitted by

VINOTH G (920420UAD018)

SHIYAM SUNDAR G S (920420UAD003)

JAYANTHAN R (920420UAD014)

in partial fulfilment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "GARBLE SECURITY" is the bonafide work of "G.VINOTH (920420UAD018), G.S.SHIYAM SUNDAR (920420UAD003) & R.JAYANTHAN (920420UAD014)" who carried out the project work under my supervision.

Meenal
25/4/2024

SIGNATURE

Dr. A. Meenakshi, M.E., Ph. D.,

**Head of the Department,
Professor,**

**Dept. of Computer Science and
Engineering ,**

**Kamaraj College of Engg & Tech,
K.Vellakulam,**

Virudhunagar - 625 701.

Meenal
25/4/2024

SIGNATURE

Dr. A. Meenakshi, M.E., Ph. D.,

**Supervisor,
Professor,**

**Dept. of Computer Science and
Engineering,**

**Kamaraj College of Engg &Tech,
K.Vellakulam,**

Virudhunagar - 625 701.

B. Jayanthan
29/4/24

INTERNAL EXAMINER

J. S. Shiyam Sundar
29/4/24

EXTERNAL EXAMINER

GESTURE LISTEN

A PROJECT REPORT

Submitted by

R B SHRIDHARAN (920420UAD008)

S SRIKUMBESH(920420UAD036)

S ZAWAHAR(920420UAD022)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR – 625 701

BONAFIDE CERTIFICATE

Certified that the project report “GESTURE LISTEN” is the bonafide work of
“R.B.SHRIDHARAN(920420UAD008), S.SRIKUMBESH(920420UAD036)
& S.ZAWAHAR(920420UAD022)” who carried out the project under my
supervision



SIGNATURE

Dr. A. Meenakshi, M.E., Ph. D.,

Head of the Department,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.



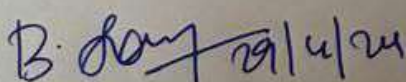
SIGNATURE

Mr.B.MUTHUKRISHNA

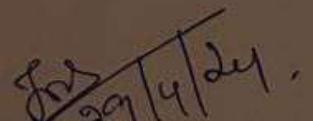
VINAYAGAM, M.E.,

SUPERVISOR,

Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech
K.Vellakulam,
Virudhunagar – 625 701



INTERNAL EXAMINER



EXTERNAL EXAMINER

ENHANCING LUNG CANCER PREDICTION USING ALEXNET

A PROJECT REPORT

Submitted by

GOPIKRISHNAN P (920420UAD001)

SHRI RAJESHWARAN M (920420UAD024)

SURYA A (920420UAD040)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution-Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution-Affiliated to Anna University, Chennai)

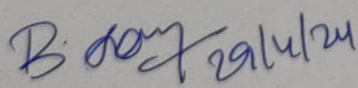
K.VELLAKULAM, VIRUDHUNAGAR – 625 701

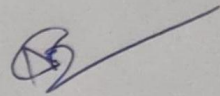
BONAFIDE CERTIFICATE

Certified that the project report “ENHANCHING LUNG CANCER PREDICTION USING ALEXNET” is the bonafide work of GOPIKRISHNAN P (920420UAD001), SHRI RAJESHWARAN M (920420UAD024), SURYA A (920420UAD040) who carried out the project work under my supervision.

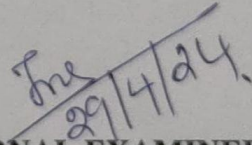

SIGNATURE

Dr. A. Meenakshi, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg &Tech,
K.Vellakulam,
Virudhunagar - 625701.


INTERNAL EXAMINER


SIGNATURE

Dr. G. Nirmala, M.E., Ph.D.,
Supervisor,
Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg &Tech,
K.Vellakulam,
Virudhunagar - 625701.


EXTERNAL EXAMINER

MUSIC RECOMMENDATION USING FACIAL EXPRESSION - (EMOTUNES)

A PROJECT REPORT

Submitted by

SHARVESH VISHNU K (20UAD006)

JEYESH VISHNU S (20UAD015)

JEEVARAJAN R (20UAD042)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)**

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "MUSIC RECOMMENDATION USING FACIAL EXPRESSION - (EMOTUNES)" is the bonafide work of "K. SHARVESH VISHNU (920420UAD006), S. JEYESH VISHNU (920420UAD015) & R. JEEVARAJAN (920420UAD042)" who carried out the project work under my supervision.

SIGNATURE

Dr. A. MEENAKSHI

Head of the Department,

Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar - 625 701.

SIGNATURE

Mr. V. RAJESH KANNAN, M.E.,

SUPERVISOR,

Assistant Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg & Tech

K.Vellakulam,

Virudhunagar - 625 701.

INTERNAL EXAMINER

F.16.1

EXTERNAL EXAMINER



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
B.E./B.Tech. SEM PRACTICAL EXAMINATIONS - APRIL 2024

Lab Code : AI2352

: Mini Project

Class/Semester : III ADS / VI

: 8.5.2024 FN - 9.30 AM to 12.30 PM

AN - 12.45

Venue : Conference Hall - I

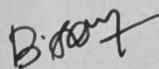
PM - 3.45 PM

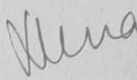
LIST OF PROJECTS

S.no	Batch No	Roll no	Name	Title	Guide Name
1	AD1	21UAD018	ROSHAN KUMAR N K	BUS ROUTE SUGGESTION APP	Mr.M.RAJASEKARAN
2		21UAD037	JEYADHEESH N		
3		21UAD052	SIVA PRAKASH S		
4	AD2	21UAD020	TARUN B	BOTANICAL CHATBOT	Mr.D.RAJ
5		21UAD035	NHIRANJAN MK		
6		21UAD051	MOHAMED FASIDH M		
7	AD3	21UAD003	SUTHAN V	FLIGHT TICKET PRICE ANALYSIS	Mrs.S.HEMASWATHI
8		21UAD045	ROHITH A		
9	AD4	21UAD060	GANESA MOORTHY.M	DROWSINESS DETECTION SYSTEM	Mrs.B.SANTHI PRIYA
10		21UAD007	PARAVEEN KUMAR M		
11		21UAD024	S.DINESH KUMAR		
12	AD5	21UAD048	SIVASAARATHI S	CONTENT RECOMMENDATION SYSTEM	Mrs.S.ATHILAKSHMI
13		21UAD047	KATHIROHN.A.M		
14		21UAD031	MOHAMED FAIZAL ALI.S		
15	AD6	21UAD050	HARINI R	TALENTRACK USING GEN-AI	Dr.G.NIRMALA
16		21UAD006	KAVYA P		
17		21UAD022	HEMA T		

19	AD7	21UAD046	SANTHOSH KUMAR S	PRECISION AGRO	Dr.U.KUMARAN
20		21UAD021	HARI HARA SUDHAN P		
21		21UAD039	SANTHOSH HM		
22		21UAD057	MANIKA VASAKAR T		
23	AD8	21UAD011	NIVEDITHA N	SMART GAS LEAKAGE DETECTION	Dr.P.PRAVEEN KUMAR
24		21UAD028	PERIA MAHALAKSHMI M		
25		21UAD008	HARSHINI B		
26	AD9	21UAD041	YUVA SRI R	SMART EDUCATION SYETEM	Mrs.R.INDHUJA
27		21UAD038	GENGADEVI P		
28	AD10	21UAD030	A.K.SOWNDARYA	WEBSITE FOR SCHOOL	Dr.G.MAHALAKSHMI
29		21UAD001	G.SIVAKAMI		
30		21UAD056	S.SYAMALA DEVI		
31	AD11	21UAD061	KARUPPASAMY V	PLACEMENT MANAGEMENT SYSTEM	Dr.A.MEENAKSHI
32		21UAD042	RAAMPRANAV R		
33	AD12	21UAD040	DEEPIKA SHRI N	SENTIMENTAL ANALYSIS FOR PHONE CALLS	Mrs.K.INDUMATHI
34		21UAD033	SRI SHIVANUJA S		
35		21UAD026	R SIVANI		
36	AD13	21UAD036	DHARANI.M	EMOTION DETECTION AND RECOGNITION FROM TEXT	Ms.J.LAVANYA
37		21UAD055	SHWEATHA AARTHY S.N		
38	AD14	21UAD019	SIVA RANJANI R	SIGN LANGUAGE DETECTOR USING CNN	Ms.S.JANANI
39		21UAD015	ADLIN WISELEY I		
40		21UAD014	MAKIMA SATTHI N		
41	AD15	21UAD002	AKSHAY PIRANAV B	HOSTEL MESS MANAGEMENT SYSTEM	Mr.V.RAJESH KANNAN
42		21UAD009	SURYA BALAN R		
43	AD16	21UAD059	SRINITHI S	CATCHER'S DILEMMA:FRUIT VS BIRD	Dr.R.MUTHU SELVI
44		21UAD058	MARIUMBEI S		
45		21UAD013	JAYASUDHA S		
46	AD17	21UAD032	VAEDANTH B	FOOD DONATION APP	Dr.G.UMA MAHESHWARI
47		21UAD005	VISHWANATH P		

		21UAD005	MATHIJAJIN A		
49	AD18	21UAD027	ANDALPRIYA C	FACE RECOGNITION FOR ATTENDANCE SYSTEM	Mrs.K.MUTHULAKSHMI
50		21UAD029	NUTTRENAI V		
51		21UAD034	RAJA LAKSHMI K		
52	AD19	21UAD010	AKASH R	COUNTRY VIEWER WEBSITE	Dr.A.ANANDH
53		21UAD017	MADESHWARAN.P		
54		21UAD012	NANDHA KUMAR M		
55	AD20	21UAD049	JANO KODESH M	PROSTHETIC ARM	Dr.R.RAMYA
56		21UAD043	VIJAYA MADAESWAR M		
57		21UAD062	JENITH JEFSON.V		
58	AD21	21UAD064	ABIMANYU N	BULL CALL SPREAD STRATEGY	Mrs.X. IGNATIUS SELVARANI
59		21UAD044	MOHAMMED FARHAN S		
60		21UAD063	PONMANI BOOPATHY P		
61	AD22	21UAD025	KISHORE KUMAR L	EVENT MANAGEMENT SYSTEM	Mrs.K.LEELARANI
62		21UAD053	AHAMED SAHIL A		
63		21UAD023	LAKSHMIPATHY VENKATESH V		


Mini Project Coordinators


HoD-CSE

BUS ROUTE SUGGESTION APP

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

ROSHAN KUMAR N K (920421243039)

JEYADHEESH N (920421243017)

SIVAPRAKASH S (920421243048)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625701

BONAFIDE CERTIFICATE

Certified that the project report "BUS ROUTE SUGGESTION APP" is the bonafide work of "ROSHAN KUMAR N K (920421243039), JEYADHEESH N (920421243017) & SIVAPRAKASH S (920421243048)" who carried out the project work under my supervision.

SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625701.

SIGNATURE

Mr. M. RAJASEKARAN, M.E., (Ph.D).,
Supervisor,
Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

8/5/24

BOTANICAL CHATBOT

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

NHIRANJAN MK (REG No: 920421243031)

TARUN B (REG No: 920421243056)

MOHAMED FASIDH M (REG No: 920421243029)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR – 625 701

BONAFIDE CERTIFICATE

Certified that the project report “BOTANICAL CHATBOT “is the bonafide work of “M.K. NHIRANJAN (REG No:920421243031), B. TARUN (REG NO:920421243056) & M. MOHAMED FASIDH (REG No:920421243029)” who carried out the project work under my supervision.

SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,

Head of the Department,

Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg& Tech,

K.Vellakulam,

Virudhunagar – 625 701.

SIGNATURE

Mr.D.RAJ, M.E.,

SUPERVISOR,

Assistant professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg&Tech

K.Vellakulam,

Virudhunagar – 625 701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

FLIGHT PRICE ANALYSIS USING MACHINE LEARNING

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

ROHITH A (REG No: 920421243038)

SUTHAN V (REG No: 920421243054)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K. VELLAKULAM - 625 701 (Near Virudhunagar)

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution Affiliated to Anna University, Chennai)
K.VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the mini project report “**FLIGHT PRICE ANALYSIS USING MACHINE LEARNING**” is the bonafide work of **ROHITH A (920421243038)** and **SUTHAN V (920421243054)** who carried out the mini project work under my supervision.

SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.

INTERNAL EXAMINER

SIGNATURE

Mrs. S. HEMASWATHI, M.E., (Ph.D.),
SUPERVISOR,
Assistant Professor,
Dept. of Computer Science and
Engineering ,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.

EXTERNAL EXAMINER

VITAL VIGILANCE: REVOLUTIONIZING DROWSINESS DETECTION

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

GANESA MOORTHYM (REG No:920421243009)

PRAVEEN KUMAR M (REG No:920421243035)

DINESH KUMAR S (REG No:920421243008)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)**

K.VELLAKULAM, VIRUDHUNAGAR - 625701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR –625701

BONAFIDE CERTIFICATE

Certified that the project report “VITAL VIGILANCE: REVOLUTIONIZING DROWSINESS DETECTION” is the bonafide work of “M. GANESA MOORTHY (REG No:920421243009), M. PRAVEEN KUMAR (REG No:920421243035) & S.DINESH KUMAR (REG No:920421243008)” who carried out the project work under my supervision



SIGNATURE

Dr.A.MEENAKSHI, M.E.,Ph.D.,

Head of the Department,

Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg& Tech,

K.Vellakulam,

Virudhunagar – 625 701.



SIGNATURE

Mrs.B.SANTHI PRIYA, M.E.,

SUPERVISOR,

Assistant Professor,


Dept. of Computer Science and

Engineering,

Kamaraj College of Engg&Tech,

K.Vellakulam,

Virudhunagar – 625 701.



INTERNAL EXAMINER



EXTERNAL EXAMINER

CONTENT RECOMMENDATION SYSTEM

**A MINI PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

KATHIROHN A M (920421243018)

SIVASAARATHI S (920421243049)

MOHAMED FAIZAL ALI S (920421243027)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625 701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625701

BONAFIDE CERTIFICATE

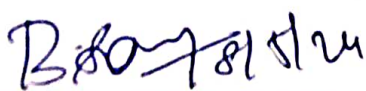
Certified that the project report “CONTENT RECOMMENDATION SYSTEM” is the bonafide work of “A.M.KATHIROHN (REG No:920421243018), S.MOHAMED FAIZAL ALI (REG NO:920421243027) & S.SIVASAARATHI (REG No:920421243049)” who carried out the project work under my supervision.


SIGNATURE

Dr. A. MEENAKSHI, M.E.,Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg.&Tech,
K.Vellakulam,
Virudhunagar - 625701.


SIGNATURE

Mrs.S.ATHILAKSHMI,M.E.,(Ph.D.),
Supervisor,
Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg.& Tech,
K.Vellakulam,
Virudhunagar - 625701.


INTERNAL EXAMINER


EXTERNAL EXAMINER

TALENTTRACK WITH GENAI

MINI PROJECT REPORT

(AI2352 & Mini Project)

Submitted by

HARINI R (920421243012)

HEMA T (920421243014)

KAVYA P (920421243019)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR - 625701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR - 625701

BONAFIDE CERTIFICATE

Certified that the project report "TALENTTRACK WITH GENAI" is the bonafide work of HARINI R (920421243012), HEMA T (920421243014), KAVYA P (920421243019) who carried out the project work under my supervision.



SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,
Head of the Department,

Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg& Tech,
K.Vellakulam,
Virudhunagar - 625701.



SIGNATURE

Dr. G. NIRMALA, M.E., Ph.D.,
Supervisor,

Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg&Tech
K.Vellakulam,
Virudhunagar - 625701.



INTERNAL EXAMINER



EXTERNAL EXAMINER

PRECISION AGRO
A PROJECT REPORT
(AI2352 & Mini Project)

Submitted by

Hari Hara Sudhan P (REG No: 920421243011)

Manikkavasakar T (REG No:920421243024)

Santhose HM (REG No:920421243042)

Santhosh kumar S (REG No: 920421243043)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625701

BONAFIDE CERTIFICATE

Certified that the project report "PRECISION AGRO" is the bonafide work of "Hari Hara Sudhan P (REG No:920421243011), Manikkavasakar T (REG No:920421243024), Santhose HM (REG No:920421243042), Santhosh kumar S (REG No:920421243043)" who carried out the project work under my supervision.

SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625701.

SIGNATURE

Dr. U. KUMARAN, M.E., Ph.D.,
SUPERVISOR,
Associate Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech
K.Vellakulam,
Virudhunagar - 625701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

SMART GAS LEAKAGE DETECTION

A PROJECT REPORT

(AI2352 & Mini Project)

Submitted by

HARSHINI B (920421243013)

NIVEDITHA N (920421243032)

PERIA MAHALAKSHMI M (920421243034)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR – 626 001

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution Affiliated to Anna University, Chennai)
K. VELLAKULAM, VIRUDHUNAGAR – 626 001

BONAFIDE CERTIFICATE

Certified that the mini project report “Smart Gas Leakage Detection” is the bonafide work of Harshini B(9204212430013), Niveditha N (920421243032), Peria Mahalakshmi M(920421243034) who carried out the mini project work under my supervision.



SIGNATURE

Dr. A. Meenakshi, Ph.D.,

Head of the Department,

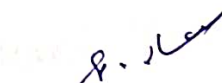
Professor,

Dept. of Computer Science and
Engineering,

Kamaraj College of Engg. & Tech.,

K.Vellakulam,

Virudhunagar-626001



SIGNATURE

Dr. P. Praveen Kumar, Ph.D.,

Supervisor,

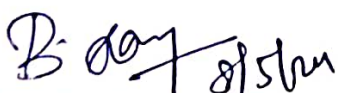
Associate Professor,

Dept. of Computer Science and
Engineering,

Kamaraj College of Engg. & Tech.,

K.Vellakulam,

Virudhunagar-626001



INTERNAL EXAMINER



EXTERNAL EXAMINER

SMART EDUCATION SYSTEM

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

YUVA SRI R (920421243060)

GENGADEVI P (920421243010)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625 701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "SMART EDUCATION SYSTEM" is the bonafide work of "YUVA SRI R (920421243060) & GENGADEVI P (920421243010)" who carried out the project work under my supervision.

SIGNATURE

Dr.A.Meenakshi., M.E., Ph.D.,
Head of the department,
Professor,
Dept of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar-625701

SIGNATURE

Mrs.R.Indhuja., M.E.,
Supervisor,
Assistant Professor,
Dept of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar-625701

INTERNAL EXAMINER

EXTERNAL EXAMINER

WEBSITE FOR SCHOOL

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

SOWNDARYA A K (920421UAD030)

SIVAKAMI G (920421UAD001)

SYAMALA DEVI S (920421UAD056)

In partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)**

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "WEBSITE FOR SCHOOL" is the bonafide work of "SOWNDARYA A K (920421UAD030) , SIVAKAMI G (920421UAD001) , SYAMALA DEVI S (920421UAD056) " who carried out the project work under my supervision.



SIGNATURE

Dr.A.MEENAKSHI,M.E.,Ph.D.,

Head of the Department,

Professor,

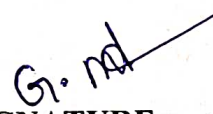
Dept. of Computer Science and

Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar – 625 701.



SIGNATURE

Dr.G.MAHALAKSHMI,M.E.,Ph.D.,

Supervisor,

Assistant Professor,


Dept. of Computer Science and

Engineering,

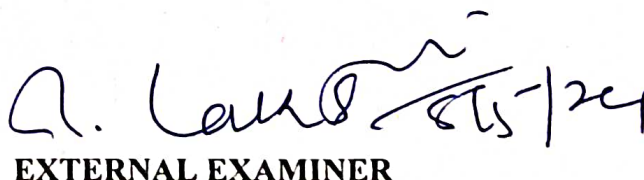
Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar – 625 701.



INTERNAL EXAMINER



EXTERNAL EXAMINER

Streamlining Career Opportunities: Navigating the Placement Coordination Hub

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

KARUPPASAMY V (920421243303)

RAAMPRAANAV R (920421243036)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K. VELLAKULAM, VIRUDHUNAGAR - 625701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR - 625701

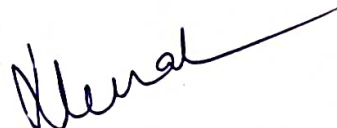
BONAFIDE CERTIFICATE

Certified that the project report “Streamlining Career Opportunities: Navigating the Placement Coordination Hub” is the bonafide work of “V. KARUPPASAMY (920421243303) & R.RAAMPRAHAV (920421243036)” who carried out the project work under my supervision.



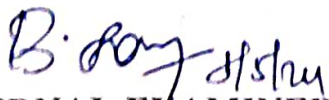
SIGNATURE

Dr. A. MEENAKSHI., M.E., Ph.D.,
Head of the Department,
Professor,
Department of Computer Science and
Engineering,
Kamaraj College of Engg& Tech,
K.Vellakulam,
Virudhunagar - 625701.



SIGNATURE

Dr. A. MEENAKSHI., M.E., Ph.D.,
SUPERVISOR,
Professor,
Department of Computer Science and
Engineering,
Kamaraj College of Engg&Tech
K.Vellakulam,
Virudhunagar - 625701.



INTERNAL EXAMINER



EXTERNAL EXAMINER

SENTIMENTAL ANALYSIS USING PHONE CALLS

A MINI PROJECT REPORT

(AI2352 & Mini Project)

Submitted by

SRI SHIVANUJA S (920421243051)

DEEPIKA SHRI N (920421243006)

SIVANI R (920421243047)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "SENTIMENTAL ANALYSIS USING PHONE CALLS" is the bonafide work of "SRI SHIVANUJS S(920421243051),DEEPIKA SHRI N(920421243006) & SIVANI R (920421243047)" who carried out the project work under my supervision.



Dr.A.Meenakshi, M.E,Ph.D.,

Head of the department,

Professor,

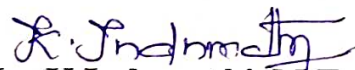
Dept of Computer Science and

Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar-625 701



Mrs.K.Indumathi, M.E.,

SUPERVISOR,

Assistant Professor,

Dept of Computer Science and

Engineering,

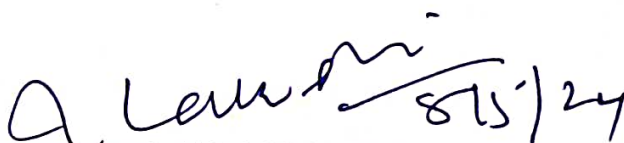
Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar-625 701



INTERNAL EXAMINER



EXTERNAL EXAMINER

EMOTION DETECTION USING TEXT CLASSIFICATION

**A PROJECT REPORT
(A12352 & Mini Project)**

Submitted by

DHARANI.M (920421243008)

SHWEATHA AARTHY S.N. (920421243044)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING KAMARAJ COLLEGE
OF ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "EMOTION RECOGNITION USING TEXT CLASSIFICATION" is the bonafide work of " S.N.SHWEATHA AARTHY S.N. (920421243044), M . DHARANI (920421243008)" who carried out the project work under my supervision.


SIGNATURE

Dr. A. Meenakshi, M.E., Ph.D.,

Head of the Department,


Professor,

Dept. of Computer Science and
Engineering,

Kamaraj College of Engineering and
Technology,

K. Vellakulam - 625 701,

Virudhunagar.


INTERNAL EXAMINER


SIGNATURE

Ms. J. Lavanya, M.Tech.,

Supervisor,

Assistant Professor,

Dept. of Artificial Intelligence and
Datascience,

Kamaraj College of Engineering and
Technology,

K. Vellakulam - 625 701,

Virudhunagar.


EXTERNAL EXAMINER

SIGN LANGUAGE DETECTION USING CONVOLUTIONAL NEURAL NETWORK

**A PROJECT REPORT
(A12352 & Mini Project)**

Submitted by

ADLIN WISELEY I (920421243001)

MAKIMA SATTHIN (920421243023)

SIVA RANJANI R (920421243045)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K. VELLAKULAM, VIRUDHUNAGAR - 625 701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "SIGN LANGUAGE DETECTION USING CONVOLUTIONAL NEURAL NETWORK" is the bonafide work of " I.ADLIN WISELEY (920421243001), N.MAKIMA SATTHI (920421243023), R.SIVA RANJANI (902421243045)" who carried out the project work under my supervision.


SIGNATURE

Dr. A. Meenakshi, M.E, Ph.D.,
Head of the Department,
Associate Professor,
Dept. of Computer Science,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.


SIGNATURE

Ms. S. Janani, M.E,
Supervisor,
Assistant Professor
Dept. of Computer Science,
Kamaraj College of Engg &Tech,
K.Vellakulam,
Virudhunagar - 625 701.


INTERNAL EXAMINER


EXTERNAL EXAMINER

HOSTEL MESS MANAGEMENT SYSTEM

MINI PROJECT REPORT

Submitted by

AKSHAY PIRANAV B 920421243004

SURYA BALAN R 920421243053

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625701

BONAFIDE CERTIFICATE

Certified that the project report "HOSTEL MESS MANAGEMENT SYSTEM" is the bonafide work of "B.AKSHAY PIRANAV 920421243004 & R.SURYA BALAN 920421243053 "who carried out the project work under my supervision.



SIGNATURE

Dr. A. MEENAKSHI

Head of the Department,

Professor,

Dept. of Computer Science and

Engineering,

Kamaraj College of Engg& Tech,

K.Vellakulam,

Virudhunagar - 625701.



SIGNATURE

MR.V.RAJESH KANNAN

SUPERVISOR,

Assistant Professor,

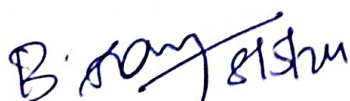
Dept. of Computer Science and

Engineering,

Kamaraj College of Engg&Tech

K.Vellakulam,

Virudhunagar - 625701.



INTERNAL EXAMINER



EXTERNAL EXAMINER

CATCHER'S DILEMMA: FRUIT VS BIRD

A PROJECT REPORT

(A12352 & Mini Project)

Submitted by

SRINITHI S (21UAD059)

MARIUMBEI S (21UAD058)

JAYASUDHA S (21UAD013)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN**

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution- Affiliated to Anna University, Chennai)
K. VELLAKULAM, VIRUDHUNAGAR - 625701

BONAFIDE CERTIFICATE

Certified that the project report “**CATCHER’S DILEMMA: FRUIT VS BIRD USING AR**” is the bonafide work of **SRINITHI S (21UAD059), MARIUMBEI S(21UAD058), JAYASUDHA S (21UAD013)** who carried out the project work under my supervision.


SIGNATURE

Dr. A. Meenakshi, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engineering and
Technology,
K.Vellakulam – 625 701,
Virudhunagar.


INTERNAL EXAMINER


SIGNATURE

Dr. R. Muthuselvi, M.E., Ph.D.,
SUPERVISOR,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engineering and
Technology,
K.Vellakulam – 625 701,
Virudhunagar.


EXTERNAL EXAMINER 8/5/24

FOOD DONATION APPLICATION

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

B.VAEDANTH

(REG No:920421243057)

P.VISHWANATH

(REG No:920421243059)

A.MATHIJAJIN

(REG No:920421243026)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN**

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "FOOD DONATION APPLICATION" is the bonafide work of "B.VAEDANTH (REG No:920421243057), P.VISHWANATH (REG No:920421243059) & A .MATHIYAJIN(REG No:920421243026)" who carried out the project work under my supervision.


SIGNATURE

Dr.A.Meenakshi,M.E,Ph.D

Head of the Department,

Professor,

Dept. of Computer science and

ing,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar - 625 701.


SIGNATURE

Dr.G.Uma Maheswari,M.E,Ph.d

Supervisor ,

Assistant Professor,

Dept. of computer science and Engineer-

Engineering

Kamaraj College of Engg &Tech,

K.Vellakulam,

Virudhunagar - 625 701.


INTERNAL EXAMINER


EXTERNAL EXAMINER

STUDENT ATTENDANCE SYSTEM USING FACE RECOGNITION

A PROJECT REPORT

(AI2352 & Mini Project)

Submitted by

ANDALPRIYA C (920421243005)

NUTTRENAI V (920421243033)

RAJA LAKSHMI K (920421243037)

In partial fulfilment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN**

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K. VELLAKULAM-625 701(Near Virudhunagar)

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K. VELLAKULAM-625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that this project report "STUDENT ATTENDANCE SYSTEM USING FACE RECOGNITION" is the bonafide work of ANDALPRIYA C (920421243005), NUTTRENAI V (920421243033) and RAJA LAKSHMI K (920421243037) who carried out the project work under my supervision.



Dr. A. MEENAKSHI, M.E., Ph.D.,

Head Of The Department,

Professor

Dept. of Computer Science and
Engineering

Kamaraj College of Engineering and
Technology,

K. Vellakulam - 625701

(Near Virudhunagar).



Mrs. K. MUTHU LAKSHMI, M.E., (Ph.D.),

Supervisor,

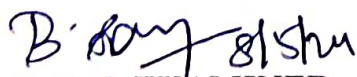
Assistant Professor

Dept. of Computer Science and
Engineering

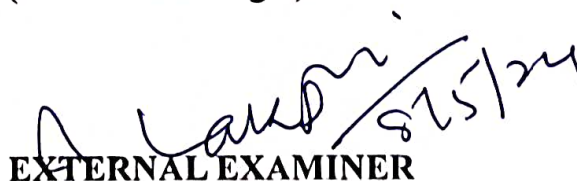
Kamaraj College of Engineering and
Technology,

K. Vellakulam - 625701

(Near Virudhunagar).



INTERNAL EXAMINER



EXTERNAL EXAMINER

GLOBAL GAZE WEBSITE BY ANGULAR JS

A PROJECT REPORT

(AI2352 & Mini Project)

Submitted by

AKASH R (920421243003)

MADESHWARAN P (920421243022)

NANTHA KUMAR M (920421243030)

in partial fulfillment for the award of the

degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

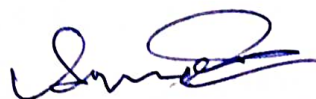
BONAFIDE CERTIFICATE

Certified that the project report "GLOBAL GAZE WEBSITE BY ANGULAR JS" is the bonafide work of "R.AKASH (920421243003), P.MADESHWARAN (920421243022) & M.NANTHAKUMAR (920421243030)" who carried out the project work under my supervision.



Dr.A.MEENAKSHI,M.E.,Ph.D.,
Professor & Head of the department

Dept of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar-625701



Dr.A.ANANDH,M.E.,MBA,Ph.D,
Associate Professor,

Dept of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar-625701



INTERNAL EXAMINER



EXTERNAL EXAMINER

PROSTHETIC ARM USING EXG SENSOR

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

JANO KODESH (920421243015)

VIJAYA MADESWAR.M (920421243058)

JENITH JEFSON.V (920421243302)

In partial fulfilment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K. VELLAKULAM, VIRUDHUNAGAR - 626 001**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

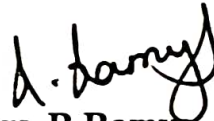
K.VELLAKULAM, VIRUDHUNAGAR - 626 001

BONAFIDE CERTIFICATE


Certified that the project report "PROSTHETIC ARM USING EXG SENSOR" is the bonafide work of "Jano Kodesh M (920421243015), Vijayamadaeshwar (920421243058), Jenith Jefson.V (920421243302)" who carried out the project work under my supervision.



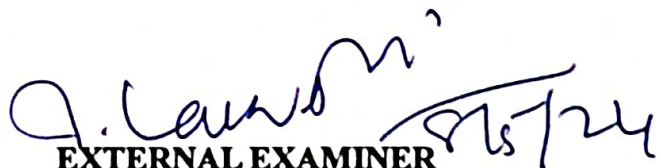
Dr. A. Meenakshi, M.E., Ph. D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 626 001.



Mrs. R. Ramya, , M.E., Ph.D.,
Supervisor,
Associate Professor,
Dept. of Computer
Science and Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 626 001.



INTERNAL EXAMINER



EXTERNAL EXAMINER

BULL CALL SPREAD STRATEGY

A PROJECT REPORT

Submitted by

PONMANI BOOPATHY P (920421243304)

MOHAMED FARHAN S (920421243028)

ABIMANYU N (920421243301)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625701**

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625701

BONAFIDE CERTIFICATE

Certified that the project report "BULL CALL SPREAD STRATEGY" is the bonafide work of "P.PONMANI BOOPATHY (920421243304), S.MOHAMED FARHAN (920421243028) & N.ABIMANYU(920421243301)" who carried out the project work under my supervision.


SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625701.


SIGNATURE

Mrs. X. IGNATIUS SELVARANI, M.E.,
Supervisor,
Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech
K.Vellakulam,
Virudhunagar - 625701.


INTERNAL EXAMINER

F.16.1


EXTERNAL EXAMINER

BULL CALL SPREAD STRATEGY

A PROJECT REPORT

Submitted by

PONMANI BOOPATHY P (920421243304)

MOHAMED FARHAN S (920421243028)

ABIMANYU N (920421243301)

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)**

K.VELLAKULAM, VIRUDHUNAGAR - 625701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625701

BONAFIDE CERTIFICATE

Certified that the project report "BULL CALL SPREAD STRATEGY" is the bonafide work of "P.PONMANI BOOPATHY (920421243304), S.MOHAMED FARHAN (920421243028) & N.ABIMANYU(920421243301)" who carried out the project work under my supervision.



SIGNATURE

Dr. A. MEENAKSHI, M.E., Ph.D.,
Head of the Department,
Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625701.



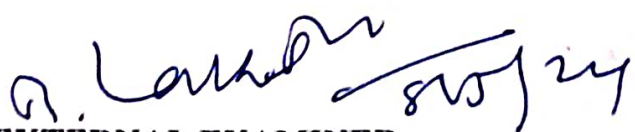
SIGNATURE

Mrs. X. IGNATIUS SELVARANI, M.E.,
Supervisor,
Assistant Professor,
Dept. of Computer Science and
Engineering,
Kamaraj College of Engg & Tech
K.Vellakulam,
Virudhunagar - 625701.



INTERNAL EXAMINER

F.16.1



EXTERNAL EXAMINER

EVENT MANAGEMENT SYSTEM

**A PROJECT REPORT
(AI2352 & Mini Project)**

Submitted by

V.LAXMIPATHY VENKATESH

(REG No:920421243021)

L.KISHORE KUMAR

(REG No:920421243020)

A.AHAMED SAHIL

(REG No:920421243002)

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



DEPARTMENT OF COMPUTER SCIENCE

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution- Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "EVENT MANAGEMENT SYSTEM" is the bonafide work of "V.LAXMIPATHY VENKATESH (REG No:920421243021), L.KISHORE KUMAR(REG No:920421243020) & A.AHAMED SAHIL(REG No:920421243002)" who carried out the project work under my supervision.


SIGNATURE

Dr.A.MEENAKSHI,M.E.,Ph.D.,
Head of the Department,
Professor,
Dept. of Computer science and
Engineering,
Kamaraj College of Engg & Tech,
K.Vellakulam,
Virudhunagar - 625 701.


INTERNAL EXAMINER


SIGNATURE

Mrs.K.LEELARANI,M.E.,
SUPERVISOR ,
Assistant Professor,
Dept. of computer science and
Engineering ,
Kamaraj College of Engg &Tech,
K.Vellakulam,
Virudhunagar - 625 701.


EXTERNAL EXAMINER

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
INTERNSHIP NAME LIST

EMIC YEAR 2024-2025

(III YEAR – AI&DS) 2022 – 2026 BATCH

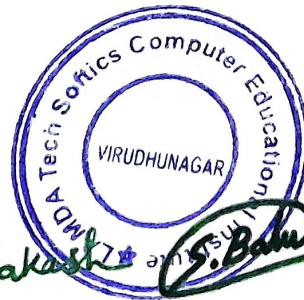
S.No	Roll No	Register No.	Name
1	22UAD001	920422243036	RAJ NITHITHA.M.N.B
2	22UAD003	920422243001	ADHITTHA RAM.D
3	22UAD004	920422243011	FATHIMA.I
4	22UAD005	920422243019	JEFFREY BENSON.S
5	22UAD007	920422243008	DEEPANRAJ JACOB.M
6	22UAD008	920422243020	JEYA RIMAASRI.S
7	22UAD009	920422243040	SALOMON JEBA SINGH.L
8	22UAD010	920422243027	MEDHANA.K
9	22UAD011	920422243028	MOHAMMAD AHSAN.J
10	22UAD012	920422243046	SOLAI PRAKASH.V
11	22UAD013	920422243053	VASANTH.R
12	22UAD014	920422243045	SIVA PRAKASH.P
13	22UAD015	920422243005	ANU.J
14	22UAD016	920422243048	SUMITHRA.K
15	22UAD018	920422243049	SURIYA NANDHINI.M
16	22UAD020	920422243037	RASHA AFRIN ASHRAF ALI KHAN
17	22UAD021	920422243029	NAGA HARISH KUMAR.K
18	22UAD022	920422243018	JAI AKASH.R
19	22UAD023	920422243006	ASHIKA.T
20	22UAD024	920422243055	VINO.R.C
21	22UAD025	920422243026	LISHIGA.T
22	22UAD026	920422243058	YOGESH.P
23	22UAD027	920422243004	AKSHAYA.K.S
24	22UAD028	920422243022	KAAVIYAA.G
25	22UAD029	920422243016	HARISHMI.R
26	22UAD030	920422243034	PREETHIGA.V
27	22UAD031	920422243039	ROHITH.T
28	22UAD032	920422243012	GEETHAN.S
29	22UAD033	920422243014	HAREN GURU.V
30	22UAD034	920422243047	SRI VAISHNAVI.S
31	22UAD035	920422243017	ISHWARYA LAKSHMI.M
32	22UAD036	920422243043	SELVAPANDEESWARAN.V
33	22UAD037	920422243052	VAISHNAVI.S
34	22UAD038	920422243015	HARIHARASUNDARAM.S
35	22UAD039	920422243032	OORMILA.C
36	22UAD040	920422243021	JEYA SOWMIYA.J
37	22UAD041	920422243033	PARANI DHARSHAN.B
38	22UAD042	920422243054	VIJAY CHIDAMBARANATHAN.A
39	22UAD044	920422243002	AKASH.R
40	22UAD045	920422243042	SATHANA.K
41	22UAD047	920422243056	VISHNU PRITHVI.C
42	22UAD048	920422243023	KANAGARINCY.J
43	22UAD049	920422243050	SURYA DHARSHINI.M
44	22UAD051	920422243044	SHARON.P
45	22UAD052	920422243031	NITHYASHREE.A
46	22UAD054	920422243035	RAFIQ AHAMED.K
47	22UAD055	920422243038	ROGAN.S
48	22UAD057	920422243051	SYED NAZMUDEEN.S
49	22UAD058	920422243030	NISANTH KRISHNA.M
50	22UAD059	920422243013	GOKULAVASAN.J

CERTIFICATE OF COMPLETION

This is to certify that

RAJ NITHITHA M N B

*a student of Kamaraj College of Engineering and Technology
has done internship on Machine Learning held from 03.06.2024
to 19.06.2024 and completed the training. Found to be satisfactory.*



M. Prakash

MANAGING DIRECTOR



E-dot Technologies

Industrial Solution Provider

(TN18D0008025)

246, Tiruchendur Road, Palayamkottai, Tirunelveli – 627 002.

Gmail: edottechnologies1994@gmail.com Website : www.edottechnologies.in

Mobile : 98421 51619, 89038 41619, 89038 51619

CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER E20240058

This certificate is awarded to Mr. Adhittha Ram D, Reg.No: 920422243001, B.Tech 2nd year in Artificial Intelligence and Data Science Engineering, Kamaraj College Of Engineering And Technology, Virudhunagar for the successful completion of Internship in our organization at Tirunelveli From 29th May 2024 to 13th June 2024. During the course of internship he has exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the student performance and would like to wish them success in their future endeavors.

(S. Babu Sankar Ganesh)

Managing Director,

E-dot Technologies,

Tirunelveli.





ACCENT TECHNO SOFT
Quality Matters...



An ISO 9001:2015 Certified

29.06.2024

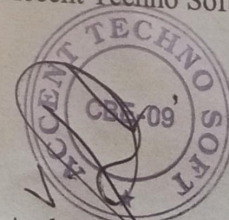
Coimbatore

TO WHOMSOEVER IT MAY CONCERN

This is to inform you that **Ms. FATHIMA I** (Reg No :920422243011) of **II B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE** from **Kamaraj College of Engineering and Technology** has successfully completed her Internship Training and Mini project Entitled **"SEMINAR HALL USING PYTHON WITH DJANGO"** in our organization from **27.05.2024 to 29.06.2024**.

During this period, she was sincere and regular in attending all phases of Intern program.

For Accent Techno Soft (ATS),



Authorized Signatory

#203, Nehru Street, Ram Nagar, Coimbatore - 641009

www.accenttechnosoft.com

0422 - 4212232

info@accenttechnosoft.com



Date: 25/06/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms S. Jeffrey Benson
has successfully completed 20 Days of an Internship/~~Workshop~~/~~Industrial~~
~~Training~~ in our organization from 05/06/2024 to 25/06/2024 in the department of
Flutter Development. He / ~~She~~ was highly motivated and hardworking. He/~~She~~
found to be sincere during the training and did a very good job

We wish him/her great success for his/her future endeavors

For KEVELLGURU

S. P. J.

(Pandeewari)





INTERNSHIP COMPLETION CERTIFICATE

This is to inform that Mr/Ms _____ DEEPANRAJ JACOB M _____ has successfully completed his/her internship offered by RECCSAR PVT. LTD., Madurai on FULLSTACK WEB DEVELOPMENT WITH AWS CLOUD COMPUTING from June 3rd 2024 to June 22nd 2024 we found his/her performance during this internship period has been satisfactory.

S.K. Sanjay Raj

DIRECTOR

S.K. Sanjay Raj

Reccsar Pvt. Ltd.

01.07.2024

CERTIFICATE FOR COMPLETION

To Whomsoever It May Concern

This is to certify Ms.A.S.Jeya rimaasri (Reg.No.920422243020) student of Second Year **B.Tech (Artificial Intelligence and Data Science)** from **Kamaraj College of Engineering and Technology (Autonomous)**, Virudhunagar has done her HTML Internship Training in our organisation during the period of one month (01-06-2024 to 30-06-2024). During the internship period she has shown keen interest in her tasks.

Wishing you all the best for your future endeavours.

For DCE Technology,





D C - 22, 4th Floor, Tidel Park
Elcot Sez, Coimbatore Aerodrome
Coimbatore - 641014

30.06.2024

TO WHOMSOEVER IT MAY CONCERN

CERTIFICATE OF COMPLETION

This is to certify that **L. SALOMON JEBA SINGH**, [22UAD009], student of B.Tech (AI & DS), Kamaraj College of Engineering & Technology, Virudhunagar has successfully completed a 30-day internship program in Internet of Things with Android from **27.05.2024** to **30.06.2024**.

During this period, **L. SALOMON JEBA SINGH** has demonstrated a keen understanding of IoT concepts and has contributed actively to the projects assigned. The internship involved practical exposure to various aspects of IoT, including but not limited to:

- Understanding IoT architecture, Sensor, Actuators and components
- Hands-on experience with IoT hardware and software with Android
- Developing and deploying various real time projects in IoT
- Analyzing data collected from IoT devices and working with cloud & AI

His performance throughout the internship was commendable, and we believe that the knowledge and skills gained during this period will be valuable in their future endeavors. We wish all the best in his future career.

With Best Wishes

P. Ganesh | Project Manager



Technology Partner

U Can Solution

www.ucansolution.com



CERTIFICATE OF COMPLETION

This is to certify that

MEDHANA K

*a student of Kamaraj College of Engineering and Technology
has done internship on Machine Learning held from 03.06.2024
to 19.06.2024 and completed the training. Found to be satisfactory.*



M. Pradeep

S. Balu

MANAGING DIRECTOR

EGC: EPRO: 2023-2024

Date: 21/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr J. MOHAMMAD AHSAN** (Reg. No: 920422243028) student of Second Year B.Tech., (Artificial Intelligence and Data Science) from **KAMARAJ COLLEGE of ENGINEERING & TECHNOLOGY (AUTONOMOUS), VIRUDHUNAGAR**. He has successfully completed his “**MACHINE LEARNING WITH PYTHON INTERNSHIP TRAINING**” in our organization **ELYSIUM TECHNOLOGIES PRIVATE LIMITED** during the period of 03rd June 2024 to 21st June 2024.

We have that during the period he has shown keen interest in his assignment and was also regular attendance with 100%.

With best regards,



Project Coordinator

ELYSIUM TECHNOLOGIES PRIVATE LIMITED

Certificate of Completion

June 20, 2024

We are Certify that **Mr. V. SOLAI PRAKASH (Reg. no: 920422243046)** Second year B.Tech., (Artificial Intelligence and Data Science), Kamaraj College of Engineering and Technology, Virudhunagar is presented with this certificate on successful completion of **Android App Development** under the guidelines and norms of the program structure conducted during the dates **5th June 2024 to 20th June 2024** attendee met all certification requirements and successful performance on the required competence examination.

Best wishes and regards,

K.s. Aravindh

Kitkat Software Technologies.



KITKAT SOFTWARE TECHNOLOGIES

No: 70/77, 1st floor, Krishna Complex,
Kattoor Rd, P N Palayam,
Coimbatore, Tamil Nadu 641037

Ph no: 8428471105

Visit us at: www.kitkatsoftwaretechnologies.com



INTERNSHIP CERTIFICATE

This Certificate has been awarded to

Mr. Vasanth R

for Successful completing the Internship as a **Flutter**

Development Bracezin Technologies Private Limited

Hosted from **03.06.2024** to **05.07.2024**

In the way of recognizing the recipient's dedication and achievements,
we extend our best wishes for the continued success in all future endeavors.



Bracezin
Technologies Pvt. Ltd

Authorised Signature
JAYAKUMAR A

Certificate of Completion

June 20, 2024

We are Certify that **Mr. J.P. SIVA PRAKASH** (Reg. no: 920422243045) Second year **B.Tech., (Artificial Intelligence and Data Science)**, **Kamaraj College of Engineering and Technology, Virudhunagar** is presented with this certificate on successful completion of **Android App Development** under the guidelines and norms of the program structure conducted during the dates **5th June 2024 to 20th June 2024** attendee met all certification requirements and successful performance on the required competence examination.

Best wishes and regards,

K.S. Aravindh



Kitkat Software Technologies.

KITKAT SOFTWARE TECHNOLOGIES

No: 70/77, 1st floor, Krishna Complex,
Kattoor Rd, P N Palayam,
Coimbatore, Tamil Nadu 641037

Ph no: 8428471105

Visit us at: www.kitkatsoftwaretechnologies.com



Date: 02/07/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms J. Anu
has successfully completed 20 Days of an Internship/~~Workshop~~/~~Industrial~~
~~Training~~ in our organization from 10/06/2024 to 02/07/2024 in the department of
kleb Development. He / She was highly motivated and hardworking. He/She
found to be sincere during the training and did a very good job

We wish him/her great success for his/her future endeavors

For KEVELLGURU

S. P. J.

(Pandeewari)



www.kevellguru.org



academic@kevellguru.org



33, Chitra Madhavan Enclave,
Hakim AjmalKhan Road
(Near Lady Doak College Back Gate),
Chinna Chokkikulam, Madurai-625002.

CERTIFICATE OF COMPLETION

This is to certify that

SUMITHRA K

*a student of Kamaraj College of Engineering and Technology
has done internship on Machine Learning held from 03.06.2024
to 19.06.2024 and completed the training. Found to be satisfactory.*



M. Prakash *(S. Balu)*

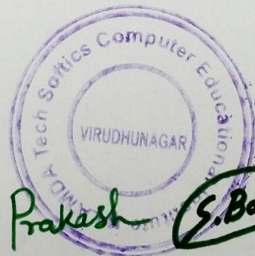
MANAGING DIRECTOR

CERTIFICATE OF COMPLETION

This is to certify that

SURIYA NANDHINI M

*a student of Kamaraj College of Engineering and Technology
has done internship on Machine Learning held from 03.06.2024
to 19.06.2024 and completed the training. Found to be satisfactory.*



MANAGING DIRECTOR



INTERNSHIP COMPLETION CERTIFICATE

This is to inform that Mr/Ms RASHA AFRINA has successfully completed
his/her internship offered by RECCSAR PVT. LTD., Madurai on PYTHON LANGUAGE
AND MACHINE LEARNING from June 3rd 2024 to July 3rd 2024
we found his/her performance during this internship period has been satisfactory.

S.K. Sanjay Raj
DIRECTOR
S.K. Sanjay Raj
Reccsar Pvt. Ltd.



INTERNSHIP COMPLETION CERTIFICATE

This is to inform that Mr/Ms RASHA AFRIN A has successfully completed
his/her internship offered by RECCSAR PVT. LTD., Madurai on PYTHON LANGUAGE
AND MACHINE LEARNING from June 3rd 2024 to July 3rd 2024
we found his/her performance during this internship period has been satisfactory.

S.K. Sanjay Raj
DIRECTOR
S.K.Sanjay Raj
Reccsar Pvt. Ltd.



HDLC TECHNOLOGIES

Certificate of Internship

This is to certify that

Naga Harish Kumar K

is hereby awarded this certificate for successfully completing Internship program in **Data science and Machine Learning** between **03/06/2024** & **17/06/2024**. During the time of Internship he has worked with commitment and successfully completed the project.

We wish him all the very best for future endeavors.

Program Head



Certificate issued on 20/06/2024

Certificate id : HDLC/IT/MY/3584



XploCode
Infotech Pvt Ltd

No 26/5, 1st Floor, TPK road, Vasantha
nagar, Madurai - 625003

This is to certify that

R.JAI AKASH

has successfully completed the **WEB DESIGNING** course at xploCode
Infotech from 01/06/2024 to 30/06/2024. This certificate is awarded as
recognition of completion and proficiency in the field.



P. Hutheter

Manager
XploCode Infotech



ACCENT TECHNO SOFT
Quality Matters...



An ISO 9001:2015 Certified

03.07.2024

Coimbatore

TO WHOMSOEVER IT MAY CONCERN

This is to certify you that **Ms. ASHIKA T** (Reg No : 920422243006), of **II B.Tech Artificial Intelligence & Data Science** from **Kamaraj College of Engineering and Technology** has successfully completed her Internship Training and Mini project Entitled **"LIVE NEWS FORECASTING USING FLUTTER"** in our Organization from **03.06.2024 to 03.07.2024**.

During this period, she was sincere and regular in attending all phases of Intern program.

For Accent Techno Soft (ATS),



Authorized Signatory

#203, Nehru Street, Ram Nagar, Coimbatore - 641009

w.accenttechnosoft.com

0422 - 4212232

info@accenttechnosof



XploCode
Infotech Pvt Ltd

No 26/5, 1st Floor, TPK road, Vasantha
nagar, Madurai - 625003

This is to certify that

R.C.VINO

has successfully completed the **WEB DESIGNING** course at xploCode
Infotech from 01/06/2024 to 30/06/2024. This certificate is awarded as
recognition of completion and proficiency in the field.



P. Hutheter

Manager
XploCode Infotech



Certificate NO: PANMD615

Certificate of Completion

This is to certify that Mr./Ms LISHIGA.T

From KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY
department of ARTIFICIAL INTELLIGENCE & DATA SCIENCE has
successfully completed the Internship program in
FULL STACK DEVELOPMENT

Duration: 10.06.24 to: 28.06.24

Technical Director



Brand Manager

28.06.24
Date of Issue



Pantech ProEd Pvt.Ltd



E-dot Technologies

Industrial Solution Provider

(TN18D0008025)

246, Tiruchendur Road, Palayamkottai, Tirunelveli – 627 002.

Gmail: edottechnologies1994@gmail.com Website : www.edottechnologies.in

Mobile : 98421 51619, 89038 41619, 89038 51619

CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER E20240060

This certificate is awarded to Mr. Yogesh P, Reg.No: 920422243058, B.Tech 2nd year in Artificial Intelligence and Data Science Engineering, Kamaraj College Of Engineering And Technology, Virudhunagar for the successful completion of Internship in our organization at Tirunelveli From 02th June 2024 to 16th June 2024. During the course of internship he has exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable. We are extremely satisfied with the student performance and would like to wish them success in their future endeavors.

(S. Babu Sankar Ganesh)

Managing Director,
E-dot Technologies,
Tirunelveli.



01.07.2024

CERTIFICATE FOR COMPLETION

To Whomsoever It May Concern

This is to certify Ms.K.S.Akshaya (**Reg.No.920422243004**) student of Second Year **B.Tech (Artificial Intelligence and Data Science)** from **Kamaraj College of Engineering and Technology (Autonomous)**, Virudhunagar has done her HTML Internship Training in our organisation during the period of one month (01-06-2024 to 30-06-2024). During the internship period she has shown keen interest in her tasks.

Wishing you all the best for your future endeavours.

For DCE Technology,





Zealsoft
Technology Solutions

Training | Development | Consulting

ISO 9001: 2015 Certified

ZEALSOFT

Academy of Corporate Training

CERTIFICATE OF INTERNSHIP

In

Web Development

(History and Basics of Tools)

With Hands on Real Time Experience

This is to Certify that

KAAVIYAA G

(920422243022)


From **Kamaraj College of Engineering and Technology, Virudhunagar** doing her **B. Tech (Artificial Intelligence & Data Science)** Second year and she has attended **Internship** course of instruction with the use of approved Domain and Technologies (**Web Development Basics**)

The Training Includes comprehensive instruction in the correct use and application of real time Training together with the general understanding of the Current Core Company Scale.

A practical recognition test of all of the concepts currently being used in the industry and their demonstration and application is conducted and her performance is good.

Her **Internship** Experience with us for **Fifteen Days (3rd June 2024 To 19th June 2024)** is fine and good.

Signed


Director of Training



Zealsoft Technology Solutions (P) Ltd.

Corporate office: # 24B/1, Soundarya Towers, Kuruvikaran salai 2nd street, Annanagar, Madurai-20.Tamilnadu.

Branch Office: Lakshmi Towers, 1st Floor, Avvai Thirunagar, 5th Street, Koyambedu, Chennai - 92.

725-A1, Viruthunagar Main Road. Thiruthangal, Near Sivakasi, VNR district, Tamilnadu. India.Pin: 626130.

Website: www.Zealsoft.net Email: info@zealsoft.net Ph: +91 452 4210352, +91 99449 74003, +91 99625 82008, +91 99765 89444



XploCode
Infotech Pvt Ltd

No 26/5, 1st Floor, TPK road, Vasantha
nagar, Madurai - 625003

This is to certify that

R.HARISHMI

has successfully completed the **WEB DESIGNING** course at xploCode
Infotech from 01/06/2024 to 30/06/2024. This certificate is awarded as
recognition of completion and proficiency in the field.



P. H. H. H. H.

Manager

XploCode Infotech



Zealsoft
Technology Solutions

Training | Development | Consulting

ISO 9001: 2015 Certified

ZEALSOFT

Academy of Corporate Training

CERTIFICATE OF INTERNSHIP

In

Web Development

(History and Basics of Tools)

With Hands on Real Time Experience

This is to Certify that

PREETHIGA V

(920422243034)

From **Kamaraj College of Engineering and Technology, Virudhunagar** doing her **B. Tech (Artificial Intelligence & Data Science)** Second year and she has attended **Internship** course of instruction with the use of approved Domain and Technologies (**Web Development Basics**)

The Training Includes comprehensive instruction in the correct use and application of real time Training together with the general understanding of the Current Core Company Scale.

A practical recognition test of all of the concepts currently being used in the industry and their demonstration and application is conducted and her performance is good.

Her **Internship** Experience with us for **Fifteen Days (3rd June 2024 To 19th June 2024)** is fine and good.

Signed


Director of Training

Zealsoft Technology Solutions (P) Ltd.

Corporate office: # 24B/1, Soundarya Towers, Kuruvikaran salai 2nd street, Annanagar, Madurai-20.Tamilnadu.

Branch Office: Lakshmi Towers, 1st Floor, Avvai Thirunagar, 5th Street, Koyambedu, Chennai - 92.

725-A1, Viruthunagar Main Road. Thiruthangal, Near Sivakasi, VNR district, Tamilnadu. India.Pin: 626130.

Website: www.Zealsoft.net Email: info@zealsoft.net Ph: +91 452 4210352, +91 99449 74003, +91 99625 82008, +91 99765 89444



PHOENIX SOFTECH

Internship Certificate

This is to certify that

T. ROHITH

Student of

B.Tech., (Artificial Intelligence and Data Science) from

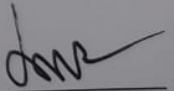
Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Full Stack Web Development with Python

Held From 17-06-2024 *to* 02-07-2024

02-07-2024
Dated


Authorized Signatory



Office Address: No:40, AJ Complex, By-pass road, Madurai.
E-mail: contact@webgapp.com
Website: www.webgapp.com

Ref: wp/web/GA717

Date: 28/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr.S.GEETHAN**, S/O.V.Sankaranarayanan, RegNo: **920422243012**, Department of ARTIFICIAL INTELIGENCE AND DATA SCIENCE at **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, located S.P.G.C Nagar, K.Vellakuam, near Virudhunagar, Tamil Nadu - 625125

Mr.S.Geethan has successfully completed an internship program from 03.05.2024 to 28.06.2024. During his internship, he demonstrated dedication, enthusiasm, and a strong willingness to learn. he actively participated in all assigned tasks and exhibited punctuality and diligence throughout the internship period. We appreciate his efforts and wish him all the best for his future endeavors.

Project developed during the internship program:

Developed a website using HTML CSS.

We wish him every success in life.

For, WEBGAPP.

D. Subash

WEBGAPP

No: 40, A.J. Complex,
Pattukottai Kalyana Sundaram Street,
Bye-bypass Road,
MADURAI - 625 010.

EGC: EPRO: 2023-2024

Date: 21/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr V. HAREN GURU** (Reg. No: 920422243014) student of **Second Year B.Tech., (Artificial Intelligence and Data Science)** from **KAMARAJ COLLEGE of ENGINEERING & TECHNOLOGY (AUTONOMOUS), VIRUDHUNAGAR**. He has successfully completed his **"MACHINE LEARNING WITH PYTHON INTERNSHIP TRAINING"** in our organization **ELYSIUM TECHNOLOGIES PRIVATE LIMITED** during the period of **03rd June 2024 to 21st June 2024**.

We have that during the period he has shown keen interest in his assignment and was also regular attendance with **100%**.

With best regards,



Project Coordinator

ELYSIUM TECHNOLOGIES PRIVATE LIMITED



Zealsoft
Technology Solutions

Training | Development | Consulting

ISO 9001: 2015 Certified

ZEALSOFT

Academy of Corporate Training

CERTIFICATE OF INTERNSHIP

In

Web Development

(History and Basics of Tools)

With Hands on Real Time Experience

This is to Certify that

SRI VAISHNAVI S

(920422243047)

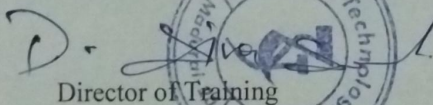
From **Kamaraj College of Engineering and Technology, Virudhunagar** doing her **B. Tech (Artificial Intelligence & Data Science)** Second year and she has attended **Internship** course of instruction with the use of approved Domain and Technologies (**Web Development Basics**)

The Training Includes comprehensive instruction in the correct use and application of real time Training together with the general understanding of the Current Core Company Scale.

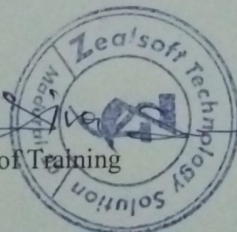
A practical recognition test of all of the concepts currently being used in the industry and their demonstration and application is conducted and her performance is good.

Her **Internship** Experience with us for **Fifteen Days (3rd June 2024 To 19th June 2024)** is fine and good.

Signed



Director of Training



Zealsoft Technology Solutions (P) Ltd.

Corporate office: # 24B/1, Soundarya Towers, Kuruvikaran salai 2nd street, Annanagar, Madurai-20. Tamilnadu.

Branch Office: Lakshmi Towers, 1st Floor, Avvai Thirunagar, 5th Street, Koyambedu, Chennai - 92.

725-A1, Viruthunagar Main Road. Thiruthangal, Near Sivakasi, VNR district, Tamilnadu. India. Pin: 626130.

Website: www.Zealsoft.net Email: info@zealsoft.net Ph: +91 452 4210352, +91 99449 74003, +91 99625 82008, +91 99765 89444

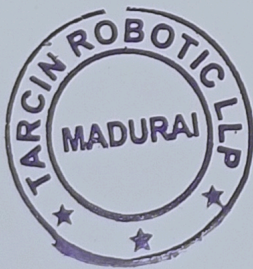
Date:06-07-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms M. Ishwarya Lakshmi** , (Reg No.: 920422243017) from the Department of Artificial Intelligence and Data Science, Kamaraj College of Engineering and Technology had undergone an Internship on “**Robotics and IoT**” in our organization for a duration between **03rd Jun 2024 to 03rd Jul 2024**.

Her Internship activities include “The exposure to real-world IOT projects along with Practical Assessment tasks and the chance to work with seasoned professionals”. Details of the project work can be found in the Internship Report.

During her internship program with us, She was exposed to different processes and was punctual, hardworking, and interested in learning from assigned project study. We wish her every success in her life and career.



TARCIN ROBOTIC LLP,
176,East,6th street,
K.K.Nagar, Madurai.

A handwritten signature in blue ink, appearing to read "S. Mohamed Arsath".

S.MOHAMED ARSATH,
SENIOR AUTHORITY,
TARCIN ROBOTIC LLP



D C - 22, 4th Floor, Tidel Park
Elcot Sez, Coimbatore Aerodrome
Coimbatore - 641014

03.07.2024

TO WHOMSOEVER IT MAY CONCERN

CERTIFICATE OF COMPLETION

This is to certify that V. SELVAPANDEESWARAN, [22UAD036], student of B.Tech (AI & DS), Kamaraj College of Engineering & Technology, Virudhunagar has successfully completed a 30-day internship program in **Internet of Things with Android** from **31.05.2024** to **03.07.2024**.

During this period, V. SELVAPANDEESWARAN has demonstrated a keen understanding of IoT concepts and has contributed actively to the projects assigned. The internship involved practical exposure to various aspects of IoT, including but not limited to:

- Understanding IoT architecture, Sensor, Actuators and components
- Hands-on experience with IoT hardware and software with Android
- Developing and deploying various real time projects in IoT
- Analyzing data collected from IoT devices and working with cloud & AI

His performance throughout the internship was commendable, and we believe that the knowledge and skills gained during this period will be valuable in their future endeavors. We wish all the best in their future career.

With Best Wishes

P. Ganesh | Project Manager



Technology Partner

U Can Solution

www.ucansolution.com





Date: 19/06/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms S. Vaishnavi
has successfully completed 21 Days of an Internship/~~Workshop/Industrial~~
~~Training~~ in our organization from 27/05/2024 to 19/06/2024 in the department of
Web Development. He/She was highly motivated and hardworking. He/She
found to be sincere during the training and did a very good job

We wish him/her great success for his/her future endeavors

For KEVELLGURU

S. P. J.

(Pandeewari)



www.kevellguru.org



academic@kevellguru.org



33, Chitra Madhavan Enclave,
Hakim AjmalKhan Road
(Near Lady Doak College Back Gate),
Chinna Chokkikulam, Madurai-625002.

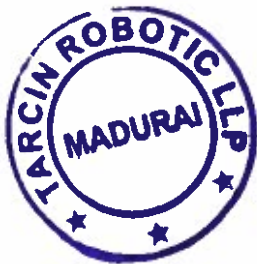
Date:06-07-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr S. Hari Hara Sundaram, (Reg No.: 920422243015)** from the Department of Artificial Intelligence and Data Science, Kamaraj College of Engineering and Technology had undergone an Internship on **“Robotics and IoT”** in our organization for a duration between **03rd Jun 2024 to 03rd Jul 2024.**

His Internship activities include “The exposure to real-world IOT projects along with Practical Assessment tasks and the chance to work with seasoned professionals”. Details of the project work can be found in the Internship Report.

During his internship program with us, He was exposed to different processes and was punctual, hardworking, and interested in learning from assigned project study. We wish him every success in his life and career.



TARCIN ROBOTIC LLP,
176,East,6th street,
K.K.Nagar, Madurai.



S.MOHAMED ARSATH,
SENIOR AUTHORITY,
TARCIN ROBOTIC LLP

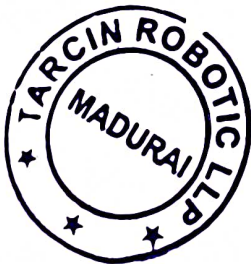
Date:06-07-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms C. Oormila , (Reg No.: 920422243032) from the Department of Artificial Intelligence and Data Science, Kamaraj College of Engineering and Technology had undergone an Internship on “Robotics and IoT” in our organization for a duration between 03rd Jun 2024 to 03rd Jul 2024.

Her Internship activities include “The exposure to real-world IOT projects along with Practical Assessment tasks and the chance to work with seasoned professionals”. Details of the project work can be found in the Internship Report.

During her internship program with us, She was exposed to different processes and was punctual, hardworking, and interested in learning from assigned project study. We wish her every success in her life and career.



TARCIN ROBOTIC LLP,
176,East,6th street,
K.K.Nagar, Madurai.

S.MOHAMED ARSATH,
SENIOR AUTHORITY,
TARCIN ROBOTIC LLP





ACCENT TECHNO SOFT
Quality Matters...



An ISO 9001:2015 Certified

29.06.2024

Coimbatore

TO WHOMSOEVER IT MAY CONCERN

This is to inform you that Ms. JEYA SOWMIYA J (Reg No :920422243021) of II B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE from Kamaraj College of Engineering and Technology has successfully completed her Internship Training and Mini project Entitled "COMPLAINT MANAGEMENT USING PYTHON WITH DJANGO" in our organization from 27.05.2024 to 29.06.2024.

During this period, she was sincere and regular in attending all phases of Intern program.

For Accent Techno Soft (ATS),



Authorized Signatory

#203, Nehru Street, Ram Nagar, Coimbatore - 641009

www.accenttechnosoft.com

0422 - 4212232

info@accenttechnosoft.com

EGC: EPRO: 2023-2024

Date: 21/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr B. PARANI DHARSHAN** (Reg. No: 920422243033) student of Second Year B.Tech., (Artificial Intelligence and Data Science) from **KAMARAJ COLLEGE of ENGINEERING & TECHNOLOGY (AUTONOMOUS), VIRUDHUNAGAR**. He has successfully completed his “**MACHINE LEARNING WITH PYTHON INTERNSHIP TRAINING**” in our organization **ELYSIUM TECHNOLOGIES PRIVATE LIMITED** during the period of **03rd June 2024 to 21st June 2024**.

We have that during the period he has shown keen interest in his assignment and was also regular attendance with **100%**.

With best regards,



Project Coordinator

ELYSIUM TECHNOLOGIES PRIVATE LIMITED



Office Address: No:40, AJ Complex, By-pass road, Madurai.

E-mail: contact@webgapp.com

Website: www.webgapp.com

Ref: wp/web/GA715

Date: 28/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr.A.VIJAY CHIDAMBARANATHAN, S/O. S.DEEPA**,
RegNo: **920422243054**, Department of **ARTIFICIAL INTELIGENCE AND DATA
SCIENCE** at **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY**, located
S.P.G.C Nagar, K.Vellakuam, near Virudhunagar, Tamil Nadu - 625125

Mr.A.Vijay Chidambaranathan has successfully completed an internship program
from 03.05.2024 to 28.06.2024. During his internship, he demonstrated dedication,
enthusiasm, and a strong willingness to learn. he actively participated in all assigned
tasks and exhibited punctuality and diligence throughout the internship period. We
appreciate his efforts and wish him all the best for his future endeavors.

Project developed during the internship program:

Developed a website using HTML CSS.

We wish him every success in life.

For, WEBGAPP.

Authorized Signature

www.webgapp.com

EGC: EPRO: 2023-2024

Date: 21/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr R. AKASH (Reg. No: 920422243002) student of Second Year B.Tech., (Artificial Intelligence and Data Science) from KAMARAJ COLLEGE of ENGINEERING & TECHNOLOGY (AUTONOMOUS), VIRUDHUNAGAR. He has successfully completed his “MACHINE LEARNING WITH PYTHON INTERNSHIP TRAINING” in our organization ELYSIUM TECHNOLOGIES PRIVATE LIMITED during the period of 03rd June 2024 to 21st June 2024.

We have that during the period he has shown keen interest in his assignment and was also regular attendance with 100%.

With best regards,



Project Coordinator

ELYSIUM TECHNOLOGIES PRIVATE LIMITED



LAMDA TECH SOFTICS

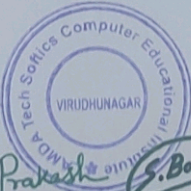
COMPUTER TRAINING INSTITUTE & SOFTWARE SOLUTION

CERTIFICATE OF COMPLETION

This is to certify that

SATHANA K

*a student of Kamaraj College of Engineering and Technology
has done internship on Machine Learning held from 03.06.2024
to 19.06.2024 and completed the training. Found to be satisfactory.*


M. Prakash *S. Balu*
MANAGING DIRECTOR



INTERNSHIP COMPLETION CERTIFICATE

This is to inform that Mr/Ms _____ VISHNU PRITHVI C _____ has successfully completed his/her internship offered by RECCSAR PVT. LTD., Madurai on FULLSTACK WEB DEVELOPMENT WITH AWS CLOUD COMPUTING from May 27th 2024 to June 28th 2024 we found his/her performance during this internship period has been satisfactory.

S.K. Sanjay Raj

DIRECTOR
S.K. Sanjay Raj
Reccsar Pvt. Ltd.



June 19th, 2024.

To Whomsoever It May Concern

This is to inform you that kanagarincy J has successfully completed an internship with LaabamOne Business Solutions (OPC) Private Limited from 27/05/2024 to 19/06/2024. During this period, she worked on her project in the Dotnet Development Department.

We appreciate her dedication, hard work, and contributions. Her performance during the internship has been commendable, and she has shown a great willingness to learn and grow.

We hope that the experience and knowledge she gained during this internship will be beneficial for her future career endeavors. We would like to thank her for her valuable contributions and wish her all the best in her future professional and academic pursuits.

We wish Kanagarincy J the best in her future endeavors.

With Regards,

For Laabamone Business Solutions Private Limited

For **LaabamOne**
Business Solutions (OPC) Private Limited

Marthal Sneha P
Human Resource Manager



Date: 02/07/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms M. Suziya dhazshini
has successfully completed 20 Days of an Internship/~~Workshop~~/~~Industrial~~
~~Training~~ in our organization from 10/06/2024 to 02/07/2024 in the department of
Web Development. He / She was highly motivated and hardworking. He/She
found to be sincere during the training and did a very good job

We wish him/her great success for his/her future endeavors

For KEVELLGURU

S. Pyl

(Pandeewari)



www.kevellguru.org



academic@kevellguru.org



33, Chitra Madhavan Enclave,
Hakim AjmalKhan Road
(Near Lady Doak College Back Gate),
Chinna Chokkikulam, Madurai-625002.



Date: 19/06/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms P. Sharon
has successfully completed 21 Days of an Internship/~~Workshop~~/~~Industrial~~
~~Training~~ in our organization from 27/05/2024 to 19/06/2024 in the department of
Web Development. He / She was highly motivated and hardworking. He/She
found to be sincere during the training and did a very good job

We wish him/her great success for his/her future endeavors

For KEVELLGURU

S. P. J.

(Pandeewari)



www.kevellguru.org



academic@kevellguru.org



33, Chitra Madhavan Enclave,
Hakim AjmalKhan Road
(Near Lady Doak College Back Gate),
Chinna Chokkikulam, Madurai-625002.

29.06.2024

Coimbatore

TO WHOMSOEVER IT MAY CONCERN

This is to inform you that Ms. NITHYASHREE A (Reg No :920422243031) of II B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE from Kamaraj College of Engineering and Technology has successfully completed her Internship Training and Mini project Entitled "TRUF USING PYTHON WITH DJANGO" in our organization from 27.05.2024 to 29.06.2024.

During this period, she was sincere and regular in attending all phases of Intern program.

For Accent Techno Soft (ATS),



Authorized Signatory

Date:06-07-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr K. Rafiq Ahamed**, (Reg No.: 920422243035) from the Department of Artificial Intelligence and Data Science, Kamaraj College of Engineering and Technology had undergone an Internship on “**Robotics and IoT**” in our organization for a duration between **03rd Jun 2024 to 03rd Jul 2024**.

His Internship activities include “The exposure to real-world IOT projects along with Practical Assessment tasks and the chance to work with seasoned professionals”. Details of the project work can be found in the Internship Report.

During his internship program with us, He was exposed to different processes and was punctual, hardworking, and interested in learning from assigned project study. We wish him every success in his life and career.



TARCIN ROBOTIC LLP,
176,East,6th street,
K.K.Nagar, Madurai.

S.MOHAMED ARSATH,
SENIOR AUTHORITY,
TARCIN ROBOTIC LLP





Office Address : No 40, A.I Complex, By pass road, Madurai
E-mail : contact@webgapp.com
Website : www.webgapp.com

Ref : wp/web/GA717

Date : 18/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr.S.ROGAN, S/O. A.Saravanan, RegNo: 920422243038,**
Department of **ARTIFICIAL INTELIGENCE AND DATA SCIENCE** at **KAMARAJ**
COLLEGE OF ENGINEERING AND TECHNOLOGY, located **S.P.G.C Nagar,**
K.Vellakuam, near Virudhunagar, Tamil Nadu - 625125

Mr.S.Rogan has successfully completed an internship program from 03.05.2024 to 28.06.2024. During his internship, he demonstrated dedication, enthusiaasm, and a strong willingness to learn. he actively participated in all assigned tasks and exhibited punctuality and diligence throughout the internship period. We appreciate his efforts and wish his all the best for his future endeavors.

Project developed during the internship program:

Developed a website using HTML CSS.

We wish his every success in life.

For, WEBGAPP.

D. Subash

WEBGAPP

No. 40, A. I. Complex

Pattukottai Kalyana Sundaram Street,

By Ashwin Signatage

MADURAI - 625 010.

EGC: EPRO: 2023-2024

Date: 11/07/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr S. SYED NAZMUDEEN (Reg. No: 920422243051) student of Second Year B.Tech., (Artificial Intelligence and Data Science) from KAMARAJ COLLEGE of ENGINEERING & TECHNOLOGY (AUTONOMOUS), VIRUDHUNAGAR. He has successfully completed his "MACHINE LEARNING WITH PYTHON INTERNSHIP TRAINING" in our organization ELYSIUM TECHNOLOGIES PRIVATE LIMITED during the period of 03rd June 2024 to 21st June 2024.

We have that during the period he has shown keen interest in his assignment and was also regular attendance with 100%.

With best regards,

Project Coordinator

ELYSIUM TECHNOLOGIES PRIVATE LIMITED



Office Address: No:40, AJ Complex, By-pass road, Madurai.
E-mail: contact@webgapp.com
Website: www.webgapp.com

Ref: wp/web/GA716

Date: 28/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr.J.GOKULAVASAN, S/O. C.JEGATHEESWARAN,**
RegNo: **920422243013,** Department of **ARTIFICIAL INTELLIGENCE AND DATA**
SCIENCE at **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY,** located
S.P.G.C Nagar, K.Vellakuam, near Virudhunagar, Tamil Nadu - 625125

Mr.J.Gokulavasan has successfully completed an internship program from 03.05.2024 to 28.06.2024. During his internship, he demonstrated dedication, enthusiasm, and a strong willingness to learn. he actively participated in all assigned tasks and exhibited punctuality and diligence throughout the internship period. We appreciate his efforts and wish his all the best for his future endeavors.

Project developed during the internship program:

Developed a website using HTML CSS.

We wish his every success in life.

For, WEBGAPP.

D. Subash

WEBGAPP

No: 40, A.J. Complex

Pattukottai Kalyana Sundaram Street,

Bye Pass Road, Virudhunagar,

MADURAI - 625 010.