

#### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

#### EC1821 - Project Work (2020 - 2024 Batch)

SI. No	BATCH ID	Register No.	Name of the Student	Guide Name	Project Title
1	EMB#04	920420UEC052	AKASHKUMAR.N	Mrs.C.Nagavani	IoT Enabled Cold Storage Maintenance System
		920420UEC056	PRATHAP CHANDRAN.K		
		920420UEC061	PRASANNA.R		
2	EMB#10	920420UEC046	SOBANA.K	Mr.P.Aravind	GestuRise: Unveiling the Language of Movement
		920420UEC047	LAVANYA.R		
		920420UEC057	AASHIFA RECSHAKANA.S		
3	EMB#06	920420UEC021	SATHYA GANESH.T	Mr.R.Ashok	Automatic Medicine Dispensing Robot in Indoor Environment
		920420UEC054	DURAI PRABAKARAN.A		
		920420UEC062	NITHIKESH.H		
		920420UEC051	LOGANATHAN.M		
4	EMB#07	920420UEC010	AJAII.M	Mr.R.Rajprabu	Sign Language Translation Using Smart Glove
		920420UEC017	KABILAN.N		
		920420UEC031	SRIRAM.B		
5	EMB#09	920420UEC011	SRINIVASH.R	Mr.P.Aravind	SmartCart ML: Revolutionizing Grocery Shopping with IoT and ML
		920420UEC022	ABISHEK EDWARD.S		
		920420UEC030	VENKATESH.C		
	EMB#11	920420UEC008	MOHAN RAJ.T	Mrs.P.Ramalakshmi	Smart Paralysis Patient Surveillance
7		920420UEC013	NANDHAKUMAR.B		
		920420UEC049	YUVARAJSINGH.R		
		920420UEC068	JAIGANESH.V		

SI. No	BATCH ID	Register No.	Name of the Student	Guide Name	Project Title
8	EMB#01	920420UEC026	ARAVIND.P	Dr.R.Suresh Babu	iHelmet: The Future of Two Wheeler Safety - Smart, Connected, and Reliable
		920420UEC027	SHYAM.V.S		
		920420UEC029	DHANALINGESH.C		
		920420UEC058	SIVANARAYANAPANDIAN.J		
9	EMB#02	920420UEC019	ASHOKKUMAR.S	Dr.R.Suresh Babu	Solar Panel Battery Car For Physically Challenged Peoples
		920420UEC065	MURUGAPERUMAL.M		
		920420UEC066	VIGNESH.V		
	EMB#03	920420UEC037	DEEPIKA.T	Mrs.C.Nagavani	Solar Dryer With Mobile APP Integration
10		920420UEC053	MATCHA SOUNDARYA.M		
		920420UEC060	MARIA ANCY SHINESHA.W		
	EMB#05	920420UEC063	YUVARAJ.V	Dr.N.M.Mary Sindhuja	IOT based smart System for terrece gardening
11		920420UEC064	SENTHILKUMAR.N		
		920420UEC067	CHELLAKARUPPU.A		
		920420UEC014	SUGETHA.C.L	Mr.R.Rajprabu	Develop a Smart Bus Stop for Society using RFID TAGS
12	EMB#12	920420UEC042	JOTHI SREE.M		
		920420UEC045	LOGA RATCHAKI.K		
	RF#01	920420UEC002	MATHU MIETHA.R	Dr.N.M.Mary Sindhuja	Design of Array Antenna using space filling curve for 5G Applications
13		920420UEC009	AVUSHATHA.T.N		
		920420UEC018	KARTHIKADEVI.V		
	RF#02	920420UEC043	JEYAROOBINI.K	Mr.R.Ashok	Analysis of food contamination using Microwave and Optical waveguide method
14		920420UEC059	PREETHIKA DHARSHINI.T.S		
	RF#03	920420UEC005	SANKARALINGAM.R	Mrs.P.Ramalakshmi	Millimeter Wave Radar For Anti-Collision In Railways
15		920420UEC020	AMARNATH.R		
		920420UEC048	DINESH.N		
16	Wireless# 01	920420UEC003	IRSHAD HASAN.M	Mrs.M.Stella Mercy	Vehicle to Vehicle Communication Through Light Fidelity Technology
		920420UEC004	KARTHICK.M		
		920420UEC006	MOHAMED MUSTAFA.A		
17	DIP#01	920420UEC023	MONISHA.S	Dr.T.Pandiselvi	Framework Of Deep Learning And Machine Vision System For Food Quality Analysis And Gradation Using Digi-Eagle System
		920420UEC025	JENSI.M		

SI. No	BATCH ID	Register No.	Name of the Student	Guide Name	Project Title
18	DIP #02	920420UEC028	MONISHA.M	Dr.T.Pandiselvi	Providing digital design and implementation of modern automated real time monitoring solutions to farmers enhance their crop productivity using Artificial fly robot.
		920420UEC033	SELVAPRIYA.R		
		920420UEC036	RUTHRA PRIYA.M		
19	DIP#03	920420UEC015	SUKILKUMAR.R	Dr.T.Prathiba	Tyre Doctor: Revolutionizing Tyre Damage Inspection By GPU Hub-Powered Automatic Analysis
		920420UEC016	ARUL KUMAR.P		
		920420UEC050	PARAMESWARAN.S		
20	DIP #04	920420UEC001	SAIRAM.M	Dr.T.Prathiba	Enhanced Automated Thread Break Detection using Machine learning Techniques
		920420UEC007	RAGUL.M		
		920420UEC024	MADHAVAN.M		
20	DIP #05	920420UEC040	MEENAKSHI.N	Mr.R.Rajprabu	Tomato Leaf Disease Detection Using Machine Learning
		920420UEC044	HEMAMALINI.P		
		920420UEC055	LAVANYA.C		

MASTERIA

PROJECT COORDINATOR

HOD/ECE

## VEHICLE TO VEHICLE COMMUNICATION THROUGH LIGHT FIDELITY TECHNOLOGY

#### A PROJECT REPORT

Submitted by

IRSHAD HASAN M (920420UEC003)

KARTHICK M (920420UEC004)

MOHAMED MUSTAFA A (920420UEC006)

In partial fulfillment for the award of the degree of

#### **BACHELOR OF ENGINEERING**

IN

#### **ELECTRONICS AND COMMUNICATION ENGINEERING**



DEPARTMENT OF ELECTRONICS AND COMMUNICATION NGINEERING
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#### BONAFIDE CERTIFICATE

THROUGH LIGHT FIDELITY TECHNOLOGY" is the bonafide work of "IRSHAD HASAN M (920420UEC003), KARTHICK M (920420UEC004) & MOHAMED MUSTAFA A (920420UEC006)" who carried out the project work under my supervision.

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INTERNAL EXAMINER

# DESIGN AND FABRICATION OF ARRAY ANTENNA USING SPACE FILLING CURVE FOR 5G APPLICATIONS

#### PROJECT REPORT

Submitted by

MATHU MIETHA R (920420UEC002)

AVUSHATHA TN (920420UEC009)

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Certified that this project report "DESIGN AND FABRICATION OF ARRAY ANTENNA USING SPACE FILLING CURVE FOR 5G APPLICATIONS" is the Bonafide work of "MATHU MIETHA R (920420UEC002), AVUSHATHA TN (920420UEC009), KARTHIKADEVI V (920420UEC018)", who carried out the project work under my supervision.

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## ANALYSIS OF FOOD CONTAMINATION USING MICROWAVE AND OPTICAL WAVEGUIDE METHOD

#### A PROJECT REPORT

Submitted by

**JEYAROOBINI K(920420UEC043)** 

PREETHIKA DHARSHINI T.S(920420UEC059)

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## MILLIMETER WAVE RADAR FOR ANTI-COLLISION IN RAILWAYS

#### A PROJECT REPORT

Submitted by

**DINESH N (920420UEC048)** 

**AMARNATH R (920420UEC020)** 

SANKARALINGAM R (920420UEC005)

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APRIL 2024

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INTERNAL EXAMINER

## IHELMET: THE FUTURE OF TWO-WHEELER SAFETY - SMART, CONNECTED, AND RELIABLE

#### A PROJECT REPORT

Submitted by

**ARAVIND P (920420UEC026)** 

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#### BONAFIDE CERTIFICATE

Certified that the project report "IHELMET: THE FUTURE OF TWO-WHEELER SAFETY - SMART, CONNECTED, AND RELIABLE" is the bonafide work of "ARAVIND P (920420UEC026), SHYAM V S (920420UEC027), DHANALINESH C(920420UEC029), SIVANARAYANA PANDIAN J (920420UEC058)" who carried out the project work under mysupervision.

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## SOLAR PANEL BATTERY WHEELCHAIR FOR PHYSICALLY CHALLENGED PEOPLE

#### A PROJECT REPORT

Submitted by

MURUGAPERUMAL M (20UEC065)

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#### SOLAR DRYER WITH MOBILEAPP INTEGRATION

#### A PROJECT REPORT

Submitted by

**DEEPIKA T (920420UEC037)** 

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#### BONAFIDE CERTIFICATE

Certified that the project report "SOLAR DRYER WITH MOBILEAPP INTEGRATION" is the bonafide work of "T.DEEPIKA(920420UEC037), M.MATCHA SOUNDARYA(920420UEC053) & W.MARIA ANCY SHINESHA(920420UEC060)" who carried out the project work under my supervision.

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## IOT ENABLED COLD STORAGE MAINTENANCE SYSTEM

#### PROJECT REPORT

Submitted by

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**PRASANNA R (920420UEC061)** 

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Certified that the project report "IOT ENABLED COLD STORAGE MAINTENANCE SYSTEM" is the bonafide work of "N.AKASHKUMAR (920420UEC056), CHANDRAN (920420UEC052), K.PRATHAP R.PRASANNA (920420UEC061)" who carried out the project work under mysupervision.

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Certified that the project report "IOT BASED SMART SYSTEM FOR TERRACE GARDENING" is the Bonafide work of "V.YUVARAJ (920420UEC063), N.SENTHILKUMAR (920420UEC064) & A.CHELLAKARUPPU (920420UEC067)" who carried out the project work under my supervision.

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## AUTOMATIC MEDICINE DISPENSING ROBOT IN INDOOR ENVIRONMENT

#### A PROJECT REPORT

Submitted by

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**INTERNAL EXAMINER** 

## SIGN LANGUAGE TRANSLATION USING SMART GLOVE

#### A PROJECT REPORT

Submitted by

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Certified that this Thesis titled "SIGN LANGUAGE TRANSLATION USING SMART GLOVE" is the bonafide work of AJAH M (920420UEC010), KABILAN N (920420UEC017), SRIRAM B (920420UEC031), who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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## SMARTCARTML: REVOLUTIONIZING GROCERY SHOPPING WITH IOT AND ML

#### A PROJECT REPORT

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K. Vellakulam,

Virudhunagar - 625701.

INTERNAL EXAMINER

B 29/4/24

SIGNATURE

Mr. P. Aravind, M.E.,

SUPERVISOR,

Assistant professor,

Department of Electronics and

Communication Engineering,

Kamaraj College of Engineering and

Technology,

K. Vellakulam,

Virudhunagar - 625701.

## GESTURISE: UNVEILING THE LANGUAGE OF MOVEMENT

#### A PROJECT REPORT

Submitted by

**SOBANA.K** (920420UEC046).

LAVANYA.R (920420UEC047).

**AASHIFA RECSHAKANA.S** 

(920420UEC057).

In partial fulfillment for the award of the degree of

#### **BACHELOR OF ENGINEERING**

IN

**ELECTRONICS AND COMMUNICATION ENGINEERING** 



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION 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 - 625 701

#### BONAFIDE CERTIFICATE

Certified that the project report "GESTURISE:UNVEILING THE LANGUAGE OF MOVEMENT" is the bonafide work of "K.SOBANA (920420UEC046), R.LAVANYA (920420UEC047), S.AASHIFA RECSHAKANA (920420UEC057)"who carried out the project work under my supervision.

Dr.R.SURESH BABU, M.E., MBA., Ph.D.,

HEAD OF THE DEPARTMENT(I/C)

Associate Professor

Department of Electronics and

Communication Engineering,

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K. Vellakulam,

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INTERNAL EXAMINER

Q 22/4/2024

**SIGNATURE** 

Mr.P.ARAVIND, M.E.,

SUPERVISOR

Assistant Professor

Department of Electronics and

Communication Engineering,

Kamaraj College of Engineering

and Technology,

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Virudhunagar - 625 701.

#### SMART PARALYSIS PATIENT SURVEILLANCE

#### A PROJECT REPORT

Submitted by

MOHAN RAJ T (920420UEC008)

NANDHAKUMAR B (920420UEC013)

YUVARAJSINGH R(920420UEC049)

JAI GANESH V(920420UEC068)

in partial fulfillment for the award of the degree of

## BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION ENGINEERING



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#### KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)
K.VELLAKULAM, VIRUDHUNAGAR - 625 701.

#### BONAFIDE CERTIFICATE

Certified that this Thesis titled "SMART PARALYSIS PATIENT SURVEILLANCE is the bonafide work of MOHAN RAJ.T (920420UEC008), NANDHAKUMAR B (920420UEC013), YUVARAJSINGH R(920420UEC049), JAI GANESH V (920420UEC068) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

10) yn 20/1/2

**SIGNATURE** 

Dr.R. Suresh Babu, M.E., M.B.A., Ph.D.,

Head of the Department,

Professor

Department of Electronics and Communication Engineering, Kamaraj College of Engg & Tech, K.Vellakulam, Near Virudhunagar – 625701.

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Mrs.P.Ramalakshmi, M.E., (Ph.D).,

Supervisor,

**Assistant Professor** 

Department of Electronics and Communication Engineering, Kamaraj College of Engg &Tech, K.Vellakulam,

Near Virudhunagar - 625701.

#### 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 "DEVELOP A SMART BUS STOP FOR SOCIETY USING RFID TAGS" is the bonafide work of "C.L.SUGETHA (920420UEC014), M.JOTHI SREE (920420UEC042)& K.LOGARATCHAKI (920420UEC045)"who carried out the project work under my supervision.

SIGNATURE

Dr.R.SURESH BABU,

M.E,M.B.A,Ph.D.,

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2 14/2 4.

SIGNATURE

Mr.R.RAJPRABU,

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K. Vellakulam,

Virudhunagar-625 701.

N-7 - 30/4/ ~

INTERNAL EXAMINER

## DEVELOP A SMART BUS STOP FOR SOCIETY USING RFID TAGS

#### A PROJECT REPORT

Submitted by

SUGETHA C L (920420UEC014)

JOTHI SREE M (920420UEC042)

LOGARATCHAKI K (920420UEC045)

In partial fulfillment for the award of the degree of

#### **BACHELOR OF ENGINEERING**

IN

**ELECTRONICS AND COMMUNICATION ENGINEERING** 



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

### FRAME WORK OF DEEP LEARNING AND MACHINE VISION SYSTEMFOR FOOD QUALITY ANALYSIS AND GRADATION

#### A PROJECT REPORT

Submitted by

**MONISHAS** 

920420UEC023

**JENSI M** 

920420UEC025

In partial fulfillment for the award of the degree of

#### **BACHELOR OF ENGINEERING**

IN

#### **ELECTRONICS AND COMMUNICATION ENGINEERING**



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# 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 "FRAME WORK OF DEEP LEARNING AND MACHINE VISION SYSTEM FOR FOOD QUALITY ANALYSIS AND GRADATION" is the bonafide work of "S.MONISHA (920420UEC023) & M.JENSI (920420UEC025)" who carried out the project work under my supervision.

SIGNATURE 2/4/

Dr.R.SURESH BABU,

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Dr.T.PANDISELVI,

M.E,Ph.D.,

Supervisor &

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Near Virudhunagar

Madurai - 625 701

#### DIGITAL DESIGN AND IMPLEMENTATION OF MODERN AUTOMATED REAL TIME MONITORING SYSTEM TO FARMER USING ARTIFICIAL ROBOT

A PROJECT REPORT

Submitted by

**MONISHA M** 

(920420UEC028)

SELVAPRIYA R

(920420UEC033)

**RUTHRA PRIYA M** 

(920420UEC036)

In partial fulfillment for the award of the degree of

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#### KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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#### BONAFIDE CERTIFICATE

Certified that the project report "DIGITAL DESIGN AND IMPLEMENTATION OF MORDERN AUTOMATED REAL TIME MONITORING SYSTEM TO FARMER USING ARTIFICIAL ROBOT" is the bonafide work of "M.MONISHA (920420UEC028) R.SELVAPRIYA (920420UEC033) & M.RUTHRA PRIYA (920420UEC036)" who carried out the project work under my supervision.

SIGNATURE

Dr.R.SURESH BABU,

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MAIR

INTERNAL EXAMINER

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Dr.T.PANDISELVI,

M.E.Ph.D.,

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# TYRE DOCTOR: REVOLUTIONIZING TYRE DAMAGE INSPECTION BY GPU HUB POWERED AUTOMATIC ANALYSIS USING DEEP LEARNING

#### PROJECT REPORT

Submitted by

SUKIL KUMAR R (920420UEC015)
ARUL KUMAR P (920420UEC016)
PARAMESHWARAN S (920420UEC050)

In partial fulfillment for the award of the degree of

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IN
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**APRIL 2024** 

# TYRE DOCTOR: REVOLUTIONIZING TYRE DAMAGE INSPECTION BY GPU HUB POWERED AUTOMATIC ANALYSIS USING DEEP LEARNING

#### PROJECT REPORT

Submitted by

SUKIL KUMAR R (920420UEC015)
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In partial fulfillment for the award of the degree of

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IN
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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**APRIL 2024** 

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

#### K.VELLAKULAM, VIRUDHUNAGAR - 625 701

#### BONAFIDE CERTIFICATE

Certified that the project report "TYRE DOCTOR: REVOLUTIONIZING TYRE DAMAGE INSPECTION BY GPU HUB POWERED AUTOMATIC ANALYSIS USING DEEP LEARNING" is the Bonafide work of R.SUKIL KUMAR (920420UEC015), P.ARUL KUMAR (920420UEC016) & S.PARAMESHWARAN (920420UEC050) who carried out the project work under my supervision.

T. Rathe >

Dr.R.Suresh Babu, M.E., M.B.A., Ph.D., Dr.T. Prathiba, M.E., Ph.D.,

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INTERNAL EXAMINER

# ENHANCED AUTOMATED THREAD BREAK DETECTION USING MACHINE LEARNING TECHNIQUES

#### A PROJECT REPORT

Submitted by

RAGUL M (920420UEC007)

SAIRAM M (920420UEC001)

MADHAVAN M (920420UEC024)

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#### KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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#### **BONAFIDE CERTIFICATE**

Certified that the project report "ENHANCED AUTOMATED THREAD BREAK **DETECTION USING MACHINE LEARNING TECHNIQUES"** is the Bonafide work of "M.RAGUL (920420UEC007), M.SAIRAM (920420UEC001) & M.MADHAVAN (920420UEC024)" who carried out the project work under my supervision.

**SIGNATURE** 

**SIGNATURE** 

Dr.R.Suresh Babu, M.E., M.B.A., Ph.D., Dr.T.Prathiba, M.E., Ph.D.,

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INTERNAL EXAMINER

**EXTERNAL EXAMINER** 

### 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 "ENHANCED AUTOMATED THREAD BREAK DETECTION USING MACHINE LEARNING TECHNIQUES" is the Bonafide work of "M.RAGUL (920420UEC007), M.SAIRAM (920420UEC001) & M.MADHAVAN (920420UEC024)" who carried out the project work under my supervision.

301415

NJ-1m

Dr.R.Suresh Babu, M.E., M.B.A., Ph.D., Dr.T.Prathiba, M.E., Ph.D.,

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Supervisor,

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INTERNAL EXAMINER

EXTERNA

# TOMATO LEAF DISEASE DETECTION USING MACHINE LEARNING

#### A PROJECT REPORT

Submitted by

**MEENAKSHI N (920420UEC040)** 

**HEMAMALINI P (920420UEC044)** 

**LAVANYA C (920420UEC055)** 

in partial fulfillment for the award of the degree of

#### **BACHELOR OF ENGINEERING**

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

#### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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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 "TOMATO LEAF DISEASE DETECTION USING MACHINE LEARNING" is the bonafide work of "MEENAKSHI N (920420UEC040), HEMAMALINI P (920420UEC044) & LAVANYA C (920420UEC055)" who carried out the project work under my supervision.

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Dr.R.SURESH BABU,M.E.,M.B.A.,Ph.D.,

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INTERNAL EXAMINER

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EXTERNAL EXAMINER



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam — 625 701 (Near VIRUDHUNAGAR).

#### Department of ECE

#### M.E – Communication & Networking

Academic year (2023-2024)

S.No	Roll No	Name	Title
1	22PCN001	MOHAMED JALEEL.M	An Isolated MIMO Boat Antenna for
			portable wireless applications

# An Isolated MIMO Boat antenna for portable wireless applications

PHASE II REPORT

Submitted by

MOHAMED JALEEL M (920422483001)

in partial fulfillment for the award of the degree of

MASTER OF ENGINEERING

IN

COMMUNICATION AND NETWORKING



DEPARTMENT OF ELECTRONICS AND COMMUNICATION

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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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 "An Isolated MIMO Boat antenna for portable wireless applications" is the bonafide work of M. MOHAMED JALEEL (920422483001) who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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Dr.R.Suresh Babu, ME., M, BA., Ph.D.,

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**SIGNATURE** 

Dr.R.Suresh Babu, ME., MBA, Ph.D.,

V. 2 MAIN

**SUPERVISOR** 

Dept of Electronics and

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EXTERNAL EXAMINER



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S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

#### Department of ECE

#### Third year Students Name List of Internship

#### Academic year (2023-2024)

S.No	Roll No	Name
1.	21UEC001	PADMA LOKSHANA.M
2.	21UEC002	ABISHEK BABU.R.J
3.	21UEC003	DHARSHINI.S
4.	21UEC004	ABHIKSHA.G
5.	21UEC005	DHARANIDHARAN.R
6.	21UEC006	PARTHASARATHY.P
7.	21UEC007	SARAVANAKUMAR.V
8.	21UEC008	KAMALI.M
9.	21UEC009	SATHISH KUMAR BALAJI.R
10.	21UEC010	NACHIYAR.S
11.	21UEC011	BALAJI.A
12.	21UEC012	PAVITHRA.M
13.	21UEC013	PUSHPARATHINA.R
14.	21UEC014	ALAGU SANKARA
		NARAYANAN.R
15.	21UEC015	SWETHA.R.U
16.	21UEC016	KIRUTHIYAVAISHNAVI.S
17.	21UEC017	DHARMESH KANNAN.V
18.	21UEC018	KEERTHI.G
19.	21UEC019	ANUKARTHIGA.A
20.	21UEC020	UVARAJ.A
21.	21UEC021	SARAN.V
22.	21UEC022	YUVASHREE.V
23.	21UEC023	KARUNESHVAR.M
24.	21UEC024	PREMA.E
25.	21UEC025	BOOBALAN.S
26.	21UEC026	SRIKANTH.V
27.	21UEC027	MUHAMED SABEER ALI.S
28.	21UEC028	THANGAMAREESWARI.T
29.	21UEC029	RAMAR.A
30.	21UEC030	SOORYA NARAYANAN.S
31.	21UEC031	KEERTHANA.M
32.	21UEC032	JAYASURYA.S
33.	21UEC033	SHEEBA ELIZABETH.R
34.	21UEC034	RANJITH RAJ.L
35.	21UEC035	RAMPRASATH.R
36.	21UEC036	RITHISH ARUN VARUNA.M

21UEC037	VISHVA.S
21UEC038	NAVEEN.R
21UEC039	NOBLE RICHARD.L
21UEC040	FAIZARASOOL.S
21UEC041	SUKIS KRISHNA.P
21UEC042	MEENAKSHI.M
21UEC043	YUWASRI.T
21UEC044	SIYON.C
21UEC045	VISHAL.M.A
21UEC047	RAMJI.B.G
21UEC048	HASEEM ABU SHEIK.S
21UEC049	SUREKA.K
21UEC050	NIVITHA.A.G
21UEC051	DHANUSH.R
21UEC052	MUTHU BHARATHI.P
21UEC053	SENTHIL MURUGAN.K
21UEC054	SHVETHA.M
21UEC055	DIVYA.S
21UEC056	DHIVYA DHARSHINI.A
21UEC057	VETRI VEL.B
21UEC058	BHARATH VAJ.R
21UEC059	SRIKANTH.S
21UEC060	MUTHU RAAJ.K
21UEC061	SATHISH KUMAR.S
	21UEC038 21UEC039 21UEC040 21UEC041 21UEC042 21UEC043 21UEC044 21UEC045 21UEC047 21UEC048 21UEC050 21UEC050 21UEC051 21UEC052 21UEC053 21UEC053 21UEC054 21UEC055 21UEC055 21UEC055 21UEC056 21UEC057 21UEC058 21UEC059 21UEC060



Software Development | Outsourcing

This is to certify that PADMA LOKSHANA . M	-
	of
KAMARAJ COLLEGE OF ENGINEERING AND TECHOLOGY	
have been associated towards his/her internship program on "FLUTTER	"
from 12.06.2023 to 11.07.2025 in our company located at Coimbatore.	

Arie

TECH LEAD

#6, 3rd Floor, Vignesh Park, Kalingarayar Street, Near by Ramnagar BSNL office, Coimbatore - 18, Tamil Nadu, Indias Commail: info@gatewaysoftwaresolutions.com | Phone - 0422 4950897 | www.gatewaysoftwaresolutions.com



# CERTIFICATE



## INTERNSHIP

This is to Certify that





## **ELECTRONICS AND COMMUNICATION ENGINEERING**

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY.

1 Month has Successfully Completed the

Internship on

**Python Programming** 

at Pantech e learning Pvt. Ltd.

**Duration: From** 

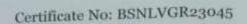
9th June 2023

10th July 2023

PEL-SI-2023-1558

CERTIFICATE NO

DIRECTOR, PANTECH E LEARNING WWW.PANTECHELEARNING.COM





## BHARAT SANCHAR NIGAM LIMITED (A GOVERNMENT OF INDIA ENETERPRISE)

VIRUDHUNAGAR SSA, MADURAI BUSINESS AREA

This is to certify that Ms.S.DHARSHINI studying in KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, K.VELLAKULAM NEAR VIRUDHUNAGAR has undergone Internship Training in BSNL Virudhunagar during the period from 12.06.2023 to 26.06.2023 (Two weeks).

Her commitment and involvement in the assignment is GOOD.

Virudhunagar 26.06.2023 Deputy General Manager BSNL Virudhunagar – 626001



## LAMDA TECH SOFTICS

COMPUTER TRAINING INSTITUTE & SOFTWARE SOLUTION

### CERTIFICATE OF COMPLETION

This is to certify that

#### **DHARSHINLS**

a student of Kamaraj College of Engineering and Technology

has done internship on Machine Learning held from 03.07.2023 to 15.07.2023 and completed the training. Found to be satisfactory.

MANAGING DIRECTOR



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

E-mail: contact@webgapp.com Website: www.webgapp.com

Ref: wp/web/GA587

Date: 28/06/2023

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms.G.ABHIKSHA, D/O. R.Ganesan, Reg No: 920421106001 is a student of B.E in the Department of Electronics And Communication Engineering at Kameraj College Of Engineering & Technology (Autonomous) located in k.Vellakulam Near Viruthunggar, Tamil Nadu.

Ms. G.Abhiksha has successfully completed an internship program from 06/06/23 to 28/06/2023. During her internship, she demonstrated dedication, enthusiasm, and a strong willingness to learn. She actively participated in all assigned tasks and exhibited punctuality and diligence throughout the internship period. We appreciate her efforts and wish her all the best for her future endeavors.

Project developed during the internship program:

Developed a website using PHP, HTML, CSS and BOOTSTRAP.

We wish her every success in life.

For, WEBGAPP.

WEBGAPP No : 46, A.J. Complex, Pattuhottai Kalyana Sundaram Street, Bye Paes Road, Ellis Nagar. MADURAI - 625 010.

**Authorized Signature** 



Date: 23/06/2023

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms	2. Dhanaridharan
has successfully completed 15	of an Internship/Workshop/Industrial
Training in our organization from	n 2/06/2023 to 23/06/2023 in the department of
UI 2 UX Design	He / Stee was highly motivated and hardworking. He/She
found to be sincere during the train	

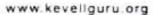
We wish him/her great success for his/her future endeavors

For KEVELLGURU

J. Jaitha

(Jenitha J)





academic@kevellguru.org

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





## PHOENIX SOFTECH

# Internship Certificate

This is to certify that

P. PARTHASARATHY

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

App development in Android

Held From 12-06-2023 to 26-06-2023

26-06-2023 Dated

Authorized Signatory



# CERTIFICATE





This is to Certify that



#### SARAVANA KUMAR.V

#### ELECTRONIC AND COMMUNICATION ENGINEERING

#### KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

has Successfully Completed the 1 Month

Internship on

Web Development Full stack

at Pantech e learning Pvt. Ltd.

Duration: From

10th June 2023

10th July 2023

L-SI-2023-1578

DIRECTOR, PANTECH E LEARNING WWW.PANTECHELEARNING.COM



# PHOENIX SOFTECH

# Internship Certificate

This is to certify that

M. KAMALI

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Embedded C

Held From 07-06-2023 to 21-06-2023

21-06-2023 Dated

Authorized Signatory



# PHOENIX SOFTECH

# Internship Certificate

This is to certify that

R. SATHISH KUMAR BALAJI

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Internet of Things

Held From 10-06-2023 to 25-06-2023

25-06-2023 Dated

Authorized Signatory





**Career Development** 

# **CERTIFICATE OF COMPLETION**

This is to certify that

MS. NACHIYAR . S (REGIND: 920421106024)

has Successfully Completed

Inplant training in DATA

SCIENCE

from 06/06/23 to 06/07/23

During the training period the performance of the trainee was found to be excellent.

Congratulations on your hard work! keep shining!



Jayalakshmi S Vice president





Date: 23/06/2023

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms_	d. Balaji	
	15 Days of an Inte	rnship/ <del>Workshop/Industrial</del>
Training in our organization	n from 12/06/2023 to 23/01	12023 in the department of
	He / <del>Sh</del> e was highly motiv	
	training and did a very good job	

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

For **KEVELLGURU** 

J. Jetha

(Jenitha J)



www.kevellguru.org

academic@kevellguru.org

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



## PHOENIX SOFTECH

## Internship Certificate

This is to certify that

M. PAVITHRA

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Embedded C

Held From 07-06-2023 to 21-06-2023

21-06-2023 Dated

Authorized Signatory

Certificate No: BSNLVGR23044



## BHARAT SANCHAR NIGAM LIMITED (A GOVERNMENT OF INDIA ENETERPRISE)

VIRUDHUNAGAR SSA, MADURAI BUSINESS AREA

This is to certify that Ms.R.PUSHPA RATHINA studying in KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, K.VELLAKULAM NEAR VIRUDHUNAGAR has undergone Internship Training in BSNL Virudhunagar during the period from 12.06.2023 to 26.06.2023 (Two weeks).

Her commitment and involvement in the assignment is **GOOD**.

Virudhunagar 26.06.2023

Deputy General Manager BSNL Virudhunagar – 626001





## PHOENIX SOFTECH

# Internship Certificate

This is to certify that

R. ALAGU SANKARA NARAYANAN

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

App development in Android

Held From <u>12-06-2023</u> to <u>26-06-2023</u>

26-06-2023 Dated

Authorized Signatory



### **BHARAT SANCHAR NIGAM LIMITED**

(A Government of India Enterprises)

#### MADURAI SECONDARY SWITCHING AREA

#### TO WHOMSOEVER IT MAY CONCERN

THA.R.U
llege of Engg, and Technolog
In Plant Training
BSNL MADURAI SSA
······································

His / Her Commitment and involvement in the assignment is GOOD.

Madurai - 625 002

28 1 06 12023

SI.No.: 185

ASSISTANT GENERAL MANAGER (H.R)

O/o GENERAL MANAGER, BSNL

MADURAI - 625 002



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

E-mail: contact@webgapp.com Website: www.webgapp.com

Ref: wp/web/GA588

Date: 28/06/2023

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms.S.KIRUTHIYA VAISHNAVI, D/O. V.Seenivasan, Reg No: 920421106020 is a student of B.E in the Department of Electronics And Communication Engineering at Kamaraj College Of Engineering & Technology (Autonomous) located in k.Vellakulam Near Viruthunagar, Tamil Nadu.

Ms. S.Kiruthiya Vaishnavi has successfully completed an internship program from 08/06/23 to 28/06/2023. During her internship, she demonstrated dedication, enthusiasm, and a strong willingness to learn. She actively participated in all assigned tasks and exhibited punctuality and diligence throughout the internship period. We appreciate her efforts and wish her all the best for her future endeavors.

Project developed during the internship program:

Developed a website using PHP, HTML, CSS and BOOTSTRAP.

We wish her every success in life.

For, WEBGAPP.

WEBGAPP

D. Suboush.

No : 40, A.J. Complex, Pattukottai Kalyana Sundaram Street, Bye Pass Road, Ellis Nagar,

MADURAI - 625 010.

Authorized Signature



Date: 23/06/2023

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms V. Dharmesh Kannan
has successfully completed 15 Days of an Internship/Workshop/Industrial
Training in our organization from 12/06/2023 to 23/06/2023 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** 

J. Jaitha

(Jenitha J)





www.kevellguru.org

academic@kevellguru.org

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



## BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprises)

### MADURAI SECONDARY SWITCHING AREA

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Shri / Kum	KEERTHI. G
Student of BE (ECE) from Kamar	aj College of Engg and Technologi
has undergone Project / In Plant / Special t	raining In Plant Training
Two Weeks	BSNL MADURAI SSA
for a period From 12.06.2023. To	<u> </u>

His / Her Commitment and involvement in the assignment is GOOD.

Madurai - 625 002

24/06/2023

SI.No.: 186

ASSISTANT GENERAL MANAGER (H.R)
O/o GENERAL MANAGER, BSNL

MADURAI - 625 002



Date 23/04/2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms	d. Anu	Karthi	9a	- A
has successfully completed 15	Days	of an loter	mship/Werkshop/Industra	-
Training in our organization from				
Ideb Development	_ Ho / She wa	s highly motive	ited and hardworking ##e/S	bur i
found to be sincere during the traini				

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

J - Ju the



www.hexellguru.org

всолетіс Вхечий диги. пго

33, China Maghavan Enclave, Hakim Ajmalichan Road Owar Lady Doss College Back Gates, Chinas Chokk Bullam, Magurai-62 5002





**Reference Number: 2023/000052** Date: 26<sup>th</sup> June 2023

#### INTERNSHIP CERTIFICATE

This is to certify that Mr. Uvaraj A, a student of B.E ECE, from Kamaraj College of Engineering and Technology, Virudhunagar had undergone internship training during 7th June 2023 to 23rd June 2023 on the topic of MERN STACK WITH CLOUD, which he completed successfully.

Through-out the training, his overall conduct and attitude towards work was satisfactory. He was hardworking, punctual and committed in carrying out his assignments.

Wishing him all success for his future.

FOR RECCSAR Pvt Ltd

S.K.Sanjay Raj, Director

S.K. Sorgan as



#### TO WHOM SO EVER IT MAY CONCERN

th 30 June 2023

This is to certify that, V.Saran( Reg no. 21UEC021)3<sup>rd</sup> Year B.E(ECE) student of KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, K. Vellkulam Virudhunagar had undergone the INTERNSHIP to Learn AI under our guidance Join the period of June -12 - 2023 – June-26-2023(15 DAYS).

We found his sincere, hardworking, and technically sound and result oriented. He worked well as part of a team during his tenure. We take this opportunity to thank him and wish him all the best for his future.

For Oneforall,



Pradeep. R Internship Coordinator

156, Gandhimathi Complex, Opposite to Nadar Girls Hr. School, Edamal Street, Theni -625531

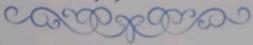
Website: www.oneforallsofttech.com Contact: - 9150011991





Reg No. P7FL210004390061

# Internship Certificate



This Certific	ate has been awarded to
V. Y. UNA SHREE	
on completion ofONE	months of Internship in the area of
WER DEVELOPMENT A	NP. SERVER HASTING
resented on 10:4:2023. day of	.1072023 in appreciation of your work



Durga Muralidharan

Head Operations



# PHOENIX SOFTECH

# Internship Certificate

This is to certify that

M. KARUNESHVAR

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Internet of Things

Held From 12-06-2023 to 26-06-2023

26-06-2023 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/GA584

Date: 28/06/2023

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms.E.PREMA, D/O. J.Eswaramurthi, Reg No: 920421106031 is a student of B.E in the Department of Electronics And Communication Engineering at Kamaraj College Of Engineering & Technology (Autonomous) located in k.Vellakulam Near Viruthunagar, Tamil Nadu.

Ms. E.Prema has successfully completed an internship program from 08/06/23 to 28/06/2023. During her internship, she demonstrated dedication, enthusiasm, and a strong willingness to learn. She actively participated in all assigned tasks and exhibited punctuality and diligence throughout the internship period. We appreciate her efforts and wish her all the best for her future endeavors.

Project developed during the internship program:

Developed a website using PHP, HTML, CSS and BOOTSTRAP.

We wish her every success in life.

For, WEBGAPP.

WEBGAPP

D. Subash

No : 40, A.J. Complex, Pattukottai Kalyana Sundaram Street, Bye Pass Road, Ellis Nagar,

MADURAL - 625 010.

Authorized Signature

CIN: U80904BR2021PTC049961

# CERTIFICATE

OF APPRECIATION

This is to certify that

S. Boobalan

has completed a one-month internship as a Content Creator in Robotics at Robomanthan from 10th June 2023 to 10th July 2023.

CO-FOUNDER/CEO

CO-FOUNDER/CTO



Date 23/06/2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Mo W. Srii Kanth
has successfully completed 15 Days of an Internship/Workshop/Industrial
Training in our organization from 12/06/2023 to 23/06/2023 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

J. Je the

(Jenitha J)



www.kevellguru.org

Ø

academic@kevellguru.org

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



# PHOENIX SOFTECH

# Internship Certificate

This is to certify that

S. MUHAMED SABEER ALI

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Java Script

Held From 09-06-2023 to 23-06-2023

23-06-2023 Dated

Authorized Signatory



# **BHARAT SANCHAR NIGAM LIMITED**

(A Government of India Enterprises)

### **MADURAI SECONDARY SWITCHING AREA**

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Shri / Kum THANG	AMAREES WARI.T
Student of BE(ECE) from Kamaraj Colle	ge of Engg and Technolog
has undergone Project / In Plant / Special training	
Two Weeks	
for a period From. 12.06.2023 To	

His / Her Commitment and involvement in the assignment is GOOD.

Madurai - 625 002

24 / 06 /2023

SI.No.: 187

ASSISTANT GENERAL MANAGER (H.R)

O/o GENERAL MANAGER, BSNL

MADURAI - 625 002



# PHOENIX SOFTECH

# Internship Certificate

This is to certify that

A. RAMAR

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

App development in Android

Held From 12-06-2023 to 26-06-2023

26-06-2023 Dated

Authorized Signatory



### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. SOORIYA NARAYANAN, a student of Kamaraj College of Engineering and Technology, has successfully completed an internship from 12<sup>th</sup> June 2023 to 14<sup>th</sup> July 2023.

During the internship, he worked on the Booking Portal and actively performed the following responsibilities:

- 1. Participating Project Discussions
- 2. Training Sessions
- 3. Developing the minor module

Mr. SOORIYA NARAYANAN consistently exceeded our expectations with their outstanding performance. Their dedication to their role and responsibilities was commendable, and they showcased exceptional skills and knowledge throughout the internship period.

We wish them all the best for their career.

Sincerely,

Balaji VP

Program Manager,

**Priga Solutions** 

www.prigasolutions.com

Email: balaji.vp@prigasolutions.com

Mobile: +91 96638 82209

PRIGA Solutions, Suit 5, Businezz Bay, 4<sup>th</sup> Floor, Gamma Block, Sigma Soft Tech Park, HAL-Whitefield main road, Bangalore-560066.





Req No. P7FL210004390061

# Internship Certificate



This Certificate has been awarded to
M. KEERTHANA
on completion ofONE months of Internship in the area of
WEB. DEVELOPMENT AND SERVER HOSTING
resented on 1.0.6.2.23. day of .1.972.2.23. in appreciation of your work



Durga Muralidharan

**Head Operations** 





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

E-mail: contact@webgapp.com Website: www.webgapp.com

Ref: wp/web/GA581

Date: 28/06/2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms.R. SHEBA ELIZABETH, D/O. C.Rajadurai Gurusingh, Reg No: 920421106042 is a student of B.E in the Department of Electronics And Communication Engineering at Kamaraj College Of Engineering & Technology (Autonomous) located in k.Vellakulam Near Viruthunagar, Tamil Nadu.

Ms. R.Sheeba elizabeth has successfully completed an internship program from 08/06/23 to 28/06/2023. During her internship, she demonstrated dedication, enthusiasm, and a strong willingness to learn. She actively participated in all assigned tasks and exhibited punctuality and diligence throughout the internship period. We appreciate her efforts and wish her all the best for her future endeavors.

Project developed during the internship program:

Developed a website using PHP, HTML, CSS and BOOTSTRAP.

We wish her every success in life.

For, WEBGAPP.

WEBGAPP

D. Subash

No : 40, A.J. Complex, Pattukottai Kalyana Sundaram Street, Bye Pass Road, Ellis Nagar,

MADURAI - 625 010. Authorized Signature





# Internship Certificate

This is to certify that

## L. RANJITH RAJ

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Blockchain Technology

Held From

13-06-2023

to

27-06-2023

27-06-2023 Dated S. Thanse pandian

Authorized Signatory







Reg No. P7FL210004390061

# Internship Certificate

2000	00000
	MONON
00/000	200
	V

This Certificate has been awarded to	
R: RAMPRASATH	
on completion ofO.N.F months of Internshi	ip in the area of
WEB DEVELOPHENT AND SERVER HOST ING	7
Presented on 196 2023 day of .197.:. 2023 in appreci	ation of your work



Durga Muralidharan

**Head Operations** 





### TO WHOM SO EVER IT MAY CONCERN

30<sup>th</sup> June 2023

This is to certify that, M. RITHISH ARUNVARNA (Reg no. 21UEC036) 3<sup>rd</sup> Year B.E(ECE) student of KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, K. Vellkulam Virudhunagar had undergone the INTERNSHIP to Learn IOT under our guidance Join the period of June -12 - 2023 – June-26-2023(15 DAYS).

We found his sincere, hardworking, and technically sound and result oriented. He worked well as part of a team during his tenure. We take this opportunity to thank him and wish him all the best for his future.

For Oneforall,



Pradeep. R

**Internship Coordinator** 



### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. VISHVA S, a student of Kamaraj College of Engineering and Technology, has successfully completed an internship from 12<sup>th</sup> June 2023 to 14<sup>th</sup> July 2023.

During the internship, he worked on the Booking Portal and actively performed the following responsibilities:

- 1. Participating Project Discussions
- 2. Training Sessions
- 3. Developing the minor module

Mr. VISHVA S consistently exceeded our expectations with their outstanding performance.

Their dedication to their role and responsibilities was commendable, and they showcased exceptional skills and knowledge throughout the internship period.

We wish them all the best for their career.

Balaji VP,

Program Manager,

Priga Solutions



# PHOENIX SOFTECH

# Internship Gertificate

This is to certify that

R. NAVEEN

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar has Successfully Completed the Internship Training on

Internet of Things

Held From 12-06-2023 to 26-06-2023

26-06-2023 Dated

Authorized Signatory



# PHOENIX SOFTECH

# Internship Certificate

This is to certify that

L. NOBLE RICHARD

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

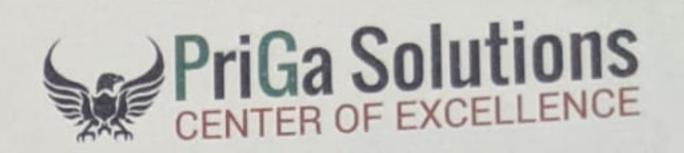
has Successfully Completed the Internship Training on

Internet of Things

Held From 10-06-2023 to 26-06-2023

26-06-2023

Authorized Signatory



# TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. FAIZARASOOL S, a student of Kamaraj College of Engineering and Technology, has successfully completed an internship from 12<sup>th</sup> June 2023 to 14<sup>th</sup> July 2023. During the internship, he worked on the Booking Portal and actively performed the following responsibilities:

- 1. Participating Project Discussions
- 2. Training Sessions
- 3. Developing the minor module

Ms. FAIZARASOOL S consistently exceeded our expectations with their outstanding performance. Their dedication to their role and responsibilities was commendable, and they snowcased exceptional skills and knowledge throughout the internship period.

We wish them all the best for their career.

Sincerely

Balaji VP,

Program Manager,

**Priga Solutions** 



### TO WHOM SO EVER IT MAY CONCERN

th 30 June 2023

This is to certify that, P.Sukis krishna (Reg no. 21UEC041)3<sup>rd</sup> Year B.E(ECE) student of KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, K. Vellkulam Virudhunagar had undergone the INTERNSHIP to Learn IOT under our guidance Join the period of June -12 - 2023 – June-26-2023(15 DAYS).

We found his sincere, hardworking, and technically sound and result oriented. He worked well as part of a team during his tenure. We take this opportunity to thank him and wish him all the best for his future.

For Oneforall,

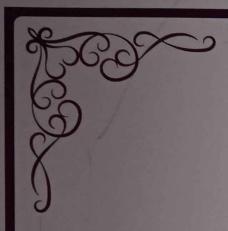


Pradeep. R

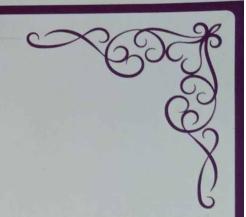
Internship Coordinator

156, Gandhimathi Complex, Opposite to Nadar Girls Hr. School, Edamal Street, Theni -625531

Website: www.oneforallsofttech.com Contact: - 9150011991







Reg No. P7FL210004390061

# Internship Certificate



This Certificate has been awarded to	
M. MEENAKSHI	
on completion ofO.N.E months of Internship in the area ofWEB. DEVELOPHENT. AND SERVER. HOSTING.	
resented on .106.2023 day of .10	rk



Durga Muralidharan

**Head Operations** 



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

E-mail: contact@webgapp.com Website: www.webgapp.com

Ref: wp/web/GA585

Date: 28/06/2023

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms.T.YUWASRI, D/O. M.Thangaraj, Reg No: 920421106055 is a student of B.E in the Department of Electronics And Communication Engineering at Kamaraj College Of Engineering & Technology (Autonomous) located in k.Vellakulam Near Viruthunagar, Tamil Nadu.

Ms.T.Yuwasri has successfully completed an internship program from 08/06/23 to 28/06/2023. During her internship, she demonstrated dedication, enthusiasm, and a strong willingness to learn. She actively participated in all assigned tasks and exhibited punctuality and diligence throughout the internship period. We appreciate her efforts and wish her all the best for her future endeavors.

Project developed during the internship program:

Developed a website using PHP, HTML, CSS and BOOTSTRAP.

We wish her every success in life.

For, WEBGAPP.

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

Authorized Signature



# PHOENIX SOFTECH

This is to certify that

C. SIYON

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Internet of Things

Held From 10-06-2023 to 25-06-2023

Authorized Signatory

25-06-2023 Dated



### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. VISHAL M A, a student of Kamaraj College of Engineering and Technology, has successfully completed an internship from 12<sup>th</sup> June 2023 to 14<sup>th</sup> July 2023. During the internship, he worked on the Booking Portal and actively performed the following responsibilities:

- 1. Participating Project Discussions
- 2. Training Sessions
- 3. Developing the minor module

Mr. VISHAL M A consistently exceeded our expectations with their outstanding performance. Their dedication to their role and responsibilities was commendable, and they showcased exceptional skills and knowledge throughout the internship period.

We wish them all the best for their career.

Sincerely,

Balaji VP,

Program Manager,

Priga Solutions

www.prigasolutions.com

Email balaji.vp@prigasolutions.com

Tarnataka

Mobile: +91 96638 82209



Reg No. P7FL210004390061

# Internship Certificate

CONTRACTOR OF THE PROPERTY OF

	This Certificate has been awarded to
	B.G. RAMJI
on	completion ofONE months of Internship in the area of
	. WEB DEVELOPHENT AND . SERVER HOSTING (. NET)
	nted on 19.6.:2023 day of .10:.7:.2023 in appreciation of your work



Durga Muralidharan

**Head Operations** 



### TO WHOM SO EVER IT MAY CONCERN

30th June 2023

This is to certify that, S.HASEEM ABU SHEIK (Reg no. 21UEC048) 3<sup>rd</sup> Year B.E(ECE) student of KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, K. Vellkulam Virudhunagar had undergone the INTERNSHIP to Learn IOT under our guidance Join the period of June -12 - 2023 – June-26-2023(15 DAYS).

We found his sincere, hardworking, and technically sound and result oriented. He worked well as part of a team during his tenure. We take this opportunity to thank him and wish him all the best for his future.

For Oneforall,

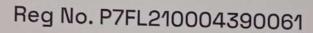


Pradeep. R

Internship Coordinator







# Internship Certificate



	This Certificate has been awarded to
	K. SUREKA
on co	impletion ofDNE months of Internship in the area of
NEE	DEVELOPHENT AND SERVER HOSTING
Presente	ed on .10.120.23. day of .10720.23 in appreciation of your wor



Durga Muralidharan

**Head Operations** 



Date: 23/04/2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms A. Gr. Wivitha
has successfully completed 15 Dog of an Internship/Workshop/Industrial
Training in our organization from 12/04/2023 to 23/04/2023 in the department of
The 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** 

J. Joitha

(Jenitha J)



www.kevellguru.org

academic@kevellguru.org

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







Reference Number: 2023/000051

Date: 26th June 2023

# INTERNSHIP CERTIFICATE

This is to certify that Mr. Dhanush R, a student of B.E ECE, from Kamaraj College of Engineering and Technology, Virudhunagar had undergone internship training during 7th June 2023 to 23rd June 2023 on the topic of MERN STACK WITH CLOUD COMPUTING, which he completed successfully.

Through-out the training, his overall conduct and attitude towards work was satisfactory. He was hardworking, punctual and committed in carrying out his assignments.

Wishing him all success for his future.

FOR RECCSAR Pvt Ltd

S. k. Sarjer Ri

S.K.Sanjay Raj, Director





### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. MUTHU BHARATHI P, a student of Kamaraj College of Engineering and Technology, has successfully completed an internship from 12<sup>th</sup> June 2023 to 14<sup>th</sup> July 2023.

During the internship, he worked on the Booking Portal and actively performed the following responsibilities:

- 1. Participating Project Discussions
- 2. Training Sessions
- 3. Developing the minor module

Ms. MUTHU BHARATHI P consistently exceeded our expectations with their outstanding performance. Their dedication to their role and responsibilities was commendable, and they showcased exceptional skills and knowledge throughout the internship period.

We wish them all the best for their career.

Sincerely,

Balaji VP,

Program Manager,

**Priga Solutions** 

www.prigasolutions.com

Email: balaji.vp@prigasolutions.com

Mobile: +91 96638 82209

PRIGA Solutions, Suit 5, Businezz Bay, 4<sup>th</sup> Floor, Gamma Block, Sigma Soft Tech Park, HAL-Whitefield main road, Bangalore-560066.





04.07.2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that K. Senthil Murugan, 21UEC053, III Year, BE Electronics and Communication student of Kamaraj College of Engineering had undergone Internship Training in our company from 15.06.2023 to 04.07.2023.

During this period, his performance and conduct were found to be good.

We wish him all success in his future endeavors.

For J.K Fenner (India) Limited.,

V. P. Sery

V.P. Srimanivel

AGM - HR & Admin





# PHOENIX SOFTECH

# Internship Certificate

This is to certify that

M. SHVETHA

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Embedded C

Held From 07-06-2023 to 21-06-2023

21-06-2023 Dated

Authorized Signatory

No.1, 1st Floor, Ponmeni Narayanan Street, S.S. Colony, Madurai – 625 010.

E-Mail: info@webwalk.org Contact: 8056361688,

0452-4368886



# Internship Certificate

This is to certify that

S. DIVYA

Student of

B.E., (Electronics and Communication Engineering) from Kamaraj College of Engineering and Technology, Virudhunagar has Successfully Completed the Internship Training on

Embedded C

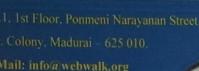
Held From

07-06-2023

to

21-06-2023

21-06-2023 Dated S. Thorse poneus
Authorized Signatory



ntact: 9056361699

ntact: 8056361688

52-4368886



# Internship Certificate

This is to certify that

## A. DHIVYA DHARSHINI

Student of

B.E., (Electronics and Communication Engineering) from

Kamaraj College of Engineering and Technology, Virudhunagar

has Successfully Completed the Internship Training on

Embedded C

Held From

07-06-2023

to

21-06-2023

21-06-2023 Dated S. Thurse purely, Authorized Signatory



Date: 23/06/2023

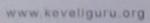
### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms Vetu Vel . B			·B	
has successfully completed	15	Days	of an	Internship/Workshop/Industrial
Training in our organization	from	12/06/8	10.03 to 2	3/06/2023 in the department of
UI & Ux Design				motivated and hardworking. He/She
found to be sincere during the t		ng and did a	very good	job

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

J. J. Ika (Jenitha J)





academic@kevellguru.org

33, Chitra Madhavan Enclave, Hakim AjmalKhan Road (Near Lady Doak College Back Gate), Chinna Chokkikulam, Madural-825002.





Date 23/06/2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr/Ms	R. Bharath Vaj
has successfully completed 15	of an Internship/Workshop/Industria
Training in our organization from	m (2/06/2023 to 23/06/2023 in the department o
UT & UX Design	He / She was highly motivated and hardworking. He/She
found to be sincere during the train	ning and did a very good job

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

For KEVELLGURU

J. Jantha

(Jenitha J)



3

SECTION SOLUTION

www.kevellguru.org

academic@kevellguru.org

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



### **TO WHOM SO EVER IT MAY CONCERN**

th 30 June 2023

This is to certify that, **S.Srikanth(Reg no. 21UEC059)3<sup>rd</sup>** Year **B.E(ECE)** student of **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, K. Vellkulam Virudhunagar** had undergone the INTERNSHIP to Learn AI under our guidance Join the period of **June -12 - 2023 – June-26-2023**(15 DAYS).

We found his sincere, hardworking, and technically sound and result oriented. He worked well as part of a team during his tenure. We take this opportunity to thank him and wish him all the best for his future.

For Oneforall,



Pradeep. R Internship Coordinator

156, Gandhimathi Complex, Opposite to Nadar Girls Hr. School, Edamal Street, Theni -625531

Website: www.oneforallsofttech.com Contact: - 9150011991

No.1, 1st Floor, Porimeni Narayanan Street S.S. Colony, Madurai – 625 010. E-Mail: info@webwalk.org



# Internship Certificate

This is to certify that

K. MUTHU RAAJ

Student of

B.E., (Electronics and Communication Engineering) from Kamaraj College of Engineering and Technology, Virudhunagar has Successfully Completed the Internship Training on

Embedded System

Held From

12-06-2023

to

26-06-2023

26-06-2023 Dated S. Thense pandun\_ Authorized Signatory



### **TO WHOM SO EVER IT MAY CONCERN**

th 30 June 2023

This is to certify that, **S.Sathis kumar(Reg no. 21UEC061)3<sup>rd</sup>** Year **B.E(ECE)** student of **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY, K. Vellkulam Virudhunagar** had undergone the INTERNSHIP to Learn AI under our guidance Join the period of **June -12 - 2023 – June-26-2023**(15 DAYS).

We found his sincere, hardworking, and technically sound and result oriented. He worked well as part of a team during his tenure. We take this opportunity to thank him and wish him all the best for his future.

For Oneforall,



Pradeep. R Internship Coordinator

156, Gandhimathi Complex, Opposite to Nadar Girls Hr. School, Edamal Street, Theni -625531

Website: www.oneforallsofttech.com Contact: - 9150011991