

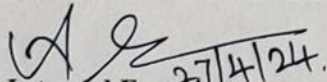
Department of Mechatronics Engineering
(Accredited by NBA, New Delhi)

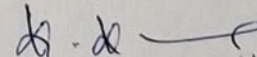
End Semester Project Viva voce – April 2024

Degree & Branch : B.E & Mechatronics Engineering
Year & Semester : IV & VIII
Subject code : MT1821
Subject Name : Project Work
Date of Exam : 02/05/2024 (AN)
Venue : SMC Laboratory

Schedule

S. No.	Batch No.	Register No.	Student Name	Timing
1.	7801	920420UMT001	NAVEEN R	12.45 to 1.15 PM
2.		920420UMT004	VEERANAN C	
3.		920420UMT011	SABARIVASAN S	
4.	7802	920420UMT002	RAHUL G	1.15 to 1.45 PM
5.		920420UMT012	MANIKANDAN R	
6.		920420UMT013	HARRISH BABU K	
7.	7803	920420UMT003	GEM RELTON R	1.45 to 2.15 AM
8.		920420UMT015	HARISH RAMACHANDRAN V	
9.	7804	920420UMT005	KARTHIKEYAN S	2.15 to 2.45 PM
10.		920420UMT007	RAMANA VEL R	
11.		920420UMT008	NAVEEN PRAKASH M E	
12.	7805	920420UMT006	SAKTHIBALA K	2.45 to 3.15 PM
13.		920420UMT009	ANANDAKRISHANAN V	
14.	7806	920420UMT010	BHUVANESHWARAN S	3.15 to 3.45 PM
15.		920420UMT014	KRISHNA KUMAR P	
16.		920420UMT016	ESAKKIANAND R	


Internal Examiner


HoD/MTRE

HAND GESTURE BASED SIGN CONVERSION FOR SPEECH AND HEARING IMPAIRED PEOPLE

A PROJECT REPORT

Submitted by

NAVEEN R (920420UMT001)

VEERANAN C (920420UMT004)

SABARIVASAN S (920420UMT012)

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

MECHATRONICS ENGINEERING



DEPARTMENT OF MECHATRONICS ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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

K. VELLAKULAM, VIRUDHUNAGAR – 625 701

APRIL 2024

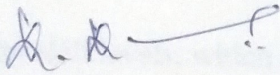
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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

K. VELLAKULAM, VIRUDHUNAGAR – 625 701

BONAFIDE CERTIFICATE

Certified that the project report “Hand Gesture Based Sign Conversion for Speech and Hearing Impaired People” is the Bonafide work of “NAVEEN R (920420UMT001), VEERANAN C (920420UMT004) & SABARIVASAN S (920420UMT012)” who carried out the project work under my supervision.



SIGNATURE

Dr. K. KANNAN, M.E., M.E., Ph.D.,

Head of the Department,

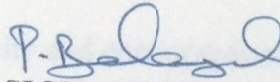
Professor,

Dept. of Mechatronics Engineering,

Kamaraj College of Engg & Tech,

K.Vellakulam,

Virudhunagar - 625701.



SIGNATURE

Dr. P. BALASUNDAR, M.E., Ph.D.,

SUPERVISOR,

Assistant Professor (Senior Scale),

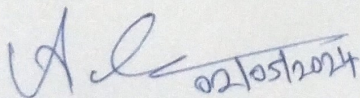
Dept. of Mechatronics Engineering,

Kamaraj College of Engg & Tech,

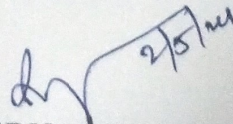
K.Vellakulam,

Virudhunagar - 625701.

Submitted for the Viva Voce Examination held on 02.05.2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

EARTHQUAKE DETECTING SYSTEM

PROJECT REPORT

Submitted by

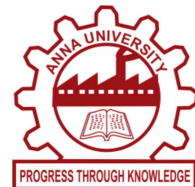
RAHUL G (920420UMT002)
MANIKANDAN R (920420UMT012)
HARRISH BABU K (920420UMT013)

In partial fulfillment of the award of the degree of

BACHELOR OF ENGINEERING

IN

MECHATRONICS ENGINEERING



DEPARTMENT OF MECHATRONICS ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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

K.VELLAKULAM - 625 701 (Near Virudhanagar)

APRIL 2024

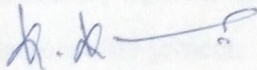
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated with Anna University, Chennai)

K. VELLAKULAM - 625 701 (Near Virudhunagar)

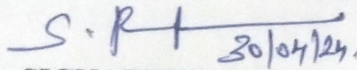
BONAFIDE CERTIFICATE

Certified that the project report "Earthquake Detecting system" is the Bonafide work of "RAHUL G (920420UMT002) & MANIKANDAN R (920420UMT012) & HARRISH BABU K (920420UMT013)" who carried out the project work under my supervision.



SIGNATURE

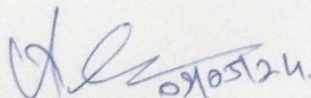
Dr. K. KANNAN, M.E., M.E.,
Ph.D.,
HEAD OF THE DEPARTMENT,
Professor,
Department of Mechatronics
Engineering,
Kamaraj College of Engineering &
Technology,
K. Vellakulam - 625 701 (Near
Virudhunagar)



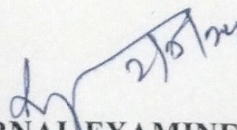
SIGNATURE

Dr. S. RAJESHBABU M.E., Ph.D.,
SUPERVISOR,
Assistant Professor,
Department of Mechatronics
Engineering,
Kamaraj College of Engineering &
Technology,
K. Vellakulam, - 625 701 (Near
Virudhunagar)

Submitted for the Viva Voce Examination held on 02/05/2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

METAL SEPERATOR MACHINE

PROJECT REPORT

Submitted by

R.GEM RELTON

(920420UMT003)

V.HARISH RAMACHANDRAN

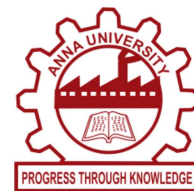
(920420UMT015)

In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

MECHATRONICS ENGINEERING



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

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

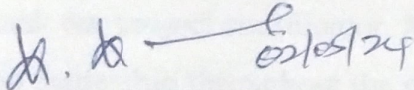
**KAMARAJ COLLEGE OF ENGINEERING AND
TECHNOLOGY**

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

K. VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report “**Metal Separator Machine**” is the Bonafide work of “**GEMRELTON R (20UMT003) & HARISH RAMACHANDRAN V (20UMT015)**” who carried out the project work under my supervision.



SIGNATURE

Dr. K. KANNAN, M.E., M.E., Ph.D.,

HEAD OF THE DEPARTMENT,

Professor,

Department of Mechatronics

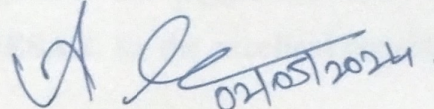
Engineering,

Kamaraj College of Engineering &

Technology,

K.Vellakulam,

Virudhunagar - 625 701.



SIGNATURE

Mr. A. GANESAN M.E.,

SUPERVISOR,

Assistant Professor,

Department of Mechatronics

Engineering,

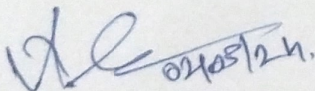
Kamaraj College of Engineering &

Technology,

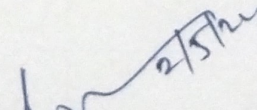
K.Vellakulam,

Virudhunagar - 625 701.

Submitted for the Viva Voce Examination held on 02/05/2024



INTERNAL EXAMINER



EXTERNAL EXAMINER



JP METAL INDUSTRIES

(Mft. : Magnesium Metal Alumnum Alloy)

3/57, Kumarapuram, Virudhunagar - 626 001.

Prop. N.J. Thangaraj

GSTIN : 33AJIPJ9849B1Z5

94421 57203, 88256 28898

Date: 26.04.2024

CERTIFICATE FOR PROJECT COMPLETION

This is to certify that **Mr. V. Harish Ramachandran (920420UMT015)**, student of **B.E Mechatronics Engineering** from **Kamaraj College of Engineering and Technology** has completed his Project **“METAL SEPARATOR MACHINE”** at **JP METAL INDUSTRIES** during the period **January 2024 to April 2024**.

For J.P.Metal Industries

Proprietor



JP METAL INDUSTRIES

(Mft. : Magnesium Metal Alumnum Alloy)

3/57, Kumarapuram, Virudhunagar - 626 001.

Prop. N.J. Thangaraj

GSTIN : 33AJIPJ9849B1Z5

94421 57203, 88256 28898

Date: 26.04.2024

CERTIFICATE FOR PROJECT COMPLETION

This is to certify that **Mr. R. Gem Relton (920420UMT003)**, student of **B.E Mechatronics Engineering** from **Kamaraj College of Engineering and Technology** has completed his Project **“METAL SEPARATOR MACHINE”** at **JP METAL INDUSTRIES** during the period January 2024 to April 2024.

For J.P.Metal Industries



Proprietor

AUTOMATIC VALVE FIXING SYSTEM

A PROJECT REPORT

Submitted by

KARTHIKEYAN S (920420UMT005)

RAMANAVEL R (920420UMT007)

NAVEEN PRAKASH M.E (920420UMT008)

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

MECHATRONICS ENGINEERING



DEPARTMENT OF MECHATRONICS 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 "AUTOMATIC VALVE FIXING SYSTEM" is the bonafide work of "S. KARTHIKEYAN (920420UMT005), R.RAMANAVEL (920420UMT007) and M.E. NAVEEN PRAKASH (920420UMT008)" who carried out the project work under my supervision.


SIGNATURE

Dr. K. KANNAN, M.E., M.E., Ph.D.,

Head of the Department,

Professor,

Dept. of Mechatronics Engineering,

Kamaraj College of Engg & Tech,

K. Vellakulam,

Virudhunagar - 626 701.


SIGNATURE

Dr. K. KANNAN, M.E., M.E., Ph.D.,

SUPERVISOR,

Professor,

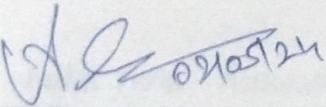
Dept. of Mechatronics Engineering,

Kamaraj College of Engg & Tech,

K. Vellakulam,

Virudhunagar - 625 701.

Submitted for the Viva Voce Examination held on 02.05.2024


INTERNAL EXAMINER

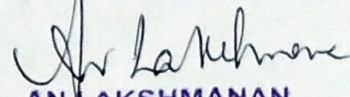

EXTERNAL EXAMINER

Date : 27.04.2024

CERTIFICATE FOR PROJECT COMPLETION

This is to certify that **Mr.RAMANAVEL (920420UMT007)** a student of **B.E Mechatronics Engineering** from **Kamaraj college of Engineering and Technology** an Autonomous Institution has completed his Project on topic "**AUTOMATIC VALVE FIXING SYSTEM**" at **TVS Srichakra Ltd** during the period **Jun'23 to Mar'24**.

(For TVS SRICHAKRA LIMITED



AN LAKSHMANAN
Vice President - Technology

TVS Srichakra Limited

CIN: L25111TN1982PLC009414

Regd. Office: TVS Building, 7-B West Veli Street, Madurai 625 001.

Tel: +91 0452 2356400. Fax: +91 0452 2443466 | Website: www.tvseurogrip.com

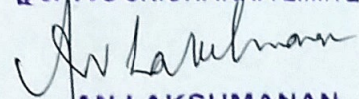
Manufacturing Unit: Vellaripatti, Melur Taluk, Madurai - 625 122. Tel: +91 452 2443300

Date : 27.04.2024

CERTIFICATE FOR PROJECT COMPLETION

This is to certify that **Mr.S.Karthikeyan (920420UMT005)** a student of **B.E Mechatronics Engineering** from **Kamaraj college of Engineering and Technology** an Autonomous Institution has completed his Project on topic **"AUTOMATIC VALVE FIXING SYSTEM"** at TVS Srichakra Ltd during the period Jun'23 to Mar'24.

For TVS SRICHAKRA LIMITED



AN LAKSHMANAN
Vice President - Technology

TVS Srichakra Limited

CIN: L25111TN1982PLC009414

Regd. Office: TVS Building, 7-B West Veli Street, Madurai 625 001.

Tel: +91 0452 2356400. Fax: +91 0452 2443466 | Website: www.tvseurogrip.com

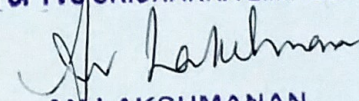
Manufacturing Unit: Vellaripatti, Melur Taluk, Madurai - 625 122. Tel: +91 452 2443300

Date : 27.04.2024

CERTIFICATE FOR PROJECT COMPLETION

This is to certify that **Mr.M.E NAVEEN PRAKASH (920420UMT008)** a student of **B.E Mechatronics Engineering** from **Kamaraj college of Engineering and Technology** an Autonomous Institution has completed his Project on topic **“AUTOMATIC VALVE FIXING SYSTEM”** at **TVS Srichakra Ltd** during the period **Jun'23 to Mar'24**.

(For TVS SRICHAKRA LIMITED



AN LAKSHMANAN
Vice President - Technology

TVS Srichakra Limited

CIN: L25111TN1982PLC009414

Regd. Office: TVS Building, 7-B West Veli Street, Madurai 625 001.

Tel: +91 0452 2356400. Fax: +91 0452 2443466 | Website: www.tvseurogrip.com

Manufacturing Unit: Vellaripatti, Melur Taluk, Madurai - 625 122. Tel: +91 452 2443300

DUAL AXIS SOLAR TRACKING FOR ENHANCED POWER GENERATION

PROJECT REPORT

Submitted by

SAKTHI BALA K (920420UMT006)

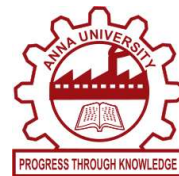
ANANDAKRISHNAN V (920420UMT009)

in partial fulfillment of the award of the degree of

BACHELOR OF ENGINEERING

IN

MECHATRONICS ENGINEERING



DEPARTMENT OF MECHATRONICS ENGINEERING

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated with Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR – 625 701

APRIL 2024

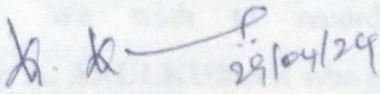
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated with Anna University, Chennai)

K. VELLAKULAM, VIRUDHUNAGAR – 625 701

BONAFIDE CERTIFICATE

Certified that the project report “Dual Axis Solar Tracking for Enhanced Power Generation” is the Bonafide work of “SAKTHIBALA K (920420UMT006) & ANANDAKRISHNAN V (920420UMT009)” who carried out the project work under my supervision.



SIGNATURE

Dr. K. KANNAN, M.E., M.E., Ph.D.,

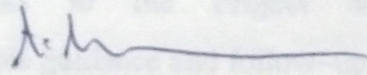
HEAD OF THE DEPARTMENT

Professor

Department of Mechatronics Engineering

Kamaraj College of Engineering & Technology

K.Vellakulam, Madurai



SIGNATURE

Mr. A. ARULKUMAR, M.E., (Ph. D)

SUPERVISOR

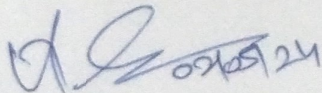
Assistant Professor

Department of Mechatronics Engineering

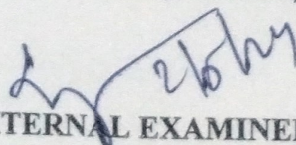
Kamaraj College of Engineering & Technology

K.Vellakulam, Madurai

Submitted for the Viva Voce Examination held on 02.05.2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

AUTONOMOUS SEED SOWING ROBOT

PROJECT REPORT

Submitted by

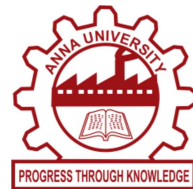
BHUVANESHWARAN S	(920420UMT010)
KRISHNA KUMAR P	(920420UMT014)
ESAKKI ANAND R	(920420UMT016)

In partial fulfillment of the award of the degree of

BACHELOR OF ENGINEERING

IN

MECHATRONICS ENGINEERING



**DEPARTMENT OF MECHATRONICS ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND
TECHNOLOGY**

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

K.VELLAKULAM, VIRUDHUNAGAR - 625 701

APRIL 2024

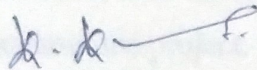
**KAMARAJ COLLEGE OF ENGINEERING AND
TECHNOLOGY**

(An Autonomous Institution Affiliated with Anna University, Chennai)

K. VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report "Autonomous Seed Sowing Robot" is the Bonafide work of "BHUVANESHWARAN S (920420UMT010), KRISHNA KUMAR P (920420UMT014), ESAKKI ANAND R (920420UMT016)" who carried out the project work under my supervision.



SIGNATURE

Dr. K. KANNAN, M.E., M.E., Ph.D.,

HEAD OF THE DEPARTMENT,

Professor,

Department of Mechatronics

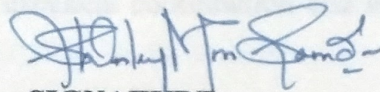
Engineering,

Kamaraj College of Engineering &

Technology,

K. Vellakulam,

Virudhunagar - 625 701.



SIGNATURE

Mr. S. WESLEY MOSES SAMDOOS

M.E., (Ph. D)

SUPERVISOR,

Assistant Professor,

Department of Mechatronics

Engineering,

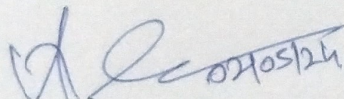
Kamaraj College of Engineering &

Technology,

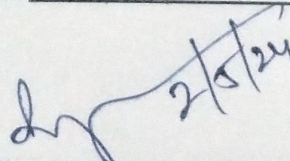
K. Vellakulam,

Virudhunagar - 625 701.

Submitted for the Viva Voce Examination held on 02/05/2024



INTERNAL EXAMINER




EXTERNAL EXAMINER

**MT 2354 Design and Fabrication Project for Mechatronics Engineering
 End Semester VIVA VOCE Schedule**

Date: 06.05.2024

S.No	Batch Number	Time	Register Number	Roll Number	Name of the Student	Area of the Project	Supervisor Name and Designation
1	8601	09:30 A.M. to 09:48 A.M.	920421115001	21UMT002	ARAVINDH AARYA.G	Design and Fabrication of Autonomous Mobile Robots for Indoor Environments	Mr.S.Wesley Moses Samdoss, AP/MTRE
2			920421115018	21UMT003	SRI RAMACHANDRAN.K		
3			920421115301	21UMT025	ARAVINTH.V		
4	8602	09:49 A.M. to 10:06 A.M.	920421115002	21UMT017	ARAVINTHA KUMAR.S	Smart Agriculture Robot	Mr.S.Wesley Moses Samdoss, AP/MTRE
5			920421115019	21UMT016	SUBASH CHANDRU.P		
6			920421115020	21UMT012	SURYAVIGNESH.R		
7	8603	10:07 A.M. to 10:24 A.M.	920421115003	21UMT009	BHARATHI.R	Voice Assistance for Visually Impaired	Mr.A.Ganesan, AP/MTRE
8			920421115010	21UMT021	MUTHUPANDI.V		
9			920421115015	21UMT013	SAROJ KANNA		
10	8604	10:25 A.M. to 10:42 A.M.	920421115004	21UMT006	GIRI.P	Pandemic Provision: Autonomous Vehicle for Domestic Product Supply	Dr.S.Rajeshbabu ,AP/MTRE
11			920421115013	21UMT023	POISOLLAN.G.A		
12			920421115306	21UMT027	ESAKKI BALA KARTHIK.K		
13	8605	10:43 A.M. to 11.00 A.M.	920421115005	21UMT015	HARIHARAN.B	Design and Fabrication of Rover	Dr.S.Rajeshbabu, AP/MTRE
14			920421115016	21UMT007	SELVAMANI.T		

15			920421115310	21UMT031	SATHISHKUMAR.K		
16	8606	11:01A.M. to 11:18 A.M.	920421115006	21UMT001	JEGADHISH PANDIARAJ.T.S	Fire Detection and Automatic Sprinkler System Activation using Raspberry Pi.	Mr.A.Arulkumar,, AP/MTRE
17			920421115303	21UMT029	ARSHAD PARWESH.S		
18			920421115308	21UMT030	KISHOURE KUMAR.D		
19	8607	11:19 A.M. to 11:36 A.M.	920421115007	21UMT024	KARUNA SAGAR.T	Smart Water Cooling System	Dr.M.Sudalaimani, ASP/MTRE
20			920421115009	21UMT014	MOHAMMED AMMAR.S		
21			920421115012	21UMT004	PARVATHARAJAN.B		
22	8608	11:37 A.M. to 11:54 A.M.	920421115008	21UMT020	LAKSHMAN HARI.C	Smart Pills Dispenser	Mr.A.Ganesan, AP/MTRE
23			920421115017	21UMT018	SIVANESAKARTHIC.RA.K		
24			920421115307	21UMT032	GOKILAN.K.G		
25	8609	11:55 A.M. to 12:12 P.M.	920421115011	21UMT022	NILESH.A	Design and Fabrication of MAZE Solving Robot	Dr.K.Kannan, Professor&HoD/MTRE
26			920421115304	21UMT033	ARUNPRATOP.K		
27			920421115305	21UMT034	DINESH.K		
28	8610	12:13 P.M. to 12:30 P.M	920421115014	21UMT019	SANGEETHALAKSHMI.M	Design and Fabrication of Mecanum Wheel based Robot	Dr.K.Kannan, Professor&HoD/MTRE
29			920421115302	21UMT026	ARIVISHNU.R		
30			920421115309	21UMT028	MITHUN KUMAR.G.S		


Internal Examiner


HoD/MTRE

DESIGN AND FABRICATION OF AUTONOMOUS MOBILE ROBOT FOR INDOOR ENVIRONMENT

A PROJECT REPORT

(MT2354 & Design and Fabrication Project for Mechatronics Engineering)

Submitted by

ARAVINDH AARYA G (920421115001)

SRI RAMACHANDRAN K(920421115018)

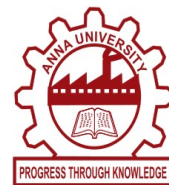
ARAVINTH V (920421115301)

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

MECHATRONICS ENGINEERING



DEPARTMENT OF MECHATRONICS 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 “**DESIGN AND FABRICATION OF AUTONOMOUS MOBILE ROBOT FOR INDOOR ENVIRONMENT**” is the bonafide work of “**ARAVINDH AARYA G (920421115001), SRI RAMACHANDRAN K (920421115018) & ARAVINTH V (920421115305)**” who carried out the project work under my supervision.



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HEAD OF THE DEPARTMENT,

Professor & Head,
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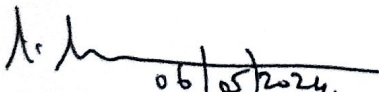


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Mr. S.WESLEY MOSES SAMDOSS, M.E., (Ph.D.)
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Submitted for the Viva Voce Examination held on 06/05/24



INTERNAL EXAMINER



EXTERNAL EXAMINER

DESIGN AND FABRICATION OF SMART AGRICULTURE ROBOT

A PROJECT REPORT

(MT2354&Design and Fabrication Project for Mechatronics Engineering)

Submitted by

S. ARAVINTHA KUMAR (920421115002)

P. SUBASH CHANDRU (920421115019)

R. SURYAVIGNESH (920421115020)

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

MECHATRONICS ENGINEERING



**DEPARTMENT OF MECHATRONICS ENGINEERING
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
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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 “DESIGN AND FABRICATION OF SMART AGRICULTURE ROBOT” is the bonafide work of “S. ARAVINTHA KUMAR(92042115002), P. SUBASH CHANDRU (920421115019)&R. SURYA VIGNESH (920421115020)”who carried out the project work under my supervision.

SIGNATURE

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INTERNAL EXAMINER

EXTERNAL EXAMINER

VOICE ASSISTANCE FOR VISUALLY IMPAIRED

A PROJECT REPORT

(MT2354- Design and Fabrication Project for Mechatronics Engineering)

Submitted by

BHARATHI R (920421115003)

MUTHUPANDI V (920421115010)

SAROJ KANNA J (920421115015)

in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
MECHATRONICS ENGINEERING**



**DEPARTMENT OF MECHATRONICS ENGINEERING
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MAY 2024

**KAMARAJ COLLEGE OF ENGINEERING AND
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BONAFIDE CERTIFICATE

Certified that the project report “VOICE ASSISTANCE FOR VISUALLY IMPAIRED” is the bonafide work of “BHARATHI R (920421115003), MUTHUPANDI V (920421115010) & SAROJ KANNA J (920421115015)” who carried out the project work under my supervision.



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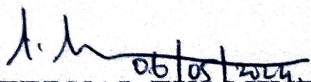
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Submitted for the Viva voce Examination held on 06-05-2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

PANDEMIC PROVISION: AUTONOMOUS VEHICLE FOR DOMESTICAL PRODUCT SUPPLY

A PROJECT REPORT

(MT2354 & Design and Fabrication Project
for Mechatronics Engineering)

Submitted by

GIRI P (920421115004)

POISOLLAN G A (920421115013)

ESAKKI BALA KARTHIK K (920421115306)

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IN
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**DEPARTMENT OF MECHATRONICS
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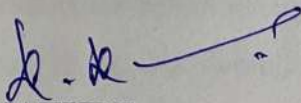
**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
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APRIL 2024

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

Certified that the project report “**PANDEMIC PROVISION: AUTONOMOUS VEHICLE FOR DOMESTIC PRODUCT SUPPLY**” is the bonafide work of “**GIRI P (920421115004), POISOLLAN G A (920421115013) & ESAKKI BALA KARTHIK K (920421115306)**” who carried out the project work under my supervision.


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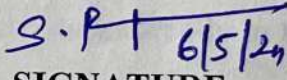
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Dr. S. RAJESHBABU, M.E., Ph.D.,
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Assistant Professor

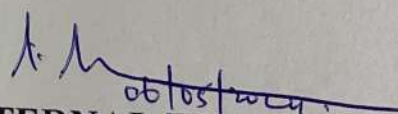
Department of Mechatronics Engineering

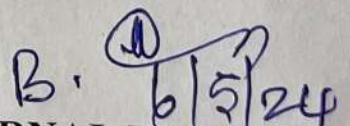
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K. Vellakulam,

Virudhunagar – 625 701.

Submitted for the Viva Voce Examination held on 06/05/2024


INTERNAL EXAMINER


EXTERNAL EXAMINER

DESIGN AND FABRICATION OF ROVER

PROJECT REPORT

(MT2354 & Design and Fabrication Project for Mechatronics Engineering)

Submitted by

HARIHARAN B (920421115005)

SELVAMANI T (920421115016)

SATHISH KUMAR K (920421115310)

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IN

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DEPARTMENT OF MECHATRONICS ENGINEERING

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APRIL 2024

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BONAFIDE CERTIFICATE

Certified that the project report “**DESIGN AND FABRICATION OF ROVER**” is the Bonafide work of “**HARIHARAN B (920421115005), SELVAMANI T (920421115016), SATHISH KUMAR K (920421115310)**” who carried out the project work under my supervision.



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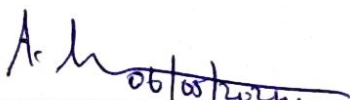
Assistant Professor

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Submitted for the Viva Voce Examination held on 6.5.2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

FIRE DETECTION AND AUTOMATIC SPRINKLER SYSTEM ACTIVATION USING RASPBERRY PI

A PROJECT REPORT

(MT2354 & Design and Fabrication Project
for Mechatronics Engineering)

Submitted by

JEGADHISH PANDIARAJ T S (920421115006)

ARSHAD PARWESH S (920421115303)

KISHOURE KUMAR D (920421115308)

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**DEPARTMENT OF MECHATRONICS
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K. VELLAKULAM, VIRUDHUNAGAR - 625701

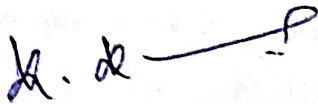
APRIL 2024

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
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K. VELLAKULAM, VIRUDHUNAGAR - 625 701

BONAFIDE CERTIFICATE

Certified that the project report "FIRE DETECTION AND AUTOMATIC SPRINKLER SYSTEM ACTIVATION USING RASPBERRY PI" is the bonafide work of "T.S. JEGADHISH PANDIARAJ (920421115006), S. ARSHAD PARWESH (920421115303) & D. KISHORE KUMAR (920421115308)" who carried out the project work under my supervision.



SIGNATURE

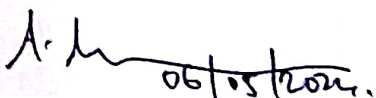
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Mr. A. ARULKUMAR, M.E., (Ph.D)
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Assistant Professor
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K. Vellakulam,
Virudhunagar – 625 701.

Submitted for the Viva Voce Examination held on 06-05-2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

DESIGN AND FABRICATION OF SMART WATER COOLING SYSTEM

A PROJECT REPORT

Course Code : MT2354

**Course Name : DESIGN AND FABRICATION PROJECT
FOR MECHATRONICS ENGINEERING**

Submitted by

**KARUNA SAGAR T (920421115007)
MOHAMMED AMMAR S (920421115009)
PARVATHARAJAN P (920421115012)**

In partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
MECHATRONICS ENGINEERING**



**DEPARTMENT OF MECHATRONICS ENGINEERING
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APRIL 2024

**KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
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BONAFIDE CERTIFICATE

Certified that the project report "SMART WATER COOLING SYSTEM" is the bonafide work of "Karuna Sagar T (920421115007), Mohammed Ammar S (920421115009) & Parvatharajan B (920421115012)" who carried out the project work under my supervision.



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Dr.M. Sudalaimani M.E., Ph.D.,

Associate Professor

Department of Mechatronics Engineering

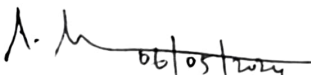
Kamaraj College of Engineering &

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K. Vellakulam,

Virudhunagar – 625 701.

Submitted for the Viva Voice Examination held on 6/5/24



INTERNAL EXAMINER



EXTERNAL EXAMINER

DESIGN AND FABRICATION OF SMART PILLS DISPENSER

A PROJECT REPORT

(MT2354 & Design and Fabrication Project for Mechatronics Engineering)

Submitted by

C. LAKSHMAN HARI (920421115008)

RA.K. SIVANESAKARTHIC (920421115017)

K.G. GOKILAN (920421115307)

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IN

MECHATRONICS ENGINEERING



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K. VELLAKULAM, VIRUDHUNAGAR - 625701

April 2024

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BONAFIDE CERTIFICATE

Certified that the project report “**DESIGN AND FABRICATION OF SMART PILLS DISPENSER**” is the bonafide work of “**LAKSHMAN HARI.C (920421115008), SIVANESAKARTHIC.RA.K (920421115017), GOKILAN.K.G (920421115307)**” who carried out the project work under my supervision.



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Assistant Professor

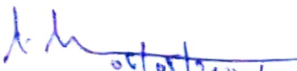
Department of Mechatronics Engineering

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Virudhunagar – 625 701.

Submitted for the Viva Voce Examination held on 06/05/2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

DESIGN AND FABRICATION OF MAZE SOLVING ROBOT

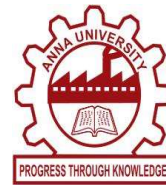
**A PROJECT REPORT
(MT2354 & Design and Fabrication
Project For Mechatronics Engineering)**

Submitted by

**NILESH A(920421115011)
ARUN PRATOP K (920421115304)
DINESH K (920421115305)**

in partial fulfillment for the award of the degree of

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IN
MECHATRONICS ENGINEERING**



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

APRIL 2024

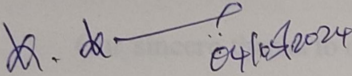
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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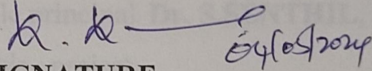
BONAFIDE CERTIFICATE

Certified that the project report “DESIGN AND FABRICATION OF MAZE SOLVING ROBOT” is the bonafide work of “NILESH A (920421115011) & ARUN PRATOP K (920421115304) & DINESH K (920421115305)” who carried out the project work under my supervision.



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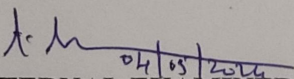
Dr. K. KANNAN, M.E., M.E., Ph.D.,
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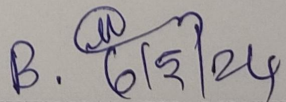
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Virudhunagar - 625 701.

Submitted for the Viva Voce Examination held on 06/05/2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

DESIGN AND FABRICATION OF MECANUM WHEEL BASED ROBOT

A PROJECT REPORT

(MT2354 & Design and Fabrication Project for Mechatronics Engineering)

Submitted by

SANGEETHALAKSHMI M (920421115014)

ARIVISHNU R (920421115302)

MITHUN KUMAR G S (920421115309)

in partial fulfillment for the award of the degree of

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IN

MECHATRONICS ENGINEERING



**DEPARTMENT OF MECHATRONICS ENGINEERING
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APRIL 2024

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

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BONAFIDE CERTIFICATE

Certified that the project report “**DESIGN AND FABRICATION OF MECANUM WHEEL BASED ROBOT**” is the bonafide work of “**M.SANGEETHALAKSHMI (920421115014), S. ARIVISHNU (920421115302) & G.S.MITHUN KUMAR (920421115309)**” who carried out the project work under my supervision.



SIGNATURE

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Submitted for the Viva Voce Examination held on 06/05/2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

Internship Evaluation Sheet

Department : Mechatronics Engineering

Year / Semester : III Year / V Semester

Date of Examination : 13-08-2024

Venue of Examination : E12 hall

Details of Committee members:

1. Dr. K. Kannan, Professor & Head – MTRE
2. Dr. M. G. Sri bala, Asst. Professor – General Engineering
3. Dr. P. Balasundar, Asst. Professor – MTRE

Reviewer 3. Dr. P. Balasundar, Asst. Professor – MTRE– Evaluation sheet:

S.No.	Roll Number	Register Number	Name of Student	Report (40) *	Presentation (30) *	Viva-voce (30) *	Total (100) *
1.	22UMT018	920422115002	ARUNATH.A	30	25	23	78
2.	22UMT023	920422115003	BALAJI.C	35	24	22	81
3.	22UMT002	920422115004	BIBAKS NOBAL.A.P	25	20	10	55
4.	22UMT009	920422115005	GUHANESHVAR.S	37	29	27	93
5.	22UMT019	920422115006	HARI KRISHNAN.B	36	28	26	90
6.	22UMT008	920422115007	HARIRAJAN.K	36	27	26	89
7.	22UMT003	920422115008	ISAC STEPHEN.V	36	25	23	84
8.	22UMT005	920422115009	JOTHEESWARAN.A	30	24	24	78
9.	22UMT013	920422115010	LOGA ANJANA.P	36	27	27	90
10	22UMT015	920422115011	MADHAN KUMAR.R	33	24	23	80
11	22UMT006	920422115012	MATHIYA VEDHA NIRANJAN.R	34	26	24	84

12	22UMT010	920422115013	MUTHU SUNDAR.S	JEYA	37	29	27	93
13	22UMT024	920422115014	PARTHIBAN.M		33	25	24	82
14	22UMT014	920422115015	PRIYADHARSHAN.S		32	24	24	80
15	22UMT012	920422115016	RAGAVARSHINI.S		34	25	25	84
16	22UMT022	920422115017	RATHIKASHREE.B		36	28	27	91
17	22UMT011	920422115018	SAHAYA SANTHOSH RAJ.S		35	27	27	89
18	22UMT001	920422115019	SASHWANTH.S		32	25	25	82
19	22UMT016	920422115020	SHIVA.R		35	27	26	88
20	22UMT007	920422115021	SRIRAM.A		30	22	20	72
21	22UMT020	920422115022	SRIRAM NARAYANAN.K		34	25	25	84
22	22UMT004	920422115023	TRISHNA.K		36	28	26	90
23	22UMT017	920422115024	VIJAI.R		34	25	25	84
24	22UMT028	920422115301	GOKUL.S		34	25	26	85
25	22UMT027	920422115302	MUTHUMANICKAM. K		33	24	23	80
26	22UMT029	920422115303	SANGARESHWARAN .B		32	23	23	78
27	22UMT025	920422115304	SANJAY KUMAR.M		32	23	21	76
28	22UMT026	920422115305	YOGACHARAN.B		32	23	20	75


Signature of Reviewer 3

Dr. P. Balasundar

HI-TECH ARAI PRIVATE LIMITED

JOINT VENTURE WITH

Arai Seisakusho Co. Ltd., Japan &

Mitsubishi Corporation, Japan

ARS-HTA
Passion for Perfection

ARS/HRD/Intern&Project/2024/008

06/07/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. A.Arunath (22UMT018) III Year BE (MECHATRONICS) student of Kamaraj College of Engineering & Technology had undergone Internship in our Engineering Department , Madurai from 20/6/2024 to 06/07/2024

His / Her Conduct & Attendance were good during the training period.



For HI-TECH ARAI PRIVATE LIMITED

V. Jaganathan
Authorised Signatory

Registered Office :

No. 33, Sarojini Street, Chinna Chokkikulam, Madurai - 625 002.

Tel : 0452 - 2536116, 2539106, 2539077, 2529956

Mobile : 98430 60696, Fax : 0452 - 2539111

Website : www.hitecharai.com e-mail : hta@hitecharai.com

CIN : U29130TN1985PTC011572 GSTIN: 33AAACH3917N1ZJ





Kay Jay

FORGINGS PRIVATE LIMITED
(UNIT-II)

(An IATF - 16949 Certified Co.)

CIN : U74899DL1983PTC029298

Date: 20.06.2024

INTERNSHIP TRAINING COMPLETION LETTER

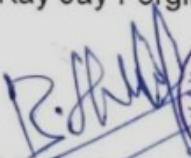
To Whomsoever It May Concern

This is to certify that, Mr.C.Balaji, Reg.No: 22UMT023, BE Second year student from Kamaraj College of Engineering & Technology, Vellakulam has successfully completed the Industrial Exposure Training program with M/s.Kay Jay Forgings Private Limited, Hosur during the period of the (03.06.2024 to 20.06.2024)

During the course of the Internship, C.Balaji has shown a willingness to learn new assignments.

We wish him all the very best for the future endeavors.

For Kay Jay Forgings Private Limited, Hosur.


B.SARAVANA PRABHU
MANAGER - HUMAN RESOURCES.



REGD. OFFICE : A-8, Mayapuri Industrial Area, Phase-I, New Delhi- 110 064. PHONES : 25440727, 25460303

E-mail : kj_ii@kayjayforgings.com Website : www.kayjayforgings.com GSTIN : 33AAACK0878P1Z6 PAN No. : AAACK0878P

Correspondence & Works : SF No. 494/2, KOTHAGONDAPALLI VILLAGE, TVS MOTOR MAIN ROAD,
DISTT. KRISHNAGIRI, HOSUR-635109, TAMILNADU.

CERTIFICATE OF INTERNSHIP COMPLETION

This certificate is given on 1st Day of July in the year 2024 to certify that

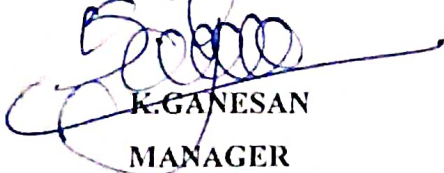
Mr. A.P BIBAKS NOBAL (Roll.No.22UMT002)

A Third Year B.E Mechatronics Engineering student of Kamaraj College of Engineering & Technology has successfully completed his internship from 13/06/2024 to 27/06/2024 at Jai Valves Centre, Viralimalai, Pudukkottai DT under the guidance of Mr. K. Ganesan, Manager/Production.

During this course of time, Mr. A.P BIBAKS NOBAL has been placed in our Machining department. He successfully participated and accomplished all of the tasks assigned. Thorough his course of time he was able to showcase his work ethic, leadership and team player skills.

We at Jai Valves Centre have thoroughly enjoyed having him as an intern and we wish him success in all his future endeavors.

Regards,


K.GANESAN
MANAGER





ACV PRODUCTS PRIVATE LIMITED

(TWO STAR Export House)

SA 8000 Certified



SA 8000
BUREAU VERITAS
Certification



FACTORY : S.F. No. 1593 /2B, VADAPUDHUPATTI, THENI - 625 531.

Ph : 9965587976, 99655 34976

E-mail acvppltd@yahoo.com, acsekar@acvmills.com

26.06.2024

To

The Principal,
Kamaraj College of Engineering & Technology,
K. Vellakulam – 625 701.

Sir,

Sub : Mr. S. Guhaneshvar, B.E. Mechatronics (Roll No.: 22UMT009) - reg.
Ref : Your letter dt.24.05.2024.

We wish to certify that Mr. S. Guhaneshvar, B.E. Mechatronics (Roll No.: 22UMT009)) has successfully completed his Internship training in our industry from 10th June 2024 to 26th June 2024.

During the training period he showed keen interest in learning the electro-mechanical systems we are implemented in our industry. He utilized the knowledge acquired in completing his training programme.

We wish him all success.

For ACV PRODUCTS (P) LTD.,


Manager

HI-TECH ARAI PRIVATE LIMITED

JOINT VENTURE WITH
Arai Seisakusho Co. Ltd., Japan &
Mitsubishi Corporation, Japan

ARS-HTA
Passion for Perfection

ARS/HRD/ST/CERTIFICATE/2024/036

26.06.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. B.Hari Krishnan (22UMT019) II Year BE (MECHATRONICS) student of Kamaraj College Of Engineering And Technology had undergone Internship in our Engineering Department, Madurai from 10/06/2024 to 26/06/2024.

His / Her Conduct & Attendance were good during the training period.



For HI-TECH ARAI PRIVATE LIMITED

V. Jeyaraj

Authorised Signatory

Registered Office :

No. 33, Sarojini Street, Chinna Chokkikulam, Madurai - 625 002.
Tel : 0452 - 2536116, 2539106, 2539077, 2529956
Mobile : 98430 60696, Fax : 0452 - 2539111
Website : www.hitecharai.com e-mail : hta@hitecharai.com
CIN : U29130TN1985PTC011572 GSTIN: 33AAACH3917N1ZJ



24.06.2024

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr.K HARIRAJAN (Roll No. 22UMT008)

Studying in B.E Mecatronics Engineering second Year student of Kamaraj College of Engineering & Technology, Virudhunagar.

He has done the "Internship Training" in our Mill from 04.06.2024 to 20.06.2024.

During the tenure of his Training, he has evinced keen interest to learn.

We wish him all success in his future endeavors.

Signature



Regd. Office :
Old No: 1680/31, New No: 994,
2nd Floor, Ramanis Regency,
Coimbatore - 641045.
Tamilnadu, INDIA.
T : +91 - 422 - 4021400-404
E : corporate@sripathi.net

Factory : I
• Sukkiravarpatti,
Sivakasi - 626 130.
Tamilnadu, INDIA.
T : +91 90470 35586, 90470 37586
E : sales@sripathi.net

Factory : II
• Rajan Nagar, Pudhuvadavalli Village,
Sathyamangalam - 638 401.
Tamilnadu, INDIA.
T : +91 98435 18444, 98435 68444
E : corporate@sripathi.net



Sugapriya

PAPER & BOARDS (P) LTD.,

H.O. 44/1, VENKATESH NAGAR
KATHIRESANKOVIL ST., KOVILPATTI.

B.O. 107/2, N. SUBBIAHPURAM - 626 205,
SATTUR (TK.), VIRUDHUNAGAR DIST.

GST No. : 33AADCS2342D1ZX

Off. : 04562 / 284608

Res. : 04632 / 222210

Date: 24-06-2024

TO WHOMSO EVER IT MAY CONCERN

This is to certify that, Mr.ISAC STEPHEN.V Reg No: 920422115008 from Kamaraj College of Engineering and Technology, Virudhunagar has successfully completed his intership project in our company from the period 31-MAY-2024 to 19-JUNE-2024.

During his tenure, we found his sincerity and commitment. We wish him all the very best for his future endeavours.

With Regards,

For Sugapriya paper and Boards (P) Ltd.,


Managing Director



ALFA DIARIES PVT. LTD.,

2/2230 A, Supreme Nagar, SIVAKASI-626 123, India.

Phone : 04562 - 278547 Mobile : +91 9443374456, +91 9487524457

E-mail: alfadiaries@gmail.com

GST No. : 33AAGCA33730123

CERTIFICATE

To

The Principal,
Kamaraj College Of Engineering & Technology,
S.P.G.Chidambara Nadar - C.Nagammal Complex,
S.P.G.C Nagar, K.Vellakulam-625701. (Near Virudhunagar)

Respected sir,

This is to certify that A.JOTHEESWARAN (Roll no: 22UMT005) studying IIrd YEAR B.E Mechatronics Engineering course in KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY, has undergone Internship Training in our organization from 30th May 2024 to 18th June 2024. His commitment and involvement in all activities are highly appreciable.

"We wish him all success in his future Endeavour".

Thanking you

With best regards ,

For ALFA DIARIES PVT. LTD.


Managing Director





26.06.2024

CERTIFICATE

This is to certify that **Ms.P.Loga Anjana (Roll No. 22UMT013)** Studying IIIrd year B.E (Mechatronics) of Kamaraj College of Engineering & Technology, K.Vellakulam – 625 701, Virudhunagar has successfully completed her 18 days Internship training in our company from 06 th June 2024 to 23 rd June 2024.

During the above period her level of commitment, Involvement and attitude were found Good.

We wish **Ms.P.Loga Anjana** all the best in her future endeavours.

With Regards,

For Sattur Sri Venkateshwara Duplex Boards Pvt. Ltd.

Authorised Signatory



S & S ENGINEERS
ELECTRICAL CONTRACTOR & PANEL BOARD MANUFACTURER

Regd. Off. : 53/1, Marudhu Nagar, Rajapalayam - 626 117. Phone : 04563 - 232004
Operation Off. : The Roses, 2nd floor, 24/2, Railway Station Road, Alandur, Chennai - 16. Phone : 044 - 455 22004

Date: 15.06.2024

CERTIFICATE OF INTERNSHIP TRAINING

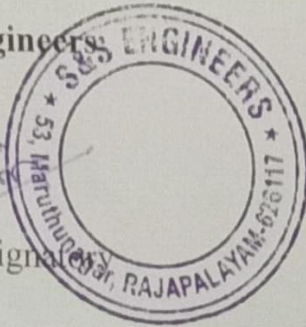
This is to certify that **Mr.R.Madhan Kumar Roll Number 22UMT015**, (B.E Mechatronics Engineering), studying in Kamaraj Collage Of Engineering & Technology Virudhunagar, S.P.G.Chidambara Nadar, C.Nagamal Campus, Vellakulam, Virudhunagar.

Working as an Internship Trainee in our Factory Division from 27th May to 12th June 2024.

During the above said period his character was GOOD.

For S&S Engineers

Authorised Sign



HI-TECH ARAI PRIVATE LIMITED

JOINT VENTURE WITH

Arai Seisakusho Co. Ltd., Japan &
Mitsubishi Corporation, Japan

ARS-HTA
Passion for Perfection

ARS/HRD/Intern&Project/2024/009

06/07/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. R.Mathiya Vedha Niranjana (22UMT006) III Year BE (MECHATRONICS) student of Kamaraj College of Engineering & Technology had undergone Internship in our Engineering Department, Madurai from 20/06/2024 to 06/07/2024.

His / Her Conduct & Attendance were good during the training period.



For HI-TECH ARAI PRIVATE LIMITED

V. Jeyaraj
Authorised Signatory

Registered Office :

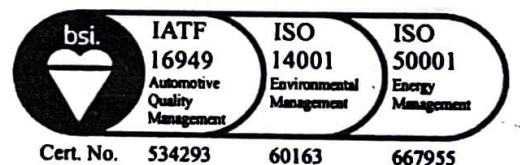
No. 33, Sarojini Street, Chinna Chokkikulam, Madurai - 625 002.

Tel : 0452 - 2536116, 2539106, 2539077, 2529956

Mobile : 98430 60696, Fax : 0452 - 2539111

Website : www.hitecharai.com e-mail : hta@hitecharai.com

CIN : U29130TN1985PTC011572 GSTIN: 33AAACH3917N1Z1





V.V. Titanium Pigments Private Limited

(AN ISO 9001 : 2015 | ISO 14001 : 2015 | ISO 45001 : 2018 CERTIFIED COMPANY)

13.06.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. S. MUTHU JEYA SUNDAR (Roll. No. 22UMT010)**, studying **II year B.E Mechatronics Engineering** at **Kamaraj College of Engineering & Technology, Virudhunagar**, has undergone the **"Internship Training"** in our organization from **28.05.2024 to 13.06.2024**.

During the Internship Training, his performance and conduct were found to be good.

We wish him all success.

For V.V. TITANIUM PIGMENTS PRIVATE LIMITED

J. THANGADURAI
GENERAL MANAGER – FINANCE & ADMINISTRATION



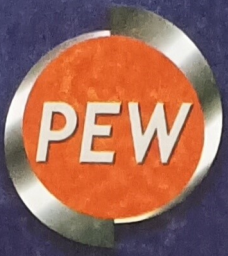
Factory : A-81, SIPCOT Industrial Complex, South Veerapandiapuram PO, Thoothukkudi - 628002. Tamil Nadu, INDIA
Phone : +91-461-2340491 / 92 / 93 / 94 / 95. Fax: +91-461-2340449 Email: info@vvtitanium.in web : www.vvtitanium.in

PAN : AADCV7723P CIN : U24110TN2011PTC082322 GSTIN : 33AADCV7723P1ZU

Registered Office : Keeraikeeranathu, Tisaiyanvilai - 627657. Tirunelveli District. Tamil Nadu, INDIA. Ph: +91-4637-272361. Fax: +91-4637-272802.

Corporate Office : New No.14, Old No. 500, Pantheon Road, Egmore, Chennai - 600 008.

"ALL CORRESPONDANCE MAY PLEASE BE ADDRESSED TO FACTORY"



PERFECT

ENGINEERING WORKS



9944563042
9940955567
9789101036

GSTIN: 33DKIPS6105K1ZX

1/120, Pandysamy Nagar, Othaveedu, Manalur, Thirupuvanam, Sivagangai (Dt.) - 630 611.

MANUFACTURING OF MATCH BOX RELATED MACHINERIES

TO WHOM IT MAY CONCERN

This is to certify that Mr/Ms.M.Parthiban (22UMT024) II Year BE (MECHATRONICS ENGINEERING) student of kamaraj college of engineering and technology had undergone Internship in our Engineering Department, Madurai from 19/06/2024 to 05/07/2024

.His/ Her conduct & Attendance were good during the training period.

We wish them all the Success.

For PERFECT ENGINEERING WORKS

Authorised Signatory




19th June, 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Priyadharshan S (22UMT014)**, II Year B.E (Mechatronics) student of Kamaraj College of Engineering and Technology, Madurai, had undergone internship in our organization from 03rd June to 18th June 2024.

We wish him all the best in all his future endeavors.

For TVS SENSING SOLUTIONS PRIVATE LIMITED


J. FRANCIS REEGAN
HEAD - HR



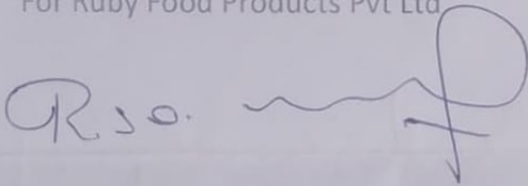
Date: 24.06.2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Ragavarshini.S pursuing third year, B.E Mechatronics Engineering Reg. No. 920422115016 at Kamaraj College of Engineering & Technology has undergone the In-plant Training at our organization from 05.06.2024 to 21.06.2024.

During this time she has exhibit great interest and enthusiasm. Wish her all the best for the future.

For Ruby Food Products Pvt Ltd



Authorised Signature

Ruby Food Products Pvt. Ltd.
A-S-2, Industrial Estate
K.Pudur, MADURAI - 625 007

SHAKTI

Shakti Cords Private Limited

Plot No. CS - 17,18, SIDCO Industrial Estate,
Kappalur, Madurai - 625 008, Tamil Nadu
Phone No. : 0452 - 2559070 E-mail : office@indtextile.in
GSTIN No. : 33AAHCS3989E1Z4 CIN No. U17297TN2003PTC051243



05/07/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Rathika Shree** has done her Internship in **M/S SHAKTI CORDS PRIVATE LIMITED**, Kappalur, Madurai from **03.06.2024** to **17.06.2024**

She has worked on understanding the technologies used in the industry and how different energy sources are used in the company.

During her internship, she has demonstrated good understanding skills with a self-motivated attitude to learn new things. Her performance exceeded the expectations and was able to understand the process successfully on time.

We wish her all the best for her future endeavours.

Warm Regards,

T.S Santharam

General Manager

Shakti Cords Private Limited

Kappalur, Madurai 625008



S & S ENGINEERS

ELECTRICAL CONTRACTOR & PANEL BOARD MANUFACTURER

Regd. Off. : 53/1, Marudhu Nagar, Rajapalayam - 626 117. Phone : 04563 - 232004

Operation Off. : The Roses, 2nd floor, 24/2, Railway Station Road, Alandur, Chennai - 16. Phone : 044 - 455 22004

Date: 15.06.2024

CERTIFICATE OF INTERNSHIP TRAINING

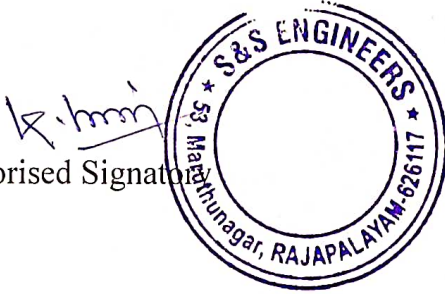
This is to certify that **Mr.S.Sahaya Santhosh Raj Roll Number 22UMT011**, (B.E Mechatronics Engineering), studying in Kamaraj Collage Of Engineering & Technology Virudhunagar, S.P.G.Chidambara Nadar, C.Nagammal Campus, Vellakulam, Virudhunagar.

Working as an Internship Trainee in our Factory Division from 27th May to 12th June 2024.

During the above said period his character was GOOD.

For S&S Engineers

Authorised Signatory





SNS AUTOMOBILES

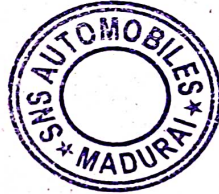


21/06/2024

TO WHOM SO EVER IT MAY CONCERN

This is certified that Mr. S.SASHWANTH (Roll No. 22UMT001) studying II year B.E Mechatronics Engineering at Kamaraj College of Engineering & Technology, Virudhunagar, has undergone the "Internship Training" in our organization from 17.06.2024 To 03.07.2024,

During the Internship Training, his Performance and conduct were found to be good,
We wish him all success.



AUTHORISED SIGNATURE

For SNS Automobiles

M. R. J.
Authorised Signatory

SNS AUTOMOBILES Authorised Dealer - Ashok Leyland Light Vehicles
No. 4/217, Madurai Dindigul Main Road, NH-7, Near Tebedhar Sandhai, TV Nallur (PO), Nagari, Madurai - 625 221.
Mobile : 91 73730 78982 | Telephone : 0452 2464365 | email : admin@snsgroups.org
GSTIN: 33ACCF56965Q1ZC

GST No : 33AWFPR1754H1ZI

CELL : 9442122426

SIVA POLY PACKS

MANUFACTURES OF POLYTHENE BAGS (COLOURED AND PRINTED)

H.O : 23,Annapillai Street , Thiruthangal – 626130.

B.O : 468 – C, Mundagan Street , Sivakasi – 626123.

21.06.2024

CERTIFICATE

This is to certify that **Mr. R.SHIVA (Roll No. 22UMT016)** , studying II year B.E Mechatronics Engineering at Kamaraj College of Engineering & Technology, Virudhunagar, has undergo the "Internship Training" in our company from 01.06.2024 to 21.06.2024.

During the internship training, his commitment and involvement in all activities are highly appreciable.

We wish him all success.

Your's Truly
For SIVA POLY PACKS

R. Ravisankar
Proprietor

R.Ravisankar

Managing Director



SRI RAM PANELS

101/5, Trivandram Road, (near Thangamayil Jewellery)
Vannarpetai, Tirunelveli-627003.

9791245456 / 9047888918 / 9047888919

sri ram panels@gmail.com GSTIN-33CKFPS8257J1ZM

Date: 10-06-2024

INTERNSHIP CERTIFICATE

This is to certify that **A.SRI RAM (ROLL.No. 22UMT007)** - Mechatronics Engineering of "**Kamaraj College Of Engineering & Technology(Autonomous)**" Vellakulam, Tamilnadu. has successfully completed his Internship Program from **27.05.2024** to **10.06.2024** in the field of **Electrical Panel Board Manufacturing** at **SRI RAM PANELS** . and as a personal contribution towards the exposure of his practical knowledge. During this period of his internship programme with us ,he was found punctual, Great working and inquisitive.

For SRI RAM PANELS



14.06.2024

CERTIFICATE

This is to certify that K. SRIRAM NARAYANAN (Roll no: 22UMT020) studying Ird YEAR B.E Mechatronics Engineering course in KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY, has undergone Internship Training in our organization from 27th May 2024 to 14th June 2024. His commitment and involvement in all activities are highly appreciable.

“We wish him all success in his future Endeavour”.

Virudhunagar,

14.06.2024

For SEGA PLASCAN EXPORTS PRIVATE LIMITED

Manager

03.07.2024

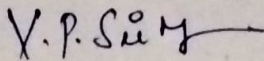
TO WHOMSOEVER IT MAY CONCERN

This is to certify that **K TRISHNA**, II Roll No, **22UMT004**, **BE MECHATRONICS** student of **KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY** had undergone Internship in our company from **13.06.2024** to **03.07.2024**.

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

We wish all success in future endeavors.

For J.K Fenner (India) Limited.,



V.P. Srimanivel
AGM – HR & Admin



SRI RAMAJAYAM

SHRI RAMALINGA MILLS PRIVATE LIMITED

(Govt. Recognised 2 Star Export House)

Phone : 91 - 04566 - 240282
Cell No. : 9965519282
E-Mail : srmaunitoffice@gmail.com
CIN No. : U17111TN1951PTC002746
PAN No. : AADCS8769A
GST No. : 33AADCS8769A1ZC

Regd. Office :
212, Ramasamy Nagar
Kalloorani (Po) - 626 105
ARUPPUKOTTAI - TALUK
Virudhunagar - District
Tamilnadu.

19.06.2024


TO WHOM SO EVER IT MAY CONCERN

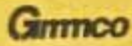
This is to certify that Mr.R VIJAI, Roll Number (22UMT017) studying in **B.E Mechatronics Engineering** Second Year student of Kamaraj College of Engineering & Technology, Virudhuangar. He has done the "Internship Training" in our Mills for the period from 03.06.2024 to 19.06.2024.

During his training conduct and character were good.

We wish his bright future and all success.

For Sri Ramalinga Mills Private Limited


Personnel Manager



Gmmco Limited
CK Birla Group
No.6, G.S.T Road, ST Thomas Mount.
Chennai - 600 016

02.07.2024

To whomsoever it may concern

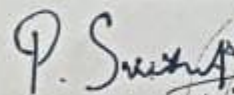
This is to certify that Mr. S.GOKUL (Roll No. 22UMT028), studying II year B.E Mechatronics Engineering at Kamaraj College of Engineering & Technology, Virudhunagar, has undergone the "Internship Training" in our company from 18.06.2024 to 02.07.2024.

During the internship training, his commitment and involvement in all activities are highly appreciable.

We wish him all success.

Yours faithfully,

For GMMCO LIMITED



P. Srinivasan
Hub Manager





Kay Jay

FORGINGS PRIVATE LIMITED
(UNIT-II)

(An IATF - 16949 Certified Co.)

CIN : U74899DL1983PTC029298

Date: 20-06-2024

INTERNSHIP TRAINING COMPLETION LETTER

To Whomsoever It May Concern

This is to certify that, Mr.K.Muthumanickam, Reg.No: 22UMT027, BE Second year student from Kamaraj College of Engineering & Technology,Vellakulam has successfully completed the Industrial Exposure Training program with M/s.Kay Jay Forgings Private Limited, Hosur during the period of the (03-06-2024 to 20-06-2024)

During the course of the Internship, K.Muthumanickam has shown a willingness to learn new assignments.

We wish him all the very best for the future endeavors.

For Kay Jay Forgings Private Limited, Hosur.

B.SARAVANA PRABHU

MANAGER - HUMAN RESOURCES.

REGD. OFFICE : A 8, Mayapuri Industrial Area, Phase I, New Delhi 110 064 PHONES : 25440777, 25480303

E-mail : kj_ii@kayjayforgings.com Website : www.kayjayforgings.com GSTIN : 33AAACK0878P128 PAN No : AAACK0878P

Correspondence & Works : SF No. 494/2, KOTHAGONDAPALLI VILLAGE, TVS MOTOR MAIN ROAD,
DISTT. KRISHNAGIRI, HOSUR-635109, TAMILNADU

R.P. Plastics

Mfrs: Quality Plastic Articles

Phone : 0452 2489526

0452 2487446

Cell : 98421 62526

D-24-A, SIDCO Industrial Estate,
Kappalur, MADURAI - 625 008

Date : 19-06-2024

CERTIFICATE

This is certify that **Mr. B. Sangareshwaran** (Reg no: 22UMT029), **Second year Mechatronics Engineering** student of **Kamaraj College of Engineering & Technology** . He has undergone Internship training in our Plastic Product manufacturing unit from **05.06.2024 to 19.06.2024**.

He has shown keen interest on learning and applying her knowledge in the related subject.

We wish him all success for future endeavors.

Thank you

for R.P. PLASTICS

D. Dixit
Partner



GEOMETRIC PRECISION MACHINING TECHNOLOGIES

C-9, The Madurai Automobile Co-op. Industrial Estate,
Kappalur, Madurai-625 008 Tamilnadu. India

Ph: 0452-2482103 ■ Mob: 9486976384 ■ E-mail: geometricpmt@gmail.com ■ GSTIN : 33CUCPK4173N1ZE

Date : 27/06/2024

CERTIFICATE

This is to certify that M. SANJAY KUMAR (Roll No:22UMT025) studying IInd YEAR B.E Mechatronics Engineering course in KAMARAJ COLLEGE OF ENGINEERING TECHNOLOGY, has undergone Internship Training in our organization from 11th June 2024 to 27th June 2024. His commitment and involvement in all activities are highly appreciable.

MADURAI,
27/06/2024



THANGABALA POLY PACK

MANUFACTURERS OF POLYTHYLENE AND POLY PROPYLENE BAGS (COLOURED & PRINTED)

Plot No.62 & 63, TANSIDCO Urban New, Alagapuri Road,
Virudhunagar - 626005

Date : 14.06.2024

To
The Principal,
Kamaraj College Of Engineering & Technology,
S.P.G.Chidambara Nadar – C.Nagammal Complex,
S.P.G.C Nagar,
K.Vellakulam – 625701. (Near Virudhunagar)

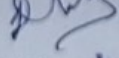
Respected Sir,

We, Thangabala Poly Pack, Plot No.62 & 63, TANSIDCO Urban New, Alagapuri Road, Virudhunagar hereby certify that your student Mr.B.Yogacharan Roll No.: 22UMT026 of Mechatronics Engineering Department of Academic Batch 2023 - 2026 did Internship in our Rotogravure Printing unit from 25/05/2024 to 14/06/2024.

Thanking you,

Yours Truly,

For THANGABALA POLY PACK

D.Balaji, 
Managing Partner, Partner
Thangabala Poly Pack,
Virudhunagar.