

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

3.5.1 The number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the-job training, research and other academic activities during the last five years

Note: The supporting documents for this metric exceed the upload limit of 5Mb. Hence the documents are made available in HEI website and links for the metric is given below.

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METRIC	PARAMETER	LINK TO RELEVANT DOCUMENTS
3.5.1	The number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five	<u>VIEW DOCUMENTS</u>



Dr.R.PANNEERDHASS,M.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



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3.5.1: Number of functional MoUs / linkages with institutions / industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Details	AcademicYear					
Domis	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019	
Number of functional MoUs	7	5	7	1	1	
Total Number of MoUs	per of MoUs 21					

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Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM.
KAPPIYAMPULIYUR PO ,
VILLUPURAM-605-6012



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3.5.1 Number of MOUS, collaboration/linkages for faculty exchange, student exchange, field trip, on-the-job training, research and other academic activities during the last five years.

S. N O	Name of the MOU /collaborati on/linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	year of signing MOU	Purpose of the MoU/Linkage (Internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MOU	List the actual activities undue each MOU and web-links year-wise	Link to the relevant documents
1.	Seminar for students	AVA software pvt ltd: Sridevi Mogilineedi, Director,	3 <sup>rd</sup> January,2 019	seminar	June,2022	<u>view</u>	<u>view</u>
	b	Bayline infocity limited, 1st floor,block 2, 33 ,Rajiv Gandhi salai, Navalur, Chennai-600130	1	*	*	-	
2.	Internship training for students	Worksboat application pvt ltd, Carevoyant campus, 4 <sup>th</sup> Man road, sipcot it park, siruseri, omr, Chennai-603103.	November i, 2020	Internship training	Longtime	view	view
3.	Seminar for students	As soft technologies, Mr.k.shakthivel, Director, chennai	6 <sup>th</sup> feb,2021	seminar	5 years	view	view
4.	Seminar for students	Whirl pool technologies: Mr.sakthivel, Director,	6 <sup>th</sup> feb,2021	seminar	5 years	view	view



DI. R. PANNEERDHASS, M.E., Ph D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAVA L' DDIAMBIN IN

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					1		
		chennai					
5.	Internship training for students	M/S Bright brothers Ltd: 1/4 Mannadipet, Thirubhuvanai, Puducherry-605107	27,August 2021	Internship training	4 years	view	view
6.	Internship training for students	M/S Swastik	27,August 2021	Internship training	4 years	view	vieu
7.	Seminar for students		27,August 2021	seminar	4 years	view	rieu
8.	Internship Training for students	M/S Rane (Madras)	27,August 2021	Internship Training	4 years	view	view
9.	Internship Training for students	M/S M.K Tron Auto Parts Pvt Ltd:82 A & B Industril estate, Thirumudivakkam, chennai-600044	27,August 2021	Internship Training	4 years	view	view
10.	Seminar for students	Sri Rangapoopathi college of Engineering: Mr.J.Jayaprakash, Managing director, c-6,vathiyar govindaraj street, Jothi Nagar, Arcot-632503	3 <sup>rd</sup> june,2022	seminar	lyear	view	Tigh



Dr. R. PANNEERDHASS, M.E., Ph O. PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR PO ... VILLUPURAM-605 60:



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11.	Skill based training for students	VEI technologies private limited: Babu Ezhilavan, Director, programmes	3 <sup>rd</sup> October,2 022	Skill based training	June, 2025	<u>view</u>	view
12.	Internship training for students	Net link digital india pvt ltd: Mr.Abinash, Director, chennai	10 <sup>th</sup> jan,2022	Internship training	Longtime	view	<u>view</u>
13.	Internship Training for students	SS Trading corporation: Mrs.J.shivashankari, Managing Director, SF 232 Fourth cross, Vanapadi road, sipcot, Ranipet-632403.	4 <sup>th</sup> April,202 2	Internship Training	Longtime	view	<u>view</u>
14.	Internship training for students	Zaphire Information technology and services private limited: Shakthi towers-1, 766 Anna salai, chennai -600002	16,Novem ber 2022	Internship training	Long term	view	<u>view</u>
15.	Internship training for students	13 Autosys private limited, chennai	6,March 2023	Internship training	4 years	view	<u>view</u>
16.	Internship training for students	Robotics Foundation Of Tamilnadu, Kallakurichi.	6,March 2023	Internship training	3 years	<u>view</u>	view
17.	Internship training for students	Vector services solutions, puducherry	3, April 2023	Internship training	3 years	<u>view</u>	view
18.	Internship Training for students	S & H technology pvt ltd	6,March 2023	Internship Training	4 years	<u>view</u>	view



Dr.R.PANNEERDHASS,M.E.,Ph.D., **PRINCIPAL** A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM KAPPIYAMPULIYUR : FILLUPURAM-605 0. ..



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19.	Seminar for	Bhumi :	5 <sup>th</sup>	seminar	3 Years	view	view
	students	3/2,karpaga	oct,2023				
		vinayaga koil street,					
		Alandur,					
		Chennai,					
		Tamilnadu-600016					
20.	Internship	Shri sai NDT :	20 <sup>th</sup>	Internship	Longtime	<u>view</u>	<u>view</u>
	Training for	Kamban st,	April,202	Training			
	students	3 <sup>rd</sup> cross,	3			,	
		subbiah nagar,				4	1
		pudhucherry-605001					
21.	Intenship	Village Technology	6 <sup>th</sup>	Intenship	4years	<u>view</u>	<u>view</u>
	training for	school:	March,20	training		~	
	students	chennai	23				



Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM KAPPIYAMPULIYUR PC VILLUPURAM-605 60%.



தமிழ்நாடு तिनलनाडु TAMIL NADU

Date: 03.01.2019

The Chairman, D.R. Engireoring College, Kappiyamputiyus. 19AC 311892

ை தாயேரைத்றன், மு.தா.வி.எண். 997/C1/14 49, வடக்கு அய்யனார்களம் தெரு, விமூப்புதம், தமிழ்நாடு.

# MEMORANDUM OF UNDERSTANDING

BETWEEN

A.R.ENGINEERING COLLEGE AND

AVA SOFTWARE PVT LTD

## PARTIES:

2019

EPUP

## A.R.ENGINEERING COLLEGE

A.R Engineering College, which was set up in 2008, has laid the foundation of modern engineering education. Over the years, A.R Engineering College has evolved to reach and hold a unique position of pride in the technical education system in India. This college is known all over India for providing quality, technological and scientific education.

VILLUPURAM 605 601



Dr.R.PANNEERDHASS,M.E.,Ph.D..
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



A.R Engineering College had a rich heritage of the past and had its standing as one of the best engineering colleges in Villupuram. As of now, A.R Engineering College has 6 academic departments supported by the several service centers like Computer Centre. Instrumentation Centre and Central Library The Institute offers 6 undergraduate (BE) courses in Engineering ie., Computer science and Engineering, Civil Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering and Artificial intelligence & Emp; Data Science.

AVA Software Pvt Ltd is working towards providing holistic education and creating sustainable livelihoods for under- privileged students. AVA Software. Pvt Ltd. has launched a free skill upgradation program focused on upskilling youth from marginalized or weaker sections. As a part of the initiative, we will be providing skill training in various IT skills, Software Skills, Soft skills and interview preparedness which will help them become job-ready.

The partnership between AVA Software, Pvt Ltd. and A.R. Engineering college is aimed at providing a free skill up-gradation to the underprivileged students of the college as a step towards making them aware of the opportunities in their interest areas and guiding them to pursue their dream career by attaining necessary skills and knowledge through qualified trainers.

## Objective of AVA Software Pvt Ltd :

AVA Software Pvt Ltd., as an implementation partner, is very keen on upskilling youth from marginalized or weaker sections. AVA Software Pvt Ltd believes that students from economically weaker sections need to be empowered so that they can tap their potential in their field of study. AVA Software Pvt Ltd would be facilitating skill upgradation sessions for the underprivileged students through the partner & amp; volunteer network.

### Details of the Partnership:

- · A.R. Engineering college along with the trainer identified will be monitoring the student attendance and retention and will be responsible for updating in the data management system provided by AVA Software, Pvt Ltd
- Trainer(s) will be paid by AVA Software Pvt Ltd according to the company policies. A.R. Engineering college need not pay the trainer during the entire period
- · Mode of payment will depend on the flexibility of the trainer and the A.R. Engineering college if the trainer is selected by the them
- If AVA Software Pvt Ltd is selecting the trainer, AVA Software Pvt Ltd will be responsible for the payment to the respective trainer allocated for the college
- AVA Software Pvt Ltd will be conducting various guest lectures, soft skills sessions and mock interviews to prepare the students for interviews during the period of training
- AVA Software Pvt Ltd will collaborate with its partner corporate in conducting job fairs / campus drives during or after the training period





HASS.M.E.,Ph D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST. VILLUPURAM-605 601



## suration of the Agreement:

The agreement between AVA Software Pvt Ltd. and A.R. Engineering college is effective from July 2019 to June 2022.

This Agreement in its original form will remain in full force and effect except when Partners desire to amend the current Agreement to reflect a new understanding. Any amendment agreed upon will not take effect without the written and signed consent of both Partners.

Signed and made effective on 03.01.2019

For and on behalf of

A.R. Engineering college

Address:

Vadakuchipalayam,

Kappiyampuliyur Post,

Vikkarayandi TK.

Villupuram - 605601.

For and on behalf of

AVA Software Pvt Ltd

Address:

Bayline Infocity Limited, 1st Floor, Block 2,

33, Rajiv Gandhi Salai,

Navalur, Chennai-600 130

Signature

Dr.R.PANNEERDHASS

PRINCIPAL

A.R.ENGINEERING COLLEGE

Signature

Sridevi Mogilineedi

Director, Programmes

AVA Software Pvt Ltd



Dr.R.PANNEERDHASS,M.E.,Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### AVA SOFTWARE PVT LTD

As soft technologies has been a training provider for the last Some years and Our college AR ENGINEERING COLLEGE students had participated for hands on training for which they assessed and updated our students technical skills.

From

Mr.R.UDAYAKUMAR,

HOD /EEE,

Dept. of Electrical and Electronics Engineering,

AR ENGINEERING COLLEGE,

kappiampuliyur.

To

The Chairman,

AR ENGINEERING COLLEGE,

kappiampuliyur.

Through Proper Channels,

Respected Sir,

Sub: Request permission to conduct a Seminar on "POWER SYSTEM TRANSIENT" for Department of Electrical and Electronics Engineering students of our institute - reg.

It is pleasure to inform you that Department of EEE has planned to conduct a Seminar on "POWER SYSTEM TRANSIENT" at 09.30 AM to 4.00 PM on 10.05.2022. This seminar focuses on various aspects of power system analysis for its fault analysis types involving z bus and y bus algorithm so that fault current can be identified for its various types of fault. So, we kindly request you to grant us permission to conduct the programme. The Schedule and proposal of the programme is enclosed with this letter for your kind persual. and permission. Kindly do the needful.

COORDINATOR

Approved by



Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM.
VADAKUCHIPALAYAM.
KAPPIYAMPULIYUR PGST.
KAPPIYAMPULIYUR 605 601.

PRINCIPAL





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From
R.UDAYAKUMAR,
HOD/EEE,
Department of Electrical and Electronics Engineering,
kappiampuliyur.
то
Mr.R.RAMKUMAR,
B.E Trainer,
AS SOFT TECHNOLOGIES ,
CHENNAI
•
Respected sir,
Sub: Inviting as a resource person for the programme conducted by Dept of EEE Engineering - Reg
******* *** ****Warm greetings from AR ENGINEERING COLLEGE, Kappiampuliyur****
I am writing this invitation letter to you to fee up.

I am writing this invitation letter to you to formally invite you to the seminar on "POWER SYSTEM TRANSIENT" which has been scheduled on 10.05.2022 from 09.30 am to 04.00 p.m. In this regard, we would like to request you to be as a guest speaker for the said event to share your knowledge to all of the education participants.

Your favourable response regarding this request will be highly appreciated.

Thanking you,

WILLUPURAN CO 605 605 605

With Regards,

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,





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#### **RESOURCE PERSON PROFILE**

Name of the resource person	Mr.R.KANNAN
Designation	AVA SOFTWARE PVT LTD
Working Experience	5 Years
Educational Qualification	B. Tech.,

Experimental Electrical Engineer with a demonstrated history of working in the Electrical Skilled in Site Management, Team Organizing, Time Managing, Contented, Effective Designing, Strong Engineering Professional with a Bachelor of Engineering Focused in Electrical and Electronics Engineering.

VILLUPURAN CO 605 601 ACT

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**CIRCULAR** 

Date: 02.02.2022

It is hereby informed that our college is going to conduct a Seminar on "POWER SYSTEM TRANSIENT "for EEE students of our institute on 10.05.2022 at 09.30 am to 04.00 pm. All the EEE students and faculty members are cordially invited to attend this seminar. All the students and staff members are expected to give their fullest co-operation towards the smooth conduction of program.

#### Copy to:

- 1. Chairman
- 2. Principal
- 3. All Department HoD's
- 4. All Class Advisor
- 5. Main Notice Board/ Library Notice Board/ Office Notice Board
- 6. IQAC

#### Circular to:

- I. All staff members
- 2. Ail Students of EEE dept

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## ATTENDANCE FOR SEMINAR ON Date:03.03.2022

"POWER SYSTEM ANALYSIS"

Time: 09.30 am

Name of the Selected Spoke College: A.R ENGINEERING COLLEGE, KAPPIAMPULIYUR

## REPORT OF THE PROGRAMME SEMINAR

Date of Activity	10.05.2022 Time: 9.30 am to 04.00 pm
Venue of Activity	Seminar Hall
Activity Coordinators	<ol> <li>1.power System problem could be as subtle as a light that dims every time a large motor starts or as catastrophic as equipment.</li> <li>2. Designed to store energy, both capacitors and batteries can effectively counteract undesirable electrical characteristics.</li> <li>3. Reducing the real and reactive power losses</li> </ol>
Speaker	Mr.R.KANNAN,AVA SOFTWARE PVT LTD
Participants	6 Faculty Members along with Students
Outcome and takeaways	1.Differentiate between different types of power system analysis regarding its various types of faults.

A.R ENGINEERING COLLEGE, Department of Electrical and Electronics Engineering organized a Seminar on Power System analysis. MR.K.KANNAN, AVA SOFTWARE PVT LTD was the expert speaker on the occasion. The Seminar intended to tell about how to assess the power system fault analysis regarding all types of faults over it that is happened at some time in the system and also known the issues and solutions in emergency period. And to this course on Electrical power system regarding fault analysis in various aspects. Students of Electrical Engineering have to undergo this course as a subject in eighth semester.

It is needless to mention that how much we are dependent on electricity in our day to day life. A reasonable understanding on the basics of different problems and their solutions to applied electricity is therefore important for an electrical engineer. This paper will help the students know different power quality problems occurring in power system and provide brief idea about their Solutions With comparative study

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## III YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420319105301	BALAKRISHNAN V	Ь
2	420319105302	KRISHNARAJ R	6
3	420319105303	LASARVIJAY B	0

## IV YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420318105001	DHARANEESHKUMAR R	P
2	420318105002	GAYATHRI M	- P

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A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM.
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VILLUPURAM-605 601.





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# A. R.ENGINEERING COLLEGE

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## **CERTIFICATE OF PARTICIPATION**

This is to certify that BA 0805.2022 to 10.05.2022 reg	LAKRISHNAN V has partici garding power system analysis which was	pated in seminar Programme from conducted at AVA SOFTWARE PVT
10.05.2022	SRIDEVI MOGILINEEDI	
		AVA SOFTWARE LTD
Date	The Director	

Dr.R.PANNEERDHASS, M.E., Ph.O.,
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A.R.ENGINEERING COLLEGE
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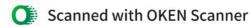
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## CERTIFICATE OF PARTICIPATION

	RISHNARAJ R has participgarding power system analysis which was	
10.05.2022	SRIDEVI MOGILINEEDI	
		AVA SOFTWARE LTD
Date	The Director	

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM.
KAPPIYAMPULIYUR PORINCIPALAYAM.
VILLUPURAM-605 607







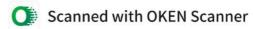
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#### **CERTIFICATE OF PARTICIPATION**

This is to certify that 0805.2022 to 10.05.2022 r	LASARVIJAY B has particip regarding power system analysis which wa	pated in seminar Programme from as conducted at AVA SOFTWARE PVT
10.05.2022	SRIDEVI MOGILINEEDI	•
	······································	AVA SOFTWARE LTD
Date	The Director	

Dr.R.PANNEERDHASS,M.E.,Ph.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM.
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 bu.).







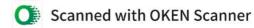
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#### CERTIFICATE OF PARTICIPATION

This is to certify that from 0805.2022 to 10 SOFTWARE PVT LTD	DHARANEESHKUMAR Rhas p 0.05.2022 regarding power system analysis	articipated in seminar Programme which was conducted at AVA
10.05.2022	SRIDEVI MOGILINEEDI	
		AVA SOFTWARE LTD
Date	The Director	

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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## CERTIFICATE OF PARTICIPATION

This is to certify that 0805.2022 to 10.05.2022 re	GAYATHRI M has participe garding power system analysis which was	ated in seminar Programme from conducted at AVA SOFTWARE PVT
10.05.2022	SRIDEVI MOGILINEEDI	
		AVA SOFTWARE LTD
Date	The Director	ATT SOLITOR AND LID

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.









## MEMORANDUM OF UNDERSTANDING (MoU)

## BETWEEN

## A.R ENGINERINGCOLLEGE

Vadakuchipalayam, Kappiyampuliyur Post, Villupuram-605601

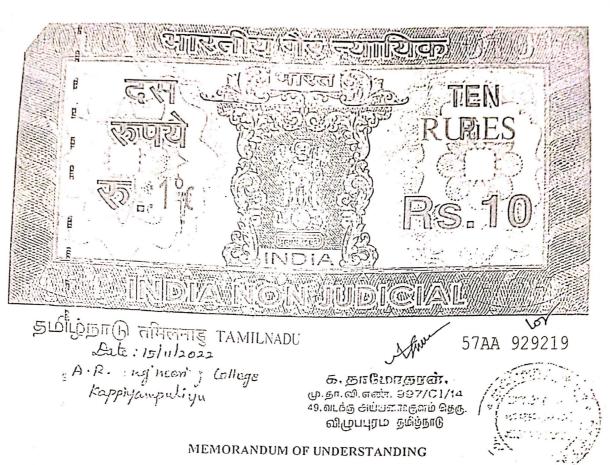
## **AND**

# WORKSBOAT APPPLICATION PVT LTD



Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,





## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 16 day of November, 2020 by and between

A.R. ENGINEERING COLLEGE, Villupuram, the First Party represented herein by its Dr. R.PANNEERDHASS, Principal (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

#### AND

WORKSBOAT APPLICATION PRIVATE LIMITED (U72900TN2021PTC140751), THE SECOND PARTY, and represented herein by its DIRECTOR DIVAN GAMALIEL, (hereinafter referred to as include its successors-in-office, administrators and assigns).

First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'party'



Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

The First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities to benefit students and job seekers.

The Parties intend to cooperate within the area Assistance and Internships, of Skill-Based Training and Placement Now, therefore, in consideration of the mutual promises set forth in this MoU, the parties here too agree as follows:

## 1. SCOPE OF THE MOU

- 1.1 Co-operation and Collaboration: The students from the institution can play a key role in technological upgradation, innovation, and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge and career prospects.
- 1.2 Placement of Trained Students: The Second Party will actively engage to help in the placement of the students of the First Party in suitable jobs and internships.
- 1.3 There is no financial commitment on the part of either party in the scope of these assisted placement initiatives offered by the Second Party. The placement assistance offered is subject to the following terms:
- 1.3.1 To be considered for placement assistance /Internship, students must be registered in the Worksboat platform.
- 1.3.2 Students must create a VIDEO resume using the available templates on the Worksboat app.
- 1.3.3 All VIDEO resumes must be in English, and meet the minimum quality criteria as ascertained and checked by Worksboat's representatives regarding aspects like completeness, the accuracy of the information, quality of audio and video etc.
- 1.3.4 Worksboat's computer algorithm and its representatives will screen and shortlist the students for various available opportunities based on skills, experience, job location, and any other fitment parameters necessary.
- 1.3.5 While the intent is to place as all qualified students as possible, there is no assurance from the Second Party on placement outcomes since this depends on a host of factors and fitment criteria.
- 1.3.6 If a student is successfully placed in a job/program/internship in which the client trains students/invest money in skill up-gradation but chooses to leave the job/program within 3 months from the start date for whatever reason OR is asked to leave for reasons of performance, conduct or any other reason, the First Party agrees to offer a suitable replacement candidate as soon as possible.

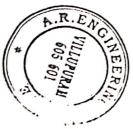
#### 2. INTELLECTUAL PROPERTY

2.1 Nothing contained in this MOU shall, by express grant, implication, estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how. inventions, patents, copyrights and designs) of the other Party.

#### 3. VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, both Parties will take effective steps for implementation of this MOU. Any act on the part of either party after termination of this Agreement by way of communication, correspondence, etc., shall not be construed as





Dr.R.PANNEERDHASS,M.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



3.2 Both Parties may terminate this MOU upon 30 calendar days' notice in of termination, both parties must discharge their obligations as mutually discussed, writing. In the event of termination, both parties must discharge their obligations as mutually discussed.

#### 4. NON-CIRCUMVENTION

4.1 The First Party agrees not to engage with, directly or indirectly, the clients of the Second Party while the MOU is active.

## 5. RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

5.2 It is also agreed that the First Party agrees to have the Second Party use the logo and branding for marketing purposes on the website, brochures, social media, and other media events to help get the required visibility and exposure for the students.

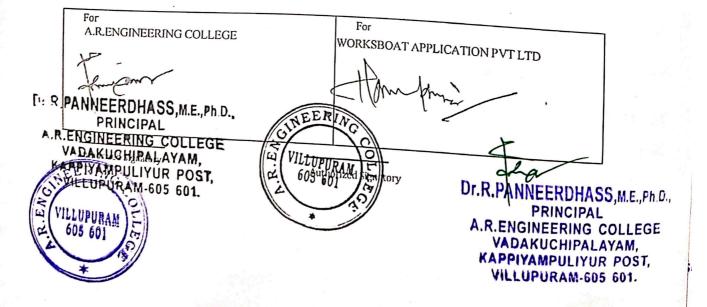
First Party

Second Party

A.R.ENGINEERING COLLEGE		
	WORKSBOAT APPLICATION PVT LTD	
Vadakuchipalayam,	Carevoyant campus,	
Kappiyampuliyur,	4th Man Road, SIPCOT IT Park,	
Villupuram-605601	SIRUSERI, OMR, Chennai – 603 103.	
	Tamil Nadu, India.	
-	CIN: U72100TN2014PTC094454	

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act,1996. The place of the arbitration shall be at District Head Quarters of the Second Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Chennai.

## AGRFFD:



A.R.ENGINEERING COLLEGE	WORKSBOAT APPLICATION PVT LTD
Vadakuchipalayam,Kappiyampuliyur Post,Villupuram- 605601	4th Man Road, SIPCOT IT Park, SIRUSERI,OMR.Chennai-603103
Contact Details:9443070067	Contact Details:+91-8489929826
E-mail:arec.svet@gmail.com	E-mail:divan@worksboat.live
Web:www.arenggc.com	Web:www.worksboat.live

WITNESS





Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST. VILLUPURAM-505 601.

10:



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## WORKSBOAT APPLICATION PVT LTD

From

Mr. N.MUTHUKUMAR,

Head of the department,

Department of CSE,

AR ENGINEERING COLLEGE.

Kappiampuliyur.

TO

The Principal,

AR ENGINEERING COLLEGE,

Kappiampuliyur.

Respected Sir,

Sub: Requesting permission for Industrial Visit - Reg

Our Final year of CSE department students are planned for Free skill training and job readiness program on 14.04.2023. They are in willing to attend it since the skill free training will be helpful for the students to enhance their skill regarding placement and all activities to be involved.so please, Kindly do the needful.

Thanking you,

Yours Faithfully,

(R.UDAYAKUMAR)

Dr.R.PANNEERDHASS,M.E.,Ph O.,
PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.







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## **Department of computer science Engineering**

**Permission Letter** 

From

N.MUTHUKUMAR,

Head of the Department,

Department of CSE,

AR ENGINEERING COLLEGE,

Kappiyampuliyur

TO

The director,

WORKSBOAT APPLICATION PVT LTD,

4TH main road,

Sipcot IT park,

Siruseri.

Respected Sir/Madam,

Sub: Permission for an Industrial Visit at WORKSBOAT APPLICATION PVT LTD- Regarding

Greetings from AR ENGINEERING COLLEGE

The B. E - CSE students have an industrial visit as a part of our syllabus. In this regard, I request you to grant permission for IV students and 3 staff members to visit the WORKSBOAT APPLICATION PVT LTD to be held on 14.04.2023 for the students skill improvement. I would be very much thankful if you could grant permission to attend it with kind request. We would be great full for favorable response

Thanks & regards

N.MUTHUKUMAR M.E.,

EERDHASS,M.E.,Ph Dr.R.PAN VADAKUCHIPALAYAM, YAMPULIYUR POST, VII LUPURAM.605 601.









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## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

#### SKILL BASED TRAINING REPORT

Y ear/Sem: IV/VII

Visited date: 14.04.2023

Company Name: WORKSBOAT APPLICATION PVT LTD

Our college has organized an skill improvement training for the students on 14th April 2023 for the Final year students of CSE department. This well-known establishment will improve the students skill.

Worksbot is a best solutions and development company specializing in Artificial Intelligence (AI) & Machine Learning technologies. Worksbot was created to leverage technology to empower creative minds all over the world. Worksbot has delivered more than 600 projects, to over 200 clients worldwide. Many Fortune 100 companies in retail, banking, Automobile, healthcare and so on are powered by our solutions to streamline and leverage their growth.



Dr.R.PANNEERDHASS,M.E.,Ph.O.,
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VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM.605 601.





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IV YEAR CSE NAME LIST 2018-19

	IV YEAR CSE NAME EIST 2020		
S.NO	REG.NO	STUDENT NAME	0
1		SARASWATHY.V	P
2		DHIVYA.D	P
3		JAYARAJ J	P



Dr.R.PANNEERDHASS,M.E.,Ph A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAMIGAE 601.



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## AS SOFT TECHNOLOGIES

As soft technologies has been a training provider for the last Some years and Our college AR ENGINEERING COLLEGE students had participated for hands on training for which they assessed and updated our students technical skills.

From

Mr.R.UDAYAKUMAR,

HOD /EEE,

Dept. of Electrical and Electronics Engineering,

AR ENGINEERING COLLEGE,

kappiampuliyur.

To

The Chairman,

AR ENGINEERING COLLEGE,

kappiampuliyur.

Through Proper Channels,

Respected Sir,

Sub: Request permission to conduct a Seminar on "POWER SYSTEM ANALYSIS" for Department of Electrical and Electronics Engineering students of our institute - reg.

It is pleasure to inform you that Department of EEE has planned to conduct a Seminar on "POWER SYSTEM ANALYSIS" at 09.30 AM to 4.00 PM on 03.03.2022. This seminar focuses on various aspects of power system analysis for its fault analysis types involving z bus and y bus algorithm so that fault current can be identified for its various types of fault. So, we kindly request you to grant us permission to conduct the programme. The Schedule and proposal of the programme is enclosed with this letter for your kind persual, and permission. Kindly do the needful.

COORDINATOR

Approved by

A.R.ENGINEERING COLLEGE



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

From
R.UDAYAKUMAR,
HOD/EEE,
Department of Electrical and Electronics Engineering,
kappiampuliyur.
ТО
Mr.R.RAMKUMAR,
B.E Trainer,
AS SOFT TECHNOLOGIES ,
CHENNAI
Respected sir,
Sub: Inviting as a resource person for the programme conducted by Dept of EEE Engineering - Reg
******* *** ****Warm greetings from AR ENGINEERING COLLEGE, Kappiampuliyur****
I am writing this invitation letter to you to formally invite you to the seminar on "POWER SYSTEM ANALYSIS" which has been scheduled on 03.03.2022 from 09.30 am to 04.00 p.m. In this regard, we would like to request you to be as a guest speaker for the said event to share your knowledge to all of the education participants.
Your favourable response regarding this request will be highly appreciated

Thanking you,

With Regards,









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#### **RESOURCE PERSON PROFILE**

Name of the resource person	Mr.R.RAMKUMAR
Designation	AS SOFT TECHNOLOGIES, CHENNAI
Working Experience	5 Years
Educational Qualification	B. Tech.,

Experimental Electrical Engineer with a demonstrated history of working in the Electrical Skilled in Site Management, Team Organizing, Time Managing, Contented, Effective Designing, Strong Engineering Professional with a Bachelor of Engineering Focused in Electrical and Electronics Engineering.



ÑNEERDHASS,M.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST. VILLUPURAM-605 601.





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**CIRCULAR** 

Date: 02.02.2022

It is hereby informed that our college is going to conduct a Seminar on "POWER SYSTEM ANALYSIS "for EEE students of our institute on 03.03.2022 at 09.30 am to 04.00 pm. All the EEE students and faculty members are cordially invited to attend this seminar. All the students and staff members are expected to give their fullest co-operation towards the smooth conduction of program.

#### Copy to:

- 1. Chairman
- 2. Principal
- 3. All Department HoD's
- 4. All Class Advisor
- 5. Main Notice Board/ Library Notice Board/ Office Notice Board
- 6. IQAC

## Circular to:

- I. All staff members
- 2. Ail Students of EEE dept



PANNEERDHASS,M.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST. VILLUPURAM-605 666





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## ATTENDANCE FOR SEMINAR ON Date:03.03.2022

"POWER SYSTEM ANALYSIS"

Time: 09.30 am

## Name of the Selected Spoke College: A.R ENGINEERING COLLEGE, KAPPIAMPULIYUR

#### REPORT OF THE PROGRAMME SEMINAR

Date of Activity	03.03.2022 Time : 9.30 am to 04.00 pm	
Venue of Activity	Seminar Hall	
Activity Coordinators	1.power System problem could be as subtle as a	
	light that dims every time a large motor starts or	
	as catastrophic as equipment.	
	2. Designed to store energy, both capacitors and	
	batteries can effectively counteract undesirable	
	electrical characteristics .	
	3. Reducing the real and reactive power losses	
Speaker	Mr.R.RAMKUMAR,As soft technologies ,chennai	
Participants	6 Faculty Members along with Students	
Outcome and takeaways	1.Differentiate between different types of power system analysis regarding its various types of faults.	

A.R ENGINEERING COLLEGE, Department of Electrical and Electronics Engineering organized a Seminar on Power System analysis. MR.R.RAMKUMAR, As soft technologies, chennai was the expert speaker on the occasion. The Seminar intended to tell about how to assess the power system fault analysis regarding all types of faults over it that is happened at some time in the system and also known the issues and solutions in emergency period. And to this course on Electrical power system regarding fault analysis in various aspects. Students of Electrical Engineering have to undergo this course as a subject in eighth semester.

It is needless to mention that how much we are dependent on electricity in our day to day life. A reasonable understanding on the basics of different problems and their solutions to applied electricity is therefore important for an electrical engineer. This paper will help the students know different power quality problems occurring in power system and provide brief idea about their Solutions With comparative study



PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST,

VILLUPURAM-605 601.



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## III YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
,	420210105201	DALAW DIGIPLANIA	8
1	420319105301	BALAKRISHNAN V	0
2	420319105302	KRISHNARAJ R	-
3	420319105303	LASARVIJAY B	P

## IV YEAR EEE NAME LIST 2022-23

S.NO	REG NO	· NAME	\
1	420318105001	DHARANEESHKUMAR R	6
2	420318105002	GAYATHRI M	P

VILLUPURAM 605 601 CO

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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## CERTIFICATE OF PARTICIPATION

		has participated in seminar Programme from which was conducted at As soft technologies,
27.11.2021	MR.K.SAKTHIVEL	
		AS SOFT TECHNOLOGIES
Date	The Director	



Dr.R.PANNEERDHASS, M.E., Ph. D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

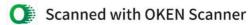


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## CERTIFICATE OF PARTICIPATION

This is to certify that BALAKRIS 22.11.2021 to 27.11.2021 regarding p chennal.	HNAN V has pa	rticipated in seminar Programme from was conducted at As soft technologies,
27.11.2021	MR.K.SAKTHIVEL	
 Date		AS SOFT TECHNOLOGIES
Date	The Director	







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## **CERTIFICATE OF PARTICIPATION**

This is to certify that BALAKRIS 22.11.2021 to 27.11.2021 regarding p chennai.	HNAN V has partic	ipated in seminar Programme from sconducted at As soft technologies,
27.11.2021	MR.K.SAKTHIVEL	
		AS SOFT TECHNOLOGIES
Date	The Director	





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#### **CERTIFICATE OF PARTICIPATION**

This is to certify that BALAKRIS 22.11.2021 to 27.11.2021 regarding p chennal.	IINAN V has partioner system analysis which wa	cipated in seminar Programme from as conducted at As soft technologies,
27.11.2021	MR.K.SAKTHIVEL	
		AS SOFT TECHNOLOGIES
Date	The Director	





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### CERTIFICATE OF PARTICIPATION

This is to certify that BAL. 22.11.2021 to 27.11.2021 rega chennal.	AKRISHNAN V rding power system analysis	has participated in seminar Programme from which was conducted at As soft technologies,
27.11.2021	MR.K.SAKTHIVEL	
		AS SOFT TECHNOLOGIES
Date	The Director	

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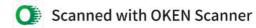


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### **CERTIFICATE OF PARTICIPATION**

		s participated in seminar Programme from ich was conducted at As soft technologies,
27.11.2021	MR.K.SAKTHIVEL	
		AS SOFT TECHNOLOGIES
Date	The Director	







தமிழ்நாடு तमिलनाडु, TAMIL NADU Date: 16/10/2023

19AC

ை காயோகான். மு.தா.வி.எண். 997/C1/14 19, வடக்கு அய்யனார்குளம் தெகு, விழுப்புரம். தமிழ்நாடு

MEMORANDUM OF UNDERSTANDING BETWEEN WHIRL POOL TECHNOLOGIES, PONDICHERRY AND A.R.ENGINEERING COLLEGE, VILLUPURAM

This agreement made and entered into on 06 FEB 2021 between WHIRL POOL TEC PONDICHERRY and A.R. ENGINEERING COLLEGE, VILLUPURAM

DI.R. PANNEER

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

AKUCHIPALAYAM. KAPPIYAMPULIYUR PC -T, VILLUPURAM-605 601.

RDHASS,M.E.,Ph O., A.R.ENGINEERING COLLEGE



pondicherry & A.R.Engineering Whirl, POOL TECHNOLOGIES, beneficial to the Students in the area of Robotles & Automation Engineering.

WHIRL POOL TECHNOLOGIES, PONDICHERRY is an R&D firm primarily focuses on edu-tech to provide early technology exposure to students and nurture their innovation skills to serve as a pathway for students and corporates to learn the next gen technologies. We want our students to dominate the future with their innovations, it provides a rare level of skill set to students which rise up their job opportunities. We are well known for our fun-based collaborative practical teaching approach. We also ereate numerous national and international winners at various robotics and innovative contests held all over the world.

# 2. PROPOSED MODES OF COLLABORATION

- " WHIRL POOL TECHNOLOGIES, PONDICHERRY & A.R.ENGINEERING COLLEGE, VILLUPURAM proposes to collaborate through
- 1. AREC sponsoring 2nd, 3rd and 4th year students of All Department of Engineering courses.
- 2. WHIRL POOL TECHNOLOGIES, PONDICHERRY will conduct Hands-on technical Training & Skill Development program, Internships (Involves selection process), Industrial Training and FDP/technical sessions (only under mutual consent) to all students at AREC Premises.

## 3. SCOPE OF MOU

Based on a study of the objectives and strengths of both the organizations, a MoU is agreed upon which envisages the following:

# a) Joint Interdisciplinary Research and Developmental projects:

Applying for joint projects from CSIR or UGC or other similar agencies funding research grants, mutual sharing of grants for the benefit of both organizations, joint publications arising from such research grants.

# b) Hands-on Commercial product Development Training & Skill Development program

The Company will provide Product based learning programs (in their expertise area) in coherent with curriculum every semester from semester III to VII, in the category of value added course. The learners can take away product after the successful completion of the training at the college premises. The financial consideration will be dealt on mutual acceptance.

### c) Curriculum Design:

The company will give valuable inputs to the institution in teaching training methodology and suitably customize the curriculum so that the students fit into the industrial needs and standards.



Dr.R.PANNEERDHASS, M.E. Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
Dr.R.PANNEERDHM'SOMPULIYUR POST,
PRINCIPALAYAM.
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST

# d) Sponsored Internships (The Company will bear the required material expenses)

The Company will provide Sponsored Internship to selected meritorious students" batch after conducting assessment during the value added course period. The terms and conditions for this will be dealt separately. (Standard selection process involved)

## e) Industrial Training and Visit

WHIRL POOL TECHNOLOGIES, PONDICHERRY can arrange possibly Industrial visits and training in relevant fields depending upon the availability. The industrial training and exposure provided to the students and faculties through this association to build confidence and prepare the students to have a smooth transition from academic to working career.

## f) Faculty Development program

WHIRL POOL TECHNOLOGIES, PONDICHERRY will provide faculty development programs to teach the faculties in the emerging trends of technology. The term FDP involves lecture sessions, open source software's and company copyrighted learning materials (if any) to the department. The institution needs to provide customary support of providing transport and staying facilities to the trainer's assigned by the company.

WHIRL POOL TECHNOLOGIES, PONDICHERRY is trying to expand the facilities, no activities (above mentioned) will be carried out at the company premises till further notice. All training, internships and other programs will be carried at college premises only.

### 4. Relationship between parties

It is expressly agreed that both parties are acting under this MoU shall not be constructed as partnership. Neither party is authorize to use the other parties name in any way to make any representation, or create any obligation or liability, expressed or implied on behalf of other party Neither party shall have nor represent itself as having any authority user the terms of this MoU to make the agreement of any kind in the name of binding upon the other party, to pledge the other party's credit or to extend the credit on behalf of the other party

To facilitate the implementation of this agreement, each party shall designate one or more liaison officers to serve on a standing committee. The standing committee will meet as and when required. The standing committee would review each party's participation in this agreement, assess the effectiveness of the agreement and identify modifications that might be necessary. The committee would as appropriate address urgent issues and specific cases of non-compliance.

### 5. Amendments

No amendments or modifications of this MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MoU. The modifications shall be effective from the date on which they are made or executed, unless otherwise agreed to.



Dr.R.PANNEERDHASS,M.E..Bh ?...
PRINCIPAL

A.R.ENGINEERING COLLEGE

Dr.R.PANHEERING COLLEGE

VIPRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
KAPPIYAMPULIYUR POST,

# 6. Sole Arbitration Clause

If any dispute or difference whatsoever arising between the parties hereto out of or relating to the construction of meaning and operation or effect of this agreement or breach thereof, which cannot be settled between the parties shall be settled in accordance with the provisions of Arbitration and Conciliation Act 1996 by referring the dispute to a sole arbitrator and the award made in pursuance thereof shall be final and bind on the parties.

## 7. Duration Of The Mou

The duration of this MoU shall be for 5 Years from the date of signing of this MoU and shall be renewed on mutual agreement by both parties thereon. It may be modified by mutual written consent of both the parties.

### 8. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

By signing below, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of

On behalf of

	POOL TECHNOLOGIES, CHERRY	A.R.ENGINEERING COLLEGE, VILLUPURAM
Ву	:	By :
Name	: Mr.K.SAKTHIVEL	Name : Dr.R.PANNEERDHASS
Title	: DIRECTOR	Title : PRINCIPAL
Date	: 06.02.2022	Date : 06.02.2022



Br.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
PRINCIPAL
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM.
VADAKUCHIPALAYAM.
VADAKUCHIPALAYAM.
KAPPIYAMPULIYUR
VILLUPURAM.605 6W.I.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

From

Mr. R.UDAYAKUMAR, M.E.,

Head of the department,

Department of EEE,

AR ENGINEERING COLLEGE.

Kappiampuliyur-608301.

TO

The Principal,

AR ENGINEERING COLLEGE.

Kappiampuliyur-60830 1.

**Respected Sir** 

Sub: Requesting permission for Industrial Visit - Reg.

Our Third and Final year of Mechanical department students are planned for One-day industrial visit on 10.02.2022. Our students are requesting to visit at WHIRL POOL TECHNOLOGIES , PONDICHERRY. In this regard, I am requesting your permission to permit the students. The company permission letter and complete trip schedule are enclosed with this letter for your kind perusal. Kindly do the needful.

Thanking you

Yours Faithfully,

(R.UDAYAKUMAR)

PANNEERDHASS,M.E.,Ph D., A.R.ENGINEERING COLLEGE VADAKUCHIRALAYAM. KAPPIKAMPULIYUR POST, VILLUPURAM-605 GUI.





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IV YEAR NAME LIST - MEC

1 2 3 4	420318114001 420318114002 420318114003 420318114006	AJITH M  AJITHKUMAR M  ARULKUMAR S  DINESHKUMAR M	P
3 4	420318114003 420318114006	ARULKUMAR S	P
4	420318114006		P
		DINECHULINARIA	
		DINESHKUMAR M	P
5	420318114007	DINESHKUMAR V	P
6	420318114009	EZHILMULLAIARASU M	P
7	420318114010	GURUMOORTHI S	P
8	420318114011	JAYAMOORTHY J	q
9	420318114015	NIJANTHAN J	D
10	420318114017	RAGURAMAN R	D
11	420318114018	RAJ A	D
12	420318114019	RAKESH R	D D
13	420318114020	RAMPRASATH D	D
14	420318114021	RANGARAJAN R	0
15	420318114023	TAMILSELVAM S	D
16	420318114024	UDHAYAKUMAR M	P
17	420318114027	VIGNESHWARAN M	P
18	420318114028	YUVARAJ P	<u> </u>
19	420318114029	YUVARAJ T	<u>+ + +</u>





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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

INDUSTRIAL VISIT REPORT

Y ear/Sem: IV/VIII

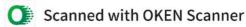
Visited date: 14.02.2022

Company Name: .WHIRL POOL TECHNOLOGIES

Our college has organized an industrial visit on 14th April2022 to WHIRL POOL TECHNOLOGIES and services private limited for the Final year students of Mechanical department. WHIRL POOL TECHNOLOGIES is one of the upcoming leading company in the category . This well-known establishment acts as a one-stop destination for servicing customer.

Over the course of its journey, this business has established a firm foothold in it's industry. The belief that customer satisfaction is as important as their products and services, have helped this establishment gamer a vast base of customers, which continues to grow by the day. This business employs individuals that are dedicated towards their respective roles and put in a lot of effort to achieve the common vision and larger goals of the company. In the near future, this business aims to expand its line of products and services and cater to a larger client base.







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## CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### WHIRL POOL TECHNOLOGIES

This is certify that the Mr/Ms. AJITH M , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division WHIRLPOOL TECHNOLOGIES on 10.02.2022. During the training period, he/she had hands REFRIGERATION SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\* We wish the very best on his/her future career\*\*\*\*







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### WHIRL POOL TECHNOLOGIES

This is certify that the Mr/Ms. ARULKUMAR S , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division WHIRLPOOL TECHNOLOGIES on 10.02.2022. During the training period, he/she had hands REFRIGERATION SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*





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## **CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT**

### WHIRL POOL TECHNOLOGIES

This is certify that the Mr/Ms. DINESHKUMAR M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division WHIRLPOOL TECHNOLOGIES on 10.02.2022. During the training period, he/she had hands REFRIGERATION SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\* We wish the very best on his/her future career\*\*\*\*





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## CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### WHIRL POOL TECHNOLOGIES

This is certify that the Mr/Ms EZHILMULLAIARASU M., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division WHIRLPOOL TECHNOLOGIES on 10.02.2022. During the training period, he/she had hands REFRIGERATION SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS,M.E.,PM.D.,
PRINCIPAL
PRINCIPAL
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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#### **CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT**

#### WHIRL POOL TECHNOLOGIES

This is certify that the Mr/Ms. GURUMOORTHI S , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division WHIRLPOOL TECHNOLOGIES on 10.02.2022. During the training period, he/she had hands REFRIGERATION SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*\*





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## CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

WHIRL POOL TECHNOLOGIES

This is certify that the Mr/Ms. JAYAMOORTHY  ${\bf J}$  , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division WHIRLPOOL TECHNOLOGIES on 10.02.2022. During the training period, he/she had hands REFRIGERATION SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\* We wish the very best on his/her future career\*\*\*\*



INEERDHASS、Mi用、Phで、 PRINCIPAL A.R.ENGINEERING COLLEGE KAPPIYAMPULIYUR POST. VILLUPURAM-605 601.





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## CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

## WHIRL POOL TECHNOLOGIES

This is certify that the Mr/Ms VIGNESHWARAN M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division WHIRLPOOL TECHNOLOGIES on 10.02.2022. During the training period, he/she had hands REFRIGERATION SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\* We wish the very best on his/her future career\*\*\*\*







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## CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### WHIRL POOL TECHNOLOGIES

This is certify that the Mr/Ms. YUVARAJ T  $\,$  , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division WHIRLPOOL TECHNOLOGIES on 10.02.2022. During the training period, he/she had hands REFRIGERATION SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\* We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEEROHASS, M.E., Ph. B., A.R.ENGINEERING COLLEGE VADAKUCHIPAŁAYAM. KAPPIYAMPULIYUR POST VILLUPURAN-605 601.





தமிழ்நாடு तीमलनाडु TAMIL NADU

92AB 279596

Date: 27/08/2021 Chairman, A'R. Engineering College, Kappiyampuliyus, . !

s. srewrsja, மு. தா.வி. எண். 997/C1/14. 9, வடக்கு அய்யனார்குளம் தெரு. விழுப்புரம். தமிழ்நாடு.

MEMORANDUM OF UNDERSTANDING

BETWEEN

M/S. Bright Brothers Ltd, Puducherry - 605 107 and A.R Engineering College, Kappiyampuliyur - Villupuram (Dt) - 605 601

This Memorandum of Understanding (hereinafter called as the ('MoU') is entered into on by and between. A.R Engineering College, Kappiyampuliyur - 605 601 and M/S. Bright Brothers Ltd, Puducherry - 605 107

WHEREAS, this MOU is agreed between M/S. Bright Brothers Ltd and A.R Engineering College for the Placement of the Final Year B.E - EEE, ECE, CSE, CIVIL & MECH students as agreed in the following statement of work.

Ar hirst Party is a Higher Educational Institution named: A.R Engineering College



NNEERDHASS,M.E.,Ph.D., ERING COLLEGE

- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.
- D) M/S. Bright Brothers Ltd, the Second Party is engaged in Mechanical Engineering

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

#### CLAUSE 1

#### CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

#### **CLAUSE 2**

#### SCOPE OF THE MoU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the A.R Engineering College, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

#### **CLAUSE 3VALIDITY**

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

#### **CLAUSE 4**

## RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

A.R Engineering College

Vadakuchipalayam, Kappiyampuliyur Post, Villupuram – Dt .605 601

WEERING CONTROL A.R. ENGINE CO. HILL SOLITION OF THE SOLITION

**Bright Brothers Ltd** 

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry – 605 107

Dr.R.PANNEERDHASS, M.E., Ph.D.
PRINCIPAL
A.R.ENGINEERING COLLEGE
ERS VADAKUCHIPALAYAM,





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

From

Mr. S.Ramamoorthy, M.E.,

Head of the department,

Department of Mechanical Engineering,

AR ENGINEERING COLLEGE,

Kappiampuliyur.

To

The Principal,

AR Engineering college,

Kappiampuliyur.

Respected Sir Sub: Requesting permission for Industrial Visit- Reg.

Our final year of Mechanical department students are planned for One-day industrial visit on 03.12.2021. Our students are requesting to visit at M/S Bright Brothers Ltd, Puducherry-605107. In this regard, I am requesting your permission to permit the students. The company permission letter and complete trip schedule are enclosed with this letter for your kind perusal. Kindly do the needful.

Thanking you,

Yours Faithfully,
S, Panamoll

PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST,

VILUPURAM-605 601.





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## DEPARTMENT OF MECHANICAL ENGINEERING

## **PERMISSION LETTER**

Date: 03.12.2021

From

S.Ramamoorthy,

Head of the Department,

Department of Mechanical Engineering,

A.R Engineering college,

Kappiampuliyur.

To

M/S BRIGHT BROTHERS LTD,

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry-605107

Respected Sir/Madam,

Sub: Permission for an Industrial Visit at M/S BRIGHT BROTHERS LTD, PUDUCHERRY-

Regarding.

Greetings from AR ENGINEERIG COLLEGE

The B. E – Mechanical students have an industrial visit as a part of our syllabus. In this regard, I request you to grant permission for our students (IV) and staff members to M/S BRIGHT BROTHERS LTD, PUDUCHERRY on 03.12.2021 . I would be very much thankful if you could grant permission for the visit and guide the students during the visit. We should be great full for favorable response

Thanking you,



Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE





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IV YEAR MECH NAME LIST 2020 -21

S.NO	REG.NO	STUDENT NAME LIST	2020 -21
1'	420317114001	STUDENT NAME	
2	420317114004	ABINESH K	R
3	420317114005	ANBARASANS	P
4	420317114007	ARUNKUMARE	A
5	420317114009	BAKKIYALAKSHMI E	P
6	THE RESERVE OF THE PARTY OF THE	BALASANKAR P	ę
7	420317114011	BRAIN LARA L	P
THE PERSON NAMED IN	420317114012	CHANDRUS	P
8	420317114013	DEENADHAYALAN A	P
9	420317114015	DHANANJEYANS	P
10	420317114016	DHINAGARAN P	· O
11	420317114017	DHINESHS	ė
12	420317114018	DINAKARAN M	p
13	420317114019	DIWAKAR R	P
14	420317114020	GOBINATH V	P
15	420317114021	GREEN KUMAR P	P
16	420317114022	ILAMATHI E	P
17	420317114023	TYYAPPAN B	
18	420317114024	JAYACHANDRAN C	<del>9</del>
19	420317114025	JAYARAI G	P
20	420317114026	KAVIYARASUK	
21	420317114027	KRISHNA KUMAR E	9
22	420317114028	KUMAR S	6
23	420317114030	LOGESHWARAN M	b
24	420317114031	MANIKANDAN K	P
25	420317114032	MOHANRAJ R	P
26	420317114033	MOHANRAJS	P
27	420317114034	MOHINDAR AMARNATH P	P
28	420317114035	MUGILARASAN S	P
29	420317114036	MURUGAPERUMAL M	P
30	420317114038	NATHIYA S	4
31	423017114040		4
32	420317114041	PALANIVEL PRAKASH D	P
-	420317114042	1	4
		PRAVEEN KUMAR A	Pr





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	1 120215111015	1	
34	420317114043	PREMKUMAR K	ρ
35	420317114044	PUSHPARAJA A	<del>'</del>
36	420317114045	RAGHU D	<del>P</del>
37	420317114048	RAJESH J	6
38	420317114050	RUDHRA VINAYAGAM R	
39	420317114051	SAMUVEL J	P
40	420317114052	SANTHOSH G	<u>0</u>
41	420317114053	SIVAMOORTHY L	
42	420317114054	SRIDHAR V	<u>b</u>
43	420317114055	SRIHARIHARAN A	<u>A</u>
44	420317114057	SUNIL KUMAR S	
45	420317114058	SURESH J	- 6
46	420317114059	SURIYA S	H
47	420317114061	THULASITHARAN P	<u></u>
48	420317114062	VALLARASU A	<u></u>
49	420317114063	VARADHARAJAN V	-
50	420317114064	VIGNESHWARAN R	A
51	420317114701	SRITHARAN T	





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#### **DEPARTMENT OF MECHANICAL ENGINEERING**

INDUSTRIAL VISIT REPORT

YEAR /SEM:IV/VIII

VISITED DATE: 03.12.2021

COMPANY NAME: M/S BRIGHT BROTHERS LTD

Our college has organized an industrial visit on 03.12.2021. M/S BRIGHT BROTHERS LTD, Puducherry for the second and third year students of Mechanical department.M/S BRIGHT BROTHERS LTD is one of the renowned brands offering consumer and durable and plastic household containers for various residential and consumer purposes. We deal in a vast range of plastic modulers, plastic molding and consumer durable products as per the demand of home and industrial needs.

The Brite Group's relationship with its customers has been built over time and their trust has been earned through continuously striving and delivering more than expected. People who depend on plastics, depend on Brite. Over the years, we have shared a very strong bond with our customers. Following is a glimpse of the esteemed customers with whom we have worked during different phases of our journey.

M/S Bright Brothers Ltd is a well known plastic part design and manufacturer across the globe.Our consumer durable unit is completely involved in manufacturing and supplying washing machines,Refrigerators and air conditioners, water purifiers,vacuum cleaners, fans and some other residential and commercial products.Our offered products are manufactured using high quality raw materials and advanced quality.

VILLUPURAM 605 601 CO



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## **BRIGHT BROTHERS LIMITED**

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry-605107

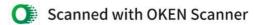
CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

03.12.2021

This is certify that the Mr/Ms. ABINESH K , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*







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### **BRIGHT BROTHERS LIMITED**

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

03.12.2021

This is certify that the Mr/Ms. ANBARASAN S, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



## **BRIGHT BROTHERS LIMITED**

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry-605107

## CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

03.12.2021

This is certify that the Mr/Ms. ARUNKUMAR E, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

WILLUPURAM 605 601 CO



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### **BRIGHT BROTHERS LIMITED**

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

03.12.2021

This is certify that the Mr/Ms. BAKKIYALAKSHMI E, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*We career\*\*\*\* wish the very best on his/her future







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### **BRIGHT BROTHERS LIMITED**

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

03.12.2021

This is certify that the Mr/Ms. BALASANKAR P, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*







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## **BRIGHT BROTHERS LIMITED**

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry-605107

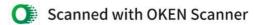
CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

03.12.2021

This is certify that the Mr/Ms. BRAIN LARA L , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## **BRIGHT BROTHERS LIMITED**

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

03.12.2021

This is certify that the Mr/Ms. CHANDRU S , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding,Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

VILLUPURAM 605 501





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## **BRIGHT BROTHERS LIMITED**

No:1/14 Mannadipet,

Thirubhuvanai,

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

03.12.2021

This is certify that the Mr/Ms DEENADHAYALAN A., AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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No:1/14 Mannadipet,

Thirubhuvanal,

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

03.12.2021

This is certify that the Mr/Ms DHANANJEYAN S., AR ENGINEERING COLLEGE, Kapplyampullyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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# BRIGHT BROTHERS LIMITED

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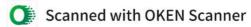
03.12.2021

This is certify that the Mr/Ms. DHINAGARAN P, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VIII LIBIIRAM-605 601





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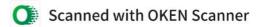
03.12.2021

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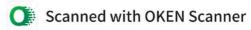
03.12.2021

This is certify that the Mr/Ms. VALLARASU A, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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This is certify that the Mr/Ms. VARADHARAJAN V, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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Dr.R.PANNEERDHASS, M.E., Ph.D.,
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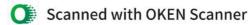
This is certify that the Mr/Ms VIGNESHWARAN R., AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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This is certify that the Mr/Ms. SRITHARAN T, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 03.12.2021. During the training period, he/she had hands on plastic Molding, Modulers during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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VILLUPURAM-605 601.



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19ade: 24/00/2021

Chairman, A.R. Engineering College, 5.5 TELDITOR (D. SIT. 60) 1997/C1/14.

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MEMORANDUM OF UNDER PARTIE SUBJETION OF UNDER PROPERTY OF THE SUBJETION OF UNDER PROPERTY OF THE SUBJETION OF UNDER PROPERTY OF THE SUBJETION OF THE SUBJETION

BETWEEN

M/S. Swastik Filaments Pvt Ltd, Puducherry - 605 102 and A.R Engineering College, Kappiyampuliyur - Villupuram (Dt) - 605 601

This Memorandum of Understanding (hereinafter called as the ('MoU') is entered into on by and between. A.R Engineering College, Kappiyampuliyur - 605 601 and M/S. Swastik Filaments Pvt Ltd, Puducherry - 605 102

WIHEREAS, this MOU is agreed between M/S. Swastik Filaments Pvt Ltd, and A.R Engineering College for the Placement of the Final Year B.F. - EEE, ECE, CSF, CIVIL & MECH students as agreed in the following statement of work.

A) First Party is a Higher Educational Institution named: A.R Engineering College

EERDHASS,M.E.,Ph.D.,



- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training. Education, Placement, Industrial Visit, Expert Lecture.
- D) M/S. Swastik Filaments Pvt Ltd, the Second Party is engaged in Mechanical Engineering

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

#### CLAUSE I

# **CO-OPERATION**

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

#### CLAUSE 2

# SCOPE OF THE MoU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the A.R Engineering College, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

# CLAUSE 3VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

#### CLAUSE 4

# RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

# A.R Engineering College

Vadakuchipalayam. Kappiyampuliyur Post. Villupuram – Dt.605 601

ERINC

ERING

Swastik Filaments Pvt Ltd Industrial Estate, Mettupalayam, Puducherry – 605 102

Second Party

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





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu

# M/S SWASTIK FILAMENTS PVT LIMITED

Date: 20.11.2021

To

The Manager,

M/S swastika filament pvt Ltd,

Puducherry-605102

Respected Sir,

Sub: Requesting Permission for our Students to undergo Internship Training in your Organization-Reg.

\*\*\*\*Warm greetings from AR ENGINEERING COLLEGE, Kappiampuliyur\*\*\*\*

The following students are studying IV Year /VII semester full time BE in Mechanical engineering in our college are willing for internship training on 20.11.2021. As a curriculum, they have to undergo Internship Training in any Industry. We also assure that, the following candidates will abide by the rules and regulations of M/S SWASTIK FILAMENTS PVT LIMITED .

Hence, we request to perm1t our above mentiOned students to undergo Internship Training in your esteemed organization, for a period of Six Days at any of your convenient dates in AUGUST, 2018.

Thanking you,

Place:Kappiampuliyur

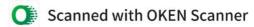
Date:20.11.2021

VILLUPURAM 605 601

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMBII IYUB BOST

RINCIPAL

KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





# A. R. ENGINEERING COLLEGE (Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)

Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu

IV YEAR MECH NAME LIST 2020 -21

S.NO REG.NO STUDENT NAME					
1	420317114001	ABINESH K			
2	420317114004		<u> </u>		
3	420317114004	ANBARASAN S	P		
4	420317114007	ARUNKUMAR E	P		
5	420317114007	BAKKIYALAKSHMI E	A		
6	420317114009	BALASANKAR P	P		
7	420317114011	BRAIN LARA L	P		
8	420317114012	CHANDRU S	· P		
9		DEENADHAYALAN A	P		
10	420317114015	DHANANJEYAN S	Ρ		
	420317114016	DHINAGARAN P	A		
11	420317114017	DHINESH S	P		
12	420317114018	DINAKARAN M	6		
13	420317114019	DIWAKAR R	P		
14	420317114020	GOBINATH V	P		
15	420317114021	GREEN KUMAR P	P		
16	420317114022	ILAMATHI E	P		
17	420317114023	IYYAPPAN B	1		
18	420317114024	JAYACHANDRAN C	5		
19	420317114025	JAYARAJ G	P		
20	420317114026	KAVIYARASU K			
21	420317114027	KRISHNA KUMAR E	A		
22	420317114028	KUMAR S	P		
23	420317114030	LOGESHWARAN M	P		
24	420317114031	MANIKANDAN K	P		
25	420317114032	MOHANRAJ Ř	Ρ		
26	420317114033	MOHANRAJ S	6		
27	420317114034	MOHINDAR AMARNATH P	6		
28	420317114035	MUGILARASAN S	P		
29	420317114036	MURUGAPERUMAL M	P		
30	420317114038	NATHIYA S	P		
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Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE





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32	420317114041	PRAKASH D	P
33	420317114042	PRAVEEN KUMAR A	9
34	420317114043	PREMKUMAR K	P
35	420317114044	PUSHPARAJA A	Θ
36	420317114045	RAGHU D	0
37	420317114048	RAJESH J	0
38	420317114050	RUDHRA VINAYAGAM R	
39	420317114051	SAMUVEL J	<u> </u>
40	420317114052	SANTHOSH G	<del></del>
41	420317114053	SIVAMOORTHY L	
42	420317114054	SRIDHAR V	<u> </u>
43	420317114055	SRIHARIHARAN A	
44	420317114057	SUNIL KUMAR S	P P
45	420317114058	SURESH J	0
46	420317114059	SURIYA S	
47	420317114061	THULASITHARAN P	
48	420317114062	VALLARASU A	
49	420317114063	VARADHARAJAN V	
50	420317114064	VIGNESHWARAN R	
51	420317114701	SRITHARAN T	
	•		P



Dr.R.PANNEERDHASS,M.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-505 601.



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#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### SWASTIK FILAMENTS PVT LTD

This is certify that the Mr/Ms. Ajithkumar M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 20.11.2021. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*



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KAPPIYAMPULIYUR POST,
VILLUPURAM: 601,

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\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL

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தமிழ்நாடு तमिलनाडु TAMIL NADU மில் : 24 மிலிம்வ Chauman, A.R. Engineering College, Kappiyampuliyus.

க். தாமோதான், மு.தா.வி.எண். 997/C1/14. 49. வடக்கு அய்யனார்களம் தெரு. விழுப்புரம், தமிழ்நாடு

MEMORANDUM OF UNDERSTANDING

## BETWEEN

M/S. Poclain Hydraulics Pvt Ltd, Puducherry - 605 102 and A.R Engineering College, Kappiyampuliyur - Villupuram (Dt) - 605 601

This Memorandum of Understanding (hereinaster called as the ('MoU') is entered into on by and between. A.R Engineering College, Kappiyampuliyur - 605 601 and M/S. Poclain Hydraulics Pvt Ltd, Puducherry - 605 102.

WEIEREAS, this MOU is agreed between M/S. Poclain Hydraulics Pvt Ltd, and A.R Engineering College for the Placement of the Final Year B.E - EEE, ECE, CSE, CIVIL & MECH students as agreed in the following statement of work.

A) First Party is a Higher Educational Institution named: A.R Engineering College

ASS,M.E.,Ph.D.,

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) M/S. Poclain Hydraulics Pvt Ltd, - the Second Party is engaged in Mechanical Engineering

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

## CLAUSE 1

### CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 Lirst Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

## **CLAUSE 2**

## SCOPE OF THE MoU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the A.R Engineering College, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

## **CLAUSE 3VALIDITY**

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

## **CLAUSE 4**

## RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

## A.R Engineering College

Vadakuchipalayam. Kappiyampuliyur Post. Villupuram – Dt.605 601

First Party



## Poclain Hydraulics Pvt Ltd

No : 10 Thiruvandarkoil Main Road. Thiruvandarkoil. Puducherry – 605 102





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POCLAIN HYDRAULICS PVT LTD has been a training provider for the some of the years and Our college AR ENGINEERING COLLEGE students had participated for hands on training for which they assessed and updated our students technical skills

From

Mr.RAMAMOORTHY,

HOD /EEE,

Dept. of Mechanical Engineering,

AR ENGINEERING COLLEGE,

kappiampuliyur-608301.

To

The Chairman,

AR ENGINEERING COLLEGE,

kappiampuliyur

Through Proper Channels,

Respected Sir,

Sub: Request permission to conduct a Seminar on "Thermal engineering" for Department of Electrical and Electronics Engineering students of our institute - reg.

It is pleasure to inform you that Department of Mechanical Engineering has planned to conduct a Seminar on "poclain operation and control" at 09.30 AM to 4.00 PM on 22.11.2021. This seminar focuses on various aspects of according to Utility, Poclain control techniques. So, we kindly request you to grant us permission to conduct the programme. The Schedule and proposal of the programme is enclosed with this letter for your kind persual, and permission. Kindly do the needful.

COORDINATOR

Approved by

GHEERING CO

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKIICHIBALAMAN



RINCIPAL



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

From

S.Ramamoorthy,

Head of the department,

Department of Mechanical Engineering,

A.R Engineering college,

kappiampuliyur.

TO

Mr.s.Raman,

Poclain Hydraulics pvt Ltd.

131/2, Kothapurinatham Road

Mannadipet.

Thiruvandar Koil,

Pondicherry-605102.

Respected sir,

Sub: Inviting as a resource person for the programme conducted by Dept of Mechanical

Engineering - Reg

\*\*\*\*\*\*\*\*\*\*\*\*Warm greetings from AR ENGINEERING COLLEGE, Kappiampuliyur\*\*\*\*

I am writing this invitation letter to you to formally invite you to the seminar on "POCLAIN OPERATION AND CONTROL" which has been scheduled on 22.11.2021 from 09.30 am to 04.00 p.m. In this regard, we would like to request you to be as a guest speaker for the said event to share your knowledge to all of the education participants.

Your favourable response regarding this request will be highly appreciated.

Thanking you,



Dr.R.PANNEERDHASS,M.E.,Ph.D.,
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## RESOURCE PERSON PROFILE

Name of the resource person	Mr.s.Raman
Designation	Trainer, Poclain hydraulics pvt ltd,puducherry.
Working Experience	8 Years
Educational Qualification	B. Tech.,

Experimental Mechanical Engineer with a demonstrated history of working in the Mechanical Skilled in Site Management, Team Organizing, Time Managing, Contented, Effective Designing, Strong Engineering Professional with a Bachelor of Engineering Focused in Mechanical department.



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**CIRCULAR** 

Date: 20.11.2021

It is hereby informed that our college is going to conduct a conduct a Seminar on "POCLAIN OPERATION AND CONTROL" for Mechanical Engineering students of our institute on 22.11.2021 at 09.30 am to 04.00 pm. All the Mechanical students and faculty members are cordially invited to attend this seminar. All the students and staff members are expected to give their fullest co-operation towards the smooth conduction of program.

### Copy to:

- 1. Chairman
- 2. Principal
- 3. All Department HoD's
- 4. All Class Advisor
- 5. Main Notice Board/ Library Notice Board/ Office Notice Board
- 6. IQAC

### Circular to:

- I. All staff members
- 2. Ail Students of EEE dept

VILLUPURAY 605 601

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# ATTENDANCE FOR SEMINAR ON Date:22.11.2021

"POWER SYSTEM OPERATION AND CONTROL"

Date of Activity
Venue of Activity
Speaker Participants

REPORT OF THE PROGRAMME SEMINAR ON "POCLAIN OPERATION AND CONTROL" Name of the Selected Spoke College: AR ENGINEERING COLLEGE, KAPPIAMPULIYUR

Time: 09.30 am

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PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601. Dr.R.PANNEERDHASS,M.E.,Ph.D.,



# A. R. ENGINEERING COLLEGE Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu. (Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)

Date: 10.11.2021

To

Mr.s.Raman,

Poclain Hydraulics pvt Ltd,

131/2, Kothapurinatham Road

Mannadipet.

Thiruvandar Koil,

Pondicherry-605102

Dear Madam,

Sub: Seeking Permission for Internship Training-Reg.

\*\*\*\*\*Warm Greetings from A.R ENGINEERING COLLEGE, kappiampuliyur\*\*\*\*

Internship Training, which enable them to familiarize with the industrial environment. We request you to We have been always imparting a high standard of practical training so that the students readily match the needs of the industries/organizations. As a part of the curriculum, the students have to undergo undergo internship training program. kindly accord permission to the following Final year students of Mechanical Engineering department to

order of discipline during the training period. We look for your kind permission for the above internship Our students shall obey all your organization rules and regulations and shall maintain the highest

Thankiing You,



VILLUPURA:





Dr.R. PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A:R. ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



# (Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

# IV YEAR MECH NAME LIST 2022-23

NO NO	REG NO	NAME	
-	20319114001	ENIYAN P	P
2	20319114002	MOHAN D	Þ
ω	420319114301	RAJAN R	P
4	420319114302	VINAYAGAMOORTHI V	p
C)	420319114501	SRIDHAR M	P



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

# CERTIFICATE OF PARTICIPATION

This is to certify that \_ ENIYAN P \_\_\_\_ has participated on Internship Training Programme from 22.11.2021 to 27.11.2021 "Poclain operation and control "Overview conducted at POCLAIN" HYDRAULICS PVT LTD.

Date

Centre Head

27.11.2021

..... SIVAKUMAR

HYDRAULICS PVT LTD POCLAIN

Dr.R.PAWNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

# CERTIFICATE OF PARTICIPATION

This is to certify that \_\_\_\_\_MOHAN D \_\_\_\_has participated hi Internship Training Programme from 22.11.2021 to 27.11.2021 Electric Vehicle Design & Technology Overview conducted at POCLAIN HYDRAULICS PVT LTD.

27.11.2021 SIVAKUMAR .....

Date

Centre Head

POCLAIN

HYDRAULICS PVT LTD

Dr.R.PANNEERDHASS, M.E., Ph.D.,
A.R. ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

O



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

# CERTIFICATE OF PARTICIPATION

This is to certify that \_\_\_\_RAJAN R \_\_\_\_\_\_has participated hi Internship Training Programme from 22.11.2021 to 27.11.2021 Electric Vehicle Design & Technology Overview conducted at **POCLAIN** HYDRAULICS PVT LTD



Date

Centre Head

HYDRAULICS PVT LTD

POCLAIN

...... 27.11.2021

SIVAKUMAR

.........

A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601. Dr.R.PANNEERDHASS,ME,Ph.D.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

# CERTIFICATE OF PARTICIPATION

This is to certify that \_\_\_\_\_ VINAYAGAMOORTHI V \_\_\_\_\_\_ has participated hi Internship Training Programme from 22.11.2021 to 27.11.2021 Electric Vehicle Design & Technology Overview conducted at

POCLAIN HYDRAULICS PVT LTD.

27.11.2021

SIVAKUMAR

HYDRAULICS PVT LTD

POCLAIN

Date Centre Head

PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601. Dr.R.PANNEERDHASS,M.E.,Ph.D.,



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

# CERTIFICATE OF PARTICIPATION

from 22.11.2021 to 27.11.2021 Electric Vehicle Design & Technology Overview conducted at POCLAIN This is to certify that \_ \_\_ SRIDHAR M \_ \_ . HYDRAULICS PVT LTD \_ has participated hi Internship Training Programme

Centre Head HYDRAULICS PVT LTD

Date

27.11.2021

SIVAKUMAR

POCLAIN

PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
KAPPIYAMPULIYUR 605 601. Dr.R. PANNEERDHASS, M.E., Ph.D.,



B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training. Education, Placement, Industrial Visit, Expert Lecture.

D) M/S. Rane (Madras) Limited, - the Second Party is engaged in Mechanical Engineering

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU. THE PARTIES HERETO AGREE AS FOLLOWS:

# CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant

# CLAUSE 2

# SCOPE OF THE MOU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest the AICTE Internship Portal for the benefit of students. This will provide confidence & smooth transition for students work. Also the Second party may register on First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. developments / requirements of the industries; the Second Party to permit the Faculty and Students of the
- of the First Party on the technology trends and in house requirements. 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students
- placement of the students of the first party on the technology trends and in house requirements. 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and
- up any program mention in MoU. If there is any financial consideration, it will be dealt separately. 2.4 There is no financial commitment on the part of the A.R Engineering College, the first party to take
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature

CLAUSE 3VALIDITY

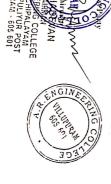
3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

RELATIONSHIP BETWEEN THE PARTIES

# A.R Engineering College

Kappiyampuliyur Post Vadakuchipalayam, /Illupuram – Dt.605 601



# Rane (Madras) Limited

Puducherry - 605 107 No : 77 Thirubhuvanai Main Road, Thirubhuvanai,

PRINCIPAL PRINCIPAL ENGINEERING COLLEGE PAKUCHIPALAYAM, YAMPULIYUR POST JPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

From

Mr.S.Ramamoorthy,

Head of the department,

permission letter and complete trip schedule are enclosed with this letter for your kind perusal. Kindly puducherry. In this regard, I am requesting your permission to permit the students. The company One-day industrial visit on 14.04.2022. Our students are requesting to visit at Rane Madras Limited,

Mr.S. Pamansout Yours truly,



# (Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

# Department of Mechanical Engineering

Permission Letter

Date: 11 April, 2022

From

S.Ramamoorthy,

Head of the Department,

Department of Mechanical Engineering,

A.R.Engineering college,

Kappiampuliyur.

Rane (Madras) Limited,

No: 77 Thirubhuvanai Main Road,

Thirubhuvanai

Puducherry-605107

Respected Sir/Madam,

Sub: Permission for an Industrial Visit at - Rane (Madras) Limited ,Regarding.

Greetings from AR ENGINEERING COLLEGE

guide the students during the visit. We should be greatful for favorable response. Limited, on 14.04.2022. I would be very much thankful if you could grant permission for the visit and you to grant permission for students (IV year) and staff members to visit the, The B. E – Mechanical students have an industrial visit as a part of our syllabus. In this regard, I request Rane (Madras)

Thanking you,





# . R. ENGINEERING (Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu

# DEPARTMENT OF MECHANICAL ENGINEERING

INDUSTRIAL VISIT REPORT

Year/Sem: iv/III& V

Visited date: 14.04.2022

Company Name: Rane (Madras)Limited.

department. Started manufacturing from 1959. It is having an access to best technology. It serves a variety of industry segments: passenger cars, Multi utility vehicles, Light commercial and stationery engines. vehicles, Medium and heavy commercial vehicles, Farm tractors, three wheelers, two wheelers limited, puducherry for the second, third and Final year students of Mechanical Our college has organized an industrial visit on 14th April ,2022 toMS Rane (Madras)

Engineering Las Equipment Dealers. It provides superior products and services to our customers effortless task in commuting to this establishment as there are Electronic Component, business aims to expand its line of products and services and cater to a larger client base. It is an effort to achieve the common vision and larger goals of the company. In the near future, this and maintain market leadership. business employs individuals that are dedicated towards their respective roles and put in a lot of The belief that customer satisfaction is as important as their products and services, have helped this establishment gamer a vast base of customers, which continues to grow by the day. This Over the course of its journey, this business has established a firm foothold in it's industry.

solutions. This is made possible by well integrated design, manufacturing & testing facilities at each of the group companies. Rane group partners with a wide spectrum of auto majors to provide concept to product

# Modern Manufacturing Facilities

- Facilities consistently upgraded to meet technological advancements
- Integrated production lines for all group companies on par with world standards

Product Development & Testing Capabilities







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## IV YEAR NAME LIST - MECH 2021-2022

S.NO REG.NO STUDENT NAME				
5.110	REG.NO	STUDENT NAME	SI .	
1	420318114001	AJITH M	A	
2	420318114002	AJITHKUMAR M	P	
3	420318114003	ARULKUMAR S	P	
4	420318114006	DINESHKUMAR M	P	
5	420318114007	DINESHKUMAR V	6	
6	420318114009	EZHILMULLAIARASU M	P	
7	420318114010	GURUMOORTHI S	P	
8	420318114011	JAYAMOORTHY J	P	
9	420318114015	NIJANTHAN J	P	
10	420318114017	RAGURAMAN R	P	
11	420318114018	RAJ A	6	
12	420318114019	RAKESH R	. 6	
13	420318114020	RAMPRASATH D	P	
14	420318114021	RANGARAJAN R	Ä	
15	420318114023	TAMILSELVAM S	ρ	
16	420318114024	UDHAYAKUMAR M	6	
17	420318114027	VIGNESHWARAN M	P	
18	420318114028	YUVARAJ P	6	
19	420318114029	YUVARAJ T	( <del>)</del>	



Dr.R.PANNEERDHASS,M.E.,Ph. 2. PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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Rane (Madras) Limited

No: 77 Thirubhuvanai Main Road,

Thirubhuyanai

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. AJITH M , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS,M.E.,Ph.O.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





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Rane (Madras) Limited

No: 77 Thirubhuvanai Main Road.

Thirubhuvanai

Puducherry-605107

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20.11.2021

This is certify that the Mr/Ms. AJITHKUMAR M  $\,$  , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



Dr.R. PANNEERDHASS, M.E., Ph O., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-505 601.





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Rane (Madras) Limited

No: 77 Thirubhuvanai Main Road,

Thirubhuvanai

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. ARULKUMAR S , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL

A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





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20.11.2021

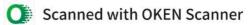
This is certify that the Mr/Ms. DINESHKUMAR M , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



Dr.R. PANNEERDHASS, M.E., Ph.D.
PRINCIPAL

A.R. ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





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Rane (Madras) Limited

No: 77 Thirubhuvanai Main Road,

Thirubhuvanai

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. DINESHKUMAR  $\,{
m V}\,$  , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS, M.E., Ph O., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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Rane (Madras) Limited

No: 77 Thirubhuvanai Main Road,

Thirubhuvanai

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. EZHILMULLAIARASU M, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS, M.E., Ph. O., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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No: 77 Thirubhuvanai Main Road,

Thirubhuvanai

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. GURUMOORTHI S , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS, M.E., Ph. O. PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VII I IIPIIRAM-605 601.





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Rane (Madras) Limited

No: 77 Thirubhuvanai Main Road,

Thirubhuvanai

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. JAYAMOORTHY J , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS, M.E., Ph. D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, 1011DAM-605 601.





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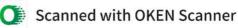
20.11.2021

This is certify that the Mr/Ms. NIJANTHAN J , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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VILLUPURAM-605 601.





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No: 77 Thirubhuvanai Main Road,

Thirubhuvanai

Puducherry-605107

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20.11.2021

This is certify that the Mr/Ms. RAGURAMAN R, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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No: 77 Thirubhuvanai Main Road,

Thirubhuvanai

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. RAJ A , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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20.11.2021

This is certify that the Mr/Ms RAKESH R. , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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Rane (Madras) Limited

No: 77 Thirubhuvanai Main Road,

Thirubhuyanai

Puducherry-605107

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. RAMPRASATH D , AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*



RDHASS,M.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

Rane (Madras) Limited

No: 77 Thirubhuvanai Main Road,

Thirubhuvanai

Puducherry-605107

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Dr.R.PANNEERDHASS, M.E., Ph.O.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM.
KAPPIYAMPULIYUR POST.





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Thirubhuvanai

Puducherry-605107

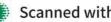
#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

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This is certify that the Mr/Ms. RANGARAJAN R, AR ENGINEERING COLLEGE, Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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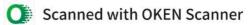
CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. TAMILSELVAM S , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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Puducherry-605107

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20.11.2021

This is certify that the Mr/Ms. VIGNESHWARAN M , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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CINEERING CO.





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Puducherry-605107

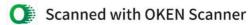
#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. YUVARAJ P , AR ENGINEERING COLLEGE , Kappiyampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2021 to 20.11.2021. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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Puducherry-605107

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தமிழ்நாடு तमिलनाडु TAMIL NADU

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Date: 2:Hostzzel
Chairman, A. R. Erginering College
Kapplyzmoutiyus.

க. தாயோதரன், மு.தா.வி.எண். 997/C1/14. 19.வடக்கு அய்யனார்தளம் தெரு. விழுப்புரம், தமிழ்நாடு.

#### MEMORANDUM OF UNDERSTANDING

#### BETWEEN

M/S. M.K Tron Auto Parts Pvt Ltd, Chennai - 600 044 and A.R Engineering College ,
Kappiyampuliyur - Villupuram (Dt) - 605 601

This Memorandum of Understanding (hereinafter called as the ('MoU') is entered into on by and between. A.R Engineering College, Kappiyampuliyur – 605 601 and M.K Tron Auto Parts Pvt Ltd, Chennai -600 044.

WHEREAS, this MOU is agreed between M/S, M.K Tron Auto Parts Pvt Ltd and A.R Engineering College for the Placement of the Final Year B.E - EEE, ECE, CSE, CIVIL & MECH students as agreed in the following statement of work.

A) First Party is a Higher Educational Institution named: A.R Engineering College

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- Bi Lord Party & Second Party believe that collaboration and ex-operation between themselves will promote more effective use of each of their resources and provide each of their with enhanced opportunities.
- () The Parties intent to cooperate and focus their efforts on cooperation within area of Skill BasedTraining Education, Placement, Industrial Visit, Expert Lecture.
- D) M.K Tron Auto Parts Pvt Ltd. the Second Party is engaged in Mechanical Engineering

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SEEF OR HERS THIS MOUTTHE PARTIES THERETO AGREE AS FOLLOWS:

#### CLAUSE

#### CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish on operation
- 1.2.1 mst Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

#### CLAUSE 2

#### SCOPE OF THE MOU

- 2.1 Industrial Training & Visits; Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the A.R Engineering College, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

#### CLAUSE 3VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

#### CLAUSE 4

### RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

A.R Engineering College

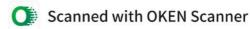
Vadakuchipalayam, Kappiyampuliyur Post, Villupuram – Dt.605 601 M.K Tron Auto Parts Pvt Ltd

No: 82A & B, Industrial Estate, Thirumudivakkam,, Chennai – 600 044

First Party

Top son in the son

DER: PAINNEERDHASS, M.E., Ph.D. PRINCIPAL
A.R.ENGINEERING COLLEGE
COLMADAKUCHIPALAYAM,





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

From

Mr. R.UDAYAKUMAR, M.E.,

Head of the department,

Department of EEE,

AR ENGINEERING COLLEGE.

Kappiampuliyur-608301.

TO

The Principal,

AR ENGINEERING COLLEGE,

Kappiampuliyur-60830 1.

Respected Sir

Sub: Requesting permission for Industrial Visit - Reg.

Our Third and Final year of Mechanical department students are planned for One-day industrial visit on 14.04.2022. Our students are requesting to visit at MK TRON AUTOPARTS PRIVATE LIMITED. In this regard, I am requesting your permission to permit the students. The company permission letter and complete trip schedule are enclosed with this letter for your kind perusal. Kindly do the needful.

Thanking you

Yours Faithfully,

(R.UDAYAKUMAR)

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

PRINCIPAL

A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM.

CARRIVAMENT IVIIR POST,





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### Department of Mechanical Engineering

Permission Letter

From

S.Ramamoorthy,

Head of the Department,

Department of EEE,

AR ENGINEERING COLLEGE,

Kappiyampuliyur-60830

TO

MK Tron autoparts pvt ltd,

82,A & B industrial Estate,

Thirumudivakkam,

Chennai-600044.

Respected Sir/Madam,

Sub: Permission for an Industrial Visit at Mk Tron autoparts pvt ltd.

- Regarding

Greetings from AR ENGINEERING COLLEGE

\*\*\*\*\*\*\*

The B. E – Mechanical Engineering students have an industrial visit as a part of our syllabus. In this regard, I request you to grant permission for (IV students) and staff members to visit the Mk Tron autoparts pvt ltd, Chennai on 14.04.2022. I would be very much thankful if you could grant permission for the visit and guide the students during the visit. We should be great full for favorable response.

Thanking you,

GINEERING CO STORY STORY

Thanks & Regards,

R.UDĄYAKUMĄR,M.Ę.,

Dr.R.PANNEERDHASS, M.E., Ph D.,
PRINCIPAL

A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUB BOCT



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#### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

INDUSTRIAL VISIT REPORT

Y ear/Sem: IV/VIII

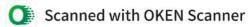
Visited date: 14.04.2022

Company Name: .MK TRON AUTOPARTS PVT LTD, CHENNAL

Our college has organized an industrial visit on 14th April2022 to MK TRON AUTOPARTS PVT LTD and services private limited for the Final year students of Mechanical department. MK TRON AUTOPARTS PVT LTD is one of the upcoming leading company in the category. This well-known establishment acts as a one-stop destination for servicing customer.

Over the course of its journey, this business has established a firm foothold in it's industry. The belief that customer satisfaction is as important as their products and services, have helped this establishment gamer a vast base of customers, which continues to grow by the day. This business employs individuals that are dedicated towards their respective roles and put in a lot of effort to achieve the common vision and larger goals of the company. In the near future, this business aims to expand its line of products and services and cater to a larger client base.







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IV YEAR NAME LIST - MECH 2021-2022

S.NO	REG.NO	STUDENT NAME		
1	420318114001	AJITH M	P	
2	420318114002	AJITHKUMAR M	6	
3	420318114003	ARULKUMAR S	P	
4	420318114006	DINESHKUMAR M	9	
5	420318114007	DINESHKUMAR V	i,P	
6	420318114009	EZHILMULLAIARASU M	P	
7	420318114010	GURUMOORTHI S	9.	
8	420318114011	JAYAMOORTHY J	P	
9	420318114015	NIJANTHAN J	P	
10	420318114017	RAGURAMAN R	P	
11	420318114018	RAJ A	6	
12	420318114019	RAKESH R	6	
13	420318114020	RAMPRASATH D	P	
14	420318114021	RANGARAJAN R	-Q_	
15	420318114023	TAMILSELVAM S	6.	
16	420318114024	UDHAYAKUMAR M	6	
17	420318114027	VIGNESHWARAN M	P	
18	420318114028	YUVARAJ P		
19	420318114029	YUVARAJ T	6	





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#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. AJITH M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\* We wish the very best on his/her future career\*\*\*\*



KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

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This is certify that the Mr/Ms. AJITHKUMAR M  $\,$  , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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A.R.ENGINEERING COLLEGE VADARUCTARLATAM KAPPIYAMPULITUR POST, VILLUPUR AIM LARE GOA.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

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#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

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This is certify that the Mr/Ms. DINESHKUMAR M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. EZHILMULLAIARASU M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. GURUMOORTHI S, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. JAYAMOORTHY J, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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#### MIK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. NIJANTHAN J, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. RAGURAMAN R, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. RAJ A, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. RAKESH R, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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This is certify that the Mr/Ms. RAMPRASATH D, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms., TAMILSELVAM S AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

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#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. UDHAYAKUMAR M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\* We wish the very best on his/her future career\*\*\*\*





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. VIGNESHWARAN M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. YUVARAJ P, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering . Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

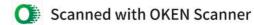
#### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### MK TRON AUTOPARTS PVT LTD

This is certify that the Mr/Ms. YUVARAJT, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division MK TRON AUTOPARTS PVT LTD on 14.04.2022. During the training period, he/she had hands AUTOMOBILE SERVICING during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*\*







рьп6 वांमलनाड् түміL NADU DAW 1610 2023 Mr. (Raisman, 1)-K-Ligircaing Callege, Kappingampuliyon.

#### MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

SRI RANGAPOOPATIII COLLEGE OF ENGINEERING, ALAMPOONDI

AND

JPS TECHNOLOGIES, ARCOT.

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 03 day of Month 2022 June by and between.

A.R.Engineering College, Villupuram, the First Party represented herein by its Principal, Dr.R.Panneerdhass, A.R.Engineering College, Villupuram and JPS Technologies, Arcot, -6, Vathiyar Govindaraj Street, Jothi Nagar, [Near National Matriculation School] Arcot-632 503. The Second party, and represented herein by its Manager Mr.J.Jayaprakash,.

#### WHEREAS:

- A) First Party is a Higher Educational Institution named: A.R.Engineering College, Villupuram
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training,
- D) JPS Technologies, Arcot-the Second Party is engaged in Guest Lectures, Placement training etc. NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU,

#### CLAUSE I

#### CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities. 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant



Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R. ENGINEERING COLLEGE



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# JF JPS TECHNOLOGIES

(Manufacturer and supplier of engineering lab equipments for Engineering, Polytechnic and 111 colleges)
C-6.VathiyarGovindaraj Street-.Arcot-632 503, Tamil Nadu, (Near National matriculation school)

#### CLAUSE 2

#### SCOPE OF THE MOU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments I requirements of the industries; the Second Party to permit the Faculty and Students of the Piret Party to visit its group companies and also involve in Industrial Training Programs for the Piret Party This will provide confidence & smooth transition for students work. Also the Second party may register on the AKTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lexturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the A.R.Engineering College, Villupuram, the first party to take up any program mention in MOU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3

VALIDITY- [1 year]

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4

#### RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that (First Party) A.R.Engineering College, Villupuram and (Second Party) JPS technologies, Arcot- are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

Dr.R.Panneerdhass

Principal,

A.R.Engineering College,

Vadakuchipalayam, Kappiyampuliyur,

Villupuram District.

Tamilnadu-605601.

WITNESS

VILLUPURAM COLL 605 601

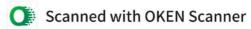
Mr.J.Jayaprakash,

Managing director,

C-6, Vathiyar Govindaraj Street, Jothi Nagar.

[Near National Matriculation School] Arcot-632 503

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKIICHISA





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### JPS TECHNOLOGIES

JPS TECHNOLOGIES has been a training provider for the last Some years and Our college AR ENGINEERING COLLEGE students had participated for hands on training for which they assessed and updated our students technical skills.

From

Mr.R.UDAYAKUMAR,

HOD /EEE,

Dept. of Electrical and Electronics Engineering,

AR ENGINEERING COLLEGE,

kappiampuliyur-608301.

To

The Chairman,

AR ENGINEERING COLLEGE,

kappiampuliyur-608301.

Through Proper Channels,

Respected Sir,

Sub: Request permission to conduct a Seminar on "power quality issues and solutions" for Department of Electrical and Electronics Engineering students of our institute - reg.

It is pleasure to inform you that Department of EEE has planned to conduct a Seminar on "POWER ELECTRONICS AND DRIVES WITH ITS APPLICATION" at 09.30 AM to 4.00 PM on 03.08.2022. This seminar focuses on various aspects of according to operation on hardware and importance of MATLAB for implementing the module output with its reliability. So, we kindly request you to grant us permission to conduct the programme. The Schedule and proposal of the programme is enclosed with this letter for your kind persual. and permission. Kindly do the needful.

COORDINATOR

Approved by



Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM

YCIPAL





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

	ı		

R.UDAYAKUMAR,

HOD/EEE,

Department of Electrical and Electronics Engineering,

kappiampuliyur.

TO

Mr.K.MAHESH,

B.E Trainer,

JPS TECHNOLOGIES,

ARCOT

Reg

Respected sir,

Sub: Inviting as a resource person for the programme conducted by Dept of EEE Engineering -

\*\*\*Warm greetings from AR ENGINEERING COLLEGE, Kappiampuliyur\*\*\*\*

I am writing this invitation letter to you to formally invite you to the seminar on "POWER ELECTRONICS AND DRIVES WITH ITS APPLICATION" which has been scheduled on 03.08.2022 from 09.30 am to 04.00 p.m. In this regard, we would like to request you to be as a guest speaker for the said event to share your knowledge to all of the education participants.

Your favourable response regarding this request will be highly appreciated.

Thanking you,

With Regards,







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### **RESOURCE PERSON PROFILE**

Mr.K.Mahesh			
JPS TECHNOLOGIES TRAINER			
5 Years			
B. Tech.,			

Experimental Electrical Engineer with a demonstrated history of working in the Electrical Skilled in Site Management, Team Organizing, Time Managing, Contented, Effective Designing, Strong Engineering Professional with a Bachelor of Engineering Focused in Electrical and Electronics Engineering.

VILLUPURAM 605 601



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

**CIRCULAR** 

Date: 29.07.2022

It is hereby informed that our college is going to conduct a conduct a Seminar on "POWER ELECTRONICS AND DRIVES WITH ITS APPLICATION"for EEE students of our institute on 03.08.2022 at 09.30 am to 04.00 pm. All the EEE students and faculty members are cordially invited to attend this seminar. All the students and staff members are expected to give their fullest co-operation towards the smooth conduction of program.

#### Copy to:

- 1. Chairman
- 2. Principal
- 3. All Department HoD's
- 4. All Class Advisor
- 5. Main Notice Board/ Library Notice Board/ Office Notice Board
- 6. IQAC

#### Circular to:

- I. All staff members
- 2. Ail Students of EFF





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### ATTENDANCE FOR SEMINAR ON Date:03.03.2022

"POWER SYSTEM OPERATION AND CONTROL"

Time: 09.30 am

### Name of the Selected Spoke College: A.R ENGINEERING COLLEGE, KAPPIAMPULIYUR

#### REPORT OF THE PROGRAMME SEMINAR

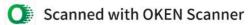
Date of Activity	03.08.2022 Time : 9.30 am to 04.00 pm		
Venue of Activity	Seminar Hall		
Activity Coordinators	1.power System problem could be as subtle as a light that dims every time a large motor starts or		
	as catastrophic as equipment failure.  2. Designed to store energy, both capacitors and batteries can effectively counteract undesirable		
	electrical characteristics .		
Charles	3. Reducing the real and reactive power losses		
Speaker	Mr.J.Jagan B.E, JPS TECHNOLOGIES		
Participants	6 Faculty Members along with Students		
Outcome and takeaways	1.Differentiate between different types of power		
	quality problems.		
	2. Sources of voltage sag, voltage swell, interruptions, transients, long duration over		
	voltages and harmonics in a power Rights		

A.R ENGINEERING COLLEGE, Department of Electrical and Electronics Engineering organized a Seminar on Power System Operation and Control. J.Jagan, vector Solutions, Pondicherry was the expert speaker on the occasion. The Seminar intended to tell about how to assess the power quality and also known the issues and solutions in emergency period. And to this course on Electrical Power Quality and system. Students of Electrical Engineering have to undergo this course as a subject in eighth semester.

It is needless to mention that how much we are dependent on electricity in our day to day life. A reasonable understanding on the basics of different problems and their solutions to applied electricity is therefore important for an electrical engineer. This paper will help the students know different power quality problems occurring in power system and provide brief idea about their Solutions With

VILLUPURAM 605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIRALANA





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### III YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420319105301	BALAKRISHNAN V	P
2	420319105302	KRISHNARAJ R	9
3	420319105303	LASARVIJAY B	Ð

### IV YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420318105001	DHARANEESHKUMAR R	P
2	420318105002	GAYATHRI M	6

VILLUPURAM CON CONTROL OF COS 601

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## CERTIFICATE OF PARTICIPATION

This is to certify that BAProgramme from 22.11.2021 to VECTOR SOLUTIONS.	ALAKRISHNAN V	has participated hi Internship Training gn & Technology Overview conducted at
03.08.2022	DA-11	
	Mr.J.Jayaprakash	IDS TECHNOLOGIC
Date	Managing Director	JPS TECHNOLOGIES

Dr. R. PANNEERDHASS, M.E., Ph.O., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





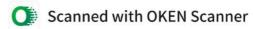
(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### CERTIFICATE OF PARTICIPATION

	KRISHNARAJ R has participate 2021 Electric Vehicle Design & Technolog	
	•	-
03.08.2022	Mr.J.Jayaprakash	
		JPS TECHNOLOGIES
Data	Managing Director	*

Dr.R.PANNEERDHASS,M.E..Ph PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### CERTIFICATE OF PARTICIPATION

		ed hi Internship Training Programme ogy Overview conducted at VECTOR
03.08.2022	Mr.J.Jayaprakash	
•••••		JPS TECHNOLOGIES
Date	Managing Director	

Dr.R.PANNEERDHASS,M.E.,Phil PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### **CERTIFICATE OF PARTICIPATION**

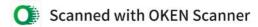
This is to certify that  $\_$  DHARANEESHKUMAR R  $\_$  has participated hi Internship Training Programme from 22.11.2021 to 27.11.2021 Electric Vehicle Design & Technology Overview conducted at VECTOR SOLUTIONS.

03.08.2022 Mr.J.Jayaprakash
...... JPS TECHNOLOGIES

Date Managing Director

Dr.R.PANNEERDHASS,M.E.,Ph PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

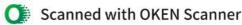
## CERTIFICATE OF PARTICIPATION

This is to certify that \_ \_ GAYATHRI M \_ has participated hi Internship Training Programme from 22.11.2021 to 27.11.2021 Electric Vehicle Design & Technology Overview conducted at VECTOR SOLUTIONS.

03.08.2022 Mr.J.Jayaprakash
...... JPS TECHNOLOGIES
Date Managing Director

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.







SLDLDETTE ATHEMATE TAMIL NADU
Date: 16/10/2023
The Chairman
A. R. Engineering College,
Kappiyampuliyus.

19AC

ை தாயோதான். மு.தா.வி.எண். 997/CI/14 19. வடக்கு அய்யனார்குளம் தேரு, விழுப்புரம், தமிழ்நாடு

# EMORANDUM OF UNDERSTANDING

# BETWEEN

A.R.ENGINEERING COLLEGE AND

# VEI TECHNOLOGIES PRIVATE LIMITED

### PARTIES:

# A.R.ENGINEERING COLLEGE

A.R Engineering College, which was set up in 2008, has laid the foundation of modern engineering education. Over the years, A.R Engineering College has evolved to reach and hold a unique position of pride in the technical education system in India. This college is known all over India for providing quality, technological and scientific education.



Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



AR Engineering College had a rich heritage of the past and had its standing as one of the best engineering colleges in Villupuram. As of now, A.R. Engineering College has 6 academic departments supported by the several service centers like Computer Centre, Instrumentation Centre and Central Library. The Institute offers 6 undergraduate (B.E) courses in Engineering ie Computer science and Engineering, Civil Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering and Artificial intelligence & Data Science

Vei Technologies Private Limited is a Private incorporated on 24 September 2021. It is classified as Non-govt company and is registered at Registrar of Companies, Chennai. Its authorized share capital is Rs. 1,000,000 and its paid up capital is Rs. 100,000. It is inolved in Other computer related activities [for example maintenance of websites of other firms/ creation of multimedia presentations for other firms etc.]

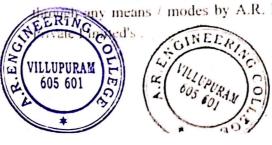
Vei Technologies Private Limited's Annual General Meeting (AGM) was last held on N/A and as per records from Ministry of Corporate Affairs (MCA), its balance sheet was last filed on 31 March 2022.

The partnership between Vei Technologies Private Limited's and A.R. Engineering college is aimed at providing a free skill up-gradation to the underprivileged students of the college as a step towards making them aware of the opportunities in their interest areas and guiding them to pursue their dream career by attaining necessary skills and knowledge through qualified trainers.

## Details of the Partnership:

- Vei Technologies Private Limited's will establish a free skill training and job readiness program for the underprivileged college students in A.R. Engineering college
- Training includes technical skills, soft skills training and interview preparedness to help the youth beat the fear of facing interviews
- A.R. Engineering college to provide name list of students who are interested in a particular course
- Duration of the program is 3 to 4 months which depends on the exam schedules of the college and course opted by the partner A.R. Engineering college
- The timing and duration of the sessions can be mutually agreed upon between the trainer, A.R. Engineering college and Vei Technologies Private Limited's.
- A.R. Engineering college will support students and trainer with lab infrastructure
- The student shortlisted by the college for the course will undergo an online assessment before the commencement of the course and upon completion of the course and thereby be certified by Vei Technologies Private Limited's.

• The certification process will be free of cost and no fee will be charged from the students ERIVATIVE means / modes by A.R. Engineering college traincrand Vei Technologies



Dr.R.PANNEERDHASS, M.E., Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. Kappiyampuliyur fost,

- Vei Technologies Private Limited's will provide data management system access and training to the trainer to capture the students data, attendance and assessment scores
- A.R. Engineering college along with the trainer identified will be monitoring the student attendance and retention and will be responsible for updating in the data management system provided by Vei Technologies Private Limited's
- Trainer(s) will be paid by Vei Technologies Private Limited's according to the company policies. A.R. Engineering college need not pay the trainer during the entire period
- Mode of payment will depend on the flexibility of the trainer and the A.R. Engineering college if the trainer is selected by the them
- If Vei Technologies Private Limited's is selecting the trainer, Vei Technologies Private Limited's will be responsible for the payment to the respective trainer allocated for the college
- Vei Technologies Private Limited's will be conducting various guest lectures, soft skills sessions and mock interviews to prepare the students for interviews during the period of training
- Vei Technologies Private Limited's will collaborate with its partner corporate in conducting job fairs / campus drives during or after the training period

### **Duration of the Agreement:**

The agreement between Vei Technologies Private Limited's and A.R. Engineering college is effective from July 2022 to June 2025.

This Agreement in its original form will remain in full force and effect except when Partners desire to amend the current Agreement to reflect a new understanding. Any amendment agreed upon will not take effect without the written and signed consent of both Partners.

Signed and made effective on 03.10.2022





Dr.R.PANNEERDHASS,M.E.,Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.

For and on behalf of

A.R. Engineering college Address:

Vadakuchipalayam, Kappiyampuliyur Post, Vikkaravandi TK, Villupuram - 605601.

For and on behalf of

Vei Technologies Private Limited's Address:

No 4, Sundramuthali Street, Gidangal, Tindivanam Tindivanam Villupuram-604001.

Dr.R.PANNEERDH

PRINCIPAL

A.R.ENGINEERING COLLEGE

Signature

Babu Ezhilavan

Director, Programmes

Vei Technologies Private Limited's

605 601

Dr.R.PANNEERDHASS,M.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST. VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### VEI TECHNOLOGIES PVT LTD

From
Mr. R.UDAYAKUMAR, M.E.,
Head of the department,
Department of EEE,
AR ENGINEERING COLLEGE.
Kappiampuliyur.

The Principal,

AR ENGINEERING COLLEGE,

Kappiampuliyur.

Respected Sir,

Sub: Requesting permission for Industrial Visit - Reg

Our Final year of EEE department students are planned for Free skill training and job readiness program on 14.11.2023. Our students. Kindly do the needful.

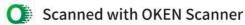
Thanking you,

Yours Faithfully,

(R.UDAYAKUMAR)

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-EGS EGT.







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### Department of Electronics and Electronics Engineering

**Permission Letter** 

From

R.Udayakumar,

Head of the Department,

Department of EEE,

AR ENGINEERING COLLEGE,

Kappiyampuliyur

TO

The director,

VEI Technologies private limited,

No 4, Sundramuthali street,

Gidangal,

Tindivanam.

605 601

Respected Sir/Madam,

Sub: Permission for an Industrial Visit at VEI TECHNOLOGIES PVT LTD - Regarding

Greetings from AR ENGINEERING COLLEGE

\*\*\*\*\*\*

The B. E - EEE students have an industrial visit as a part of our syllabus. In this regard, I request you to grant permission for IV students and 3 staff members to visit the "VEI TECHNOLOGIES PVT LTD" on 14.04.2023. I would be very much thankful if you could grant permission for the visit and guide the students during the visit. We should be great full for favorable response.

Thanking you,

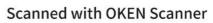
Thanks & regards,

R.UDAYAKUMAR,M.E

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL

A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST,

O





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

INDUSTRIAL VISIT REPORT

Y ear/Sem: IV/VII

Visited date: 14.04.2023

Company Name: VEI TECHNOLOGIES PVT LTD

Our college has organized an industrial visit on 14th April2023 to VEI TECHNOLOGIES PVT LTD for the Final year students of EEE department. This well-known establishment acts as a one-stop destination for servicing customer.



Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### III YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420319105301	BALAKRISHNAN V	P
2	420319105302	KRISHNARAJ R	P
3	420319105303	LASARVIJAY B	P

### IV YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420318105001	DHARANEESHKUMAR R	A
2	420318105002	GAYATHRI M	Р



Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

# VEI TECHNOLOGIES PVT LTD

CERTIFICATE OF COMPLETION OF SKILL BASED TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. BALAKRISHNAN V., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed SKILL BASED TRAINING in our training division from 15.11.2023 to 20.11.2023. During the above period, his/her involvement and attitude towards learning was found to be good.

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 604.



### **VEI TECHNOLOGIES PVT LTD**

#### CERTIFICATE OF COMPLETION OF SKILL BASED TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. KRISHNARAJ R., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed SKILL BASED TRAINING in our training division from 15.11.2023 to 20.11.2023. During the above period, his/her involvement and attitude towards learning was found to be good.

Dr.R.RANNEERDHASS, M.E., Ph. D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 604.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### VEI TECHNOLOGIES PVT LTD

CERTIFICATE OF COMPLETION OF SKILL BASED TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. LASARVIJAY B ., AR ENGINEERING COLLEGE , Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed SKILL BASED TRAINING in our training division from 15.11.2023 to 20.11.2023. During the above period, his/her involvement and attitude towards learning was found to be good.

PRINCIPAL

A.R.ENGINEERING COLLEGE

VADARUCHBAL AVAM

VADAKUCHIPALAYAM.

KAPPIYAMPULIYUR POST,

VILLUPURAM-605 691;





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### VEI TECHNOLOGIES PVT LTD

CERTIFICATE OF COMPLETION OF SKILL BASED TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. DHARANEESHKUMAR R., AR ENGINEERING COLLEGE , Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed SKILL BASED TRAINING in our training division from 15.11.2023 to 20.11.2023. During the above period, his/her involvement and attitude towards learning was found to be good.

Dr.R.PANNEERDHASS ME PHAL
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### VEI TECHNOLOGIES PVT LTD

CERTIFICATE OF COMPLETION OF SKILL BASED TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms.. GAYATHRI M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed SKILL BASED TRAINING in our training division from 15.11.2023 to 20.11.2023. During the above period, his/her involvement and attitude towards learning was found to be good.

Dr.R.PANNEERDHASS NO DED.

PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST,

VILLUPURAM 606 604.







MEMORANDUM OF UNDERSTANDING

BETWEEN NETLINK DIGITAL SOLUTION INDIA PVT LTD. மு. கா. வி. என். 997/C1/14

A. F. Emiro AND A.R.ENGINEERING COLLEGE, VILLUPURAM

o. sireurstra, 19. வடக்கு அய்யனார்குளம் தெரு

விடிப்புரம். தமிழ்நாடு

agreement made and entered into on 10 JAN 2022 between AS SOFT TECHNOLOGIES. CHENNAL and A.R.ENGINEERING COLLEGE, VILLUPURAM

### 1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

To promote interaction between in " AS NETLINK DIGITAL SOLUTION INDIA PVT LTD, A.R. ENGINEERING COLLEGE, VILLUPURAMCHENNAI&mutually beneficial to the Students in the area of Robotics & Automation Engineering.

NETLINK DIGITAL SOLUTION INDIA PVT LTD is an R&D firm primarily focuses on edu-tech to provide early technology exposure to students and nurture their innovation skills to serve as a pathway for students and corporates to learn the next gen technologies. We want our students to dominate the future with their innovations. It provides a rare level of skill set to students which rise up their job opportunities. We are well known for our fun-based collaborative practical teaching approach. We also create numerous national and international winners at various robotics and innovative contests held all over the world.



Dr.R.PANNEERDHASS, M.E., Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM,



# 2. PROPOSED MODES OF COLLABORATION

NETLINK DIGITAL SOLUTION INDIA PVT LTD, CHENNAI & A.R.ENGINEERING COLLEGE, VILLUPURAM proposes to collaborate through

- 1. AREC sponsoring 2nd, 3rd and 4th year students of All Department of Engineering courses.
- 2. NETLINK DIGITAL SOLUTION INDIA PVT LTD, CHENNAI will conduct Hands-on technical Training & Skill Development program, Internships (Involves selection process), Industrial Training and FDP/ technical sessions (only under mutual consent) to all students at AREC Premises.

#### 3. SCOPE OF MOU

Based on a study of the objectives and strengths of both the organizations, a MoU is agreed upon which envisages the following:

### a) Joint Interdisciplinary Research and Developmental projects:

Applying for joint projects from CSIR or UGC or other similar agencies funding research grants, mutual sharing of grants for the benefit of both organizations, joint publications arising from such research grants.

### b) Hands-on Commercial product Development Training & Skill Development program

The Company will provide Product based learning programs (in their expertise area) in coherent with curriculum every semester from semester III to VII, in the category of value added course. The learners can take away product after the successful completion of the training at the college premises. The financial consideration will be dealt on mutual acceptance.

#### c) Curriculum Design:

The company will give valuable inputs to the institution in teaching training methodology and suitably customize the curriculum so that the students fit into the industrial needs and standards.

# d) Sponsored Internships (The Company will bear the required material expenses)

The Company will provide Sponsored Internship to selected meritorious students" batch after conducting assessment during the value added course period. The terms and conditions for this will be dealt separately. (Standard selection process involved)

## e) Industrial Training and Visit

NETLINK DIGITAL SOLUTION INDIA PVT LTD, CHENNAI can arrange possibly industrial visits and training in relevant fields depending upon the availability. The industrial training and exposure provided to the students and faculties through this association to build confidence and prepare the students to have a smooth transition from academic to working career.



Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

### & Faculty Development program

NETLING DIGITAL SOLUTION INDIA PVT LTD, CHENNAL will provide faculty development programs to teach the faculties in the emerging trends of technology. The term FDP involves before sessions, open source software's and company copyrighted learning materials (if any) to the department. The institution needs to provide customary support of providing transport and staying facilities to the trainer's assigned by the company.

NETLINK DIGITAL SOLUTION INDIA PVT LTD, CHENNAL is trying to expand the facilities, no activities (above mentioned) will be carried out at the company premises till further notice. All training internships and other programs will be carried at college premises only.

#### 4. Relationship between parties

It is expressly, agreed that both parties are acting under this MoU shall not be constructed as partnership. Neither party is authorize to use the other parties name in any way to make any representation, or create any obligation or hability, expressed or implied on behalf of other party Neither party shall have nor represent itself as having any authority user the terms of this MoU to make the agreement of any kind in the name of binding upon the other party, to pledge the other party's credit or to extend the credit on behalf of the other parts

To facilitate the implementation of this agreement, each party shall designate one or more liaison officers to serve on a standing committee. The standing committee will meet as and when required. The standing committee would review each party's participation in this agreement, assess the effectiveness of the agreement and identify modifications that might be necessary. The committee would as appropriate address urgent issues and specific cases of non-compliance.

#### 5. Amendments

No amendments or modifications of this MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MoU. The modifications shall be effective from the date on which they are made or

### 6. Sole Arbitration Clause

If any dispute or difference whatsoever arising between the parties hereto out of or relating to the construction of meaning and operation or effect of this agreement or breach thereof, which cannot be settled between the parties shall be settled in accordance with the provisions of Arbitration and Conciliation Act 1996 by referring the dispute to a sole arbitrator and the award made in pursuance 7. Duration Of The Mou

The duration of this MoU shall be for 5 Years from the date of signing of this MoU and shall be renewed on mutual agreement by both parties thereon. It may be modified by mutual written consent of



Dr.R.PANNEERDHASS,M.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST

# 8. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

By signing below, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of

AS SOFT TECHNOLOGIES, CHENNAI	A.R.ENGINEERING COLLEGE TO ON VILLUPURAM
By : Mr.R.ABINASH	By : Some : Dr.R.RANNEERDHASS
Title : DIRECTOR	Title : PRINCIPAL
Date : 10.01.2022	Date : 10.01.2022



Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu

NETLINK DIGITAL SOLUTION PVT LTD

Date: 04.11.2021

To

Mr.R.ABINASH,

Director,

Net link digital solution pvt ltd,

Chennai.

Respected Sir,

Sub: Requesting Permission for our Students to undergo Internship Training in your Organization-Reg.

\*\*\*\*Warm greetings from AR ENGINEERING COLLEGE, Kappiampuliyur\*\*\*\*

The following students are studying IV Year /VII semester full time BE in computer science engineering in our college from 2018 to 2022. As a curriculum, they have to undergo Internship Training in any IT or someother industry. We also assure that, the following candidates will abide by the rules and regulations of "NETLINK DIGITAL SOLUTION PVT LTD" Skill oriented Training Provider.

Hence, we request to perm1t our above mentioned students to undergo Internship Training in your esteemed organization, for a period of Six Days at any of your convenient dates in November or December 2021.

Thanking you,

Place:Kappiampuliyur



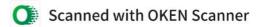
Dr.R.PANNEERDHASS,M.E.,Ph.D...
PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST,

VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu

About Net link digital solution pvt ltd:

Net link digital solution pyt ltd is an Delivering technology solutions that yield immediate business results isn't just our business; it's what drives us to succeed every day. We innovate with Passion. Established in 1998, Netlink has grown to become a global business technology services and solutions company headquartered in Detroit, Michigan. With offices in 18 other locations across the globe. Our portfolio of services is a complete set of technology-enabled business tools, customized, integrated, and managed by a world-class team of technology specialists.

We firmly believe that a great business solution should offer the best product and the best service that ensures that the product delivers results as expected. Netlink with its 2000+ strong team adept at providing value-added technology and business solutions across the globe. Our digital transformational business solutions include Automation, ERP Services, BI & Analytics Services, Software Factory as a Service, Artificial Intelligence & Machine Learning, Cloud and Infrastructure, Enterprise Mobility, BPO Audit & Document Imaging, and ESG Management. Backed with all leading certifications and thoroughly experienced experts, Netlink provides its clients with an unmatched cost and productivity advantage. World's leading brands have trusted Netlink to address their IT needs with effective and impeccable solutions.



INEERDHASS,M.E.,Ph D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu

### IV YEAR CSE NAME LIST 2020 -21

S.NO	REG.NO	STUDENT NAME	
1	420317104004	GOWSALYA R	O
2	420317104007	JAYASRI P	D
3	420317104010	MANIKANDAN P	
4	420317104012	NIVEDHA R	A
5	420317104015	PREMKUMAR P	0
6	420317104016	PRIYANKA R	
7	420317104018	RABIYA D	
8	420317104019	RAJESHWARI N	O
9	420317104020	SAKTHIVEL N	
10	420317104022	SATHISH A	
11	420317104024	SHALANI S	V
12	420317104027	SUNILJOSHI V	
13	420317104028	VALLARASU K	
14	420317104029	VANISHREE N	
15	420317104031	YUVARANI M	MIC AND LOWING THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF

ANNEERDHASS, M.E., Ph. D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



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isstrade à gmail, com Eprocurment: www.sivasankari1981@gmail.com

(63802 44480

Corporation Mobile rading

Scientific & Lab Equipment, Scientific Instruments SF 232, Fourth Cross, Vanapadi Road, Sipcot, Ranipet -632403

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

A.R.ENGINEERING COLLEGE, VILLUPURAM

SS TRADING CORPORATION, RANIPET

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 04 day of Month 2022 April by and between.

A.R.ENGINEERING COLLEGE, VILLUPURAM, the First Party represented herein by its Principal, Dr.R.Panneerdhass, A.R.Engineering College, Villupuram and SS Trading Corporation, Ranipet, vanapadiRoad, Sipcot, Ranipet, 632403. The Second party, and represented herein by its Manager Mrs. J. Shivasankari,.

### WHEREAS:

- A) First Party is a Higher Educational Institution named: A.R. Engineering College, Villupuram
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Placement, Industrial Visit, Expert Lecture.

D)SS Trading Corporation, Ranipet-the Second Party is engaged in Guest Lectures, Placement training etc.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

#### CLAUSE 1

VILLUPURA

### **CO-OPERATION**

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.

1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, ejeyant agreement.

> Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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:sstrade a gmail.com Eprocurment: www.sivasankari1981@gmail.com

:63802 44480

# **Trading Corporation**

Scientific & Lab Equipment, Scientific Instruments SF 232, Fourth Cross, Vanapadi Road, Sipcot, Ranipet -632403

#### **CLAUSE 2**

#### SCOPE OF THE MOU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the A.R. Engineering college the first party to take up any program mention in MOU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

#### **CLAUSE 3**

### VALIDITY- [3 year]

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

#### **CLAUSE 4**

## RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that (First Party) A.R.Engineering college, Villupuram and (Second Party) SS Trading Corporation, Ranipet- are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

Dr.R.Panneerdhass

Principal,

A.R.Engineering college.

Vadakuchipalayam, Kappiyampuliyur

Villupuram District.

Tamilnadu-605601.

Mrs.J.Shivasankari, Managing director,

SF 232 Fourth Cross

Vanapadi Road ,Sipcot ,

Ranipet -632403



.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



Date: 04.11.2022

To

Mrs.J.shivasankari,

Managing director,

SF 232 Fourth cross,

Vanapadi Road,

Sipcot,

Ranipet-632403

Respected Sir,

Sub: Requesting Permission for our Students to undergo Internship Training in your Organization-Reg.

\*\*\*\*Warm greetings from AR ENGINEERING COLLEGE, Kappiampuliyur\*\*\*\*

The following students are studying IV Year /VII semester full time BE in Mechanical Engineering in our college from 2018 to 2022. As a curriculum, they have to undergo Internship Training in any Industry. We also assure that, the following candidates will abide by the rules and regulations of "SS TRADING CORPORATION" Skill oriented Training Provider.

Hence, we request to perm1t our above mentioned students to undergo Internship Training in your esteemed organization, for a period of Six Days at any of your convenient dates in November or December 2022.

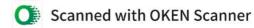
Thanking you,

Place:Kappiampuliyur

Dr.R.PANNEERDHASS, M.E., Ph. 0
PRINCIPAL

A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





### About SS trading corporation:

- S S Trading Corporation is an Authorized Dealer and Supplier for Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools, ISO Holders etc of leading brands.
- S S Trading Corporation is a vertically integrated distributor of a broad range of consumable tools and wear resistant parts & supplies and services for the metalworking industries. Our products are according to DIN, IS, JIS and American Standards. We are based at Peenya Industrial Area with multi-products and multi-brands stocking facility to make it convenient and accessible for our customers.
- S S Trading Corporation is committed for prompt delivery of quality products from leading brands around the world. We have been sourcing Standard and Customized tools for our clients since 1974 at a competitive cost. We have a vast range of customers from various industries like Transportation. Automobile, Aeronautical, Telecommunication, Infrastructure, Electronics, Building Construction, Earth Moving, etc.

Dr.R.RANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST.
VILLUPURAM-605 601.



### IV YEAR NAME LIST - MECH 2021-2022

A V A V A V A V A V A V A V A V A V A V			
S.NO	REG.NO	STUDENT NAME	
1	420318114001	AJITH M	ı.A
2	420318114002	AJITHKUMAR M	P
3	420318114003	ARULKUMAR S	P
4	420318114006	DINESHKUMAR M	P
5 ·	420318114007	DINESHKUMAR V	A
6	420318114009	EZHILMULLAIARASU M	P
7	420318114010	GURUMOORTHI S	6
8	420318114011	JAYAMOORTHY J	P
9	420318114015	NIJANTHAN J	P
10	420318114017	RAGURAMAN R	P
11	420318114018	RAJ A	P
12	420318114019	RAKESH R	P
13	420318114020	RAMPRASATH D	P
14	420318114021	RANGARAJAN R	P
15	420318114023	TAMILSELVAM S	P
16	420318114024	UDHAYAKUMAR M	P
17	420318114027	VIGNESHWARAN M	P
18	420318114028	YUVARAJP	P
19	420318114029	YUVARAJ T	P

Dr.R.PANNEERDHASS,M.E.,27 PRINCIPAL A.R.ENGINEERING COLLEG VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



SF 232 FOURTH CROSS,

VANAPADI ROAD,

SIPCOT,

RANIPET-632403

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. ARTH Mr., AR ENGINEERING COLLEGE, Kappiampuliyur, FV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Procision Measuring and Lesting Instruments. Importion Looks Meast i using Look, Abrasives, Fastemers, Looksom Accessories, Labricants, Hand Look, Bearings, Deburing Took, Procuraise Tooks, Solid Carbide Look, Wire Rope and Slings, 1855. Catting Looks during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS,ME.PHO.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



SF 232 FOURTH CROSS,

VANAPADI ROAD,

SIPCOT,

RANIPET-632403

04.11.2022

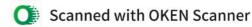
### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

This is certify that the Mr/Ms. AJITHKUMAR M., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments. Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories, Lubricants. Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





SF 232 FOURTH CROSS,

VANAPADI ROAD,

SIPCOT,

RANIPET-632403

### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

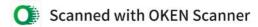
04.11.2022

This is certify that the Mr/Ms. ARULKUMAR S., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments. Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings. Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*\*

Dr.R.PANNEERDHASS, M.E., Ph.D.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR ROST

WILLUPURAM .



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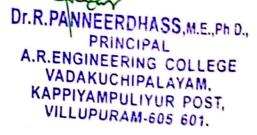
RANIPET-632403

### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. DINESHKUMAR M,AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools. Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories. Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*\*





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VANAPADI ROAD,

SIPCOT,

RANIPET-632403

### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. EZHILMULLAIARASU M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives. Fasteners. Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*\*



Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

SF 232 FOURTH CROSS,

VANAPADI ROAD,

SIPCOT,

RANIPET-632403

#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. GURUMOORTHI S, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives. Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools. Pneumatic Tools, Solid Carbide Tools. Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

DI.R. PANNEERDHASS ME OF D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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VANAPADI ROAD,

SIPCOT,

RANIPET-632403

#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. JAYAMOORTHY J, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives. Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM. 605 601.



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VANAPADI ROAD,

SIPCOT,

RANIPET-632403

# CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. NIJANTHAN J, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from **04.11.2022**. During the training period, he/she had hands on Precision Measuring and Testing Instruments. Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories. Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS, M.E., P.F. O.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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SIPCOT,

RANIPET-632403

#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. RAGURAMAN R , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022 . During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools. Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS,Me.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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VANAPADI ROAD,

SIPCOT,

RANIPET-632403

#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. RAJ A ,AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from **04.11.2022**. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories. Lubricants. Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS, M.E., Ph.O.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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RANIPET-632403

### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. RAKESH R ,AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments. Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS, ME, Ph. 3., PRINCIPAL

A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. RAMPRASATH D ,AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments. Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners. Toolroom Accessories. Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools. Solid Carbide Tools. Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*





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#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. RANGARAJAN R ,AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments. Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS, M.E., Ph. D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM.

KAPPIYAMPULIYUR POST,

VILLUPURAM-605 601.



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#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. TAMILSELVAM S , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from **04.11.2022**. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives. Fasteners. Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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RANIPET-632403

### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. UDHAYAKUMAR M , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives. Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS, M.E. Ph O.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

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This is certify that the Mr/Ms. VIGNESHWARAN M , AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from 04.11.2022. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

A.R.ENGINER AG CONT VADAKUCHIPALA (A) KAPPIYAMPULIYUR PC VILLUPURAM-605 601.



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### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

04.11.2022

This is certify that the Mr/Ms. YUVARAJP, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from **04.11.2022**. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools. Metal Cutting Tools. Abrasives, Fasteners, Toolroom Accessories, Lubricants. Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*

Dr.R.RANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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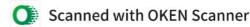
04.11.2022

This is certify that the Mr/Ms. YUVARAJT, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Mechanical Engineering. Have successfully completed internship program in our training division from **04.11.2022**. During the training period, he/she had hands on Precision Measuring and Testing Instruments, Inspection Tools, Metal Cutting Tools, Abrasives, Fasteners, Toolroom Accessories, Lubricants, Hand Tools, Bearings, Deburring Tools, Pneumatic Tools, Solid Carbide Tools, Wire Rope and Slings, HSS Cutting Tools during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASSME. DE SAN E. DE SA







www.zaphire.com

# MEMORANDUM OF UNDERSTANDING (MoU)

#### BETWEEN

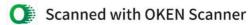
A.R ENGINERING COLLEGE Vadakuchipalayam, Kappiyampuliyur Post, Villupuram-605601

AND

ZAPHIRE INFORMATION TECHNOLOGY AND SERVICES PRIVATE LIMITED



Dr.R.PANNEERDHASS,M.E.,Ph.O.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST.
VILLUPURAM-605 601.





हार्मिकेष्टाकि यान्यानाई TAMIL HADU

Date: 15/11/2022 A.R. Engineering College Kappiyampuliyur 57AA 928217

ை குருபோருரன். மு.தா.வி.எண். 997/C1/14 49.வடக்கு சுய்யனர்குளம் தெரு. விழுப்புரம், தமிற்நாடு.

#### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 16 day of November. 2022 by and between

A.R. ENGINEERING COLLEGE, Villupuram, the First Party represented herein by its Dr. R.PANNEERDHASS, Principal (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

#### AND

ZAPHIRE INFORMATION TECHNOLOGY AND SERVICES PRIVATE LIMITED (U72900TN2021PTC140751), THE SECOND PARTY, and represented herein by its DIRECTOR DIVAN GAMALIEL. (hereinafter referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its procession in-office, administrators and assigns).

and Second Party are hereinafter jointly referred to as

A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMBIH PALAYAM,

O

The First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities to benefit students and job seekers. The Parties intend to cooperate within the area of Skill-Based Training and Placement Assistance and Internships

Now, therefore, in consideration of the mutual promises set forth in this MoU, the parties here too agree as follows:

#### 1. SCOPE OF THE MOU

- 1.1 Co-operation and Collaboration: The students from the institution can play a key role in technological up-gradation, innovation, and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge and career prospects.
- 1.2 Placement of Trained Students: The Second Party will actively engage to help in the placement of the students of the First Party in suitable jobs and internships.
- 1.3 There is no financial commitment on the part of either party in the scope of these assisted placement initiatives offered by the Second Party. The placement assistance offered is subject to the following terms:
- 1.3.1 To be considered for placement assistance /Internship, students must be registered in the Zaphire platform.
- Students must create a VIDEO resume using the available templates on the Zaphire app. 1.3.2
- All VIDEO resumes must be in English, and meet the minimum quality criteria as 1.3.3 ascertained and checked by Zaphire's representatives regarding aspects like completeness, the accuracy of the information, quality of audio and video etc.
- 1.3.4 Zaphire's computer algorithm and its representatives will screen and shortlist the students for various available opportunities based on skills, experience, job location, and any other fitment parameters necessary.
- 1.3.5 While the intent is to place as all qualified students as possible, there is no assurance from the Second Party on placement outcomes since this depends on a host of factors and fitment criteria.
- 1.3.6 If a student is successfully placed in a job/program/internship in which the client trains students / invest money in skill up-gradation but chooses to leave the job/program within 3 months from the start date for whatever reason OR is asked to leave for reasons of performance, conduct or any other reason, the First Party agrees to offer a suitable replacement candidate as soon as possible.

#### 2. INTELLECTUAL PROPERTY

2.1 Nothing contained in this MOU shall, by express grant, implication, estoppel or otherwise. create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copyrights and designs) of the

ERINGsther Party.

2 pity

Agreement will be valid until it is expressly terminated by either PRINCIPAL mally A.R. ENGINEERING COLLING MOULT ANY act on the part of either party after terminated by either PRINCIPAL mully AREA COLLING WAS AREA OF THE PAIR OF THE this MOU. Any act on the part of either party after termination appropriate the party after termination and propriate the party after the part of communication, correspondence, etc., shall not be construed as a VI terrior extension of the communication. 3.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of termination, both parties must discharge their obligations as mutually discussed.

#### J. NON-CIRCUMVENTION

4.1 The First Party agrees not to engage with, directly or indirectly, the clients of the Second Party while the MOU is active.

#### 5. RELATIONSHIP BETWEEN THE PARTIES

- 5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.
- 5.2 It is also agreed that the First Party agrees to have the Second Party use the logo and branding for marketing purposes on the website, brochures, social media, and other media events to help get the required visibility and exposure for the students.

First Party

Second Party

A.R. ENGINEERING COLLEGE	Zaphire Information Technology and
Vadakuchipalayam,	Services Private Limited.
1000	Shakthi Towers – 1, 766 Anna Salai, Chennai, Tamil Nadu 600002

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the Second Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Chennai.

#### AGREED:

VILLUPURAM 605 601

For A.R. ENGINEERING COLLEGE For

ZAPHIRE INFORMATION TECHNONOGY AND SERVICES PRIVATE LIMITED

Diver Gamela

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

Authorized Signator R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST.

VILLUPURAM-605 601.

A.R. FAGINEERING COLLEGE	ZAPHIRE INFORMATION TECHNOLOGY AND SERVICES PRIVATE LIMITED
Vadakachqvalayam, Kappiyampuliyur Post. Villupuram-rs05601	Address: Shakthi Towers - 1. 766 Anna Salai Chennai Famil Nadu 600002
Contact (Nearly 9445070067	Contact Details: +91-8489929816
F-mail aree sver@gmail.com	E-mail: divan@zaphire.live
Wey www startes com	Web: www.zaphire.live

#### MINESS

M. VIVEKA NANDHAN



A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

From

Mr. R.UDAYAKUMAR, M.E.,

Head of the department,

Department of EEE,

AR ENGINEERING COLLEGE.

Kappiampuliyur-608301.

TO

The Principal,

AR ENGINEERING COLLEGE,

Kappiampuliyur-608301.

Respected Sir,

Sub: Requesting permission for Industrial Visit - Reg

Our Third and Final year of EEE department students are planned for One-day industrial visit on 14.12.2022. Our students are requesting to visit at ZAPHIRE INFORMATION TECHNOLOGIES AND SERVICES PRIVATE LIMITED, Shakthi Towers-1,766,Anna salai, Chennai. In this regard, I am requesting your permission to permit the students. The company permission letter and complete trip schedule are enclosed with this letter for your kind perusal. Kindly do the needful.

Thanking you



P. U. L. P. COLLEGE OF THE COLLEGE O



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### **Department of Electronics and Electronics Engineering**

#### **Permission Letter**

From

R.Udayakumar,

Head of the Department,

Department of EEE,

AR ENGINEERING COLLEGE,

Kappiyampuliyur-60830

TO

Zaphire Information Technology and services private limited,

Shakthi towers-1,

766, ANNA SALAI,

CHENNAI- 600002

Tamil Nadu.

Respected Sir/Madam,

Sub: Permission for an Industrial Visit at Zaphire Information Technology and services private limited,

- Regarding

Greetings from AR ENGINEERING COLLEGE

The B. E - EEE students have an industrial visit as a part of our syllabus. In this regard, I request you to grant permission for students (II, III, & IV) and 6 staff members to visit the Zaphire Information Technology and services private limited, Chennai on 14.12.2022. I would be very much thankful if you could grant permission for the visit and guide the students during the visit. We should be great full for

> Thanks & regards R.UDAYAKUMAR,N 2. Udayalar

A.R. ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST,

VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### INDUSTRIAL VISIT REPORT

Y ear/Sem: III ,IV/V,VII

Visited date: 14.12.2022

Company Name: .Zaphire Information Technology and services private limited, CHENNAI

Our college has organized an industrial visit on 14.12.2022 to Zaphire Information Technology and services private limited for the second, third and Final year students of EEE department. ZAPHIRE INFORMATION TECHNOLOGY AND SERVICES PRIVATE LIMITED established in the year 2015, It is a top player company in the category . This well-known establishment acts as a one-stop destination for servicing customer.

Over the course of its journey, this business has established a firm foothold in it's industry. The belief that customer satisfaction is as important as their products and services, have helped this establishment gamer a vast base of customers, which continues to grow by the day. This business employs individuals that are dedicated towards their respective roles and put in a lot of effort to achieve the common vision and larger goals of the company. In the near future, this business aims to expand its line of products and services and cater to a larger client base. It is an effortless task in commuting to this establishment as there are Electronic Component, Engineering Las Equipment Dealers, Instrument Test Control Measuring

> Dr.R.PANNEERDHASS, M.E., Ph O., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### **III YEAR EEE NAME LIST 2022-23**

S.NO	· REG NO	NAME	
1	420319105301	BALAKRISHNAN V	P
2	420319105302	KRISHNARAJ R	P
3	420319105303	LASARVIJAY B	А

#### IV YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	1
1	420318105001	DHARANEESHKUMAR R	- P
2	420318105002	GAYATHRI M	6

WEERING COLUMN TO THE SECOND CO.

Dr.R.PANNEERDHASS, M.E., Ph D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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#### ZAPHIRE INFORMATION TECHNOLOGY PVT LTD

Shakthi towers-1,

766, ANNA SALAI,

**CHENNAI-600002** 

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. BALAKRISHNAN V ., AR ENGINEERING COLLEGE , Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division on 14.12.2022. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

Dr.R.PANNEERDHASS,M.E.,Ph.O.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





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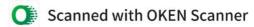
20.11.2021

This is certify that the Mr/Ms KRISHNARAJ R.., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from on 14.12.2022. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST.
VILLUPURAM-605 601.

VILLUPURA







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#### ZAPHIRE INFORMATION TECHNOLOGY PVT LTD

Shakthi towers-1,

766, ANNA SALAI,

**CHENNAI- 600002** 

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms LASARVIJAY B.., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division on 14.12.2022. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good



Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 501.





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### ZAPHIRE INFORMATION TECHNOLOGY PVT LTD

Shakthi towers-1,

766, ANNA SALAI,

**CHENNAI- 600002** 

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. DHARANEESHKUMAR R AR ENGINEERING COLLEGE , Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division on 14.12.2022. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

THURWAN COLLEGE

Dr.R.PANNEERDHASS, M.E., Ph 0.

PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM.

KAPPIYAMPULIYUR POST.

VILLUPURAM. 605 601.





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#### ZAPHIRE INFORMATION TECHNOLOGY PVT LTD

Shakthi towers-1,

766, ANNA SALAI,

**CHENNAI- 600002** 

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2021

This is certify that the Mr/Ms. GAYATHRI M AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 14.12.2022. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

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Dr.R.PANNEERDHASS MELPAD.

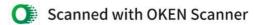
PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST,

VILLUPURAM-605 601.





ழ்நாடு त्रामलनाडु ṬAMIL NADU Dod : 16/10/2023

விழுப்புரம். தமிழ்நாடு

MEMORANDUM OF UNDERSTANDING BETWEEN I3 AUTOSYS PRIVATE LIMITED, CHENNAI AND A.R.ENGINEERING COLLEGE, VILLUPURAM

This agreement made and entered into on 06th March 2023 between 13 AUTOSYS PRIVATE LIMITED, CHENNAI and A.R.ENGINEERING COLLEGE, VILLUPURAM

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

a. To promote interaction between in "13 AUTOSYS PRIVATE LIMITED, CHENNAI & A.R.ENGINEERING COLLEGE, VILLUPURAM mutually beneficial to the Students in the area of Robotics & Automation Engineering.

13 AUTOSYS PRIVATE LIMITED is an R&D firm primarily focuses on edu-tech to provide early technology exposure to students and nurture their innovation skills to serve as a pathway for students and corporates to learn the next gen technologies. We want our students to dominate the future with their innovations. It provides a rare level of skill set to students which rise up their job opportunities. We are well known for our fun-based collaborative practical teaching approach. We also create numerous national and international winners at various robotics and innovative contests held all over the world.

PROPOSED MODES OF COLLABORATION

"13 AUTOSYS PRIVATE LIMITED, CHENNAL & A.R.ENGINEERING COLLEGE, VILLUPURAM proposes to collaborate through

- 1. AREC sponsoring 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students of All Department of Engineering courses.
- 2. 13 AUTOSYS PRIVATE LIMITED, CHENNAI will conduct Hands-on technical Training & Skill Development program, Internships (Involves selection process

RING COLLEGE puliyur (P.O), Villupuram AQR6ENGII Ph 04146-232121, 9487447625 E-mail arec svet@gmail.com /

slely; NEERA

Training and FDP/ technical sessions (only under mutual consent) to all students at AREC Premises.

#### 3. SCOPE OF MoU

Based on a study of the objectives and strengths of both the organizations, a MoU is agreed upon which envisages the following:

#### a) Joint Interdisciplinary Research and Developmental projects:

Applying for joint projects from CSIR or UGC or other similar agencies funding research grants, mutual sharing of grants for the benefit of both organizations, joint publications arising from such research grants.

### b) Hands-on Commercial product Development Training & Skill Development program

The Company will provide Product based learning programs (in their expertise area) in coherent with curriculum every semester from semester III to VII, in the category of value added course. The learners can take away product after the successful completion of the training at the college premises. The financial consideration will be dealt on mutual acceptance.

#### c) Curriculum Design:

The company will give valuable inputs to the institution in teaching/training methodology and suitably customize the curriculum so that the students fit into the industrial needs and standards.

#### d) Sponsored Internships (The Company will bear the required material expenses)

The Company will provide Sponsored Internship to selected meritorious students' batch after conducting assessment during the value added course period. The terms and conditions for this will be dealt separately. (Standard selection process involved)

#### e) Industrial Training and Visit

I3 AUTOSYS PRIVATE LIMITED, CHENNAI can arrange possibly Industrial visits and training in relevant fields depending upon the availability. The industrial training and exposure provided to the students and faculties through this association to build confidence and prepare the students to have a smooth transition from academic to working career.

#### f) Faculty Development program

13 AUTOSYS PRIVATE LIMITED, CHENNAI will provide faculty development programs to teach the faculties in the emerging trends of technology. The term FDP involves





Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL

A.R. ENGINEERING COLLEGE

VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

lecture sessions, open source software's and company copyrighted learning materials (if any) to the department. The institution needs to provide customary support of providing transport and staying facilities to the trainer/s assigned by the company.

As I3 AUTOSYS PRIVATE LIMITED, CHENNAI is trying to expand the facilities, no activities (above mentioned) will be carried out at the company premises till further notice. All training, internships and other programs will be carried at college premises only.

#### 4. Relationship between parties

It is expressly agreed that both parties are acting under this MoU shall not be constructed as partnership. Neither party is authorize to use the other parties name in any way to make any representation, or create any obligation or liability, expressed or implied on behalf of other party Neither party shall have nor represent itself as having any authority user the terms of this MoU to make the agreement of any kind in the name of binding upon the other party, to pledge the other party's credit or to extend the credit on behalf of the other party

To facilitate the implementation of this agreement, each party shall designate one or more liaison officers to serve on a standing committee. The standing committee will meet as and when required. The standing committee would review each party's participation in this agreement, assess the effectiveness of the agreement and identify modifications that might be necessary. The committee would as appropriate address urgent issues and specific cases of non-compliance.

#### 5. AMENDMENTS

No amendments or modifications of this MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MoU. The modifications shall be effective from the date on which they are made or executed, unless otherwise agreed to.

#### 6. SOLE ARBITRATION CLAUSE:

If any dispute or difference whatsoever arising between the parties hereto out of or relating to the construction of meaning and operation or effect of this agreement or breach thereof, which cannot be settled between the parties shall be settled in accordance with the provisions of Arbitration and Conciliation Act 1996 by referring the dispute to a sole arbitrator and the award made in pursuance thereof shall be final and bind on the parties.





Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
WADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.

### 7. DURATION OF THE MOU

The duration of this MoU shall be for 5 Years from the date of signing of this MoU and shall be renewed on mutual agreement by both parties thereon. It may be modified by mutual written consent of both the parties.

### 8. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

By signing below, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of 13 AUTOSYS PRIVATE LIMITED, **CHENNAI** 

Name: Mr. BALAJI THIRU

Title: DIRECTOR

Date: 06-03-2023

Witness:

Title

Date

Witness:

On behalf of

VILLUPURAM

A.R.ENGINEERING COLLEGE,

Name : Dr.R.PANNEERDHASS

: PRINCIPAL

: 06-03-2023

DAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### 13 AUTOSYS PRIVATE LIMITED

Date: 04.11.2023

To

Mr.M.Tamilmaran

Operation Head,

48, Pillayar Koil street,

Anumanthaputheri,

Chengalpattu-603002.

Respected Sir,

Sub: Requesting Permission for our Students to undergo Internship Training in your Organization-Reg.

\*\*\*\*Warm greetings from AR ENGINEERING COLLEGE, Kappiampuliyur\*\*\*\*

The following students are studying IV Year /VII semester full time BE in Electrical and Electronics Engineering in our college from 2018-2023. As a curriculum, they have to undergo Internship Training in any Industry. We also assure that, the following candidates will abide by the rules and regulations of 13 AUTOSYS PRIVATE LIMITED Skill oriented Training Provider.

Hence, we request to perm1t our above mentiOned students to undergo Internship Training in your esteemed organization, for a period of Six Days at any of your convenient dates in November or December 2023.

Thanking you,

Place:Kappiampuliyur

Date:04.11.2023

RINCIPAL

VADAKUEIHPALAYAM



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### IV YEAR EEE NAME LIST 2022-23

s.no	REG NO	NAME	
,	420319105301	BALAKRISHNAN V	9.
2	420319105302	KRISHNARAJR	P
3	420319105303	LASARVIJAY B	P

A.R.ENGINELIN

VADAKUCHIPALATAR KAPPIYAMPULIYUR POSÍ, VILLUPURAM-605 601.







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### **B AUTOSYS PRIVATE LIMITED**

No 49, SRIPERUMBUDUR,

KANCHIPURAM-602105(SENGADU)

MOBILE NUMBER:+91 9176602176

#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. BALAKRISHNAN V , AR ENGINEERING COLLEGE , Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2023 to 20.11.2023. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPLIRAM-605-604.



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# B AUTOSYS PRIVATE LIMITED No 49, SRIPERUMBUDUR, KANCHIPURAM-602105(SENGADU)

MOBILE NUMBER:+91 9176602176

#### CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. KRISHNARAJ R AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2023 to 20.11.2023. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good

\*\*\*\*\*We wish the very best on his/her future career\*\*\*\*\*

Dr.R.PANNEERDHASS, M.E., P. D.,
PRINCIPAL

A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.







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B AUTOSYS PRIVATE LIMITED

No 49, SRIPERUMBUDUR,

KANCHIPURAM-602105(SENGADU)

MOBILE NUMBER:+91 9176602176

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

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\*\*\*\*\*We

wish

the

very

best

on

his/her

future

career\*\*\*\*

ERING COLLEGE

Dr.R.PANNEERDHASS, M.E. Ph.O.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VABAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
WILLUPURAM: 605 601;

6/4/200



2023

क्राधीप्रकृति तिमलनाडु TAMIL NADU The Chairman, DR. Engineering College, Kappingampuliyan. விழுப்புரம், தமிழ்நாடு

### MEMORANDUM OF UNDERSTANDING ROBOTICS FOUNDATION OF TAMILNADU, KALLAKURICHI A.R.ENGINEERING COLLEGE, VILLUPURAM

This agreement made and entered into on 06% March 2023 between ROBOTICS FOUNDATION OF TAMILNADU, KALLAKURICHI and A.R.ENGINEERING COLLEGE, VILLUPURAM

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- a. To promote interaction between in "ROBOTICS FOUNDATION OF TAMILNADU, KALLAKURICHI & A.R.ENGINEERING COLLEGE, VILLUPURAM mutually beneficial to the Students in the area of Robotics & Automation Engineering
- ROBOTICS FOUNDATION OF TAMILNADU is an R&D firm primarily focuses on edu-tech to provide early technology exposure to students and nurture their innovation skills to serve as a pathway for students and corporates to learn the next gen technologies. We want our students to dominate the future with their innovations. It provides a rare level of skill set to students which rise up their job opportunities. We are well known for our fun-based collaborative practical teaching approach. We also create numerous national and international winners at various robotics and innovative contests held all over the world. ROBOTICS FOUNDATION OF TAMILNADU has delivered more than 200 products, 500+ projects and has trained more than 3000 students in various domains including Embedded Systems, Robotics, IoT, etc. Founded in 2008 at Villupuram, we have been committed to being the best at what we do, serving clients all over India by not just meeting their needs, but exceeding them.



2. PROPOSED MODES OF COLLABORATION

KALLAKURICIII SS,M.E.,Ph D., "ROBOTICS FOUNDATION TAMILNADU. A.R.ENGINEERING COLLEGE, VILLUPURAM proposes to college,

MEEDING COLLEGE



#### fi Faculty Development program

ROBOTICS FOUNDATION OF TAMILNADU will provide faculty development programs to teach the faculties in the emerging trends of technology. The term FDP involves lecture sessions, open source software's and company copyrighted learning materials (if any) to the department. The institution needs to provide customary support of providing transport and staying facilities to the trainer s assigned by the company.

As ROBOTICS FOUNDATION OF TAMILNADU is trying to expand the facilities, no activities (above mentioned) will be carried out at the company premises till further notice. All training, internships and other programs will be carried at college premises only.

#### 4. Relationship between parties

It is expressly agreed that both parties are acting under this MoU shall not be constructed as partnership. Neither party is authorize to use the other parties name in any way to make any representation, or create any obligation or liability, expressed or implied on behalf of other party Neither party shall have nor represent itself as having any authority user the terms of this MoU to make the agreement of any kind in the name of binding upon the other party, to pledge the other party's credit or to extend the credit on behalf of the other party

To facilitate the implementation of this agreement, each party shall designate one or more liaison officers to serve on a standing committee. The standing committee will meet as and when required. The standing committee would review each party's participation in this agreement, assess the effectiveness of the agreement and identify modifications that might be necessary. The committee . would as appropriate address urgent issues and specific cases of non-compliance.

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#### 6. SOLE ARBITRATION CLAUSE:

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Dr.R.PANNEERDHASS,M.E.,Ph D., ERING COLLEGE VILLUPURAM-605 601.



- AREC sponsoring 2°°, 3°° and 4°° year students of All Department of Engineering courses.
- ROBOTICS FOUNDATION OF TAMILNADU will conduct Hands-on technical Training & Skill Development program, Internships (Involves selection process), Industrial Training and FDP technical sessions (only under mutual consent) to all students at AREC Premises

#### 3. SCOPE OF Mot

Based on a study of the objectives and strengths of both the organizations, a MoU is agreed upon which envisages the following

## a) Joint Interdisciplinary Research and Developmental projects:

Applying for joint projects from CSIR or UGC or other similar agencies funding research grants, mutual sharing of grants for the benefit of both organizations, joint publications arising from such research grants.

## b) Hands-on Commercial product Development Training & Skill Development program

The Company will provide Product based learning programs (in their expertise area) in coherent with curriculum every semester from semester III to VII, in the category of value added course. The learners can take away product after the successful completion of the training at the college premises. The financial consideration will be dealt on mutual acceptance.

#### c) Curriculum Design:

The company will give valuable inputs to the institution in teaching/training methodology and suitably customize the curriculum so that the students fit into the industrial needs and standards.

### d) Sponsored Internships (The Company will bear the required material expenses)

The Company will provide Sponsored Internship to selected meritorious students' batch after conducting assessment during the value added course period. The terms and conditions for this will be dealt separately. (Standard selection process involved)

#### e) Industrial Training and Visit

ERIA

ROBOTICS FOUNDATION OF TAMILNADU can arrange possibly Industrial visits and training in relevant fields depending upon the availability. The industrial training and exposure provided to the students and faculties through this association to build confidence and prepare the students to have a smooth transition from academic to working cargo

Dr.R.PANNEERDHASS,M.E.,Ph.D.. A.R.ENGINEERING COLLEGE ADAKUCHIPALAYAM, VILLUPURAM-605 601.



and Conciliation Act 1996 by referring the dispute to a sole arbitrator and the award made in pursuance thereof shall be final and bind on the parties.

#### 7. DURATION OF THE MOU

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#### 8. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

By signing below, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above. written.

On behalf of

ROBOTICS FOUNDATION OF TAMILNADU, KALLAKURICHI

By : Sola

Name: Mr. BALAJI THIRU

Title : FOUNDER

Date : 06-03-2023

Witness:

. T. Sanithay

2. N. Parethy

VILLUPURAM COLL 605 601

VILLUPURAM 605 601 CS

On behalf of

TAMILNADU, A.R.ENGINEERING COLLEGE, VILLUPURAM

Ву :

Name : Dr.R.PANNEERDHASS

Title : PRINCIPAL

Date : 06-03-2023

Witness:

1. D. Dellem

2. S. ruhus

Dr.R. PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### **Department of Electronics and Electronics Engineering**

**Permission Letter** 

From

R.Udayakumar,

Head of the Department,

Department of EEE,

AR ENGINEERING COLLEGE,

Kappiyampuliyur

TO

The director,

VEI Technologies private limited,

No 4, Sundramuthali street,

Gidangal,

Tindivanam.

Respected Sir/Madam,

Sub: Permission for an Industrial Visit at ROBOTICS FOUNDATION OF TAMILNADU- Regarding

Greetings from AR ENGINEERING COLLEGE

The B. E - EEE students have an industrial visit as a part of our syllabus. In this regard, I request you to grant permission for IV students and 3 staff members to visit the ROBOTICS FOUNDATION OF TAMILNADU, kallakurichi on 14.04.2023. I would be very much thankful great full for favorable response

Thanks & regards,

R.UDAYAKUMAR,M.E

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,









(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### INDUSTRIAL VISIT REPORT

Y ear/Sem: IV/VII

Visited date: 14.04.2023

Company Name: ROBOTICS FOUNDATION OF TAMILNADU

Our college has organized an industrial visit on 14th April2023 to ROBOTICS FOUNDATION OF TAMILNADU for the Final year students of EEE department. This well-known establishment acts as a one-stop destination for servicing customer.

Over the course of its journey, this business has established a firm foothold in it's industry. The belief that customer satisfaction is as important as their products and services, have helped this establishment gamer a vast base of customers, which continues to grow by the day. This business employs individuals that are dedicated towards their respective roles and put in a lot of effort to achieve the common vision and larger goals of the company. In the near future, this business aims to expand its line of products and services and cater to a larger client base. It is an effortless task in commuting to this establishment as there are Electronic Component, Engineering Las Equipment Dealers, Instrument Test Control Measuring Manufacturers.

Dr.R.PANNEERDHASS,M.E.Ph.G.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,

VILLUPURAM-605 501.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### III YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420319105301	BALAKRISHNAN V	
2	420319105302	KRISHNARAJ R	P
3	420319105303	LASARVIJAY B	6

#### IV YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420318105001	DHARANEESHKUMAR R	P
2	420318105002	GAYATHRI M	P

Dr.R.PANNEERDHASS, M.E., Ph O., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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#### ROBOTICS FOUNDATION OF TAMILNADU

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. BALAKRISHNAN V ., AR ENGINEERING COLLEGE , Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2023 to 20.11.2023. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

Dr.R.PANNEERDHASS, M.E., Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM FOR FOL





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#### ROBOTICS FOUNDATION OF TAMILNADU

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. KRISHNARAJ R., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2023 to 20.11.2023. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.



Dr.R.PANNEERDHASS, M.E. Ph D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





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#### ROBOTICS FOUNDATION OF TAMILNADU

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. LASARVIJAY B ,AR ENGINEERING COLLEGE , Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2023 to 20.11.2023. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.



Dr.R.PANNEERDHASS, M.E., Fh.D.,
PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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### ROBOTICS FOUNDATION OF TAMILNADU

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. DHARANEESHKUMAR R., AR ENGINEERING COLLEGE , Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2023 to 20.11.2023. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

Dr.R.PANNEERDHASS,M.E. PS 1. PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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#### ROBOTICS FOUNDATION OF TAMILNADU

CERTIFICATE OF COMPLETION OF INTERNSHIP TRAINING PROGRAM

20.11.2023

This is certify that the Mr/Ms. GAYATHRI M, AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical and Electronics Engineering. Have successfully completed internship program in our training division from 15.11.2023 to 20.11.2023. During the training period, he/she had hands PCB DESIGING MODEL during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAMASS





### INDIA NON JUDICIAL

### **Government of Puducherry**

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Certificate Issued Date

Account Reference Unique Doc. Reference

Purchased by

Description of Document

**Property Description** 

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**VECTOR SOLUTIONS** 

Article 5 Agreement or Memorandum of Agreement

MOU

(Zero)

A R ENGINEERING COLLEGE

**VECTOR SOLUTIONS VECTOR SOLUTIONS** 

10

(Ten only)



### MEMORANDUM OF UNDERSTANDING

#### Between

A.R. ENGINEERING COLLEGE & Vector Solutions Puducket

KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



This Memorandum of understanding (MOU) is made and entered into force on 03.04.2023 between A.R. ENGINEERING COLLEGE, an academic institution, managed by Sri Venkatachalapathy Educational Trust, (Hereinafter referred to as "the Institute") and Vector Solutions, having its registered office at # 51, First Floor, 100 Feet Road, (opp: Hero Motor Corp), Sundararaja Nagar, Puducherry-605 504.

#### Recitals /Institution profile:

A.R. Engineering College is one of the institutions Sri of 2008 started was Educational Trust Venkatachalapathy vadakuchipalayam, Kappiyampuliyur post, Villupuram with the goal to stress the prime values namely Integrity, Transparency, Accessibility, Equity, and Quality. The college is affiliated with Anna University of Technology, Chennai. The college has grown considerably under the dynamic leadership of its Chairman Mr. Mahadevan, Vice Chairman Sri. M. Kuberan and Principal Dr. R. Panneerdhass, spear heading all academic and non academic activities.

#### **Vector Solutions:**

Vector solutions has been a training provider in Tamil Nadu & Pondicherry for over 14 years, successfully providing training with new skills and tools to optimize and make better informed decisions on future plans.

Our training instructions are industry experienced engineers with "Hands-On" applications experience, whose technical skills are annually assessed and updated. We provide a comprehensive selection of first class software training products and courses to meet your changing needs.

Our Training assessment services can help you evaluate where skills or knowledge needs are and develop a plan to fill the gaps.

Learn about the largest technology and earn recognized industry credential. Professional who want to accelerate their skills and knowledge is design through a formal education program.

Our training programs include the Following:

Dr.R.PANNEERDHASS,M.E.,Ph.D.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST.



#### **Instructor Guides:**

Our guides assure the instruct that all key aspects are discussed and examples are given to assist the trainer.

#### Pre and post tests:

Our tests are based on the core knowledge each engineer should have attained while attending the class.

#### Reference material:

This information about the software is user - friendly, easy -to - access format, making critical knowledge easily obtainable.

#### Hands on labs:

Lab activities have been developed from years of experience, using proven training methods.

#### Area of Training:

**AutoCAD** 

**ZWCAD** 

Pro/ENGINEER

Creo Parametric

CATIA V5 & V6

SolidWorks

Unigraphics (NX)

**Inventor Professional** 

3D Photorealistic Rendering

3D Printing

Reverse Engineering

**ANSYS** 



KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.

### HYPERMESH

ArchiCAD, Revit Architecture, STAAD.Pro, ETABS & Sketchup 3D Printing (FDM & DLP), Wood Carving CNC, Laser Engraving, PCB Etching & Milling & Dip Trace.

Suitable Department: MECHANICAL / CIVIL / ELECTRICAL ELECTRONICS / ELECTRONICS & COMMUNICATION ENGINEERING.

#### Areas of cooperation:

605 601

- 1. To impart training to the staff and students of the institute by the organization.
- 2. To facilitate regular interaction between the staff and students of the institute and workforce of the industry.
- 3. The institute and industry shall explore the possibilities of mutual support in their learning, hiring and research requirements based on mutual convenience.
- 4. To draw resource persons from the industry whenever necessary for studies taken up periodically by the institute and vice versa
- 5. Placement of students as Apprentice, Trainees, and Full time Employees in small, Medium and Large scale industries wherever possible.(if possible)
- 6. Seminars on recent developments, training programs with various scales involving appropriate department students and employees no selected areas.
- 7. To do research and development work and any other activities deemed fit.
- 8. Project works to be carried out for the students at company if the training projects and infra-structure facilities available here fits the requirements of the students of College of Engineering and Technology.
- 9. Carrying out modifications of the MOU shall not be valid unless the same is made in written by both the Partie NAE ERDHASS, M.E., Ph.D., authorized representatives and specially starting the sand special spe VILLUPURAM

VILLUPURAM-605 601.

an amendment of this MOU. The modifications / change shall be effective from the date on which they are made or executed unless or otherwise agreed it.

- 10. Confidentiality: complete maintain Each shall party confidentiality of any information of the other, disclosed during the term of this MOU.
- 11. Termination: Either party can cancel or terminate this agreement unilaterally (and without reason) by giving an advance written notice on one month to the other.

#### **DURATION OF MOU**

The duration of this MOU shall be 3 years from the date of signing of the MOU. The MOU shall stand renewed automatically unless cancelled by either parties.

IN WITNESS OF THE UNDERSTANDING, duly authorized person have signed this memorandum of understanding.

For the Company

Witness

1.

2.

For the institute

Witness

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

PRINCIPAL A.R.ENGINEERING COLLEGE 2 VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST

VILLUPURAM-605 601



DHASS,M.E.,Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.

G



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Vector solution has been a training provider for the last 14 years and Our college **AR ENGINEERING COLLEGE** students had participated for hands on training for which they assessed and updated our students technical skills.

From

Mr.R.UDAYAKUMAR,

HOD /EEE,

Dept. of Electrical and Electronics Engineering,

AR ENGINEERING COLLEGE,

kappiampuliyur-608301.

To

The Chairman,

AR ENGINEERING COLLEGE,

kappiampuliyur-608301.

Through Proper Channels,

Respected Sir,

Sub: Request permission to conduct a Seminar on "power quality issues and solutions" for Department of Electrical and Electronics Engineering students of our institute - reg.

It is pleasure to inform you that Department of EEE has planned to conduct a Seminar on "POWER SYSTEM OPERATION AND CONTROL" at 09.30 AM to 4.00 PM on 03.11.2023. This seminar focuses on various aspects of according to Utility, power quality is reliability. So, we kindly request you to grant us permission to conduct the programme. The Schedule and proposal of the programme is enclosed with this letter for your kind persual. and permission. Kindly do the needful.

COORDINATOR

Approved by



Dr.R.PANNEERDHASS,M.E.,Ph 0., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-505 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

From
R.UDAYAKUMAR,
HOD/EEE,
Department of Electrical and Electronics Engineering,
kappiampuliyur.
TO
Mr.J.Jagan
B.E Trainer,
VECTOR SOLUTIONS,
Puducherry.
•
Respected sir,
Sub: Inviting as a resource person for the programme conducted by Dept of EEE Engineering - Reg
******* ****Warm greetings from AR ENGINEERING COLLEGE, Kappiampuliyur****
I am writing this invitation letter to you to formally invite you to the seminar on "POWER SYSTEM OPERATION AND CONTROL which has been scheduled on 03.11.2023 from 09.30 am to 04.00 p.m. In this regard, we would like to request you to be as a guest speaker for the said event to share your

Your favourable response regarding this request will be highly appreciated.

knowledge to all of the education participants.

Thanking you,



Dr.R.PANNEERDHASS, M.E., Ph.D.,
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#### **RESOURCE PERSON PROFILE**

Name of the resource person	Mr.J.Jagan
Designation	Trainer, vector solutions.puducherry.
Working Experience	8 Years
Educational Qualification	B. Tech.,
	f washing in the Electrical Skilled in Site

Experimental Electrical Engineer with a demonstrated history of working in the Electrical Skilled in Site Management, Team Organizing, Time Managing, Contented, Effective Designing, Strong Engineering Professional with a Bachelor of Engineering Focused in Electrical and Electronics Engineering.

Dr.R.PANNEERDHASS, M.E., Ph. D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601,



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**CIRCULAR** 

Date: 28.02.2022

It is hereby informed that our college is going to conduct a Seminar on "POWER SYSTEM OPERATION AND CONTROL" for EEE students of our institute on 03.11.2023 at 09.30 am to 04.00 pm. All the EEE students and faculty members are cordially invited to attend this seminar. All the students and staff members are expected to give their fullest co-operation towards the smooth conduction of program.

#### Copy to:

- 1. Chairman
- 2. Principal
- 3. All Department HoD's
- 4. All Class Advisor
- 5. Main Notice Board/ Library Notice Board/ Office Notice Board
- 6. IQAC

#### Circular to:

- I. All staff members
- 2. Ail Students of EEE dept

Dr.R.PANNEERDHASS,M.E.,C A.R.ENGINEERING COLLEG. VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM FOE 601.







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#### ATTENDANCE FOR SEMINAR ON Date:03.11.2023

"POWER SYSTEM OPERATION AND CONTROL"

Time: 09.30 am

Name of the Selected Spoke College: AR ENGINEERING COLLEGE, KAPPIAMPULIYUR

REPORT OF THE PROGRAMME SEMINAR ON "POWER SYSTEM OPERATION AND CONTROL"

Date of Activity	03.11.2023 Time: 9.30 am to 04.00 pm	
Venue of Activity	Seminar Hall	
Activity Coordinators	<ol> <li>1.power System problem could be as subtle as a light that dims every time a large motor starts or as catastrophic as equipment failure.</li> <li>2. Designed to store energy, both capacitors and batteries can effectively counteract undesirable electrical characteristics.</li> <li>3. Reducing the real and reactive power losses</li> </ol>	
Speaker	Mr.J.Jagan B.E., VECTOR SOLUTIONS	
Participants		
Outcome and takeaways	<ul> <li>6 Faculty Members along with 109 Students</li> <li>1.Differentiate between different types of power quality problems.</li> <li>2. Sources of voltage sag, voltage swell, interruptions, transients, long duration over voltages and harmonics in a power Rights</li> </ul>	

A.R ENGINEERING COLLEGE, Department of Electrical and Electronics Engineering organized a Seminar on Power System Operation and Control. J.Jagan, vector Solutions, Pondicherry was the expert speaker on the occasion. The Seminar intended to tell about how to assess the power quality and also known the issues and solutions in emergency period. And to this course on Electrical Power Quality and system. Students of Electrical Engineering have to undergo this course as a subject in eighth semester.

It is needless to mention that how much we are dependent on electricity in our day to day life. A reasonable understanding on the basics of different problems and their solutions to applied electricity is therefore important for an electrical engineer. This paper will help the students know different power quality problems occurring in power system and provide brief idea about their Solutions With companies



Dr.R.PANNEERDHASS,M.E.,Ph.D., PRINCIPAL A.R. ENGINEERING COLIEGE MOAKUCHIPALAYAM, PPIYAMPULIYUR POSE



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Date: 03.11.2023

To

Mrs.A.Bhavani,

Centre and Head,

VECTOR SOLUTIONS,

Puducherry.

Dear Madam,

Sub: Seeking Permission for Internship Training-Reg.

\*\*\*\*\*Warm Greetings from A.R ENGINEERING COLLEGE, kappiampuliyur\*\*\*\*

We have been always imparting a high standard of practical training so that the students readily match the needs of the industries/organizations. As a part of the curriculum, the students have to undergo Internship Training, which enable them to familiarize with the industrial environment. We request you to kindly accord permission to the following Final year students of Mechanical Engineering department to undergo internship training program.

Our students shall obey all your organization rules and regulations and shall maintain the highest order of discipline during the training period. We look for your kind permission for the above internship training to our students.

Thankiing You,



A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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#### IV YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420319105301	BALAKRISHNAN V	6
2	420319105302	KRISHNARAJ R	P
3	420319105303	LASARVIJAY B	P

]

Dr.R. PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.





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#### **CERTIFICATE OF PARTICIPATION**

	_	has participated in Internship Training
	Vehicle Design &	Technology Overview conducted at VECTOR
SOLUTIONS.		
		Centre and Head
-		
0311.2023	A.BHAVANI	
		VECTOR COLUTIONS
***********		VECTOR SOLUTIONS
Date	Centre Head	

Dr.R.PANNEERDHASS, M.E., Ph.B.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





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#### CERTIFICATE OF PARTICIPATION

		s participated hi Internship Training Programme rview conducted at VECTOR SOLUTIONS.
		Centre and Head
-		
03.11.2023	A.BHAVANI	
		VECTOR SOLUTIONS
Date	Centre Head	

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





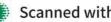
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#### CERTIFICATE OF PARTICIPATION

This is to certify that LA from 03.11.2023 Electric Vehicle	SARVIJAY B has partici Design & Technology Overview	pated hi Internship Training Programme conducted at VECTOR SOLUTIONS.
		Centre and Head
_		
*		
03.11.2023	A.BHAVANI	
		VECTOR SOLUTIONS
Mary S		
Date	Centre Head	

Dr.R.PANNEERDHASS,M.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.







தமிழ்நாடு तमिलनाडु TAMIL NADU

Date: 16/10/2023
The Chairman,
A.R. Engineering College,
Kayopiyanpuling

19AC

ு. நாமோதான் மு.தா.வி.எண். 997/C1/14 19. வடக்கு அய்யனார்தளம் தெரு விழுப்புரம், தடிழ்நாடு

# MEMORANDUM OF UNDERSTANDING

BETWEEN S&H TECHNOLOGY (P) LIMITED, PANRUTI, AND A.R.ENGINEERING COLLEGE, VILLUPURAM

This agreement made and entered into on 06th March 2023 between S&H TECHNOLOGY (P) LIMITED, PANRUTI and A.R.ENGINEERING COLLEGE, VILLUPURAM

### OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

To promote interaction between in "S&H TECHNOLOGY (P) LIMITED, PANRUTI &

A.R.ENGINEERING COLLEGE, VILLUPURAM mutually beneficial to the Students in

he area of Robotics & Automation Engineering.

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



S&II TECHNOLOGY (P) LIMITED, PANRUTI is an R&D firm primarily focuses on edu-tech to provide early technology exposure to students and nurture their innovation skills to serve as a pathway for students and corporates to learn the next gen technologies. We want our students to dominate the future with their innovations. It provides a rare level of skill set to students which rise up their job opportunities. We are well known for our fun-based collaborative practical teaching approach. We also create numerous national and international winners at various robotics and innovative contests held all over the world.

#### 2. PROPOSED MODES OF COLLABORATION

"S&H TECHNOLOGY (P) LIMITED, PANRUTI & A.R.ENGINEERING
COLLEGE, VILLUPURAM proposes to collaborate through

- 1. AREC sponsoring 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students of All Department of Engineering courses.
- S&H TECHNOLOGY (P) LIMITED, PANRUTI will conduct Hands-on technical Training & Skill Development program, Internships (Involves selection process), Industrial Training and FDP/ technical sessions (only under mutual consent) to all students at AREC Premises.

#### 3. SCOPE OF MoU

Based on a study of the objectives and strengths of both the organizations, a MoU is agreed upon which envisages the following:

### a) Joint Interdisciplinary Research and Developmental projects:

Applying for joint projects from CSIR or UGC or other similar agencies funding research grants, mutual sharing of grants for the benefit of both organizations, joint publications arising from such research grants.

### b) Hands-on Commercial product Development Training & Skill Development program

The Company will provide Product based learning programs (in their expertise area) in coherent with curriculum every semester from semester III to VII, in the category of value added course. The learners can take away product after the successful completion of the training at the college premises. The financial consideration will be dealt on mutual acceptance.

c) Curriculum Design:





Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



The company will give valuable inputs to the institution in teaching/training methodology and suitably customize the curriculum so that the students fit into the industrial needs and standards.

### d) Sponsored Internships (The Company will bear the required material expenses)

The Company will provide Sponsored Internship to selected meritorious students' batch after conducting assessment during the value added course period. The terms and conditions for this will be dealt separately. (Standard selection process involved)

#### e) Industrial Training and Visit

S&H TECHNOLOGY (P) LIMITED, PANRUTI can arrange possibly Industrial visits and training in relevant fields depending upon the availability. The industrial training and exposure provided to the students and faculties through this association to build confidence and prepare the students to have a smooth transition from academic to working career.

#### f) Faculty Development program

S&H TECHNOLOGY (P) LIMITED, PANRUTI will provide faculty development programs to teach the faculties in the emerging trends of technology. The term FDP involves lecture sessions, open source software's and company copyrighted learning materials (if any) to the department. The institution needs to provide customary support of providing transport and staying facilities to the trainer/s assigned by the company.

As S&H TECHNOLOGY (P) LIMITED, PANRUTI is trying to expand the facilities, no activities (above mentioned) will be carried out at the company premises till further notice. All training, internships and other programs will be carried at college premises only.

#### 4. Relationship between parties

605 601

It is expressly agreed that both parties are acting under this MoU shall not be constructed as partnership. Neither party is authorize to use the other parties name in any way to make any representation, or create any obligation or liability, expressed or implied on behalf of other party Neither party shall have nor represent itself as having any authority user the terms of this MoU to make the agreement of any kind in the name of binding upon the other party, to pledge the other party's credit or to extend the credit on behalf of the other party

To facilitate the implementation of this agreement, each party shall designate one or more liaison ficers to serve on a standing committee. The standing committee will meet

> Dr.R.PANNEERDHASS, M.E., Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST. VILLUPURAM-605 601.



The standing committee would review each party's participation in this agreement, assess the effectiveness of the agreement and identify modifications that might be necessary. The committee would as appropriate address urgent issues and specific cases of non-compliance.

#### 5. AMENDMENTS

No amendments or modifications of this MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MoU. The modifications shall be effective from the date on which they are made or executed, unless otherwise agreed to.

#### 6. SOLE ARBITRATION CLAUSE:

If any dispute or difference whatsoever arising between the parties hereto out of or relating to the construction of meaning and operation or effect of this agreement or breach thereof, which cannot be settled between the parties shall be settled in accordance with the provisions of Arbitration and Conciliation Act 1996 by referring the dispute to a sole arbitrator and the award made in pursuance thereof shall be final and bind on the parties.

#### 7. DURATION OF THE MoU

The duration of this MoU shall be for 5 Years from the date of signing of this MoU and shall be renewed on mutual agreement by both parties thereon. It may be modified by mutual written consent of both the parties.

#### 8. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

By signing below, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.



DHASS,M.E.,Ph.D., Dr.R.PANNE A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.

#### On behalf of S&II TECHNOLOGY (P) LIMITED, PANRUTI

Name: Mr. P.SARAVANAN

Title: DIRECTOR

Date: 06-03-2023

Witness:

1. K. ASD. 2. M. Kurads, P



On behalf of A.R.ENGINEERING COLLEGE, VILLUPURAM

By manufa ms

Name : Dr.R.PANNEERDHASS

: PRINCIPAL Title

: 06-03-2023 Date

Witness:

1. M' Smila

2. K. WILL JWZy.

Dr.R.RANNEERDHASS, M.E., Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

Date: 16.09.2023

To

Mr.S.ARUN,

Director,

S & H TECHNOLOGY (P) LIMITED,

**Panruti** 

Respected Sir,

Sub: Seeking Permission for Internship Training-Reg.

\*\*\*\*Warm greetings from AR ENGINEERING COLLEGE, Kappiyampuliyur\*\*\*\*

We have been always imparting a high standard of practical training so that the students readily match the needs of the industries in Organization. As a part of the curriculum, the students have to ·undergo Internship Training program, Which enable them to familiarize with the industrial environment. We request you to kindly accord permission to the following Third year students of Mechanical Engineering Department to undergo Internship Training

Our students shall obey all your organization rules and regulations and shall maintain the highest order of discipline during the training period. We are expecting permission for the month of end of the week May or first week of June 2023.

\*\*\*\*We look for your kind permission for the above Internship Training to our students\*\*\*\*

Thanking you,

Dr.R.PANNEERDHASS, M.E., Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST. VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

III YEAR MECH NAME LIST 2022-23

III YEAR MECH NAME LIST 2022-25				
S.NO	REG NO	NAME		
1	420320114001	ABINASH H	<b>A</b>	
2	420320114002	ELANGO S	8	
3	420320114005	NISHANTH S	P	
4	420320114006	PHILOMIN DASS G	9	
5	420320114007	RAJADURAI K	6	
6	420320114008	ROHITH A	$\Theta$	
7	420320114009	SANJAI K	P	
8	420320114010	SURENDIRAN S	6	
9	420320114011	UDHAYASURYA S	ρ	
10	420320114012	VEERAPPAN T	P	
_11	420320114301	BALAJI S	P	
12	420320114302	DHILIPRAJ R	P	
13	420320114303	KAMALESHWARAN K	P	
14	420320114304	LUKE V	Ю	
15	420320114305	PRASANNA M	0	
16	420320114306	RAGUL P	P	
17	420320114307	ROBINS R	6	
18	42 0320114308	SARGUNAPANDIYAN K	P	
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Dr.R.PANNEERDHASS,M.E.,Ph.D., A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST. VILLUPURAM 605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chenral) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

		1.1	
10	420320114309	SELVAMANIS	•
20	420320114310	SATHIASEELAN D	P
21	420320114701	PRAVEEN KUMAR P	b



Dr.R.PANNEERDHASS,ME., Ph D PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM GOS GOT.



தமிழ்நாடு तिमलनाडु TAMIL NADU

UPUP

Data: 16/10/2023 The Clairman A.R. Engineering College, Kappiyampuliyus. 19AC 31185

ை தாமோதரன், மு.தா.வி.எண். 997/C1/14 49. வடக்கு அய்யனார்குளம் கெரு. விழுப்புதம், தமிழ்நாடு.

## MEMORANDUM OF UNDERSTANDING

BETWEEN A.R.ENGINEERING COLLEGE **AND BHUMI** 

## PARTIES:

## A.R.ENGINEERING COLLEGE

A.R Engineering College, which was set up in 2008, has laid the foundation of modern engineering education. Over the years, A.R Engineering College has evolved to reach and hold a unique position of pride in the technical education system in India. This college is known all over India for providing quality, technological and scientific our PANNEERDHASS, M.E., Ph.D.,

A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM. KAPPIYAMPULIYUR FE - 5 VILLUPURAM-605 L.T.



A.R Engineering College had a rich heritage of the past and had its standing as one of the best engineering colleges in Villupuram. As of now, A.R Engineering College has 6 academic departments supported by the several service centers like Computer Centre, Instrumentation Centre and Central Library. The Institute offers 6 undergraduate (B.E) courses in Engineering ie., Computer science and Engineering, Civil Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering and Artificial intelligence & Data Science.

Bhumi is working towards providing holistic education and creating sustainable livelihoods for under- privileged students. Bhumi has launched a free skill up-gradation program focused on upskilling youth from marginalized or weaker sections. As a part of the initiative, we will be providing skill training in various IT skills, Software Skills, Soft skills and interview preparedness which will help them become job-ready.

The partnership between Bhumi and A.R. Engineering college is aimed at providing a free skill up-gradation to the underprivileged students of the college as a step towards making them aware of the opportunities in their interest areas and guiding them to pursue their dream career by attaining necessary skills and knowledge through qualified trainers.

Objective of Bhumi:

Bhumi, as an implementation partner, is very keen on upskilling youth from marginalized or weaker sections. Bhumi believes that students from economically weaker sections need to be empowered so that they can tap their potential in their field of study. Bhumi would be facilitating skill upgradation sessions for the underprivileged students through the partner & volunteer network.

## Details of the Partnership:

- Bhumi will establish a free skill training and job readiness program for the underprivileged college students in A.R. Engineering college
- Training includes technical skills, soft skills training and interview preparedness to help the youth beat the fear of facing interviews
- A.R. Engineering college to provide name list of students who are interested in a particular course
- Duration of the program is 3 to 4 months which depends on the exam schedules of the college and course opted by the partner A.R. Engineering college
- The timing and duration of the sessions can be mutually agreed upon between the trainer, A.R. Engineering college and Bhumi.
- A.R. Engineering college will support students and trainer with lab infrastructure
- The student shortlisted by the college for the course will undergo an online assessment before the commencement of the course and upon completion of the course and thereby be certified by Bhumi
- The certification process will be free of cost and no fee will be charged from the students through any means / modes by A.R. Engineering college trainer and Bhum



DE BRANKEEROHASSIME DE O. VADIKKUCHI PREJAYAM, KAPPIYAMPULIYUR F VILLUPURAM-605 by ..

Bhumi will provide data management system access and training to the trainer to capture the students data, attendance and assessment scores

• A.R. Engineering college along with the trainer identified will be monitoring the student attendance and retention and will be responsible for updating in the data management system provided by Bhumi

• Trainer(s) will be paid by Bhumi according to the company policies. A.R. Engineering

college need not pay the trainer during the entire period

• Mode of payment will depend on the flexibility of the trainer and the A.R. Engineering college if the trainer is selected by the them

• If Bhumi is selecting the trainer, Bhumi will be responsible for the payment to the

respective trainer allocated for the college

• Bhumi will be conducting various guest lectures, soft skills sessions and mock interviews to prepare the students for interviews during the period of training

• Bhumi will collaborate with its partner corporate in conducting job fairs / campus drives

during or after the training period

**Duration of the Agreement:** 

The agreement between Bhumi and A.R. Engineering college is effective from OCT 2023 to SEP 2026.

This Agreement in its original form will remain in full force and effect except when Partners desire to amend the current Agreement to reflect a new understanding. Any amendment agreed upon will not take effect without the written and signed consent of both Partners.

Signed and made effect on 05/10/2023

For and on behalf of

A.R. Engineering college

Address:

Signatu

PRINCIPAL

A.R.ENGINEERING COLLEGE

Vadakuchipalayam,

Kappiyampuliyur Post,

Vikkaravandi TK,

Villupuram – 605601.

For and on behalf of

Bhumi

Address:

3/2, Karpaga Vinayaga Koil St,

Alandur, Chennai,

Tamilnadu - 600016

FOR BHUM

VADAKUCHIPALAYAM.

Signature

KAPPIYAMPULIYUR POST Sridevi Mogilineedi

VILLUPURAM-605 601. Director, Programmes

Bhumi



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### BHUMI

From		
Mr.R.UDAYAKUMAR,		
HOD /EEE,		
Dept. of Electrical and Electronics Engineering,		
AR ENGINEERING COLLEGE,		
kappiampuliyur-608301.		
То		
The Chairman,		
AR ENGINEERING COLLEGE ,		
kappiampuliyur		
Through Proper Channels,		
Respected Sir,		
Sub: Request permission to conduct a Seminar on "GENERATION SWITCHGEAR" for Department of Electrical and Electronics Engineering stude	TRANSMISSION nts of our institute	ANI - reg.

It is pleasure to inform you that Department of EEE has planned to conduct a Seminar on "GENERATION TRANSMISSION AND SWITCHGEAR" at 09.30 AM to 4.00 PM on 27.11.2023. This seminar focuses on various aspects of according to Utility, power quality is reliability. So, we kindly request you to grant us permission to conduct the programme. The Schedule and proposal of the programme is enclosed with this letter for your kind persual and permission. Kindly do the needful.

Approved by







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

From				
FIOR				
R.UDAYAKUMAR,				
HOD/EEE,				
Department of Electrical and Electronics Engineer	ing,			
kappiampuliyur.				
то				
Mr.S.Shanmugam	¥			
B.E Trainer,				
BHUMI,				
Alandur,				
Chennai				
Respected sir,				
Sub: Inviting as a resource person for the $\ensuremath{ }$ Reg	programme conduct	ed by Dept of	EEE Engineering	3 -
******* ****Warm greetings from AR E	ENGINEERING COLLE	GE, Kappiamp	uliyur****	
am writing this invitation letter to you to form	nally invite you to t	the seminar o	n " GENERAT	'I (

I am writing this invitation letter to you to formally invite you to the seminar on " GENERATION TRANSMISSION AND SWITCHGEAR" which has been scheduled on 27.11.2023 from 09.30 am to 04.00 p.m. In this regard, we would like to request you to be as a guest speaker for the said event to share your knowledge to all of the education participants.

Your favourable response regarding this request will be highly appreciated.

Thanking you,



With Regards,
P. Wayalana

M. W. W. ERING COLLEGE

WAYANG CHIPALAYAM.

WAPPIYAMPULIYUR POST

WILLIPHIRAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### **RESOURCE PERSON PROFILE**

Name of the resource person	Mr.s.Shanmugam
Designation	Trainer, Bhumi
Working Experience	5 Years
Educational Qualification	B. Tech.,

Experimental Electrical Engineer with a demonstrated history of working in the Electrical Skilled in Site Management, Team Organizing, Time Managing, Contented, Effective Designing, Strong Engineering Professional with a Bachelor of Engineering Focused in Electrical and Electronics Engineering.

Dr.R.PANNEERDHASS ... PRINCIPAL A.R.ENGINEERING COLL VADAKUCHIPALAYAM KAPPIYAMPULIYUR PC VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

#### **CIRCULAR**

Date: 27.11.2023

It is hereby informed that our college is going to conduct a Seminar on "GENERATION TRANSMISSION AND SWITCHGEAR" for EEE students of our institute on 27.11.2023 at 09.30 am to 04.00 pm. All the EEE students and faculty members are cordially invited to attend this seminar. All the students and staff members are expected to give their fullest co-operation towards the smooth conduction of program.

#### Copy to:

- 1. Chairman
- 2. Principal
- 3. All Department HoD's
- 4. All Class Advisor
- 5. Main Notice Board/ Library Notice Board/ Office Notice Board
- 6. IQAC

### Circular to:

- I. All staff members
- 2. Ail Students of EEE dept

Dr.R.PANNEERDHASS, M.E. Ph O., A.R.ENGINEERING COLLEGE <del>adakuchipalayam</del>, PPIYAMPULIYUR POST, WILL LIPURAMSONS GOT.







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## ATTENDANCE FOR SEMINAR ON Date:27.11.2022

"GENERATION TRANSMISSION AND SWITCHGEAR"

Time: 09.30 am

Name of the Selected Spoke College:AR ENGINEERING COLLEGE,KAPPIAMPULIYUR REPORT OF THE PROGRAMME SEMINAR ON "GENERATION TRANSMISSION AND SWITCHGEAR"

Date of Activity	27.11.2023
	Time: 9.30 am to 04.00 pm
Venue of Activity	Seminar Hall
Activity Coordinators	1.power System problem could be as subtle as a
	light that dims every time a large motor starts or
	as catastrophic as equipment failure.
	2. Designed to store energy, both capacitors and
	batteries can effectively counteract undesirable
	electrical characteristics .
	3. Reducing the real and reactive power losses
Speaker	Mr.S.Shanmugam,Trainer, BHUMI
Participants	6 Faculty Members along with Students
Outcome and takeaways	1.Differentiate between different types of power
	quality problems.
	2. Sources of voltage sag, voltage swell,
	interruptions, transients, long duration over
	voltages and harmonics in a power Rights

A.R ENGINEERING COLLEGE, Department of Electrical and Electronics Engineering organized a Seminar on "GENERATION TRANSMISSION AND SWITCHGEAR". Mr.S.Shanmugam was the expert speaker on the occasion. The Seminar intended to tell about how to assess the power quality and also known the issues and solutions in emergency period. And to this course on Electrical Power Quality and system. Students of Electrical Engineering have to undergo this course as a subject in eighth semester.

It is needless to mention that how much we are dependent on electricity in our day to day life. A reasonable understanding on the basics of different problems and their solutions to applied electricity is therefore important for an electrical engineer. This paper will help the students know different power quality problems occurring in power system and provide brief idea about peir Solutions With comparative study



A.R.ENGMEERING COLLE VIELUPURAM-605-604.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## IV YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420319105301	BALAKRISHNAN V	P
2	420319105302	KRISHNARAJ R	P
2	420319105303	LASARVIJAY B	6

KAPPIYAMPULIYUR POST. WILL WIDTHRAM 605 604.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### **CERTIFICATE OF PARTICIPATION**

This is to certify that	BALAKRISHNAN .V has p ENERATION TRANSMISSION AND	articipated Seminar Programme from SWITCHGEAR"Overview conducted
		<del>-</del> , , ,
27.11.2023	sridevi Mogilineedi	
Date	Centre Head	внимі

DIR.RAPANNEERDHASS,M.E., Ph.O.,
PERRINCIPAL
A.R.BHENGHEERING GOEL (E.) LE
VAKADAKUGHEALAYAM,
KAFAFIPMAMAUYLYUR POST,
VIVILLEURURAANOGGE-591.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### **CERTIFICATE OF PARTICIPATION**

This is to certify that 22.11.2023 to 27.11.2023 "GE at BHUMI.	KRISHNARAJ R has pa	articipated Seminar Programme from SWITCHGEAR"Overview conducted
		•
27.11.2023	sridevi Mogilineedi	
***************************************	•••••	внимі
Date	Centre Head	

Dr.R.PANNEERDHASS.ME DOC.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM
KAPPIYAMPULIYUR F
VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### **CERTIFICATE OF PARTICIPATION**

	LASARVIJAY B has parti ENERATION TRANSMISSION AND SV	
		. ·
27.11.2023	sridevi Mogilineedi	
Date	Centre Head	внимі

Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM.
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



'ensidachatapathy Educational Trust, Villupuram (Approved by AICTE, New Delte, F No 96/95/TN/E&T/2008/18 Dt 20 06:2008 & Affiliated to Arma University Chennai, Chennai - 600 025)

Mahadevan Chairman

Fr.M. Kuberan M.Tech. Vice-Chairman

Er.M.Prabu B.E., M.B.A., Secretary

Date: 20.04.2023.

This memorandum of understanding (MoU) is made at Chennai on 20<sup>th</sup> April 2023, between SHRI SAI NDT, an Non Destrutive testing and inspection services with its registered office 34, Kamban st., 3° Cross, Subbiah Nagar, Pudhucherry-605001 (hereinafter referred to as "company", which expression shall unless repugnant to the context or meaning thereof, include its successor-in-interest and permitted assigns);

And

A.R.ENGINEERING COLLEGE, affiliated to Anna University, Department of Mechanical Engineering at Vadakuchipalayam, Kappiyampuliyur - Post, Villupuram -605601 (here after referred to as "college") is for the purpose of enriching the technical education imparted to students of all engineering disciplines in the field of Industrial Automation (Here in after referred to, collectively, as the "Parties" and, individually, as a "Party")

#### WHEREAS

A A.R.ENGINEERING COLLEGE was established in 2008. It is affiliated to Anna University, Chennai, and all the couses at AIIIT are approved by AICTE, offering 6 under graduate courses in engineering, with total strength of 247. All the courses are approved by All India Council for Technical Education and affiliated to Anna University, Chennai.

B SHRI SAI NDT is one of the fastest growing Training Institute and inspection service in NDT eriented skill developing training company and they are joined hands with many Industries and tie up with Govt Industries for implementing their services. They offering practical training program which mainly focuses on skill development through hands on experience

The training involves important technical details, industry updates and practical training on

Vedaruchipailiyam reperment arec svet@gmail.com WAPPIYAMPULITUR POS 146-2:2:121 9487447625 F-mail arec svet@gmail.com WVILEUPURAM-605 601.

Dr.R.PANNEERDHASS,M.E.,Ph.O., PRINCIPAL A.R.ENGINEERING COLLEGE Vadarachipalayam Kappiyampuliyur (+ 0), Villupunan KAPPIYAMPULIYUR POST,





A Unit of Sri Venkatachalapathy Educational Trust, Villupuram (Approved by AICTE, New Delhi, F.No.06/05/TN/E&T/2008/18, Dt.20.06.2008 & Affiliated to Anna University Chennai, Chennai - 600 025)

G.Mahadevan Chairman

Er.M.Kuberan M.Tech., Vice-Chairman

Er.M.Prabu B.E., M.B.A., Secretary

C. Non Destructive testing and they also conducting training in their campus itself it will operational convenience to students.

### Objectives:

A. This MOU is signed with the objective of furthering industry-academic relationship for mutual benefit, and to promote exchange of views on Engineering and Technological issues of common concern.

- B. The MOU sets forth procedures of reciprocal cooperation, which will assist each other in meeting their responsibilities in promoting quality education, research and better services.
- C. The parties shall mutually have agreed that they can share the expertise available at both ends for mutual benefits in the fields of education, training, scientific and industrial research by entering into a MOU.
- D. Both Parties shall take all reasonable steps to ensure the successful completion of the collaboration, and co-operate with each other in duly carrying out the obligation agreed upon.

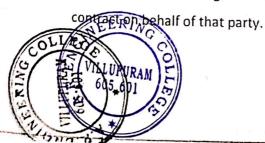
NOW THIS MEMORANDUM OF UNDERSTANDING (MOU) WITNESSETH AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. The college shall use the assistance, sponsorship or support provided by the company only for the purpose expressly stated in this MOU and not for any other purpose, unless otherwise agreed upon by the parties. Further, the company may sponsor for symposiums, cultural programs, etc., to be conducted at the college, at its own discretion.

2. Both parties will designate a representative from its side who will be the primary point of

Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



A Unit of Sri Venkatachalapathy Educational Trust, Villupuram (Approved by AICTE, New Delhi, F.No.06/05/TN/E&T/2008/18, Dt.20.06.2008 & Affiliated to Anna University Chennai, Chennai - 600 025)

G.Mahadevan Chairman

Er.M.Kuberan M.Tech., Vice-Chairman

Er.M.Prabu B.E., M.B.A., Secretary

- 3. Both the parties shall not use the name of the other in any advertisement or make any public announcement without prior return approval of the other.
- 4. The term of this MoU shall commence on the date of execution and remain in effect for a period of Three years from the date of agreement.
- 5. This MoU may be renewed for such further period as may be agreed upon by and between the parties and terminated at the option of the either party by giving three month prior notice in writing.
- 6. The college agrees to permit deputation of qualified persons of the company to the college for giving orientation in specific skills and domain knowledge advancement to improve the placement opportunities in the company for such top talent students through campus interviews.
- 7. The company will organize the project work to the engineering students like Workshops, Seminars, Conferences, Symposium, Short term / refresher courses, study visits for students and in the process assess top talent students.
- 8. The College shall extend facilities such as Computers, Software, Workshops, Sophisticated equipments, Instruments etc. and library facilities for research and optimization of proposed
- 9. Design & development of proposed prototype by the students under the guidance of senior and experienced faculty of the College as per the specific requirements of the
- 10. Each party shall respect the other's intellectual property rights(IPR) and shall not use any trade name, trade mark, copyright, design, symbol, or designation belonging to the other, without prior written approval of the other party.
- 11. Both the parties agree that the company is not obliged on account of this MoU to
- 12. Both the parties shall maintain confidentiality in respect of any information, course material, plans, discussion, strategies or any material which shall be deemed to be LLEO

confidential. Further, the college agrees that the company may requests

Dr.R.PANNEERUHASSM.E.,Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM, <del>KAPPIYAMPULIYUR POST,</del> VILLUPURAM-605 601.

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A Unit of Sri Venkatachalapathy Educational Trust, Villupuram (Approved by AICTE, New Delhi, F.No.06/05/TN/E&T/2008/18, Dt.20.06.2008 & Affiliated to Anna University Chennai, Chennai - 600 025)

G.Mahadevan Chairman Er.M. Kuberan M.Tech., Vice-Chairman

Er.M.Prabu B.E., M.B.A., Secretary

- 13. Project work in the company to execute confidentiality agreements in order to protect any information exchanged by the company with such students who attend the project works.
- 14. The company hereby warrants, covenants and undertakes that at any point of time during this MOU or after termination thereof it shall not use the name of the college and related trade names of the college in any internal or external media or publications without obtaining the prior consent of the college in writing. Media for the purpose of this clause shall include any visual representation, records, ledgers, letter heads, audio, internet, websites, brochures, pamphlets, etc.
- 15. The college or its affiliates hereby warrants, convents and undertakes that at any point of time during this MOU or after termination thereof it shall not use the name of the company and related trademarks, logos or any other names used by in any internal or external media or publications without obtaining the prior consent of the company in writing. Media for the purpose of this clause shall include any visual representation, records, ledgers, letter heads, audio, internet, websites, brochures, pamphlets, application forms prospectus, catalogues, etc.
- 16. All publications whether through print or any other media connected with the activities pertaining to this MoU will be done after review and express approval of the college and the company.
- 17. The parties herein agree that incase of disputes arising out of this MoU, the same shall be resolved by arbitration by a sole arbitrator mutually appointed by the parties herein and the arbitration shall be in accordance with the provision of the Indian arbitration and conciliation act, 1996 and/or any statutory amendments thereto and the venue of the arbitration proceeding shall be Chennai.

## MUTUAL OBLIGATION

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A. This collaboration shall be non-exclusive to both the Parties and shall nee peoplibit

any Party from having similar collaboration with third parties. Development of the Parties and Shall need peoplibit

EERING

PRINCIPAL

A.R.ENGINEERING COLLEGE

VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST,

VILLUPURAM-605 601.





A Unit of Sn Venkatachalapathy Educational Trust, Villupuram (Approved by AICTE, New Delhi, F.No.06/05/TN/E&T/2008/18, Dt.20.06.2008 & Affiliated to Anna University Chennai, Chennai - 600 025)

G.Mahadevan Chairman

Er.M.Kuberan M.Tech., Vice-Chairman Er.M.Prabu B.E., M.B.A., Secretary

in any manner or any claim.

- B. No Party shall acquire any right in the other Party Intellectual Property pertaining to any information disclosed by the Party pursuant to this MoU and any Intellectual Property so disclosed shall be owned, controlled and remain vested in the Party disclosing such Intellectual Property.
- C. Both the Parties shall maintain confidentiality about any information, course material, plans, discussions, strategies or any material which shall be deemed to be confidential whether or not labeled as 'confidential'. In case of any unauthorized disclosure at receiving Party' send, the receiving Party shall be liable to compensate the disclosing Party except where information so disclosed to receiving Party enters public domain for the reason not attributable to receiving party. Any information, course material or the like in the public domain shall not be part of this commitment.

Work/ collaboration details

- Workshops
- Guest Lectures
- Internships
- · In plant training
- Consultancy Works
- Value added courses



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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



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G.Mahadevan Chairman

Er.M.Kuberan M.Tech., Vice-Chairman

Er.M.Prabu B.E., M.B.A., Secretary

Each party shall designate a liaison officer to serve on a standing committee. The Standing Committee will meet as and when required. Matters for consideration by the standing committee are to include a review of each party's participation in this agreement. As appropriate, the committee will address the urgent issues and specific cases of serious noncompliances.

200/2013

A.R.ENGINEERING COLLEGE Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.

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(2) E. Morel Sursel.

DIRECTOR

Shri Sai NDT

WITNESS

(1) M. Smiga (2) M. Kalon Stalma

Dr.R.PANNEERDHASS, M.E., Ph.D., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

INDUSTRIAL VISIT REPORT

Y ear/Sem: IV/VII

Visited date: 16.10.2023

Company Name: SHRI SAI NDT

Our college has organized an industrial visit on 16.10.2023 to SRI SAI NDT for the Iv year students, EEE department. SHRI SAI NDT It is a top player company in the category. This well-known establishment acts as a one-stop destination for servicing customer.

Over the course of its journey, this business has established a firm foothold in it's industry. The belief that customer satisfaction is as important as their products and services, have helped this establishment gamer a vast base of customers, which continues to grow by the day. This business employs individuals that are dedicated towards their respective roles and put in a lot of effort to achieve the common vision and larger goals of the company. In the near future, this business aims to expand its line of products and services and cater to a larger client base. It is an effortless task in commuting to this establishment as there are Electronic Component, Engineering Las Equipment Dealers, Instrument Test Control Measuring Manufacturers



Dr.R.PANNEERDHASS, M.E., Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM GRE GOV.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

Date: 14.10.2023

To

Mr.P.SENTHIL KUMAR,

Director,

SHRI SAI NDT,

**Panruti** 

Respected Sir,

Sub: Seeking Permission for Internship Training- Reg.

\*\*\*\*Warm greetings from AR ENGINEERING COLLEGE, Kappiyampuliyur\*\*\*\*

We have been always imparting a high standard of practical training so that the students readily match the needs of the industries in Organization. As a part of the curriculum, the students have to undergo Internship Training program, Which enable them to familiarize with the industrial environment. We request you to kindly accord permission to the following Third year students of Mechanical Engineering Department to undergo Internship Training

Our students shall obey all your organization rules and regulations and shall maintain the highest order of discipline during the training period. We are expecting permission for the month of end of the october.

\*\*\*\*We look for your kind permission for the above Internship Training to our students\*\*\*\*

Thanking you,



Dr.R.PANNEERDHASS,M.E.,Pho., PRINCIPAL A.R.ENGINEERING COLLEGE VADAKUCHIPALAYAM, KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## **IV YEAR EEE NAME LIST 2022-23**

S.NO	REG NO	NAME	
1	420319105301	BALAKRISHNAN V .	P
2	420319105302	KRISHNARAJ R	P
3	420319105303	LASARVIJAY B	P

TO WILL OR IN THE STATE OF THE

Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601,



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

#### SHRI SAI NDT

This is certify that the Mr/Ms BALAKRISHNAN V., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical Engineering . Have successfully completed internship program in our training division SHRI SAI NDT on 16.10.2023. During the training period, he/she had Visited "Electrical operation and mechanism" during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*\*



Dr.R.PANNEERDHASS, M.E..Ph.O.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST.
VILLUPURAM. 605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

### **SHRI SAI NDT**

This is certify that the Mr/Ms KRISHNARAJ R ., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical Engineering . Have successfully completed internship program in our training division SHRI SAI NDT on 16.10.2023. During the training period, he/she had Visited "Electrical operation and mechanism" during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*

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Dr.R.PANNEERDHASS, M.E., 176 O.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.



(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

### CERTIFICATE OF PARTICIPATION IN INDUSTRIAL VISIT

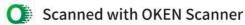
### **SHRI SAI NDT**

This is certify that the Mr/Ms LASARVIJAY B ., AR ENGINEERING COLLEGE, Kappiampuliyur, IV year of Electrical Engineering . Have successfully completed internship program in our training division SHRI SAI NDT on 16.10.2023. During the training period, he/she had Visited "Electrical operation and mechanism" during the training program. During the above period, his/her involvement and attitude towards learning was found to be good.

\*\*\*\*\* We wish the very best on his/her future career\*\*\*\*



Dr.R.PANNEERDHASS,M.E.,PE.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIFALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM.605 601,





ழ்நாடு तमिलनाडु TAMIL NADU Darto : 16/10/2003 The Chairman, A.R. Engineering Pollege, Kappiyampuliyus.

நா.வி.என். 997/C1/ வடக்கு அய்யனார்களம் தெரு. வமுப்புரம். தமிழ்நாடு

MEMORANDUM OF UNDERSTANDING BETWEEN VILLAGE TECHNOLOGY SCHOOL, CHENNAI AND A.R.ENGINEERING COLLEGE, VILLUPURAM

This agreement made and entered into on 06th March 2023 between VILLAGE TECHNOLOGY SCHOOL, CHENNAI and A.R.ENGINEERING COLLEGE, VILLUPURAM

#### 1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- a. To promote interaction between in "VILLAGE TECHNOLOGY SCHOOL, CHENNAI & A.R.ENGINEERING COLLEGE, VILLUPURAM mutually beneficial to the Students in the area of Robotics & Automation Engineering.
- b. VILLAGE TECHNOLOGY SCHOOL is an R&D firm primarily focuses on edu-tech to provide early technology exposure to students and nurture their innovation skills to serve as a pathway for students and corporates to learn the next gen technologies. We want our students to dominate the future with their innovations. It provides a rare level of skill set to students which rise up their job opportunities. We are well known for our fun-based collaborative practical teaching approach. We also create numerous national and international winners at various robotics and innovative contests held all over the world. VILLAGE TECHNOLOGY SCHOOL has delivered more than 200 products, 500+ projects and has trained more than 3000 students in various domains including Embedded Systems, Robotics, IoT, etc. Founded in 2008 at Villupuram, we have been committed to being the best at what we do, serving clients all over India by not just meeting their needs, but exceeding them.



VILLUPURAM

605 601

Dr. PANNEEROHASS, M.E. Ph D., Vadakuchipalayam, Kappiyampuliyur (P.O), Villupuram - 605 601 PRING IP AND 1146-232121, 9487447625 E-mail: arec.svet@gmail.com/www.bagsENGINEERING VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST, VILLUPURAM-605 601.



### 2. PROPOSED MODES OF COLLABORATION

"VILLAGE TECHNOLOGY SCHOOL, CHENNAL & A.R.ENGINEERING COLLEGE, VILLUPURAM proposes to collaborate through

- AREC sponsoring 2<sup>rd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students of All Department of Engineering courses.
- 2. VILLAGE TECHNOLOGY SCHOOL will conduct Hands-on technical Training & Skill Development program, Internships (Involves selection process). Industrial Training and FDP technical sessions (only under mutual consent) to all students at AREC Premises.

### 3. SCOPE OF MoU

Based on a study of the objectives and strengths of both the organizations, a MoU is agreed upon which envisages the following:

## a) Joint Interdisciplinary Research and Developmental projects:

Applying for joint projects from CSIR or UGC or other similar agencies funding research grants, mutual sharing of grants for the benefit of both organizations, joint publications arising from such research grants.

## b) Hands-on Commercial product Development Training & Skill Development program

The Company will provide Product based learning programs (in their expertise area) in coherent with curriculum every semester from semester III to VII, in the category of value added course. The learners can take away product after the successful completion of the training at the college premises. The financial consideration will be dealt on mutual acceptance.

#### e) Curriculum Design:

The company will give valuable inputs to the institution in teaching/training methodology and suitably customize the curriculum so that the students fit into the industrial needs and standards.

## d) Sponsored Internships (The Company will bear the required material expenses)

The Company will provide Sponsored Internship to selected meritorious students' batch after conducting assessment during the value added course period. The terms and conditions for this will be dealt separately. (Standard selection process involved)

#### e) Industrial Training and Visit

VILLAGE TECHNOLOGY SCHOOL can arrange possibly Industrial visits and training in relevant fields depending upon the availability. The industrial training and exposure





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

provided to the students and faculties through this association to build confidence and prepare the students to have a smooth transition from academic to working career.

## f) Faculty Development program

VILLAGE TECHNOLOGY SCHOOL will provide faculty development programs to teach the faculties in the emerging trends of technology. The term FDP involves lecture sessions, open source software's and company copyrighted learning materials (if any) to the department. The institution needs to provide customary support of providing transport and staying facilities to the trainer's assigned by the company.

As VILLAGE TECHNOLOGY SCHOOL is trying to expand the facilities, no activities (above mentioned) will be carried out at the company premises till further notice. All training, internships and other programs will be carried at college premises only.

### 4. Relationship between parties

It is expressly agreed that both parties are acting under this MoU shall not be constructed as partnership. Neither party is authorize to use the other parties name in any way to make any representation, or create any obligation or liability, expressed or implied on behalf of other party Neither party shall have nor represent itself as having any authority user the terms of this MoU to make the agreement of any kind in the name of binding upon the other party, to pledge the other party's credit or to extend the credit on behalf of the other party

To facilitate the implementation of this agreement, each party shall designate one or more liaison officers to serve on a standing committee. The standing committee will meet as and when required. The standing committee would review each party's participation in this agreement, assess the effectiveness of the agreement and identify modifications that might be necessary. The committee would as appropriate address urgent issues and specific cases of non-compliance.

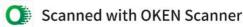
### 5. AMENDMENTS

No amendments or modifications of this MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MoU. The modifications shall be effective from the date on which they are made or executed, unless otherwise agreed to.





DER.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE



### 6. SOLE ARBITRATION CLAUSE:

If any dispute or difference whatsoever arising between the parties hereto out of or relating to the construction of meaning and operation or effect of this agreement or breach thereof, which cannot be settled between the parties shall be settled in accordance with the provisions of Arbitration and Conciliation Act 1996 by referring the dispute to a sole arbitrator and the award made in pursuance thereof shall be final and bind on the parties.

#### 7. DURATION OF THE MOU

The duration of this MoU shall be for 5 Years from the date of signing of this MoU and shall be renewed on mutual agreement by both parties thereon. It may be modified by mutual written consent of both the parties.

#### 8. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

By signing below, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of

VILLAGE TECHNOLOGY SCHOOL, **CHENNAI** 

Name: Mr. BALAJI THIRU

Title: FOUNDER

Date : 06-03-2023

Witness:

On behalf of

A.R.ENGINEERING COLLEGE, VILLUPURAM

By

Name: Dr.R.PANNEERDHASS

Title

: PRINCIPAL

Date

: 06-03-2023

Witness:





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu,

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

INDUSTRIAL VISIT REPORT

Y ear/Sem: II& III/III& V

Visited date: 16.05.2023

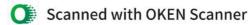
Company Name: .VILLAGE TECHNOLOGY SCHOOL, CHENNAL

Our college has organized an industrial visit on 16<sup>th</sup> May,2023 to village technology school for the second, third of EEE department. VILLAGE TECHNOLOGY SCHOOL established in the year 2015, It is a top player company in the category. This well-known establishment acts as a one-stop destination for servicing customer.

Over the course of its journey, this business has established a firm foothold in it's industry. The belief that customer satisfaction is as important as their products and services, have helped this establishment gamer a vast base of customers, which continues to grow by the day. This business employs individuals that are dedicated towards their respective roles and put in a lot of effort to achieve the common vision and larger goals of the company. In the near future, this business aims to expand its line of products and services and cater to a larger client base. It is an effortless task in commuting to this establishment as there are Electronic Component, Engineering Las Equipment Dealers, Instrument Test Control Measuring Manufacturers

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Dr.R.PANNEERDHASS,M.E.,Ph.D.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-605 601.





(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

Date: 16.05.2023

To

Mr.P.saravanan,

Director,

VILLAGE TECHNOLOGY SCHOOL,

**Panruti** 

Respected Sir,

Sub: Seeking Permission for Internship Training-Reg.

\*\*\*\*Warm greetings from AR ENGINEERING COLLEGE, Kappiyampuliyur\*\*\*\*

We have been always imparting a high standard of practical training so that the students readily match the needs of the industries in Organization. As a part of the curriculum, the students have to undergo Internship Training program, Which enable them to familiarize with the industrial environment. We request you to kindly accord permission to the following Third year students of Mechanical Engineering Department to undergo Internship Training

Our students shall obey all your organization rules and regulations and shall maintain the highest order of discipline during the training period. We are expecting permission for the month of end of the week May or first week of May 2023.

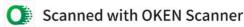
\*\*\*\*We look for your kind permission for the above Internship Training to our students\*\*\*\*

Thanking you,

. .

Dr.R.PANNEERDHASS, M.E. Ph. 7.
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
VILLUPURAM-606 666.







(Approved by AICTE, New Delhi & Affiliated to Anna university, Chemnai) Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamiliyadu.

## II YEAR EEE NAME LIST 2022-23

S.NO	REG NO	NAME	
1	420321105001	BHARATHIS	8
2	420321105003	JAYAVEL S	P
3	420321105004	KALAI STALIN MARAN M	P
4	420321105008	MOHAMED IMTHIYAS E	P
5	420321105009	NITHISHKUMAR V	6)
6	420321105010	RAGUL R	9
7	420321105011	SABARIS	4
8	420321105012	SURIYA M	P
9	420321105013	VASANTHARAJ R	P
10	420321105014	VISHNU PRIYA B	P
11	42032)105301	ANBAZHAGAN M	P
12	420321105302	ELAVARASAN K	0
13	420321105303	JAYAKUMAR R	9
14	420321105304	KANDHAN L	P
15	420321105305	LOKESHWARAN P	The same of the sa
16	420321105308		6
17		SERAN R	P P
18	420321105309	UMASHANKAR R	<u>P</u>
	420321105310	VEERASELVAN C	P
19	420321105311	VIGNESH M	P









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III YEAR EEE NAME LIST 2022-23

III TEAR EEE NAME LIST 2022-25			
REG NO	NAME		
420320105003	KARTHIGA R	8	
420320105006	SRIDEVI S	P	
420320105008	SUGANTHI P	в	
420320105302	ARIRAJ H	P	
420320105303	ARULJOTHI A	P	
420320105306	DHILIPKUMAR S	P	
420320105307	DINESH G	P	
420320105308	GANAPATHY I	P	
420320105310	NANDHAKUMAR N	P	
420320105311	PATCHAIAPPAN M	Ð	
420320105312	SOWNDARRAJ D	6	
	REG NO  420320105003  420320105006  420320105008  420320105302  420320105303  420320105306  420320105307  420320105310  420320105311	REG NO         NAME           420320105003         KARTHIGA R           420320105006         SRIDEVI S           420320105008         SUGANTHI P           420320105302         ARIRAJ H           420320105303         ARULJOTHI A           420320105306         DHILIPKUMAR S           420320105307         DINESH G           420320105308         GANAPATHY I           420320105310         NANDHAKUMAR N           420320105311         PATCHAIAPPAN M	

Dr.R.PANNEERDHASS, M.E., Ph.O.,
PRINCIPAL
A.R.ENGINEERING COLLEGE
VADAKUCHIPALAYAM,
KAPPIYAMPULIYUR POST,
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