



# **PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE**

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu  
Mobile : 9842102628, 7373002628      Email: info@psyec.edu.in      Website : www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

# **PARTICIPATIVE LEARNING**



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## SEMINAR

### STUDENT LIST-SEMINAR

S.NO	DEPARTMENT	STUDENT NAME	YEAR/ SEM	SUBJECT	TOPIC
1.	EEE	M. PRIYADHARSHINI AND P. SWATHI	III/IV	E8552 - POWER ELECTRONICS	BATTERY OPERATED VEHICLES
2.	EEE	G.AJAI AND A.SIBICHAKKARAVARTHY	II/III	EC3301- ELECTRON DEVICES AND CIRCUITS	BASICS OF ELECTRON DEVICES AND CIRCUITS
3.	CSE	P.RAGUL AND J.PRAVEEN	III/IV	CS8791 -CLOUD COMPUTING	AMAZON WEB SERVICES
4.	CSE	INIYAN AND ARIVUKARASU	II/IV	CS3351-DIGITAL PRINCIPLES AND COMPUTER ORGANIZATION	MEMORY MANAGEM- ENT
5.	ECE	R.KALAIVANI  K.DEVIKA  S.SOWBARNIKA	III/VI	VLSI Design	FPGA Building Block Architectures
6.	ECE	RAMAR.A BUVANESHWARAN.M VISHNUVARDHAN.M	II/III	Linear Integrated Circuits	Monolithic switching regulator



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## STUDENT SEMINAR

DATE	STUDENTS NAME	YEAR/ SEM	SUBJECT	TOPIC
09.09.2022	M.PRIYADHARSHINI AND P. SWATHI	III/VI	POWER ELECTRONICS	BATTERY OPERATED VEHICLES



GLIMPSE OF THE EVENT: STUDENT TAKING SEMINAR IN SEMINAR HALL

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# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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## STUDENT SEMINAR

DATE	STUDENT NAME	YEAR/ SEM	SUBJECT	TOPIC
5.10.2022	G.AJAI AND A.SIBICHAKKARAVARTHY	II/III	ELECTRON DEVICES AND CIRCUITS	BASICS OF ELECTRON DEVICES AND CIRCUITS



**GLIMPSE OF THE EVENT: STUDENT TAKING SEMINAR IN SEMINAR HALL**

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## STUDENT SEMINAR

DATE	STUDENT NAME	YEAR/ SEM	SUBJECT	TOPIC
5.10.2022	P.RAGUL AND J.PRAVEEN	III/VI	CLOUD COMPUTING	AMAZON WEB SERVICES



**GLIMPSE OF THE EVENT: STUDENT TAKING SEMINAR IN SEMINAR HALL**

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## STUDENT SEMINAR

DATE	STUDENT NAME	YEAR/ SEM	SUBJECT	TOPIC
5.10.2022	INIYAN AND ARIVUKARASU	II/IV	DIGITAL PRINCIPLES AND COMPUTER ORGANIZATION	MEMORY MANAGEMENT



**GLIMPSE OF THE EVENT: STUDENT TAKING SEMINAR IN SEMINAR HALL**

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# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

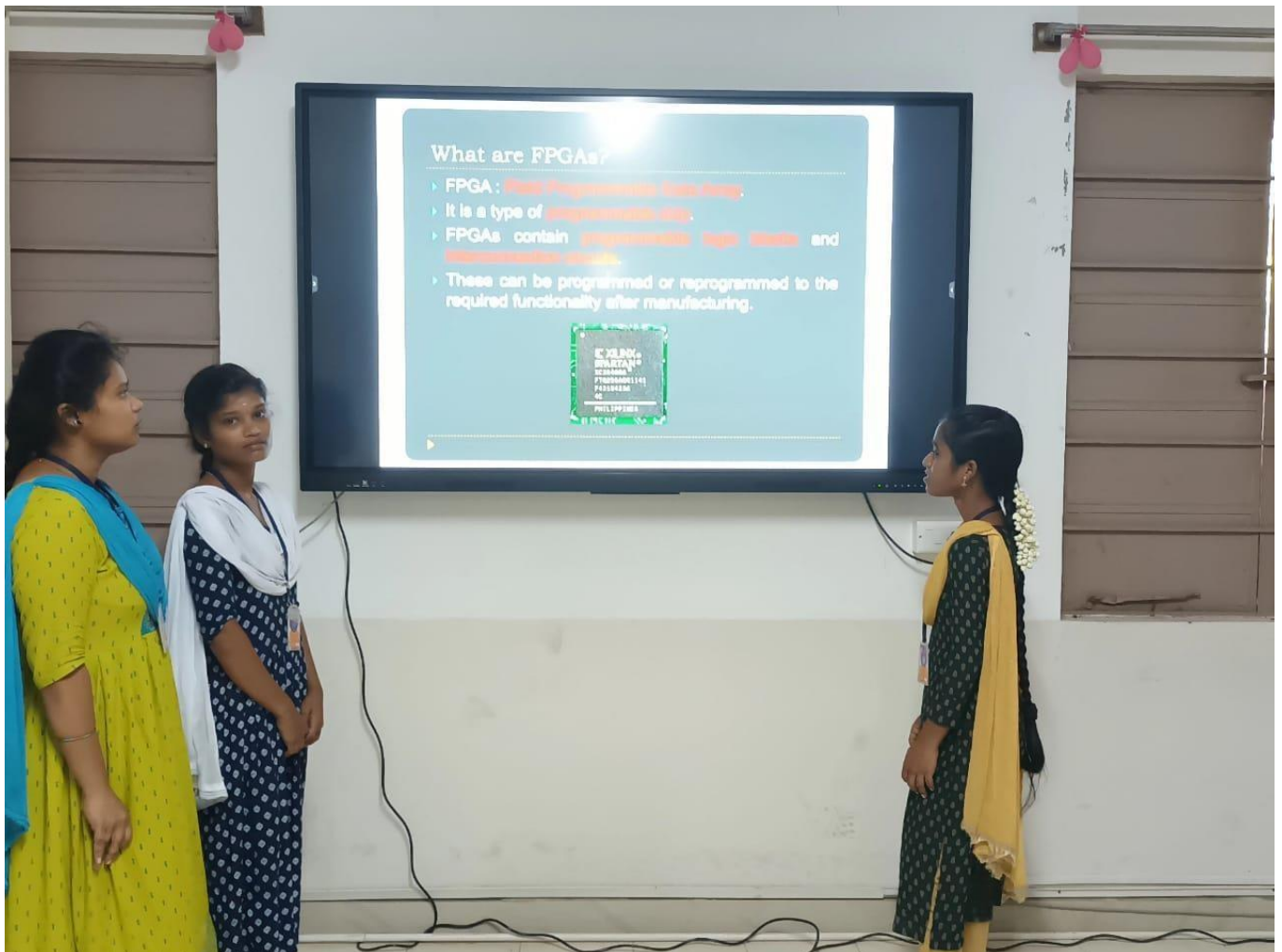
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## STUDENT SEMINAR

DATE	STUDENTS NAME	YEAR/ SEM	SUBJECT	TOPIC
15.09.2022	R.KALAIVANI  K.DEVIKA  S.SOWBARNIKA	III/VI	VLSI Design	FPGA Building  Block  Architectures







# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

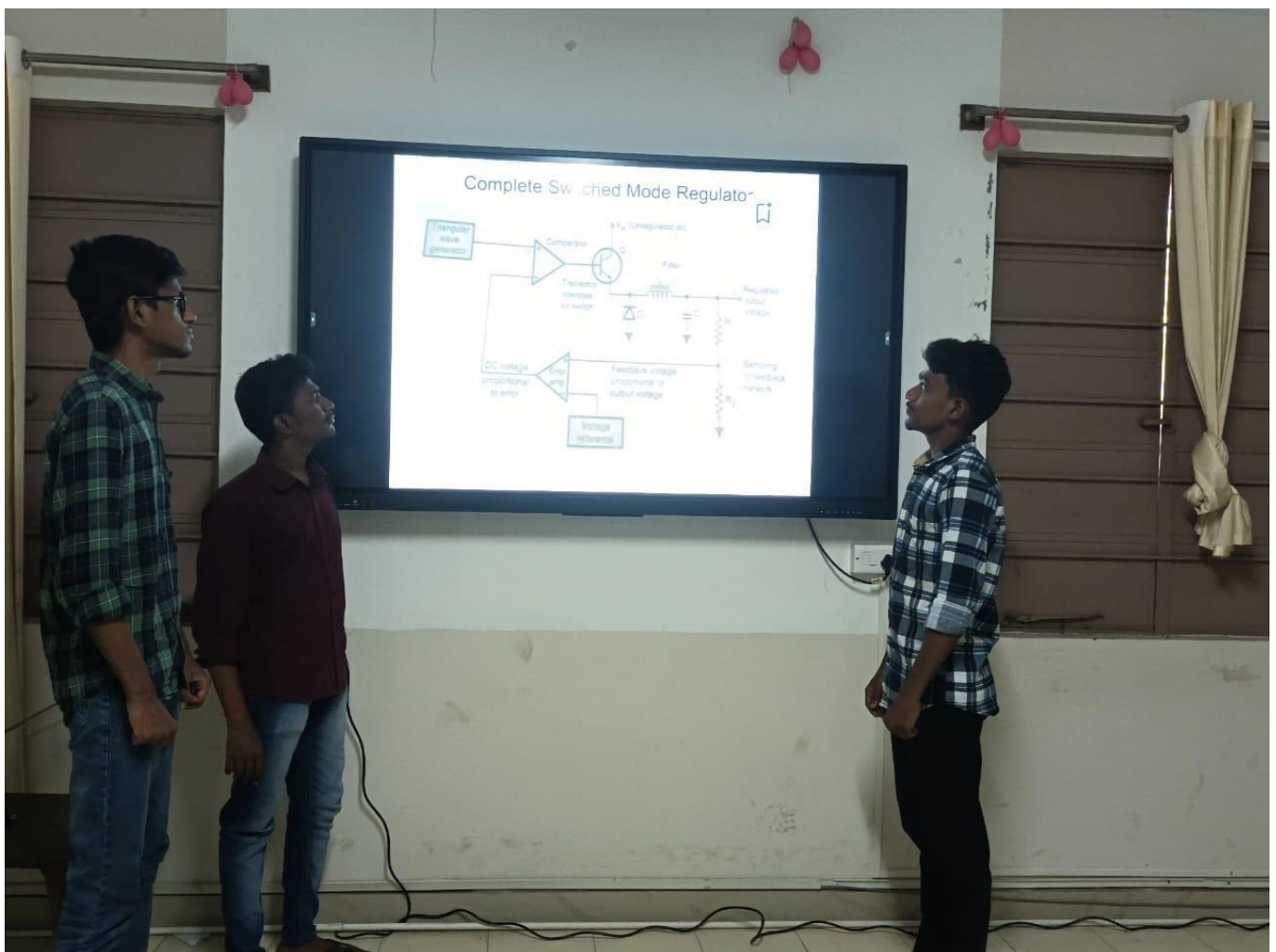
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## STUDENT SEMINAR

DATE	STUDENTS NAME	YEAR/ SEM	SUBJECT	TOPIC
13.10.2022	RAMAR.A BUVANESHWARAN.M VISHNUVARDHAN.M	II/III	Linear Integrated Circuits	Monolithic switching regulator



GLIMPSE OF THE EVENT: STUDENT TAKING SEMINAR IN SEMINAR HALL





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

DATE: 22.03.2023

### **INTERNSHIP**

#### **REPORT ON INPLANT TRAINING TO TUTICORIN-NAGAI THERMAL POWER PLANT**

The Department of Electronics and Electronics Engineering at Pandian saraswathi yadav engineering college. A total of 30 students are currently participating in an in-plant training program at at Tuticorin-Nagai Thermal Power Plant. In addition to their academic syllabus, these students have the opportunity to gain practical experience and study modern technologies in their respective fields. This real-time industrial exposure provides the necessary assistance for enhancing their intellectual and technical proficiency in current technology. Inplant training in Tuticorin offers hands-on exposure in several domains. This training program aims to prepare participants for recruitment at reputable multinational corporations, adhering to high competitive standards. They provided comprehensive information regarding their courses and training programs for various projects. During the training duration, the trainers will closely examine the student's mindsets and effectively manage those using innovative technologies. This type of crucial real-time training has transformed a limited understanding of knowledge into a strong foundation in those fundamental areas, enabling individuals to secure employment in the highly competitive profession of warfare.

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In plant training is an effective method to develop a skilled engineer through practical experience.



## Glimpse of the event: In-plant training in Tuticorin-Nagai Thermal Power Plant

Students enhancing their knowledge through in-plant training program at Tuticorin-Nagai Thermal Power Plant. Thermal power plants are being built with advanced technology, which will have a lesser impact on the environment. The MEIL established two thermal power plants in Tamil Nadu -- Tuticorin (525-MW) and Nagai (150-MW). In Tamil Nadu, the 525-MW capacity thermal plant is coal-based. This was built for SEPC Power Private Limited in Tuticorin. Power generated at this plant is for the Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO) to meet the requirement of the State. The project is located 10 km from Thoothukudi town in Tuticorin district. An extent of 90 acres of land was taken on lease from VO Chidambaranar Port Trust for the project.

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**1.3.2 Number of ELECTRONICS AND COMMUNICATION ENGINEERING STUDENTS**  
undertaken the project/internship/field work during the academic year 2022-2023

**PROGRAMME NAME & CODE: ECE & 106**

SI NO	Register no	Name of the students	year	Field work
1	912021106002	Anitha T	II	*
2	912021106003	Annamalai G	II	*
3	912021106004	Gokul Raja G	II	*
4	912021106005	Gopikrishna T	II	*
5	912021106006	Jayanthan C	III	*
6	912021106008	Kabilan R	II	*
7	912021106009	Karuppu Raja R	II	*
8	912021106011	Naveenkumar M	II	*
9	912021106012	Priyanka A	II	*
10	912021106013	Rajalakshmi D	II	*
11	912021106014	Rajamanikandan R	II	*
12	912021106015	Rakkumuthu M	II	*
13	912021106016	Sagan K	II	*
14	912021106017	Sakthipriya S	II	*
15	912021106018	Seenibala Sivanesh S	II	*
16	912021106019	Sneka B	II	*
17	912021106020	Subashini M	II	*
18	912021106021	Varshini S	II	*
19	912021106022	Vinothini M	II	*
20	912021106023	Yohamathavan C	II	*
21	912021106701	Sowmiyan M	II	*



Dr. R. RAJA M.E., Ph.D.,  
PRINCIPAL  
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ENGINEERING COLLEGE  
arasanoor, Thirumansolai P.O-630 561  
Sivagangai Dist, Tamil Nadu

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## DEPARTMENT OF ELCETRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2022-2023

### INDUSTRIAL VISIT DETAILS

SI NO	EVENT DATE	YEAR/SEM	COMPANY NAME	STRENGTH
1	15.09.2023	II/IV	CHIP SOFTWARE SYSTEMS PRIVATE LTD, ERNAKULAM, KERALA 682011	21 STUDENTS + 3 FACULTIES

PREPARED BY

*M. Lakshmi Narayanan*

VERIFIED BY

*[Signature]*

APPROVED BY



*[Signature]*  
Dr. R. RAJA  
PRINCIPAL  
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10.09.2023

From  
The HOD  
Department of Electronics and communication Engineerin g  
Pandian Saraswathi Yadav Engineering College  
Arasanoor-630561

To  
The Principal  
Pandian Saraswathi Yadav Engineering College  
Arasanoor-630561

Respected sir,

**Sub: Requisition Letter-Permission request for on duty-Reg**

The Department of Electronics and Communication Engineering has arranged the Industrial Visit for Third year and Second year students on 15.09.2023 to CHIP SOFTWARE,KERALA as per the instructions. So, I request you to grant OD for Third year and Second year students and below mentioned faculties.

**Faculties Accompanied:**

- 1.Mrs K.Thilaga Meena AP/ECE
- 2.Mrs S.Jagarathul Jalila AP/ECE
- 3.Mr M.Lakshmi Narayanan TPO

Thanking you

Yours sincerely

Dr S.Manikandan ASP/ECE

Dr. R. RAJA M.E., Ph.D.,  
PRINCIPAL  
PANDIAN SARASWATHI YADAV  
ENGINEERING COLLEGE  
Arasanoor, Thirumansolai P.O-630 561  
Sivagangai Dist, Tamil Nadu



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 Gmail

from

Human Resource

CHIP SOFTWARE

Ernakulam, Kerala 682011.

To

The Principal

Pandian Sarawathi Yadav Engineering College, Sivagangai

Dear Principal

Subject: Permission Granted for Industrial Visit on 15/09/2023

We are pleased to acknowledge your request for an industrial visit to CHIP SOFTWARE by the students of Pandian Saraswathi Yadav Engineering College, scheduled for the 15th of September, 2023. We highly appreciate your initiative to provide your students with practical exposure to the industry. Such experiences play a crucial role in enhancing their understanding of real-world applications and technologies.



  
Dr. R. RAJA M.E., Ph.D.,  
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ENGINEERING COLLEGE  
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Sivagangai Dist., Tamil Nadu

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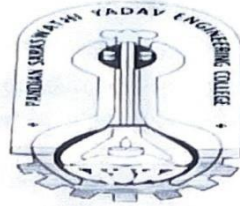
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**Pandian Saraswathi Yadav Engineering College**  
**Arasanoor-630561**



**A REPORT ON INDUSTRIAL VISIT AT**  
**CHIP SOFTWARE SYSTEMS PRIVATE LTD , KERALA**

**SCHEDULED ON 15.09.2023**

**II YEAR**

**Submitted to**

**The Principal**

**Pandian Saraswathi Yadav Engineering College**

**Arasannor-630561**

**Prepared by**

**Students of Electronics and Communication Engineering**

**II Year**

**Pandian Saraswathi Yadav Engineering College**

**Arasannor-630561**

**Dr. R. RAJA M.E., Ph.D.,**  
**PRINCIPAL**  
**PANDIAN SARASWATHI YADAV**  
**ENGINEERING COLLEGE**  
Arasanoor, Thirumansolai P.O-630 56,  
Sivagangai Dist, Tamil Nadu



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## INTRODUCTION:

Chips Software Systems Pvt Ltd (CSSPL) is Strike Off company established on 23 Sep 1993 with its office registered at Ernakulam, Kerala, India and has been running since 30 years 8 months with a paid up capital of 10.00 Lakh. According to MCA records, 0 Directors are linked to this company as of 31 Jan 2024.

CHIP SOFTWARE is an excellent register control system for multi color web offset presses (heatset and coldset) and also for flexo printing. It is built on true innovation and latest image processing and embedded technology to give unmatched performance, print quality and economy to printers worldwide. The design process consists of defining the product requirements for the chip's architecture and system, as well as the physical layout of the chip's individual circuits, which ultimately enable semiconductors to receive, transmit, process, and store ever-increasing amounts of data for today's digital world. The system is highly user-friendly and efficient with rich GUI and touch interface with 100% hands free operations. The product differentiates from other systems currently available with its unique approach and design to maximise waste saving and achieve consistent register quality. The system provides printers with a predictable and outstanding return many times over their investment by improving performance of presses.

## OBJECTIVE:

To take advantage of latest technologies, good talents and our vast industry experience to innovate and build highly affordable and smart solutions that add values to our customers.



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## CONCLUSION

The whole visit was very heartening and has illuminated the spark light on the mind of budding engineers like this. This visit has made to be familiar with the concepts like communication and networking and automation. By the help of components we can well analyze the automation process. We do hope that visit like this stay with us and helps us to create innovation in the fields like networking, broadcasting, automation, integrated circuits. This knowledge may leads as to enhance the skills and get scope in future automation world. We welcome such industrial visit similar to automation company should be arranged in the upcoming semesters for the betterment of Electronics and communication Engineers.

PREPARED BY  
*m. Leelapada Nigam*

*R. Raja*  
VERIFIED BY

*Rb*  
APPROVED BY  
Dr. R. RAJA M.E., Ph.D.,  
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## INDUSTRIAL VISIT PHOTOGRAPHS



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1.3.2 Number of ELECTRONICS AND COMMUNICATION ENGINEERING STUDENTS undertaken the project/internship/field work during the academic year 2022-2023

PROGRAMME NAME & CODE: ECE & 106

SI NO	Register no	Name of the students	year	Field work
1	912020106001	Ajaykannan M	III	*
2	912020106002	Anitha S	III	*
3	912020106003	Antony Brighton N	III	*
4	912020106004	Bhavani Sri G	III	*
5	912020106006	Gokulasuthan M	III	*
6	912020106007	Gowsalya K	III	*
7	912020106008	Kabilan M	III	*
8	912020106009	Kanimozhi D	III	*
9	912020106010	Karthika V	III	*
10	912020106011	Nantha Kumar V	III	*
11	912020106012	Nivetha T	III	*
12	912020106013	Precchi Vaashini M	III	*
13	912020106014	Ranjith P	III	*
14	912020106015	Saran VP	III	*
15	912020106016	Saravanan K	III	*
16	912020106017	Sathishkumar M	III	*
17	912020106018	Sivani S	III	*
18	912020106019	Sujitha B	III	*
19	912020106020	Thilothama M	III	*
20	912020106021	Valarmathi S	III	*
21	912020106301	Arumugam	III	*
22	912020106302	Harivishnu K	III	*



Dr. R. RAJA M.E., Ph.D.,  
PRINCIPAL  
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arasanoor, Thirumansolai P.O-630 561  
Sivagangai Dist, Tamil Nadu

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# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2022-2023

### INDUSTRIAL VISIT DETAILS

SI NO	EVENT DATE	YEAR/SEM	COMPANY NAME	STRENGTH
1	23.09.2023	III/VI	ASAIES AUTOMATION PRIVATE LIMITED Seaport Airport Road, Irumpanam PO, Kochi - 682309, Kerala, India.	22 STUDENTS + 3 FACULTIES

PREPARED BY

*M. Lakshmi Narayan*

*[Signature]*  
VERIFIED BY

APPROVED BY

*[Signature]*  
Dr. R. RAJA M.E., Ph.D.,  
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Thanks & Regards

M. Lakshmi Narayanan  
Training & Placement officer  
Pandian Saraswathi Yadav Engineering College  
Arasanoor  
Mobile +91-6381491608  
<http://www.psyec.edu.in>  
<https://www.facebook.com/PSYECPlacementCell>

----- Forwarded message -----  
From: Biju Cherian <biju@asaies.com>  
Date: Sat, Sep 16, 2023 at 2:07 PM  
Subject: RE: Requesting for an Industrial Visit  
To: psy.madurai <psy.placements@gmail.com>

Dear Sir/Madam

reetings from Asaies!

Thank you for your interest for industrial visit to our Company.

Asaies is a new generation R&D company based in Kochi focused in developing affordable and advanced automation solutions for printing and other industries using latest image processing and embedded technologies.

We can arrange the industrial visit for your students on 23 Sep 2023 from 10 am

The visit will cover in sessions of 20 Students each and explain about our company and products we have developed.

There will be a fee of Rs. 170/- per student. 50% percent of the fee has to be paid in advance to confirm and balance before commencement of visit.



  
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ENGINEERING COLLEGE  
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Sivagangai Dist, Tamil Nadu

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15.09.2023

From

The HOD

Department of Electronics and communication Engineering

Pandian Saraswathi Yadav Engineering College

Arasanoor-630561

To

The Principal

Pandian Saraswathi Yadav Engineering College

Arasanoor-630561

Respected sir,

**Sub: Requisition Letter-Permission request for on duty-Reg**

The Department of Electronics and Communication Engineering has arranged the Industrial Visit for Third year and Second year students on 23.09.2023 to **ASAIES AUTOMATION PRIVATE LIMITED** as per the instructions. So, I request you to grant OD for Third year and Second year students and below mentioned faculties.

**Faculties Accompanied:**

- 1.Mrs K.Thilaga Meena AP/ECE
- 2.Mrs S.Jagarathul Jalila AP/ECE
- 3.Mr M.Lakshmi Narayanan TPO

Thanking you

Yours sincerely

Dr S.Manikandan ASP/ECE

  
Dr. R. RAJA M.E., Ph.D.,  
PRINCIPAL  
PANDIAN SARASWATHI YADAV  
ENGINEERING COLLEGE  
Arasanoor, Thirumansolai P.O-630 56,  
Sivagangai Dist, Tamil Nadu



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**Pandian Saraswathi Yadav Engineering College**  
**Arasanoor-630561**



**A REPORT ON INDUSTRIAL VISIT AT**  
**ASAIES AUTOMATION PRIVATE LIMITED, KOCHI**

**SCHEDULED ON 23.09.2023**

**III YEAR**

**Submitted to**

**The Principal**

**Pandian Saraswathi Yadav Engineering College**

**Arasanoor-630561**

**Prepared by**

**Students of Electronics and Communication Engineering**

**III Year**

**Pandian Saraswathi Yadav Engineering College**

**Arasanoor-630561**

  
**Dr. R. RAJA M.E., Ph.D.,**  
**PRINCIPAL**  
**PANDIAN SARASWATHI YADAV**  
**ENGINEERING COLLEGE**  
**Arasanoor, Thirumansolai P.O-630 561,**  
**Sivagangai Dist, Tamil Nadu**



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## INTRODUCTION:

Asaies Automation Private Limited is a Private incorporated on 16 June 2015. It is classified as Non-govt company and is registered at Registrar of Companies, Ernakulam. Its authorized share capital is Rs. 500,000 and its paid up capital is Rs. 100,000. It is involved in Architectural, engineering and othertechnical activitiesAsaies Automation 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 lastfiledon31March2021.Directors of Asaies Automation Private Limited are Biju Cherian and Rajesh Kumar Vazhicheril Neelakandan.

Acercon is an excellent register control system by ASAIES for multi color web offset presses (heatset and coldset) and also for flexo printing. Acercon is built on true innovation and latest image processing technology to give unmatched performance, print quality and economy to printers worldwide. Our high speed camera system and control unit with real-time data processing enables faster response and instant registration thus minimizing the waste during startup and throughout the print run. The system is highly user-friendly and efficient with rich GUI and touch interface with 100% hands free operations. The product differentiates from other systems currently available with its unique approach and design to maximise waste saving and achieve consistent register quality. The system provides printers with a predictable and outstanding return many times over their investment by improving performance of presses.

## OBJECTIVE:

To take advantage of latest technologies, good talents and our vast industry experience to innovate and build highly affordable and smart solutions that add values to our customers.



  
Dr. R. RAJA M.E., Ph.D.,  
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## CONCLUSION

The whole visit was very heartening and has illuminated the spark light on the mind of budding engineers like this. This visit has made to be familiar with the concepts like communication and networking and automation. By the help of components we can well analyze the automation process. We do hope that visit like this stay with us and helps us to create innovation in the fields like networking, broadcasting, automation, integrated circuits. This knowledge may leads as to enhance the skills and get scope in future automation world. We welcome such industrial visit similar to automation company should be arranged in the upcoming semesters for the betterment of Electronics and communication Engineers.

PREPARED BY

*M. Lakshmi*

*[Signature]*  
VERIFIED BY

APPROVED BY

*[Signature]*  
Dr. R. RAJA M.E., Ph.D.,  
PRINCIPAL

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## INDUSTRIAL VISIT PHOTOGRAPHS



Dr. R. RAJA M.Fin.D.,  
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The Institution of Engineers (India)

STUDENTS' CHAPTER

CERTIFICATE

of

Membership

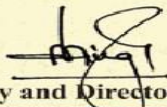
granted to

of



valid upto



  
Secretary and Director General

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## St. MICHAEL COLLEGE OF ENGG. & TECH.,

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)  
Kalayarkoil - 630551, Sivagangai District, Tamil Nadu, India.



Dr. V. MICHAEL  
Founder

### EUPHORIA 2K23

#### CERTIFICATE

This is to certify that Mr./Ms. SIBICHAKKRAVARTHY A of  
PANDIAN SARASWATHI YADAV ENGG COLLEGE has  
successfully won I-prize / II-prize / participated in Paper presentation / Poster presentation / Circuit  
debugging / Tech quiz / Connexion / Marketing / Photography / Guess who? / Jumbled words event  
during the National Level Technical Symposium "EUPHORIA 2K23" conducted on 24th February  
2023 by MICHAEL ENZZ Association, Department of Electrical and Electronics Engineering,  
St. Michael College of Engineering & Technology.

COORDINATOR

HOD

PRINCIPAL

R RAJA

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# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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Madurai  
**hackathon**  
2023

## CERTIFICATE

— OF PARTICIPATION —

THIS CERTIFICATE IS AWARDED TO

**THANVEER AHAMED A**

*thanveera984@gmail.com*

For enthusiastic participation in **Madurai Hackathon 2023**  
conducted in **Thiagarajar College of Engineering**, Madurai,  
on the 11<sup>th</sup> and 12<sup>th</sup> of August, 2023,  
by **Madurai Tech Community**.

12 August 2023

**Date**



**Madurai Tech Community**

A Volunteer Driven Organization

**Trustee**



<https://verify.madurai-tech.org/mh2023/par1805488442.html>

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