



## M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)  
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi  
Accredited with 'A+' grade by NAAC  
An ISO 9001:2015 Certified Institution  
Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956  
Trichy – Pudukkottai Road, Tiruchirappalli – 620 007. Phone:0431-2660 303  
Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu



### 1.3.3 Number of students undertaking project work/field work/internships during last year

Dept:CSE

Academic Year:2023-2024

S.no	Description	Page No.
1	Field Work Students List	2-74

  
PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE  
GUNDUR, TIRUCHIRAPALLI - 620 007.

**REPORT ON INDUSTRIAL VISIT**

**ON**

**20-02-2024(TUESDAY) & 21-02-2024(WEDNESDAY)**



**Mrs.K.DASARATHI SHOHI**

**AP/CSE.,**

**INDUSTRIAL VISIT COORDINATOR**

**SUBMITTED TO,**

**Mr.P.MANIKANDAN, AP/CSE**

**HEAD OF THE DEPARTMENT**

  
**PRINCIPAL**  
**M.I.E.T. ENGINEERING COLLEGE**  
**GUNDUR, TIRUCHIRAPALLI - 620 007.**

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## DETAILS OF JOURNEY

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**M.I.E.T** Engineering college had organized an industrial visit on 20 February,2024 to **SEABLUE SHIPYARD** located in cochin, Kerala for the students of computer science and engineering.

The visit was organized by HOD of computer science and engineering branch ,**Mr.P.MANIKANDAN**.

**Mr.R.RAMACHANDRAN, Mr. A.SATHISH, Mrs.R.SUBHA, Mrs.I.ESWARI,** were the faculties Supervisor for the industrial visit.

We started travelling from the college campus at 10:30 pm in Tourist bus. Totally 70 students along with 4 Faculties Supervisor were there in thejourney.

  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## REQUISITION FOR THE APPROVAL OF INDUSTRIAL VISIT

DATE : 20-02-2024 & 21-02-2024

YEAR - III , SECTION A & B

<u>INDUSTRIAL VISIT DATE</u>	<u>COMPANY NAME</u>	<u>YEAR</u>	<u>NO OF STUDENTS</u>	<u>NO OF FACULTY</u>
20.02.2024 to 21.02.2024	Sea-Blue-Shipyard (cochin)	III <sup>rd</sup> yr	Boys=40 Girls=32	4
TOTAL				76

TOTAL NO.OF HOSTEL GIRLS = 21 & HOSTEL BOYS = 05.

Faculties:

1. Mr.R.Ramachandran AP/CSE.,
2. Mr. A.Sathish, Lab Tech
3. Mrs.R.Subha AP/CSE.,
4. Mrs.I.Eswari AP/CSE.,

*Dasarathi shohi*  
INDUSTRIAL VISIT COORDINATOR  
(Dasarathi shohi. K AP/CSE)

*J. Geetha*  
HOD - CSE 14/2/24

*J. Geetha*  
PRINCIPAL 15/2/24

*J. Geetha*  
CHAIRMAN 19.2.24

*J. Geetha*  
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### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INDUSTRIAL VISIT

DATE : 20-02-2024 & 21-02-2024  
YEAR - III , SECTION A & B

#### Request for Industrial Visit -Reg

HOD CSE & IT <cse.hod@miet.edu> Thu, Feb 8, 2024 at 2:57 PM

To: "hr@seablueshipyard.com" [hr@seablueshipyard.com](mailto:hr@seablueshipyard.com)

Bcc: "admin@seablueshipyard.com" [admin@seablueshipyard.com](mailto:admin@seablueshipyard.com)

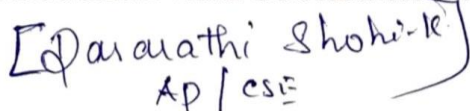
Most Respected Sir,

Greetings, MIET Engineering College is a fast growing Technical Education Institute emphasizing on quality education. During the academic year 2023-2024, it had received approval from AICTE and then affiliated to Anna University, Tiruchirappalli for its Computer Science Engineering programme. As a part of the curriculum, our college Third Year Engineering students are required to participate in Industrial Visits to gain practical insight in the various facets Hence, we have preferred to arrange an Industrial Visit to enrich practical exposure which will help our students to fill the theoretical gaps and thus foster a methodical spirit and scientific sense of enquiry among them. We shall be immensely obliged if you kindly accept to offer an Industrial Visit at your Shipyard for our **Computer Science Engineering students (72 Numbers)** accompanied by **03 faculty members** on your convenient date during **20/02/2024** We request you to kindly send us your concurrence and confirmation for the same at the earliest.

Thanking you,

with Regards,  
Mr.P.Manikandan  
Head Of the Department  
Department of Computer Science & Engineering  
MIET Engineering College  
Trichy - 07

  
INDUSTRIAL VISIT COORDINATOR

  
[Parvathi Shobhi-K]  
Ap / cse

  
HOD/CSE

  
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Website:www.miet.edu, E-mail:principalengp@miet.edu, contact@miet.edu



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INDUSTRIAL VISIT

DATE : 20-02-2024 & 21-02-2024

YEAR - III , SECTION A & B

### RETURN MAIL FROM INDUSTRY

Human Resources @seablue hr@seablueshipyard.com Thu, Feb 8, 2024 at 3:11 PM  
To: HOD CSE & IT cse.hod@miet.edu

Cc: Security Officer soseablueshipyard@gmail.com

Dear ,

Ref: your request dated 08/02/2024, for industrial visit. Permission is granted for 72 students of third year Computer Science Engineering and 3 faculty members of MIET Engineering College

Educational Mail - Request for Industrial Visit -Reg

<https://mail.google.com/mail/u/0/?ik=d3fcf4c08e&view=pt&search=al...> 1 of 2 2/8/2024, 3:45 PM Trichy to visit our company at Vypin on 20/02/2024 @ 11:00AM. Entry fee for a student is 150 rupees, and no fee for faculty members. The students may directed to observe the rules of the company regarding safety and conduct inside the factory premises. Mobile phones, electronic devices, photography/videography are strictly prohibited on the company premises. Only faculty members are permitted to use the phone. You are requested to submit Industrial visit permission letter from the college along with students and faculty name list at the time of visit. If there are any changes in the schedule, please inform us.

Regards,



Ashir | Asst. Manager - Human Resources

Sea Blue Shipyard Ltd  
1/212, VP Road, Azheekal PO, Vypin,  
Kochi - 682508

GSTIN: 32 AAICS 2115 D1ZZ

Mobile : +91 7306822502  
Email : hr@seablueshipyard.com  
Web : www.seablueshipyard.com

*[Signature]*  
INDUSTRIAL VISIT COORDINATOR

*[Signature]*  
[Pasua the Shohi - K,  
Ap/cse

*[Signature]*  
HOD/CSE

*[Signature]*  
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Trichy - Padakkottai Road, Tiruchirappalli - 620 007, Phone-0431-2658303  
Website: www.miet.edu, E-mail: principalsengg@miet.edu, contact@miet.edu



Date:08/02/2024

To

Ashir Thankachan (HR),  
Sea Blue Shipyard Ltd.,  
1/212,VP Road,  
Azheekal PO,  
Vypin,Kochi - 682510.

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that the following list of names is Bonafide Students From M.I.E.T. ENGINEERING COLLEGE - TRICHY, studying in III<sup>rd</sup> Year of Computer Science and Engineering Department of our college with the strength of 66 students along with 3 staff members to undergo industrial visit in your company on 20<sup>th</sup> and 21<sup>st</sup> FEBRUARY 2024

  
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## COMPANY PROFILE



A Premier Port of Call of Excellence

Resurgence through innovation



# SEA BLUE SHIPYARD LTD

An ISO 9001-2015 Certified Shipyard

Sea Blue Shipyard Ltd (SBSL) is a Kochi based, ISO 9001-2015 certified company with a decade long impressive track record in ship building and ship repair. Managed by a team of professionals with proven expertise and consummate experience including Master Mariners, Marine Engineers and Naval Architects. SBSL has an excellent yard at Vypin, equipped with state-of-the-art infrastructure capable of providing comprehensive solutions in ship building, repairing and other engineering fabrication and maintenance projects. SBSL has a unique distinction of being the only private shipyard in Kochi with competitive infrastructure to match its business capabilities. SBSL, with a view to expand its business activities and to make its presence strongly felt across the nation, has established a branch in Goa in 2009, which is specially equipped to carry out repairs of vessels and offshore assets calling at Goa port.

SBSL is built up in 4 acres of land in Vypin, just opposite to the Vallarpadam international Container Transshipment Terminal and a few meters away from the shipping channel and sea mouth. It is close to Cochin Shipyard Ltd, Cochin Port Trust, SPM and LNG Terminal. All these are situated within a radius of 3 kilometers. Cochin Port is the one and only Port in India located close to the 400 million metric ton cargo carrying international sea route line.



  
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## GROUP OBSERVATION

### 1. Navigation and Route Optimization

AI equipment studies past behaviors and learns from them to apply actions itself. By reviewing routes and navigational patterns, AI can navigate vessels without human intervention, opening the possibility for autonomous ships or those with minimal crew members. These operations allow Deckhands to focus on other essential tasks on the ship, ensuring safe cargo delivery and increased efficiency. Information like fuel use and water traffic can offer many applications for vessel efficiency and streamlined operations. Route optimization can help crews reach their destination quicker and optimize time on the water. AI can assist in planning and operating, using details about local weather patterns and forecasts, traffic patterns and fuel use to find the quickest and safest routes for crews.

### 2. Fuel Consumption

Sailing and internal operations require fuel and energy sources to work. AI and machine learning can track how much fuel your vessels consume and suggest strategies to reduce use for better resource and cost management. Fuel consumption can also give insights into inefficient processes, helping drive improvements across ship operations.

### 3. Equipment and Vessel Maintenance

Maintenance is an essential aspect of ship efficiency and safety. When equipment functions at its best, crews can experience better time and fuel efficiency. Even smaller damages and wear can impact entire systems, causing them to overwork and use more energy and fuel, increasing vessel costs and consumption. Damage that goes unnoticed can become a liability for passages, causing potential dangers. AI uses sensors to analyze the performance of your equipment to determine where there might be issues. When it detects uncharacteristic changes in fuel or energy use and heat production, it can alert crews that the machine needs inspection and maintenance. Because crew members have many responsibilities, AI equipment monitoring can provide better upkeep equipment by increasing visibility and awareness. Equipment can receive the attention it needs sooner rather than waiting until the next maintenance, service or inspection cycle.

### 4. Port Density and Traffic

AI analyzes information from many sources, including your radar, sonar and GPS scanners, to provide more specified results to your area. When docking at ports and traveling the waters, it records other vessels and stores it with your historical data. As it gains an understanding of regular patterns, it can help vessels navigate water safely by encountering fewer ships. This data benefits ships in multiple ways. You can complete trips more efficiently by knowing you can dock sooner. This data can also promote greater safety on the water. Even with all available equipment, collisions and accidents are frequent. Analyzing and using traffic pattern data can help your crew avoid heavily trafficked areas and reduce collision risks.

  
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### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### PROGRAMME SCHEDULE (INDUSTRIAL VISIT)

DATE : 20-02-2024 & 21-02-2024

YEAR - III , SECTION A & B

TIME	ACTIVITIES
09.00pm (19/02/2024)	Departure from M.I.E.T campus
8.00 am (20/02/2024)	Breakfast and refreshment
09.00am	Reaching the company (Visiting time - 9.00 am to 10.30 am) at Cochin Company name : Sea-Blue Shipyard Ltd.
11.00 am	Reaching wonderla
02.00pm	Lunch
07.00pm	Dinner and Stay at hotel
06.am 21/02/2023	Travelling to Vagamon ( Kerala) and surrounded places.
2.00 pm	Lunch
3.00 pm	<b>Safety Jeep safari</b> at Vagamon
6.00 pm	Camp fire
7.00pm	Dinner
8.00pm to 09.00pm	Departure from Cochin and returning to M.I.E.T College

  
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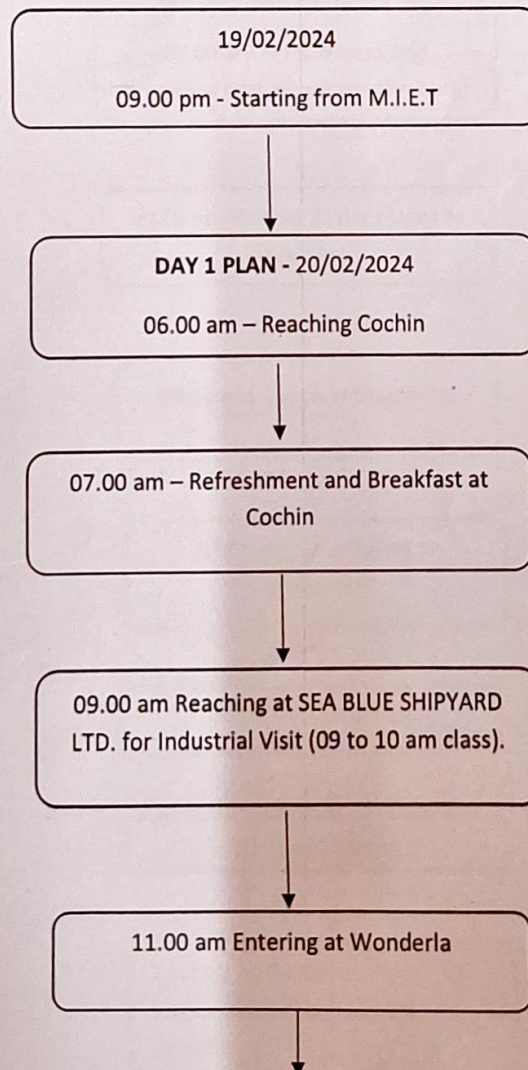


### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

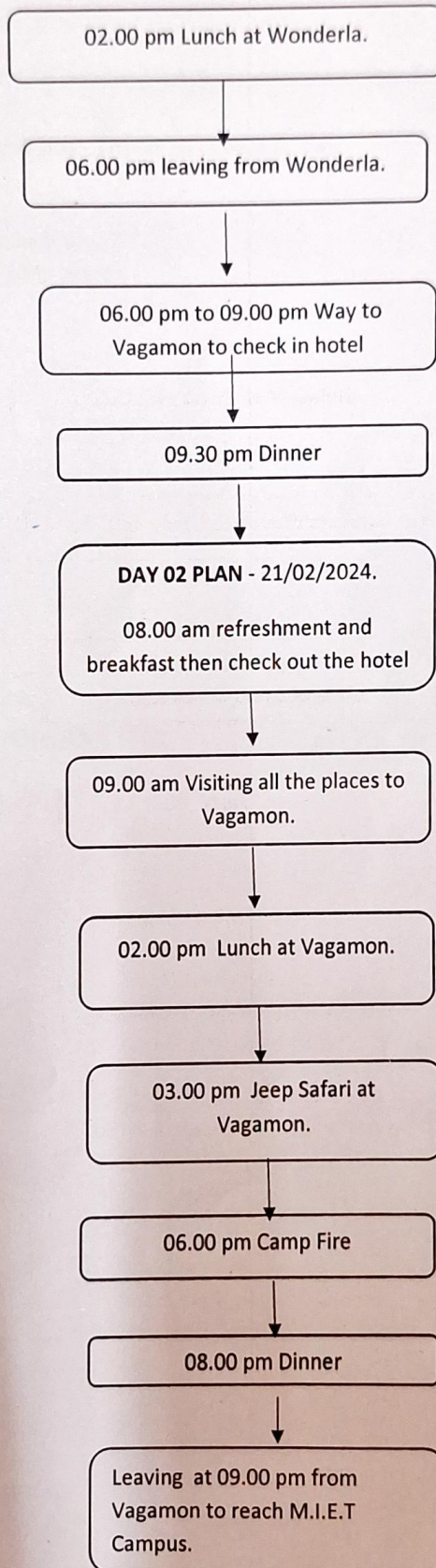
#### INDUSTRIAL VISIT - PLAN SCHEDULE

DATE : 20-02-2024 & 21-02-2024

YEAR - III, SECTION A & B









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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INDUSTRIAL VISIT

DATE : 20-02-2024 & 21-02-2024

YEAR – III, SECTION A & B

### MALE STUDENTS LIST

S.No	Register No.	Name of the Student	Gender
1.	812421104008	ANBU G K	Male
2.	812421104017	DEVANANDH R	Male
3.	812421104018	DINESH KUMAR K	Male
4.	812421104032	HAROON RAHMAN J	Male
5.	812421104033	HARRIS J	Male
6.	812421104036	JANARTHAN R	Male
7.	812421104040	KANNAN S	Male
8.	812421104045	KISHORE E	Male
9.	812421104050	MANIKANDAN V	Male
10.	812421104054	MOHAMED ARSHATH J	Male
11.	812421104055	MOHAMED ASHIK S	Male
12.	812421104056	MOHAMED ASMAL S	Male
13.	812421104057	MOHAMMED FOUZI M	Male

14.	812421104059	MOHAMED JAVID M	Male
15.	812421104061	MOHAMED THOUFIC B	Male
16.	812421104063	MOHAMMED SHAMEEM M	Male
17.	812421104067	MUKIL AKASH S	Male
18.	812421104071	NITHARSHAN VS	Male
19.	812421104075	PARANTHAGACHOZHAN K	Male
20.	812421104077	POTRISELVAN I	Male
21.	812421104003	ABDUL AJEES A	Male
22.	812421104035	ISMAIL S	Male
23.	812421104043	KATHIRAVAN T	Male
24.	812421104079	PRAVEEN KUMAR S	Male
25.	812421104080	PREMKUMAR R	Male
26.	812421104087	SABARIVASAN M	Male
27.	812421104091	SANTHOSH N	Male
28.	812421104097	SHANMUGARAJESHWARAN K	Male
29.	812421104107	SRI RAM PANDIAN T	Male
30.	812421104108	SUDHARSANAM V	Male
31.	812421104082	RAJA RAM P	Male
32.	812421104112	THOUFEEQ ELAHI A	Male
33.	812421104116	VENKATESH R	Male
34.	812421104117	VICTOR BENADICT V	Male

35.	812421104119	VIGNESHWARAN P	Male
36.	812421104122	VINOTHKANNA V	Male
37.	812421104311	SRI DHANUSH BALAJI J	Male
38.	812421104701	NIHAL ASFER K	Male
39.	812421104028	HAJA MOHAIDEEN J	Male



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INDUSTRIAL VISIT

**DATE : 20-02-2024 & 21-02-2024**

**YEAR – III, SECTION A & B**

### FEMALE STUDENTS LIST

S.No	Register No.	Name of the Student	Gender
1.	812421104001	AARTHI M	Female
2.	812421104016	CHARUMATHI K	Female
3.	812421104021	FAISHAL SAHAANA N	Female
4.	812421104024	GOKILA B	Female
5.	812421104031	HARINI K	Female
6.	812421104034	INDHUMATHI A	Female
7.	812421104044	KEERTHANA R	Female
8.	812421104046	KOWSIKA S	Female
9.	812421104049	MAHESHWARI R	Female
10.	812421104052	MEENA S	Female
11.	812421104066	MONIKA R	Female
12.	812421104072	NITHYA HARINI R	Female
13.	812421104073	NOORUL JISRA M	Female
14.	812421104074	NOORUL MOUFICA M	Female
15.	812421104076	PARKAVI P	Female

16.	812421104084	RANJITHA R	Female
17.	812421104085	RASHEEDA REESHMAN M	Female
18.	812421104086	RINOSIYA BEGUM K	Female
19.	812421104088	SAFRIN SHAHANA A	Female
20.	812421104090	SAMEEHA AFRIN A	Female
21.	812421104093	SATHIYASHREE R	Female
22.	812421104092	SATHIYA K	Female
23.	812421104095	SHAMINAD	Female
24.	812421104098	SHARANYA J	Female
25.	812421104102	SINDHU S	Female
26.	812421104103	SNEHA L S	Female
27.	812421104105	SRINITHI J	Female
28.	812421104100	SHUBIKSHA K	Female
29.	812421104114	VAITHEESWARI K	Female
30.	812421104047	KRUTHIKA ROZHINI K	Female
31.	812421104310	SANDRAJESSICAH S	Female





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## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

YEAR - III , SECTION A & B

INDUSTRIAL VISIT ON (20.02.2024 & 21.02.2024)

Total Number of Hostel Girls:21

S.NO	ERP NO	NAME	SIGNATURE
1.	812421104001	AARTHI M	H. Arthi
2.	812421104031	HARINI K	Hary K
3.	812421104034	INDHUMATHI A	A. Indhumathi
4.	812421104044	KEERTHANA R	R. Keerthana
5.	812421104046	KOWSIKA S	S. Kosa
6.	812421104052	MEENA S	S. Meena
7.	812421104066	MONIKA R	R. Moniya
8.	812421104072	NITHYA HARINI R	R. Nithya
9.	812421104073	NOORUL JISRA M	Noorul Jisra M
10.	812421104074	NOORUL MOUFICA M	Noorul Moufika M.
11.	812421104084	RANJITHA R	R. Ranjitha
12.	812421104085	RASHEEDA REESHMAN M	M. Rasheed R.
13.	812421104090	SAMEEHA AFRIN A	A. Sameeha
14.	812421104088	SAFRIN SHAHANA A	A. Safrin Shahana
15.	812421104093	SATHIYASHREE R	R. Sathyashree
16.	812421104092	SATHIYA K	K. Sathy
17.	812421104095	SHAMINA D	D. Sharina
18.	812421104103	SNEHA L S	S. Sneha
19.	812421104113	TIMPIL S	S. Timpil
20.	812421104114	VAITHEESWARI K	K. Vaitheeswari
21.	812421104076	PARKAVI P	P. Parkavi

HOSTEL WARDEN

INDUSTRIAL VISIT COORDINATOR

HOD/CSE



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INDUSTRIAL VISIT

DATE : 20-02-2024 & 21-02-2024

YEAR - III , SECTION A & B

Total Number of Hostel Boys : 05

S.NO	ERP NO	NAME	SIGNATURE
1.	812421104040	KANNAN S	<i>[Signature]</i>
2.	812421104091	SANTHOSH N	<i>[Signature]</i>
3.	812421104033	HARRIS S	<i>[Signature]</i>
4.	812421104059	MOHAMED JAVID M	<i>[Signature]</i>
5.	812421104311	SRI DHANUSH BALAJI J	<i>[Signature]</i>

*[Signature]*  
 6/2/24  
 HOSTEL WARDEN  
 Dy Warden.

*[Signature]*  
 14/2/24  
 INDUSTRIAL VISIT COORDINATOR  
 [Pasavathi Shobik,  
 AP/CSE]

*[Signature]*  
 14/2/24  
 HOD/CSE





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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INDUSTRIAL VISIT

DATE : 20-02-2024 & 21-02-2024

YEAR - III, SECTION A & B

### FACULTY INCHARGE LIST

S.No	Register No.	Name of the Student	Faculty
1.	812421104008	ANBU G K	<b>Mr.R.Ramachandran</b>
2.	812421104017	DEVANANDH R	
3.	812421104018	DINESH KUMAR K	
4.	812421104032	HAROON RAHMAN J	
5.	812421104033	HARRIS J	
6.	812421104036	JANARTHAN R	
7.	812421104040	KANNAN S	
8.	812421104045	KISHORE E	
9.	812421104050	MANIKANDAN V	
10.	812421104054	MOHAMED ARSHATH J	
11.	812421104055	MOHAMED ASHIK S	
12.	812421104056	MOHAMED ASMAL S	
13.	812421104057	MOHAMMED FOUZI M	
14.	812421104059	MOHAMED JAVID M	
15.	812421104061	MOHAMED THOUFIC B	
16.	812421104063	MOHAMMED SHAMEEM M	

17.	812421104067	MUKIL AKASH S	<b>Mr. A.Sathish</b>
18.	812421104071	NITHARSHAN VS	
19.	812421104075	PARANTHAGACHOZHAN K	
20.	812421104077	POTRISELVAN I	
21.	812421104003	ABDUL AJEES A	
22.	812421104035	ISMAIL S	
23.	812421104043	KATHIRAVAN T	
24.	812421104079	PRAVEEN KUMAR S	
25.	812421104080	PREMKUMAR R	
26.	812421104087	SABARIVASAN M	
27.	812421104091	SANTHOSH N	
28.	812421104097	SHANMUGARAJESHWARAN K	
29.	812421104107	SRI RAM PANDIAN T	
30.	812421104108	SUDHARSANAM V	
31.	812421104082	RAJA RAM P	
32.	812421104112	THOUFEEQ ELAHI A	
33.	812421104116	VENKATESH R	
34.	812421104117	VICTOR BENADICT V	
35.	812421104119	VIGNESHWARAN P	
36.	812421104122	VINOTHKANNA V	
37.	812421104311	SRI DHANUSH BALAJI J	

38.	812421104701	NIHAL ASFER K	
39.	812421104028	HAJA MOHAIDEEN J	

S.No	Register No.	Name of the Student	Faculty
1.	812421104001	AARTHI M	<b>Mrs.R.Subha</b>
2.	812421104016	CHARUMATHI K	
3.	812421104021	FAISHAL SAHAANA N	
4.	812421104024	GOKILA B	
5.	812421104031	HARINI K	
6.	812421104034	INDHUMATHI A	
7.	812421104044	KEERTHANA R	
8.	812421104046	KOWSIKA S	
9.	812421104049	MAHESHWARI R	
10.	812421104052	MEENA S	
11.	812421104066	MONIKA R	
12.	812421104072	NITHYA HARINI R	
13.	812421104073	NOORUL JISRA M	
14.	812421104074	NOORUL MOUFICA M	
15.	812421104076	PARKAVI P	
16.	812421104084	RANJITHA R	
17.	812421104085	RASHEEDA REESHMAN M	
18.	812421104086	RINOSIYA BEGUM K	
19.	812421104088	SAFRIN SHAHANA A	

20.	812421104090	SAMEEHA AFRIN A	<b>Mrs.I.Eswari</b>
21.	812421104093	SATHIYASHREE R	
22.	812421104092	SATHIYA K	
23.	812421104095	SHAMINAD	
24.	812421104098	SHARANYA J	
25.	812421104102	SINDHU S	
26.	812421104103	SNEHA L S	
27.	812421104105	SRINITHI J	
28.	812421104100	SHUBIKSHA K	
29.	812421104114	VAITHEESWARI K	
30.	812421104047	KRUTHIKA ROZHINI K	
31.	812421104310	SANDRAJESSICAH S	



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### **REPORT ON ONE DAY INDUSTRIAL VISIT**

**NAME OF THE INDUSTRY** : SEA BLUE SHIPYARD LTD.,  
**PLACE OF VISIT** : KOCHI, KERALA  
**DATE OF VISIT** : 20/02/2024  
**DEPARTMENT** : CSE A&B/ III YEAR CSE

## REPORT ON ONE DAY INDUSTRIAL VISIT

1.	COMPANY VISITED	Sea Blue Shipyard Ltd.,	
2.	NO.OF.STUDENTS	BOYS	39
		GIRLS	31
3.	FACULTY COORDINATS	MALE	2
		FEMALE	2
4.	DATE & TIME OF VISIT	20/02/2024	TIME:10.30PM TO 9.00PM
5.	APPROVAL DATE	18/02/2024	
6.	OBJECTIVE OF THE VISIT	TO DEVELOP THE STUDENTS TECHNICAL IN INDUSTRIAL PERSPECTIVE.	
7.	COMPANY PROFILE & LEARNING EXPERIENCE	<p><b>COMPANY PROFILE:</b></p> <p>Sea Blue Shipyard Ltd (SBSL) is a Kochi based, ISO 9001-2015 certified company with a decade long impressive track record in ship building and ship repair. Managed by a team of professionals with proven expertise and consummate experience including Master Mariners, Marine Engineers and Naval Architects.</p> <p>SBSL has an excellent yard at Vypin, equipped with state-of-the-art infrastructure capable of providing comprehensive solutions in ship building, repairing and other engineering fabrication and maintenance projects. SBSL has a unique distinction of being the only private shipyard in Kochi with competitive infrastructure to match its business capabilities. SBSL, with a view to expand its business activities and to make its presence strongly felt across the nation, has established a branch in Goa in 2009, which is specially equipped to carry out repairs of vessels and offshore assets calling at Goa port.</p>	

		<p><b>LEARNING EXPERIENCE:</b></p> <ol style="list-style-type: none"> <li><b>1. Navigation and Route Optimization</b></li> <li><b>2. Fuel Consumption</b></li> <li><b>3. Equipment and Vessel Maintenance</b></li> <li><b>4. Port Density and Traffic</b></li> </ol>																														
8.	PROGRAMME SCHEDULE	<table border="1"> <thead> <tr> <th>TIME</th> <th>ACTIVITIES</th> </tr> </thead> <tbody> <tr> <td>09.00pm <b>(19/02/2024)</b></td> <td>Departure from M.I.E.T campus</td> </tr> <tr> <td>07.00am <b>(20/02/2024)</b></td> <td>Arrival at cochin</td> </tr> <tr> <td>8.00 am</td> <td>Breakfast and refreshment at cochin</td> </tr> <tr> <td>09.00am</td> <td>Reaching the company (Visiting time - 9.00 am to 10.30 am) at Cochin Company name : Sea-Blue Shipyard Ltd.</td> </tr> <tr> <td>11.00 am</td> <td>Reaching wonderla</td> </tr> <tr> <td>02.00pm</td> <td>Lunch</td> </tr> <tr> <td>06.00 pm</td> <td>Travelling from wonderla to vagamon</td> </tr> <tr> <td>09.00 pm</td> <td>Dinner and Stay at hotel in vagamon</td> </tr> <tr> <td>08.00am <b>21/02/2024</b></td> <td>Visiting Vagamon( Kerala) and surrounded places.</td> </tr> <tr> <td>2.00 pm</td> <td>Lunch</td> </tr> <tr> <td>3.00 pm</td> <td><b>Safety Jeep safari</b> at Vagamon</td> </tr> <tr> <td>6.00 pm</td> <td>Camp fire</td> </tr> <tr> <td>7.00pm</td> <td>Dinner</td> </tr> <tr> <td>8.00pm to 09.00pm</td> <td>Departure from Cochin and returning to M.I.E.T College</td> </tr> </tbody> </table>	TIME	ACTIVITIES	09.00pm <b>(19/02/2024)</b>	Departure from M.I.E.T campus	07.00am <b>(20/02/2024)</b>	Arrival at cochin	8.00 am	Breakfast and refreshment at cochin	09.00am	Reaching the company (Visiting time - 9.00 am to 10.30 am) at Cochin Company name : Sea-Blue Shipyard Ltd.	11.00 am	Reaching wonderla	02.00pm	Lunch	06.00 pm	Travelling from wonderla to vagamon	09.00 pm	Dinner and Stay at hotel in vagamon	08.00am <b>21/02/2024</b>	Visiting Vagamon( Kerala) and surrounded places.	2.00 pm	Lunch	3.00 pm	<b>Safety Jeep safari</b> at Vagamon	6.00 pm	Camp fire	7.00pm	Dinner	8.00pm to 09.00pm	Departure from Cochin and returning to M.I.E.T College
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9.	BRIEF ABOUT THE STUDENT OBSERVATION	<ol style="list-style-type: none"> <li><b>1. Navigation and Route Optimization</b></li> </ol> <p>AI equipment studies past behaviors and learns from them to apply actions itself. By reviewing routes and navigational patterns, AI can navigate vessels without human intervention, opening the possibility for autonomous ships or those with minimal crew members.</p> <ol style="list-style-type: none"> <li><b>2. Fuel Consumption</b></li> </ol> <p>Sailing and internal operations require fuel and energy sources to work. AI and machine learning can track how much fuel your vessels consume and suggest strategies to reduce use for better resource and cost management. Fuel consumption can also give insights into inefficient processes, helping drive improvements across ship operations.</p>																														

<p>10.</p>	<p>CONCLUSION</p>	<p>The report concludes that implementing an IV (Industrial Visit) program in the shipyard offers invaluable experiential learning opportunities for students, allowing them to gain practical insights into shipbuilding processes, safety protocols, and industry standards. The visit fosters a deeper understanding of theoretical concepts and promotes career exploration in the maritime sector. Additionally, it emphasizes the importance of industry-academia collaboration for bridging the gap between theoretical knowledge and real-world application, ultimately enhancing the students' employability and professional development.</p>
<p>11.</p>	<p>ATTACHMENTS</p>	

  
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# PHOTOS



*[Signature]*  
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# CERTIFICATE



## Sea Blue Shipyard Ltd.

(CIN : U35111KL2003PLC016677)



SBSL-IV-067/2023-24

Date: 20/02/2024

### Certificate

This is to certify that, 71 students of Third year CSE, accompanied by four faculty members from **M.I.E.T Engineering College, Trichy, Tamil Nadu**, visited our Shipyard on 20/02/2024 as a part of their curricular activity.

For, Sea Blue Shipyard Ltd.

  
Ashir

Assistant Manager HR



Regd. Office & Yard: 1/212, V.P. Road, Azheekal P.O, Vypin, Kochi - 682 508. Tel: +91 484 2503636

Mob : 9446366004, 9446594666, Fax: +91 484 2502536, E-mail : admin@seablueshipyard.com, tech@seablueshipyard.com

Goa Branch : Flat No 8, IInd Floor, Belmira Plaza, Opp. Lekshmi Petrol Pump, Vascodagama, Goa - 403802. Tel : +91 9158003021, Email: goa@seablueshipyard.com

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# FEEDBACK



## M.I.E.T. ENGINEERING COLLEGE

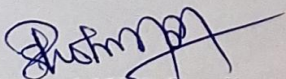
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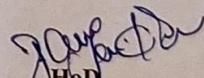


Student Name	V. MANIKANDAN
Student ID	E1215047
Dept, Year & Sem	CSE, III <sup>rd</sup> Year & VI
Mobile number	6374754336
Name of the Company	Seablue Shipyards Limited
Visit Date	20/2/2024

### Student Feedback

1 Training provided is relevant to engineering course.	Yes/No
2 Company provided a well-structured training program.	Yes/No
3 Student is exposed to good engineering practice (team work, engineering ethic, occupational health and safety).	Yes/No
4 Student has good relationship with industrial training supervisor.	Yes/No
5 Student has good inter-departmental interaction/relationship.	Yes/No
6 Student developed managerial skills (planning, monitoring, and corrective measures, reporting).	Yes/No
7 The training is useful for student future endeavor.	Yes/No
8 The training interests and inspires the student to be an engineer after completing my study.	Yes/No
Additional comments/suggestion by students	
Overall Experience is great.	

  
 Industrial Visit Coordinator

  
 HOD

  
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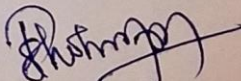
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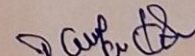


Student Name	Keerthana . R
Student ID	E1215042
Dept, Year & Sem	CSE, III <sup>rd</sup> Year & V <sup>I</sup>
Mobile number	9715244319
Name of the Company	Sea blue ship yard limited
Visit Date	20/02/2024

### Student Feedback

1 Training provided is relevant to engineering course.	Yes/No
2 Company provided a well-structured training program.	Yes/No
3 Student is exposed to good engineering practice (team work, engineering ethic, occupational health and safety).	Yes/No
4 Student has good relationship with industrial training supervisor.	Yes/No
5 Student has good inter-departmental interaction/relationship.	Yes/No
6 Student developed managerial skills (planning, monitoring, and corrective measures, reporting).	Yes/No
7 The training is useful for student future endeavor.	Yes/No
8 The training interests and inspires the student to be an engineer after completing my study.	Yes/No
Additional comments/suggestion by students	
Over all Experience is good.	

  
Industrial Visit Coordinator

  
Principal

  
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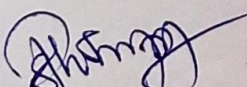
Student Name	KOWSIKA.S
Student ID	E1215044
Dept, Year & Sem	CSE, III <sup>rd</sup> Year & V <sup>I</sup>
Mobile number	8148047153
Name of the Company	Sea blue ship yard limited
Visit Date	20/02/2024

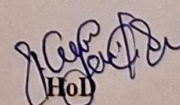
### Student Feedback

1 Training provided is relevant to engineering course.	Yes/No
2 Company provided a well-structured training program.	Yes/No
3 Student is exposed to good engineering practice (team work, engineering ethic, occupational health and safety).	Yes/No
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6 Student developed managerial skills (planning, monitoring, and corrective measures, reporting).	Yes/No
7 The training is useful for student future endeavor.	Yes/No
8 The training interests and inspires the student to be an engineer after completing my study.	Yes/No

Additional comments/suggestion by students

Overall Experience is good.

  
 Industrial Visit Coordinator

  
 HOD





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Student Name	S. Kannan
Student ID	E1215038
Dept, Year & Sem	CSE, III <sup>rd</sup> year 6 <sup>th</sup> sem
Mobile number	7010626024
Name of the Company	Sea blue shipyard limited.
Visit Date	20/2/24

### Student Feedback

1 Training provided is relevant to engineering course.	Yes/No
2 Company provided a well-structured training program.	Yes/No
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5 Student has good inter-departmental interaction/relationship.	Yes/No
6 Student developed managerial skills (planning, monitoring, and corrective measures, reporting).	Yes/No
7 The training is useful for student future endeavor.	Yes/No
8 The training interests and inspires the student to be an engineer after completing my study.	Yes/No
Additional comments/suggestion by students	
The company explanation is good.	

Industrial Visit Coordinator

HOD





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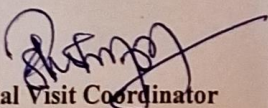
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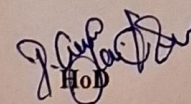


Student Name	Hareem Rahman. J
Student ID	E1215030
Dept, Year & Sem	CSE, III & VI
Mobile number	8778727699
Name of the Company	Sea Blue Shipyard Ltd
Visit Date	20/2/24

### Student Feedback

1 Training provided is relevant to engineering course.	Yes/No
2 Company provided a well-structured training program.	Yes/No
3 Student is exposed to good engineering practice (team work, engineering ethic, occupational health and safety).	Yes/No
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5 Student has good inter-departmental interaction/relationship.	Yes/No
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8 The training interests and inspires the student to be an engineer after completing my study.	Yes/No
Additional comments/suggestion by students	
Company Experience is great	

  
 Industrial Visit Coordinator

  
 Head





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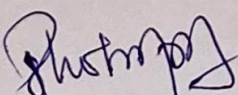
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 Website: www.miet.edu, E-mail: principalengg@miet.edu, contact@miet.edu

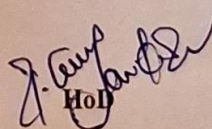


Student Name	N. SANTHOSH
Student ID	E1215088
Dept, Year & Sem	III - Y2 - CSE - VI
Mobile number	9345718790
Name of the Company	SEA BLUE SHIPYARD
Visit Date	20.2.24 & 21.2.24

### Student Feedback

1 Training provided is relevant to engineering course.	Yes/No
2 Company provided a well-structured training program.	Yes/No
3 Student is exposed to good engineering practice (team work, engineering ethic, occupational health and safety).	Yes/No
4 Student has good relationship with industrial training supervisor.	Yes/No
5 Student has good inter-departmental interaction/relationship.	Yes/No
6 Student developed managerial skills (planning, monitoring, and corrective measures, reporting).	Yes/No
7 The training is useful for student future endeavor.	Yes/No
8 The training interests and inspires the student to be an engineer after completing my study.	Yes/No
Additional comments/suggestion by students	

  
 Industrial Visit Coordinator

  
 J. Jayaraman  
 HOD





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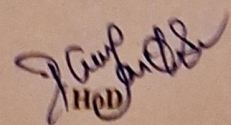


Student Name	J. SHARANYA
Student ID	E1215095
Dept, Year & Sem	CSE, III year - 'VI'
Mobile number	9843491631
Name of the Company	Sea Blue Shipyard
Visit Date	20.02.24 & 21.02.24

### Student Feedback

1 Training provided is relevant to engineering course.	Yes/No ✓
2 Company provided a well-structured training program.	Yes/No ✓
3 Student is exposed to good engineering practice (team work, engineering ethic, occupational health and safety).	Yes/No ✓
4 Student has good relationship with industrial training supervisor.	Yes/No ✓
5 Student has good inter-departmental interaction/relationship.	Yes/No ✓
6 Student developed managerial skills (planning, monitoring, and corrective measures, reporting).	Yes/No ✓
7 The training is useful for student future endeavor.	Yes/No ✓
8 The training interests and inspires the student to be an engineer after completing my study.	Yes/No ✓
Additional comments/suggestion by students	

  
 Industrial Visit Coordinator







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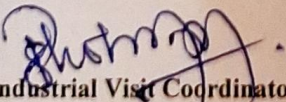
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 Recognized by UGC, under section 2(F) & 2(B) of UGC Act, 1956  
 Faculty - Postgraduate Level, Chennai  
 Website: www.miet.edu, E-mail: principal@miet.edu, contact@miet.edu

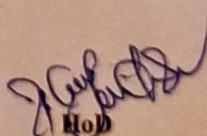


Student Name	K.RINDSIVA BEGUM
Student ID	E1215083
Dept, Year & Sem	III-Y2 - CSE - VI
Mobile number	9500391280
Name of the Company	SEA BLUE SHIPYARD
Visit Date	20.2.24 & 21.2.24

### Student Feedback

1 Training provided is relevant to engineering course.	Yes/No <input checked="" type="checkbox"/>
2 Company provided a well-structured training program.	Yes/No <input checked="" type="checkbox"/>
3 Student is exposed to good engineering practice (team work, engineering ethic, occupational health and safety).	Yes/No <input checked="" type="checkbox"/>
4 Student has good relationship with industrial training supervisor.	Yes/No <input checked="" type="checkbox"/>
5 Student has good inter-departmental interaction/relationship.	Yes/No <input checked="" type="checkbox"/>
6 Student developed managerial skills (planning, monitoring, and corrective measures, reporting).	Yes/No <input checked="" type="checkbox"/>
7 The training is useful for student future endeavor.	Yes/No <input checked="" type="checkbox"/>
8 The training interests and inspires the student to be an engineer after completing my study.	Yes/No <input checked="" type="checkbox"/>
Additional comments/suggestion by students	

  
 Industrial Visit Coordinator

  
 Mob





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 Website: www.miet.edu, E-mail: principalengg@miet.edu, contact@miet.edu



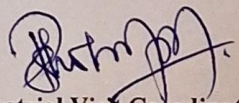
Student Name	V. SUDHARSHANAM .
Student ID	E1215105 .
Dept, Year & Sem	COMPUTER SCIENCE ENGINEERING / III / VI .
Mobile number	9566816509 .
Name of the Company	SEA BLUE SHIPYARD LTD .
Visit Date	20/02/2024 and 21/02/2024 .

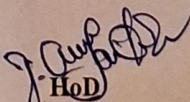
### Student Feedback

1 Training provided is relevant to engineering course.	Yes/No
2 Company provided a well-structured training program.	Yes/No
3 Student is exposed to good engineering practice (team work, engineering ethic, occupational health and safety).	Yes/No
4 Student has good relationship with industrial training supervisor.	Yes/No
5 Student has good inter-departmental interaction/relationship.	Yes/No
6 Student developed managerial skills (planning, monitoring, and corrective measures, reporting).	Yes/No
7 The training is useful for student future endeavor.	Yes/No
8 The training interests and inspires the student to be an engineer after completing my study.	Yes/No

Additional comments/suggestion by students

The Trainee Provide good training to our Students .

  
 Industrial Visit Coordinator

  
 HOD

## CONCLUSION

The report concludes that implementing an IV (Industrial Visit) program in the shipyard offers invaluable experiential learning opportunities for students, allowing them to gain practical insights into shipbuilding processes, safety protocols, and industry standards. The visit fosters a deeper understanding of theoretical concepts and promotes career exploration in the maritime sector. Additionally, it emphasizes the importance of industry-academia collaboration for bridging the gap between theoretical knowledge and real-world application, ultimately enhancing the students employability and professional development.

  
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GUNDUR, TIRUCHIRAPALLI - 620 007.

**REPORT ON INDUSTRIAL VISIT**

**ON**

**28-02-2024(WEDNESDAY) & 01-03-2024(FRIDAY)**



**Mrs.K.DASARATHI SHOHI**

**AP/CSE.,**

**INDUSTRIAL VISIT COORDINATOR**

**SUBMITTED TO,**

**Mr.P.MANIKANDAN, AP/CSE**

**HEAD OF THE DEPARTMENT**

  
**PRINCIPAL**  
**M.I.E.T. ENGINEERING COLLEGE**  
**GUNDUR, TIRUCHIRAPALLI - 620 007.**

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13.	CONCLUSION	41
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### DETAILS OF JOURNEY

M.I.E.T Engineering college had organized an industrial visit on 28 February,2024 to **SPECTURUM SOFTTECH SOLUTIONS** located in Kochi, Kerala for the students of computer science and engineering.

The visit was organized by HOD of computer science and engineering branch, **Mr.P.MANIKANDAN**.

**Mr.P.MANIKANDAN, Mr.T.SENTHIL, Mrs.S.CHINTHANAI SELVI, Mrs.K.NANDHITHA,** were the faculties Supervisor for the industrial visit.

We started travelling from the college campus at 10:30 pm in Tourist bus. Totally 71 students along with 4 Faculties Supervisor were there in the journey.

  
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16h



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Website:www.miet.edu, E-mail:principaieengg@miet.edu, contact@miet.edu



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## REQUISITION FOR THE APPROVAL OF INDUSTRIAL VISIT

DATE : 20-02-2024 & 21-02-2024

YEAR - III , SECTION A & B

<u>INDUSTRIAL VISIT DATE</u>	<u>COMPANY NAME</u>	<u>YEAR</u>	<u>NO OF STUDENTS</u>	<u>NO OF FACULTY</u>
20.02.2024 to 21.02.2024	Sea-Blue-Shipyard (cochin)	III <sup>rd</sup> yr	Boys=40 Girls=32	4
TOTAL				76

TOTAL NO.OF HOSTEL GIRLS = 21 & HOSTEL BOYS = 05.

Faculties:

1. Mr.R.Ramachandran AP/CSE.,
2. Mr. A.Sathish, Lab Tech
3. Mrs.R.Subha AP/CSE.,
4. Mrs.I.Eswari AP/CSE.,

*Dasarathi shohi*  
INDUSTRIAL VISIT COORDINATOR  
(Dasarathi shohi. K AP/CSE)

*J. Geetha*  
HOD - CSE 14/2/24

*J. Geetha*  
PRINCIPAL 15/2/24

*J. Geetha*  
CHAIRMAN 19.2.24

*J. Geetha*  
PRINCIPAL  
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## M.I.E.T. ENGINEERING COLLEGE

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Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu



### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### INDUSTRIAL VISIT

DATE : 20-02-2024 & 21-02-2024

YEAR - III , SECTION A & B

#### Request for Industrial Visit -Reg

HOD CSE & IT <cse.hod@miet.edu> Thu, Feb 8, 2024 at 2:57 PM

To: "hr@seablueshipyard.com" [hr@seablueshipyard.com](mailto:hr@seablueshipyard.com)

Bcc: "admin@seablueshipyard.com" [admin@seablueshipyard.com](mailto:admin@seablueshipyard.com)

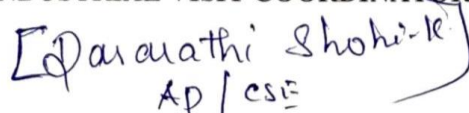
Most Respected Sir,

Greetings, MIET Engineering College is a fast growing Technical Education Institute emphasizing on quality education. During the academic year 2023-2024, it had received approval from AICTE and then affiliated to Anna University, Tiruchirappalli for its Computer Science Engineering programme. As a part of the curriculum, our college Third Year Engineering students are required to participate in Industrial Visits to gain practical insight in the various facets Hence, we have preferred to arrange an Industrial Visit to enrich practical exposure which will help our students to fill the theoretical gaps and thus foster a methodical spirit and scientific sense of enquiry among them. We shall be immensely obliged if you kindly accept to offer an Industrial Visit at your Shipyard for our **Computer Science Engineering students (72 Numbers)** accompanied by **03 faculty members** on your convenient date during **20/02/2024** We request you to kindly send us your concurrence and confirmation for the same at the earliest.


Thanking you,

with Regards,  
Mr.P.Manikandan  
Head Of the Department  
Department of Computer Science & Engineering  
MIET Engineering College  
Trichy - 07

  
INDUSTRIAL VISIT COORDINATOR

  
[Parvathi Shobhi-K]  
Ap / cse

  
HOD/CSE

  
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### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### INDUSTRIAL VISIT

DATE : 20-02-2024 & 21-02-2024

YEAR - III , SECTION A & B

#### RETURN MAIL FROM INDUSTRY

Human Resources @seablue [hr@seablueshipyard.com](mailto:hr@seablueshipyard.com) Thu, Feb 8, 2024 at 3:11 PM

To: HOD CSE & IT [cse.hod@miet.edu](mailto:cse.hod@miet.edu)

Cc: Security Officer [soseablueshipyard@gmail.com](mailto:soseablueshipyard@gmail.com)

Dear ,

Ref: your request dated 08/02/2024, for industrial visit. Permission is granted for 72 students of third year Computer Science Engineering and 3 faculty members of MIET Engineering College

Educational Mail - Request for Industrial Visit -Reg

<https://mail.google.com/mail/u/0/?ik=d3fcf4c08e&view=pt&search=al...> 1 of 2 2/8/2024, 3:45 PM Trichy to visit our company at Vypin on 20/02/2024 @ 11:00AM. Entry fee for a student is 150 rupees, and no fee for faculty members. The students may directed to observe the rules of the company regarding safety and conduct inside the factory premises. Mobile phones, electronic devices, photography/videography are strictly prohibited on the company premises. Only faculty members are permitted to use the phone. You are requested to submit Industrial visit permission letter from the college along with students and faculty name list at the time of visit. If there are any changes in the schedule, please inform us.

Regards,



Ashir | Asst. Manager - Human Resources

Sea Blue Shipyard Ltd  
1/212, VP Road, Azheekal PO, Vypin,  
Kochi - 682508  
GSTIN: 32 AAICS 2115 D1ZZ

Mobile : +91 7306822502  
Email : [hr@seablueshipyard.com](mailto:hr@seablueshipyard.com)  
Web : [www.seablueshipyard.com](http://www.seablueshipyard.com)

*Rushmi*  
2/24  
INDUSTRIAL VISIT COORDINATOR

*[Pasua the Shohi - K]*  
Ap/cse

*P. Jayaraman*  
HOD/CSE

*[Signature]*  
PRINCIPAL  
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Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu



Date:08/02/2024

To

Ashir Thankachan (HR),  
Sea Blue Shipyard Ltd.,  
1/212,VP Road,  
Azheekal PO,  
Vypin,Kochi - 682510.

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that the following list of names is Bonafide Students From M.I.E.T. ENGINEERING COLLEGE - TRICHY, studying in III<sup>rd</sup> Year of Computer Science and Engineering Department of our college with the strength of 66 students along with 3 staff members to undergo industrial visit in your company on 20<sup>th</sup> and 21<sup>st</sup> FEBRUARY 2024

  
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## COMPANY PROFILE



Spectrum Softech Solutions Pvt. Ltd., Kochi, Kerala was incorporated as a private limited company in 1998 with an objective of offering advanced technological solutions in the fields of Information Technology (IT) and Information Technology Enabled services (ITES). In July 2006, Spectrum became the first Private-Sector IT Park in Kerala. With the State-of-the-Art building of 55,000 sq. ft., sophisticated technical infrastructure and more than 400 professionals, Spectrum is now the front-line service provider in IT infrastructure services industry, catering to both domestic and international clients.

There are a host of services Spectrum offer including Software Development, Web Designing/Development, Domain Registration, Web Hosting, Server Administration(Windows/Linux), Voice Technical Support, Remote Server Administration, Server Co-location, Search Engine Optimization, Medical Transcription and E-Commerce solutions. Being a steadfastly growing organization, Spectrum is also creating employment potential in different spheres for a large pool of educated youth; both freshers and experienced professionals in the state of Kerala.

At Spectrum, we are striving to understand the changing customer needs and stay in-line with the increasing demands of the industry. By constantly upgrading the quality of our processes, we simply customize the technology readily usable to the clients. Spectrum is proud of our solid team of Information Systems professionals, including those trained abroad, who study, design, develop, enhance, customize, implement, maintain and support various aspects of IT products and services. For all the overseas business ventures, especially the North American clients, we work in close association with our business partner, M/S Spectrum Software Solutions Inc., New York, USA.





## GROUP OBSERVATION

### 1. PYTHON PROGRAMMING

Python's developers aim for it to be fun to use. This is reflected in its name—a tribute to the British comedy group [Monty Python](#) and in occasionally playful approaches to tutorials and reference materials, such as the use of the terms "spam" and "eggs" (a reference to [a Monty Python sketch](#)) in examples, instead of the often-used . A common [neologism](#) in the Python community is *pythonic*, which has a wide range of meanings related to program style. "Pythonic" code may use Python [idioms](#) well, be natural or show fluency in the language, or conform with Python's minimalist philosophy and emphasis on readability. Code that is difficult to understand or reads like a rough transcription from another programming

### 2. FULL STACK

Full-stack developers may be creative, graphically inclined, internet- and tech-savvy, and have excellent attention to detail. You'll want to learn the following skills to have a career in full-stack development:

- **Front-end development** is the process of creating the interface of a website. It entails coding details like drop-down menus, fonts, colors, and page layouts. Full-stack developers should also know how to work with front-end technologies like HTML, CSS, and scripting languages such as JavaScript to make websites and applications visually viable and appealing.
- **Back-end development** skills entail using back-end programming languages like Python, PHP, Ruby on Rails, and CakePHP and understanding how algorithms and business logic work.

### 3. MANGO DB

MongoDB databases use a query language that's similar to SQL databases and is extremely approachable for beginner and advanced developers alike. This accessibility makes it easy to push, query, sort, update and export your data with common help methods and simple shell commands

  
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Website:www.miet.edu, E-mail:principal@gg@miet.edu, contact@miet.edu



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### PROGRAMME SCHEDULE (INDUSTRIAL VISIT)

DATE :28-02-2024 TO 01-03-2024

YEAR - IV, SECTION A & B

TIME	ACTIVITIES
09.00pm (27/02/2024)	Departure from M.I.E.T campus
<b>DAY-1</b> 08.00am(28/02/2024)	Arrival at cochin and Room check in
9.00 am	Breakfast and refreshment at Cochin
10.30am	Reaching the company at Cochin Company name: <b>Spectrum Softech Solutions (P) Ltd.</b> Visiting Time: 1hr (10.30-11.30)
1.00 pm	Lunch
03.00pm	<b>Vypin Beach</b>
06.00 pm	<b>Marine Drive Boating</b>
08.00 pm	Dinner and stay at hotel
<b>DAY-2</b> 10.00am (29/02/2024)	<b>Wonderla(Lunch at Wonderla)</b>
8.00 pm	Dinner, Travel towards <b>Munnar</b> and Midnight room check in
<b>DAY-3</b> 9.00 am (01/03/2024)	Breakfast and visiting the spots in <b>Munnar (JEEP RIDE)</b>
2.00 pm	Lunch
3.00pm	Visiting the balance spots in <b>Munnar (JEEP RIDE)</b>
7.00pm	Dinner and Camp fire and room check out
MIDNIGHT	Travel towards Trichy

*[Signature]*  
INDUSTRIAL VISIT COORDINATOR

*[Signature]*

*[Signature]*  
HOD/CSE

*[Signature]*  
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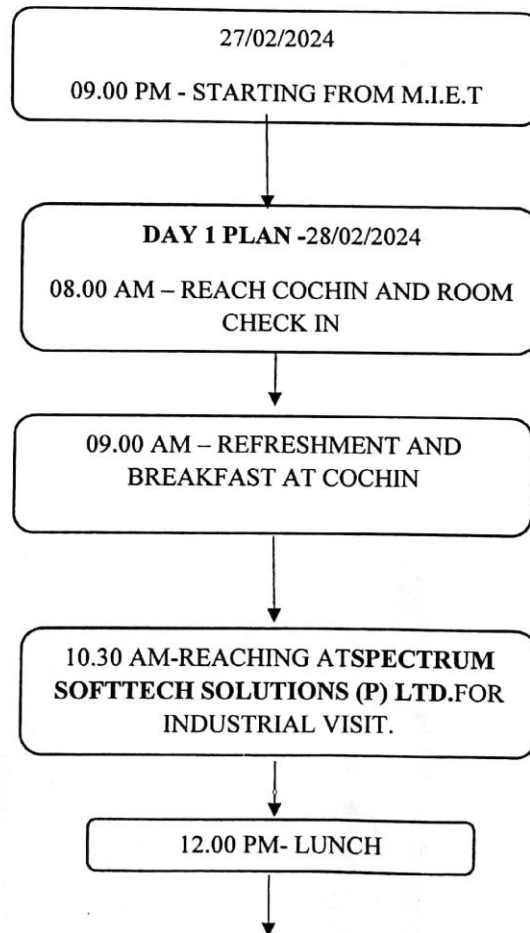


## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INDUSTRIAL VISIT- PLAN SCHEDULE

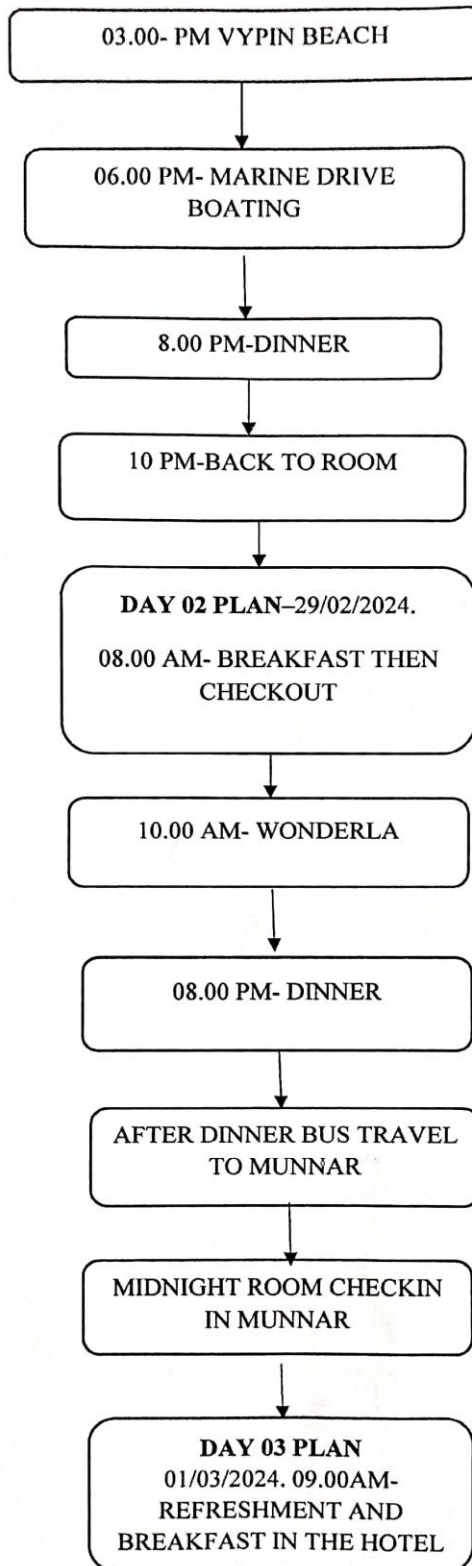
DATE: 28-02-2024 TO 01-03-2024

YEAR - IV, SECTION A & B



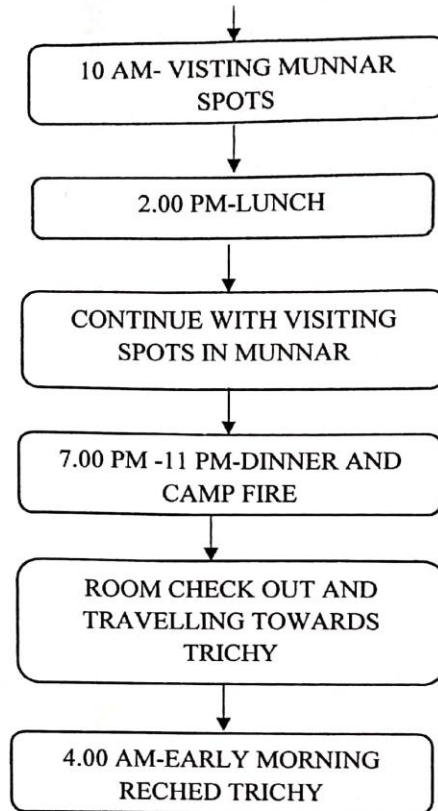
  
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*[Signature]*  
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**INCLUSIONS:**

- Hotel Accommodations \*Classical Non-Ac rooms, accommodating 4 in each room\* Transportation.
- Parking, Tollgate, Check post, Driver Expenses & Tax.
- Guide Services.
- Jeep ride expenses.
- Local entry Tickets include tariff.
- Campfire in any one of the places.

**EXCLUSIONS:**

- If any optional trip.
- Your own expenses.
- Tea expenses.

  
INDUSTRIAL VISIT COORDINATOR

[Dasanathi Shobhi. K]

  
HOD/CSE

  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INDUSTRIAL VISIT

**DATE: 28-02-2024 TO 01-03-2024**

**YEAR – IV, SECTION A & B**

### MALE STUDENTS LIST

S.No	Register No.	Name of the Student	Gender
1.	E1205001	ABDUL BASITH ALI M	Male
2.	E1205004	ABDUL RAHMAN M	Male
3.	E1205006	ABDULLAH B	Male
4.	E1205007	ABU FIRNAS A	Male
5.	E1205009	AKILKRISHNAN A	Male
6.	E1205011	ANAS MOHAMED J	Male
7.	E1205013	ARAVINDH M	Male
8.	E1205014	ARUN N	Male
9.	E1205015	ARUN KUMAR E	Male
10.	E1205020	DAYANITHI T	Male
11.	E1205024	DINESH KUMAR D	Male
12.	E1205025	GEETH PRIYAN K	Male
13.	E1205026	GOBINATH S	Male
14.	E1205029	GUHAN S	Male



15.	E1205033	IJAS AHAMED T	Male
16.	E1205037	JOHN ZEON E	Male
17.	E1205038	KARTHIKEYAN J	Male
18.	E1205039	KARUPPASAMY M	Male
19.	E1205041	KAVIYABHARATHI G	Male
20.	E1205042	KRISHNASAMY P	Male
21.	E1205043	LEELAVINOTH.D	Male
22.	E1205053	MOHAMED FAYAZ E	Male
23.	E1205071	PREM SRI DEV M	Male
24.	E1205075	RIYASDEEN A	Male
25.	E1205077	SABARIVASAN N	Male
26.	E1205078	SAMSON.A	Male
27.	E1205079	SANJAY S	Male
28.	E1205080	SANJAY V	Male
29.	E1205081	SANTHOSHKUMAR N	Male
30.	E1205084	SHEIK ABDUL RAJAK M	Male
31.	E1205097	VENKATESHWARAN E	Male
32.	E1205099	YASAR ARABATH A	Male
33.	E1205100	YUVARAJ J	Male
34.	E 2215101	ABDULKALAM J	Male
35.	E 2215109	IYYAPPAN S	Male

36.	E 2215111	JANAPRASATH B	Male
37.	E 2215112	JEYAPRATHISH M	Male
38.	E 2215114	MOHAMED AFRITH	Male
39.	E 2215115	MOHAMED ANAS K	Male
40.	E 2215116	MOHAMED IRFAN J	Male
41.	E 2215117	MOHAMED JAVITH A	Male
42.	E 2215118	MOHAMED JULPER KHAN M	Male
43.	E 2215120	MOHAN P S	Male
44.	E 2215121	MUTHUMUKILAN P	Male
45.	E 2215125	NAZIR AHAMED K	Male
46.	E 2215127	RAGUNATH T	Male
47.	E 2215129	SANTHOSH G	Male
48.	E 2215130	SARANMATHI R	Male
49.	E 2215132	SUDHARSAN M	Male
50.	E2215062	MOHAMED YUNUS K	Male
51.	E2215008	AHAMED SAMEER H	Male
52.	E2215055	MOHAMED NASIF M	Male
53.	E2215021	DEEPAK P.I	Male



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INDUSTRIAL VISIT

**DATE: 28-02-2024 TO 01-03-2024**

**YEAR – IV, SECTION A & B**

### FEMALE STUDENTS LIST

S.No	Register No.	Name of the Student	Gender
1.	E1205023	DHARSHINI K	Female
2.	E1205019	BHUVANESHWARI M	Female
3.	E1205040	KAVIYA S	Female
4.	E1205066	NASREEN BANU A	Female
5.	E1205068	NOORUL SAMIMA A	Female
6.	E1205069	PAVITHRA.S	Female
7.	E1205070	PREETHI C	Female
8.	E1205074	RAMYA E	Female
9.	E1205085	SHERLY HELEN R	Female
10.	E1205087	SHREYA.S	Female
11.	E1205088	SOPHIYA S	Female
12.	E1205090	SOUNDARYA.S	Female
13.	E1205091	SUBITHA M	Female
14.	E1205092	SUDARVIZHI S	Female



15.	E1205094	TEJASHWINI.T	Female
16.	E1205096	VEENA JASMINE R	Female
17.	E 2215106	HARISHMA K	Female
18.	E 2215131	SATHYA PRIYA B	Female

  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### INDUSTRIAL VISIT ON (28.02.2024 TO 01.03.2024)

#### YEAR - IV, SECTION A & B

#### TOTAL NUMBER OF HOSTEL GIRLS:5

NO	ROLL NO	NAME	SIGNATURE
1	E1205019	BHUVANESHWARI M	M. Bhuvaneshwari
2	E1205068	NOORUL SAMIMA A	Noor Samima
3	E1205087	SHREYA.S	S. Shreya
4	E1205092	SUDARVIZHI S	S. Sudarvizhi
5	E 2215106	HARISHMA K	K. Harishma

6. E125085 SHERLY HELEN. R


R. Shy. R. R.

7. E120509A TEJASHWINI T.


T. Tejal

  
HOSTEL WARDEN

  
INDUSTRIAL VISIT COORDINATOR

  
HOD/CSE

  
PRINCIPAL

  
PRINCIPAL  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INDUSTRIAL VISIT ON (28.02.2024 TO 01.03.2024)

YEAR - IV, SECTION A & B

TOTAL NUMBER OF HOSTEL BOY:1

NO	ROLL NO	NAME	SIGNATURE
1	E1205053	MOHAMED FAYAZ E	

HOSTEL WARDEN

INDUSTRIAL VISIT COORDINATOR

HOD/CSE

PRINCIPAL  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INDUSTRIAL VISIT

**DATE: 28-02-2024 TO 01-03-2024**

**YEAR - IV, SECTION A & B**

### **FACULTY INCHARGE LIST**

S.No	Register No.	Name of the Student	Faculty In charge
1.	E1205001	ABDUL BASITH ALI M	P. MANIKANDAN AND T. SENTHIL
2.	E1205004	ABDUL RAHMAN M	
3.	E1205006	ABDULLAH B	
4.	E1205007	ABU FIRNAS A	
5.	E1205009	AKILKRISHNAN A	
6.	E1205011	ANAS MOHAMED J	
7.	E1205013	ARAVINDH M	
8.	E1205014	ARUN N	
9.	E1205015	ARUN KUMAR E	
10.	E1205020	DAYANITHI T	
11.	E1205024	DINESH KUMAR D	
12.	E1205025	GEETH PRIYAN K	
13.	E1205026	GOBINATH S	
14.	E1205029	GUHAN S	



15.	E1205033	IJAS AHAMED T
16.	E1205037	JOHN ZEON E
17.	E1205038	KARTHIKEYAN J
18.	E1205039	KARUPPASAMY M
19.	E1205041	KAVIYABHARATHI G
20.	E1205042	KRISHNASAMY P
21.	E1205043	LEELAVINOTH.D
22.	E1205053	MOHAMED FAYAZ E
23.	E1205071	PREM SRI DEV M
24.	E1205075	RIYASDEEN A
25.	E1205077	SABARIVASAN N
26.	E1205078	SAMSON.A
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28.	E1205080	SANJAY V
29.	E1205081	SANTHOSHKUMAR N
30.	E1205084	SHEIK ABDUL RAJAK M
31.	E1205097	VENKATESHWARAN E
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36.	E 2215111	JANAPRASATH B
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49.	E 2215132	SUDHARSAN M
50.	E2215062	MOHAMED YUNUS K
51.	E2215008	AHAMED SAMEER H
52.	E2215055	MOHAMED NASIF M
53.	E2215021	DEEPAK P.I

P. MANIKANDAN  
AND  
T. SENTHIL

<b>S.No</b>	<b>Register No.</b>	<b>Name of the Student</b>	<b>Faculty In charge</b>
1.	E1205023	DHARSHINI K	S. CHINTHANAISELVI AND K. NANDHITHA
2.	E1205019	BHUVANESHWARI M	
3.	E1205040	KAVIYA S	
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5.	E1205068	NOORUL SAMIMA A	
6.	E1205069	PAVITHRA.S	
7.	E1205070	PREETHI C	
8.	E1205074	RAMYA E	
9.	E1205085	SHERLY HELEN R	
10.	E1205087	SHREYA.S	
11.	E1205088	SOPHIYA S	
12.	E1205090	SOUNDARYA.S	
13.	E1205091	SUBITHA M	
14.	E1205092	SUDARVIZHI S	
15.	E1205094	TEJASHWINI.T	
16.	E1205096	VEENA JASMINE R	
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### **REPORT ON ONE DAY INDUSTRIAL VISIT**

**NAME OF THE INDUSTRY** : SPECTRUM SOFTTECH SOLUTIONS PVT. LTD.  
**PLACE OF VISIT** : KOCHI, KERALA  
**DATE OF VISIT** : 28/02/2024  
**DEPARTMENT** : CSE A&B/ IV YEAR CSE

  
**PRINCIPAL**  
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GUNDUR, TIRUCHIRAPALLI - 620 007.



## REPORT ON ONE DAY INDUSTRIAL VISIT

1.	COMPANY VISITED	Spectrum Softech Solutions Pvt. Ltd.	
2.	NO.OF.STUDENTS	BOYS	53
		GIRLS	18
3.	FACULTY COORDINATS	MALE	2
		FEMALE	2
4.	DATE & TIME OF VISIT	28/02/2024	TIME:10.30PM TO 9.00PM
5.	APPROVAL DATE	27/02/2024	
6.	OBJECTIVE OF THE VISIT	TO DEVELOP THE STUDENTS TECHNICAL IN INDUSTRIAL PERSPECTIVE.	
7.	COMPANY PROFILE & LEARNING EXPERIENCE	<p><b>COMPANY PROFILE:</b></p> <p>Spectrum Softech Solutions Pvt. Ltd., Kochi, Kerala was incorporated as a private limited company in 1998 with an objective of offering advanced technological solutions in the fields of Information Technology (IT) and Information Technology Enabled services (ITES). In July 2006, Spectrum became the first Private-Sector IT Park in Kerala. With the State-of-the-Art building of 55,000 sq. ft., sophisticated technical infrastructure and more than 400 professionals, Spectrum is now the front-line service provider in IT infrastructure services industry, catering to both domestic and international clients.</p>	

**LEARNING EXPERIENCE:**

1. PYTHON
2. FULL STACK DEVELOPMENT
3. MANGODB

8.

PROGRAMME  
SCHEDULE

TIME	ACTIVITIES
09.00pm (27/02/2024)	Departure from M.I.E.T campus
08.00am (28/02/2024)	Arrival at cochin
9.00 am	Breakfast and refreshment at Cochin
10.30am	Reaching the company at Cochin Company name: <b>Spectrum Softtech Solution</b>
1.00 pm	Lunch
03.00pm	<b>Vypin Beach</b>
06.00 pm	<b>Marine Drive Boating</b>
08.00 pm	Dinner and stay at hotel inCochin
10.00am (29/02/2023)	<b>Wonderla</b>
8.00 pm	Dinner, Travel towards <b>Munnar</b> and Midnight room check in
9.00 am (01.03.2024)	Breakfast and visiting the <b>spots in Munnar (JEEP)</b>
2.00 pm	Lunch
3.00pm	Visiting the balance <b>spots in Munnar (JEEP)</b>
7.00pm	Dinner and Camp fire
MIDNIGHT	Travel towards Trichy

<p>9.</p>	<p>BRIEF ABOUT THE STUDENT OBSERVATION</p>	<p><b>1. PYTHON PROGRAMMING</b></p> <p>Python's developers aim for it to be fun to use. This is reflected in its name—a tribute to the British comedy group <a href="#">Monty Python</a> and in occasionally playful approaches to tutorials and reference materials, such as the use of the terms "spam" and "eggs" (a reference to <a href="#">a Monty Python sketch</a>) in examples, instead of the often-used . A common <a href="#">neologism</a> in the Python community is <i>pythonic</i>, which has a wide range of meanings related to program style. "Pythonic" code may use Python <a href="#">idioms</a> well, be natural or show fluency in the language, or conform with Python's minimalist philosophy and emphasis on readability. Code that is difficult to understand or reads like a rough transcription from another programming</p>
<p>10.</p>	<p>CONCLUSION</p>	<p>The report concludes that implementing an IV (Industrial Visit) program in the spectrum offers invaluable experiential learning opportunities for students, allowing them to gain practical knowledge, safety protocols, and industry standards. The visit fosters a deeper understanding of theoretical concepts and promotes career exploration in the software developing. Additionally, it emphasizes the importance of industry-academia collaboration for bridging the gap between theoretical knowledge and real-world application, ultimately enhancing the students' employability and professional development.</p>
<p>11.</p>	<p>ATTACHMENTS</p>	

  
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# PHOTOS







Kochi, Kerala, India  
1/212, VP Rd, Fort Vypin, Vypin, Kochi, Kerala 682501, India  
Lat 9.975343°  
Long 76.243334°  
20/02/24 11:30 AM GMT +05:30

  
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**M.I.E.T. ENGINEERING COLLEGE**  
**GUNDUR, TIRUCHIRAPALLI - 620 007.**

## CERTIFICATE



### CERTIFICATE OF PARTICIPATION

This is to certify that on **February 28, 2024** **Seventy one** students and **four** faculty members from **M.I.E.T. Engineering College** had visited Spectrum Softtech Solutions (P) Ltd., the first Private-Sector IT Park in Kerala; as part of their curriculum-based Industrial Visit Activity.

Electronically Signed

**Joseph Job**  
Authorized Signatory

March 04,2024 CERTIFICATE ID - 2024-IV-6690

**Spectrum Softtech Solutions Pvt. Ltd.**

Mahakavi G Road, Kochi - 682011 • Phone : 91 484 4082000 • Fax : 91 484 4082408  
e-mail : spectrum@spectrum.net.in • www.spectrum.net.in

  
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**M.I.E.T. ENGINEERING COLLEGE**  
**GUNDUR, TIRUCHIRAPALLI - 620 007.**

## CONCLUSION

The report concludes that implementing an IV (Industrial Visit) program in the shipyard offers invaluable experiential learning opportunities for students, allowing them to gain practical insights into shipbuilding processes, safety protocols, and industry standards. The visit fosters a deeper understanding of theoretical concepts and promotes career exploration in the maritime sector. Additionally, it emphasizes the importance of industry-academia collaboration for bridging the gap between theoretical knowledge and real-world application, ultimately enhancing the students employability and professional development.

  
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