

|| न हि ज्ञानेन सदृशं पवित्रमिह विद्यते || Dr. Vitthalrao Vikhe Patil Foundation's

### Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar DTE College Code: EN-



#### Department of Electronics & Telecommunication

Report of Event (Internship/Field Work/Industrial Visit)

Date:- 08/02/2017 to 10/02/2017

**Time:-**\_10 am to 5.00pm

Class:- T.E & B.E

Venue:- Pune & Wai

Nature of Event (Intern/FW/IV) :- Industrial Visit

#### Name & Address of Company:-\_

- 1. Infinity Automation Systems Pvt. Ltd , Pune , Chinchwad Pune
- 2. Mapro Industries, Wai, Satara.

#### Name of Staff and Delegates:-

- 1. Mr. Amit Kale, Infinity Automation Systems Pvt. Ltd., Pune, Chinchwad Pune
- 3. Miss. Sandhya, HR, Mapro Industries, Wai, Satara.

#### Description of the Event:-

Industrial visit is a part of professional courses, mostly Engineering. During which students visit companies and get insight of on the internal working environment of the company. Industry visits sensitize students to the practical challenges that organizations face in the business world.

#### Objective:

- To help the student bridge the gap between academic theory and practical application and allow you the opportunity to explore a career in any field.
- 2. To obtain knowledge of the organization structure and operations.

#### **Outcomes:**

- 1. Students will able to get idea about practical applications.
- 2. Students will able to understand operations in the industry.

Total Number of Students Present:- 131

SWINSTING OF THE COLUMN TO STATE OF THE COLUM

RINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

H.O.D Dr. A.K.Patil

Head of Electronics & Telecommunication Dept P.D.V.V.P. College of Engineering Vilad Ghat, Ahmednagar-414111



### Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar. Department of Electronics & Telecommunication

**B.E E & TC Industrial Visit-**

A.Y. 2016-17

A

REPORT ON

### "INDUSTRIAL VISIT OF TE & B.E. (E & TC)"

Dated on 8<sup>Th</sup> to 10<sup>th</sup> Feb 2017

**ORGNIZED BY** 

# DEPARTMENT OF ELECTRONICS &TELECOMMUNICATION



PRINCIPAL
Dr. Vithafrao Vikhe Patil
College of Engineering



#### **Contents**

- ◆ Details of Visit
- + Background.
- + About the visit Coordinators.
- → Communication with Industries & Permission letters.
- ♣ Program of visit
- **♣** About Industries
- Approach to Production.

  (Where theory meets practical knowledge)
- **Expenditure**
- **♣** Students Opinion.
- ♣ Vote of Thanks.

Ahmednagar Ahmednagar

PRINCIPAL
Dr. Vithelrao Vikhe Patil
College of Engineering
Ahmednagar

#### Dr. VithalraoVikhePatil College of Engineering, Ahmednagar Department of Electronics and Telecommunication

#### **Industrial Visit**

Academic Year:2016-17

Semester II

Date: 10/02/2017

Class: BE

Subject: Electronics Product Design, Project stage-1 and Project stage-2

Class: TE

Subject: Microcontrollers

No. of Students present: (BE-91, TE-40)

#### A) Name of Company/ Site Visited:

#### 1) Infinity Automation, Pune.

S.No.140, Sector No.1, Tathawade, Pune-411033

Phone/Fax:(020) 2293 4500

#### 2) Mapra Industries, Wai

Wai-Surur Road, Wai 412 803. Dist. Satara, Maharashtra India

#### B) Objectives:

- i) An opportunity to get exposure to the real workstations, plants, machines and systems.
- ii)Opportunity to get the senior functional experts / supervisors to explain about company functions.
- iii) To understand the end-to-end process at all levels in the company.
- iv) Briefing by industry expert about the functioning of machines and systems.
- v) Opportunity to have a face to face session with technical or administrative experts of the organization to ask questions and clarify doubts.
- vi)Opportunity to understand the company policies in terms of production, quality, and service management.
- vii) Make Students Aware with Industry Practices.
- viii) Increase Practical Awareness of various Industrial Sectors.
- ix)Acquaint Students with Interesting Facts and Newer Technologies.
- x) Practical application of instruments handled during course curriculum.



#### C) Short Report on Visit (not more than 10 lines)

- 1. Company involves the programmable logic controller panels, microcontroller panels.
- 2. Using these panels, to design the special purpose machines for the electronics, robotics and mechatronics fields of engineering.
- 3. From this visit, students got the information and practical knowledge about programmable logic controller panels and microcontroller panels.
- 4. Student got the knowledge about different protection devices used in automobile industry.
- 5. They got the idea how to read the one line diagram of electronics unit using different symbols used in diagram.
- 6. Interactive Question and Answer session conducted by Engineers and Manager working at plant.
- Student cleared out practical knowledge of using microcontroller chip inside various automobile applications
- About 50 students were benefited from this visit as they got chance to discussion with engineers working at company.





#### **Details of Visit**

Date of Visit: 8th to 10th Feb 2017

#### Details of Industries:

#### I. Mapro Foods Pvt. Ltd:

Mapro Food Park & Main Unit Administrative Office 122, Shendurjane

Wai-Surur Road, Wai:412 803. Dist. Satara, Maharashtra India

Phone +91.2167.222111 / 308578 / 308561

Fax +91.2167.308562

Contact: Miss.Sandhya

Contact: Miss.Sandhya

#### Company Profile:

Company invo; ves the making of chocolates. Automated machines of chocolate manufacturing is the main focus of visit. Company also have automated packaging machine, conveyors and automation panels.

#### II. Infinity Automation Pune.

S.No.140, Sector No.1, Tathawade, Pune-411033

Phone/Fax: (020) 65104403

Contact: Mr. Amit Kale

#### **Company Profile:**

Company involves the programmable logic controller panels, microcontroller panels. Using these panels, to design the special purpose machines for the electronics, robotics and mechatronics fields of engineering.

Ahmsdnagar R

PRINCIPAL

Dr. Vithalrao Vikhe Patil

College of Engineering



#### Visit Coordinators:

#### Coordinator-

Mr. A.R.Landage Assistant Professor, Coordinator B.E E &TC Industrial Visit-2016-17

#### Faculties-

- Mr.C.K.Kalawade
   Assistant Professor.
- Mr.P.B.Varpe
   Assistant Professor.
- Mr.V.S.Khakal Assistant Professor.
- Miss.S.G.Bharadi Assistant Professor.
- Mr. A.U.Vikhe
   Assistant Professor.

#### **Student Coordinators-**

- . Mr. Akash Gaikwad
- Mr.Atul katariya
- Mr.Sagar kale
- Miss. Anjali nagapure



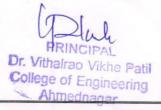
PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



Communication letter/mail with Mapro Foods Pvt.Ltd.

Permission Letter





Inbox (1,376)

Starred

Important

Sent Mail

Drafts (25)

Circles



No recent chats Start a new one Amit Kale <amif.kale@infinityautomations.com>

Dear Sir,

With reference to your trailing mail regarding the indus glad to invite you for the same.

You may visit with your team on 8th Feb. 2017, we will be here to

Thanking you.

With Regards,

**Amit Kale** 

Ph. No.: +91 9325640285



Works: Infinity Automation Systems Pvt Ltd. S.No.140, Sector No.1, Tathawade, Pune-411033 Phone No.: (020) 65104403









Infinity Automation Systems PvI Ltd

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that the students of Dr. Vikhe Patil College of Engineering.

Ahmednagar have visited to our company with following details.

Sr. No.	Description	No. of Students	No.of Staff Members	Date of Visit
1.	Third Year E & TC	40	03	09/02/2017
2.	Final Year E & TC	91	05	09/02/2017

During the visit, it is found that, students shown keen interest and were interacted with our trainers regarding different concepts of PLC, controllers, wirings.

or Infinity Automation Systems Pvt. Ltd.

Authorised Signatory

Works S. No. 140, Jeevan Nagar, Tathawade, Tal. Mulshi, Pune - 411 033 Tel: +01 20 65104403 Chv. U29299PN2006PTC128615

Reg. Off. Address: "MSR QUEENTOWN, WING F-FL 1140, UDYOG NAGAR, CHINCHWAD, PUNE MAHARASHTRA INDIA 411 033



#### Mapro Food Industries Ltd, Wai, Satara

Date:10/02/2017

#### To whom So ever It May Concern

This is to certify that the students of Dr. Vithalrao Vikhe Patil College of Engg, Ahmednagar visited our industry and shown keen interest in the technological concepts of our industry.

Students details are as follows

Final Year E & TC students: 90

Staff Members:03

Regards,

For, Mapro Ind. Ltd.

Ahmadnagar NA



Student List for division A:-

(*	The	Expenditure is Verif	ied by the	e studen	its with signature)
		Name of the student	Sign of student	Sr. No.	Name of the student

r. o,	Name of the student	Sign of student	Sr. No.	Name of the student	Sign of student
ı	Dhumane Ankita	- المان	27.	Anju Shrisat	(Austinent
,	Mhaske Priyanka	HIVED2	_ 28	Nagapure Anjali	0.888
	Khaladkar Priyanka	Rociyaha K	29	Kajal Thorat	KINEUL
	Shete Shweta	SS.	30	Kakade Kamini	(Shortselp
	Pathan Afrin	Pallan	31	Dengle Neelam	Neelon
	Adigopal Shivani	Shivan	32	Chaudhari Shubhangi	gesteriff
	Ware Yogita	word	33	Kale Rohini	Pale
	Pund Pradnya	Rende	34	Pallavi Bobade	Fillow!
	Malunjkar Rutuganda	Rute	35	Jallindar Jadhav	Tarlad
0	Pimpale Pratima	Por	36	Vaibhav Sudhake Ghodf	るこれ
1	Mhetra Naha	Ombets	37	Ajay Londhe	Don
	Zambare Snehal	53 coly	38	Deepak bhande	Dedpu
,	Shingde Snehal	Ancha:	39	Prashant Sundake Gundeli	15
	Kharad Nikita	White.	40	Shubham Dhandar	Freder
;	Ghumare Priyanka	Grid .	41	Sagar Sathe	Sager
5	Benke Madhuri	-Man	42	Shubham Sangle	Zamble
,	More Dhanshri	Shanshi	43	Rahul Pawar	Bah
-	Cholke Sanika	SoniRac	-	Gaurav Suryanvanshi	grave
,	Priya Pawar	- XAMAS	- 45	Akshay Chaudhari	A198
	Rajshree Thakur	7 KILL	46	Rahul Naikwade	Dal
	Saloni Darbastwar	0.5	47	Pradip Padghan	Bartin
	Sandhya Dhawaler	SIP	48	Ismail Sheikh	gyshair

8-10 Feb 2017



College of Engineering Ahmednagar



0

### Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar. Department of Electronics & Telecommunication B.E E & TC Industrial Visit-

23	Bhujbal Aishwarya	Bhujles (1)	49	Sahil Sheikh	Sula
24	Ajesh nayar	APZ.	50	Mahesh Wani	YEST
25	Kavekar Pranjali	Caxto	_51	Omprakash Surwase	goon
26	Fund Vrushali	gand	52	Sourable Birajdar Shubham	Ship

#### Student List for division B:-

Sr. No.	Name of the student	Sign of student	Sr. No.	Name of the student	Sign of student
53	Vrushabh Zine	YEST	78	Pokale Kishor	Presole
54	Ravi Solanke	Beri	79	Shivprasad Khandapure	
55	Atul Katariya	Pr.	80	Kadlag Pranali	Poelleg
56	Akash Gaikwad	A=-	81	Tayedi Ashvini	Apade
57	Dyanseshwar Karande	Brand	82	Nawale Supriya	Superya
58	Kale Vishnu	Ors.	83	Inamike Neha	Dame
59	Kharat Pravin	Doch !	84	Nagare Chaitali	Regers
60	Munde Gangaram	Bulls	85	Kadam Nitish	Frenth
61	Arsude Vijay	Leigier	86	Bajirao Devkar	B.D.Derlead
62	Kale Sagar	RA.	87	Gaykar Minal	Gillian
63	Sushen Vashikar	Suret.	88	Vyanktesh Patil	Potilo
64	₩anve Somnath	Single	89	Mayur Nagarkar	47
65	Shubham Biniwale	Shir	90	Pokale Kishor	
66	₹rushabh Urakude	Richabl	91	Darandale Bhakti	Zhaldi
67	Deepesh Shingh	- BORT			
. 68	Jay Rokade	T.M.Rukl	\$		
69	Vishal Myana	loycus.	<b>Sai</b> :		

8-10 Feb 2017





70	Kalim Sayyed	Du !	
71	Yeshi Ajay	27/esh	
72	Shinde Akshay	812.	
73	Yogesh Shewale	Shuk	
74	Amol Akolkar	Noncere,	
75	Tejas Dhamane	Quinans	
76	Pravin Arckar	Pari	
77	Rahul Bobade	Rat	

Total students (div. A +Div. B) =45+46= 91 Total faculty member = 05

8-10 Feb 2017



Dr. Vithalrap Vikhe Patil
College of Empharting Lauriscanne
Ahmednagar

### Student List:- (T.E)

Sr. No.	Name of Student	Sr. No.	Name of Student
1.	Gawali Bhakti	2.	Vaibhav Ghogare
3.	Kulkarni Vaishnavi	4.	Bansode Ajinkya
5.	Dhawale Amruta	6.	Tushar Yenawar
7.	Devare Vishakha	8.	Mulay Akshay
9.	Sonal Bhandare	10.	Rohit Thanage
11.	Shah Kunjala	12.	Saqlain Kazi
13.	Shinde Dhanashri	14.	Ankit Mishra
15.	Kiran Bhor	16.	Vijay Shelar
17.	Mulik Maya	18.	Sandeep Kumar
19.	Neha Munot	20.	Renuka Aandhale
21.	More Namrata	22.	Hindwi Dongare
23.	Modhave Madhavi	24.	Shital Pawar
25.	Komal Sabale	26.	Suprita Biswas
27.	Manisha Shinde	28.	Kharade Sonali
29.	Pradnya Ukande	30.	Sayali bhujbal
31.	Radhika Limbekar	32.	Shiital Sonawane
33.	Shubhangi Tilekar	34.	Gokul Kolhe
35.	Komal Madake	36.	Umesh Pise
37.	Dhepe Nikita	38.	Praful Patil
39.	Thombare Trupti	40.	Pradip Shirsath

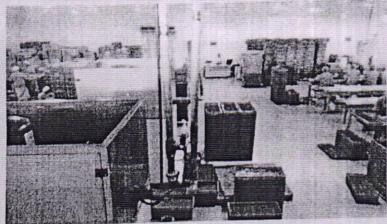
(Dehparde N.M.)





Mapro Industries Wai, Satara.





8-10 Feb 2017

0



PRINCIPAL

College of Engineering

Ahmedbager



#### **Students Undertaking**



### Padmashree Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar. Department of Electronics & Telecommunication

Industrial Visit 2016-17

**Undertaking** 

I undersign Mr./Miss Show	uirement of college to	student of B.E.
during the visit. I will not participate into a me and also for others, I shall show due re misbehavior. It is the right to higher author misbehave activity.	any undesirable activities pect to staff member	ty which will cause problem for

Place of Visit:

i) Mapro Ltd, Wai.

ii) Infinity automation, pune.

Date of Visit: 8th to 10th Feb 2017

Thanking You,

Yours faithfully Name: Shah Lunj

Date: 07/02/2017

Contact No:



PRINCIPAL

Dr. Vithairao Vikhe Patil

College of Engineering

Ahmednagar

#### Department of Electronics & Telecommunication

Date: 10/03/2017

Feedback Form

# Topic of Expert Lecture: Industrial Visit (Class: BE) Name of Company: 1) Mapro Industries, Wai

Infinity Automations Pvt. Ltd, Pune
 Varad Automation & Robotics Pvt. Ltd. Pune

7 Value Automation & Robotics I Vt. Etc., I tile
Q.1 How will your rate the atmosphere in the company?
Average Good Excellent Outstanding
Q.2 How was the knowledge gained from industry expert?
Average Good Excellent Outstanding
Q.3 To much extent this knowledge will be beneficial for your future prospective?
Average Good Excellent Quistanding
Q.4 Is this visit beneficial for your mini-project and final year project implementation  49 for fivol yer ficient
Q.5 Which subject from your syllabus is explored in this visit?
Q.6 How did you rate the visit overall?
Average Good Excellent Outstanding
Q.7 Remark
· No the same

Q.8 Suggestions if any?

NO -



#### Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar

#### Department of Electronics & Telecommunication

Feedback Form Date: 10/03/2017 Topic of Expert Lecture: Industrial Visit (Class: BE) Name of Company: 1) Mapro Industries, Wai 2) Infinity Automations Pvt. Ltd, Pune 3) Varad Automation & Robotics Pvt. Ltd. Pune Q.1 How will your rate the atmosphere in the company? Average Good Excellent - Outstanding Q.2 How was the knowledge gained from industry expert? Average Good Excellent Outstanding Q.3 To much extent this knowledge will be beneficial for your future prospective? Outstanding Good Excellent Q.4 Is this visit beneficial for your mini-project and final year project implementation? y es Q.5 Which subject from your syllabus is explored in this visit? To more O.6 How did you rate the visit overall? Average Good Excellent Outstanding Q.7 Remark croad untit & good froling Q.8 Suggestions if any?

-1NO-1

6

PRINCIPAL

PRINCIPAL

Dr. Vithalrao Vikhe P

College of Engineer

#### Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar Department of Electronics & Telecommunication

 4. 0		_
	Feedback Form	
	reedback rotti	

Feedback Form Date: 10/00/20/8 Topic of Expert Lecture: Industrial Visit (Class: TE) me of Company:

1) Infinity Automations Pvt. Ltd, Pune Name of Company: Q.1 How will your rate the atmosphere in the company? Outstanding | Good Excellent Average Q.2 How was the knowledge gained from industry expert? Outstanding Excellent Good Average Q.3 To much extent this knowledge will be beneficial for your future prospective? Outstanding Excellent Average Good Q.4 Is this visit beneficial for your mini-project and final year project implementation? 40 for marphiet a windrowny Q.5 Which subject from your syllabus is explored in this visit? m; wo wormilled Q.6 How did you rate the visit overall? Outstanding Excellent Average Good Q.7 Remark and unpower Q.8 Suggestions if any? NU

(F



#### Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar Department of Electronics & Telecommunication

#### Feedback Form

Date: 10 10 1018 Topic of Expert Lecture: Industrial Visit (Class: TE) Name of Company: 1) Infinity Automations Pvt. Ltd, Pune Q.1 How will your rate the atmosphere in the company? Outstanding Excellent Average Good Q.2 How was the knowledge gained from industry expert? Excellent Outstanding Average 'Good Q.3 To much extent this knowledge will be beneficial for your future prospective? Outstanding Excellent Good Q.4 Is this visit beneficial for your mini-project and final year project implementation? Q.5 Which subject from your syllabus is explored in this visit? who to Uplyon Q.6 How did you rate the visit overall? Excellent Outstanding Average Good Q.7 Remark -ND -

1. 法本公公

Q.8 Suggestions if any?



#### **Students Opinion**

We really had a great time during visit hours. We had enjoyed the hours we spent on the Mahableswar. Also we got known about the company formats their workings etc.

#### --- Mr. Atul Katariya

Fantastic tour, awesome memories & unforgettable footprints in my mind ever so. This trip brought us together and helped to understand teacher student relationship.

#### --- Miss. Anjali Nagapure

→ The most I like about the visit was the conclusion of the industrial visit told by co coordinator Sir to me. He told me that the Mapro was giving profit about 30 cores per year to the GOI, so that we can do something creative in Electronics.

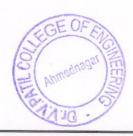
#### --- Miss. Bhakti darandale

It was one of the memorable trip which I had and it was really pleasure to have such a wonderful industrial visit. We had many opportunities to have practical knowledge about many things related to the technology and day to day life. We have visited many holy places and very wonderful feelings after visiting temple. I thank our teachers for arranging such trip.

#### --- Mr. Jaykumar Rokade

★ The most interesting thing about the trip was we get an chance to visit historic places like Raygad. The industry was good and we got practical knowledge there. Also the Mahableshwer was fantastic all I can say is that I had came across the heavenly beauty and nature there.

--- Mr. Sagar kale





#### **Vote of Thanks**

We would like to thank our principal Dr.Jayraman jaykumar, PDVVP COE, Ahmednagar, HOD Electronics & Telecommunication Prof.Dr.A.K.patil for giving us the opportunity to go for such a unforgettable technical visit. So we would like to thank to all who help us in every manner to make this visit successful.

Now, a special thanks to Mapro Industries ,Wai and infinity Pune for their support, all round information about automation and good hospitality which made visit memorable.

- Industrial Visit Coordinator

