



॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥  
Dr. Vithalrao Vikhe Patil Foundation's

**Dr. Vithalrao Vikhe Patil  
College of Engineering Ahmednagar**



DTE College Code: EN-5161

## Department of Electronics & Telecommunication

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

**Date:-** \_29/03/2018 to 31/03/2018

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

**Class:-** \_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. Varad Automation & Robotics Pvt. Ltd , Pune
3. Mapro Industries, Wai, Satara.

#### **Name of Staff and Delegates:-**

1. Mr. Amit Kale, Infinity Automation Systems Pvt. Ltd , Pune , Chinchwad Pune
2. Mr. Ganesh Sakhare, Owner, Varad Automation & Robotics Pvt. Ltd , 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:**

1. 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:-** 37



*(Signature)*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar

*(Signature)* H.O.D  
Dr. A.K. Patil  
Head of Electronics & Telecommunication Dept.  
P.D.V.V.P. College of Engineering  
Viled Ghat, Ahmednagar-414111





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

A

REPORT ON

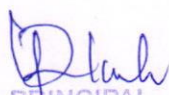
## **“INDUSTRIAL VISIT OF B.E. (E & TC)”**

Dated on 29<sup>th</sup> to 31<sup>st</sup> March 2018

ORGANIZED BY

**DEPARTMENT OF  
ELECTRONICS & TELECOMMUNICATION**



  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



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

**Contents**

- ✦ Details of Visit
- ✦ About the visit Coordinators.
- ✦ About Industries
- ✦ Communication with Industries & Permission letters.
- ✦ Students List
- ✦ Expenditure
- ✦ Photographs
- ✦ Undertaking
- ✦ Students Opinion.
- ✦ Vote of Thanks.



  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



**Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar**  
**Department of Electronics and Telecommunication**

---

**Industrial Visit**

**Academic Year: 2017-18**

**Semester II**

**Date: 31/03/2018**

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

**No. of Students present: 37**

**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) 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

**3) Varad Automation & Robotics Pvt. Ltd,**

Plot No. 4 / 11 PCNTDA, Sector 10, MIDC, Bhosari, Pune – 411026, Maharashtra, India.

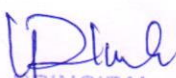
Contact: +91 86699 62225, +91 93256 40288, [sales@varadautomation.com](mailto:sales@varadautomation.com),

[support@varadautomation.com](mailto:support@varadautomation.com)

**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) Company tour to understand the end-to-end process at all levels.
- iv) Expert briefing 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.




  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar

- 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

1. **Mapro Foods Pvt. Ltd:** Company involves the making of chocolates. Automated machines of chocolate manufacturing is the main focus of visit.
2. Company also have automated packaging machine, conveyors and automation panels.
3. Infinity Automation Pvt Ltd. and Varad Automation Pvt Ltd. Company involves the programmable logic controller panels, microcontroller panels.
4. Using these panels, to design the special purpose machines for the electronics, robotics and mechatronics fields of engineering.
5. From this visit, students got the information and practical knowledge about programmable logic controller panels and microcontroller panels.
6. Student got the knowledge about different protection devices used in automobile industry.
7. They got the idea how to read the one line diagram of electronics unit using different symbols used in diagram.
8. Interactive Question and Answer session conducted by Engineers and Manager working at plant.
9. Student cleared out practical knowledge of using microcontroller chip inside various automobile applications.
10. About 37 students were benefited from this visit as they got chance to discussion with engineers working at company.



  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



DR.VITHALRAO VIKHE PATIL COLLEGE OF ENGINEERING.

VILADGHAT, AHMEDNAGAR.

Ref. No. CE/ACC/2018-912

Date - 26/03/2018

To.

The Secretary General,

Dr.Vithalrao Vikhe Patil

Foundation, Ahmednagar

Sub - Budget Note

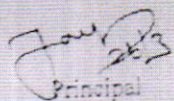
Respected Sir,

Please find enclosed herewith the Budget Provision Note for Industrial Visit of E&TC Engineering department. They are planning to visit at Varad Automation, Pune & Mapro Industries Wai, Satara for 01 E&TC student. The approx. expenditure of Industrial visit will be Rs. 65000/-.

Budget provision has already been provided for this visit. Hence, it is recommended to approve the same.

Thanking you.

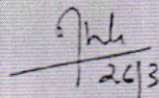
Yours faithfully,

  
Principal  
College of Engineering,  
Ahmednagar

Encl: as above.

Copy to - E&TC Engg. dept.

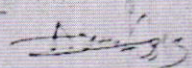
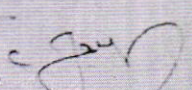
seen & forwarded

  
26/3


S. Kallapur



COE.  
Forward No. 81  
28/03/18

DR. V. V. PATIL	
Principal	
Vice-Principal	
Principal	
Chief Executive Officer	



  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



Date: 23 March 2018

To,  
The Principal,  
D.Y.V.P.E's COE,  
Ahmednagar

Subject: 1. Permission for industrial visit at Varad Automation, Pune & Mapro Industries, Wai, Satara for B.E E & TC on 29<sup>th</sup> March to 31<sup>st</sup> March 2018.  
2. Sanction the budget of Rs 63,000 /-.

Respected sir,

With reference to above subject industrial visit of B.E E & TC students is scheduled between 29<sup>th</sup> March to 31<sup>st</sup> March 2018 at Varad Automation, Pune & Mapro Industries, Wai, Satara for B.E E & TC.

For the same there is requirement of funds Rs 63,000 /-  
So, kindly issue the budget note for the same.

Tentative budget for the visit is as below.

No of Students + Faculty members : 55 + 3	58
3-days visit per day 300 km x 45 Rs/km x 1bus	= 40,500/-
Accommodation	= 15,000/-
RTO permission - Parking - Toll	= 7,500/-
Total	= 63,000/-

Kindly sanction the same.

Thanking you

Yours faithfully

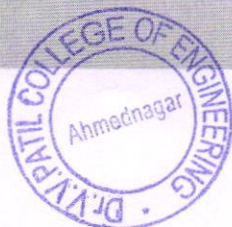
*[Signature]*  
Prof. A.U. Vikhe

(Asst Prof. Dept of E & TC)

Encl:

1. Permission Letter
2. Budget Note

*To the Principal  
for m-a  
Habit  
23/3*



*[Signature]*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



Subject - Permission for Industrial Visit to your esteemed organization - gokulkolhe111@gmail.com - Gmail

Dear Sir,

Dr. Vithalrao Patil College of Engineering based in rural area of Ahmednagar district was established 33 years ago in 1983. This institute is providing quality education to student in rural area. The Institute has got accreditation by AQR & NAAC, Government.

As a part of our curriculum, we have E&TC, a compulsory subject for all the students. It is a subject which is related with industrial atmosphere and work culture in industry. The kind of visit provides the best for student to get hands on experience of industry & enhance their knowledge.

We will be grateful if you give your kind consent for industrial visit of E&TC students. The number of student will be 20 with 6 teaching faculty. We request you to please inform Mr. Vijay Bhilare mob. 9850118324, one/ two days in advance to your visit.

Your kind cooperation will be highly appreciated.  
Thanking you

Mar 1

Mapro Foods Pvt Ltd  
to Vijay, Anrula, me

Dear Sir,

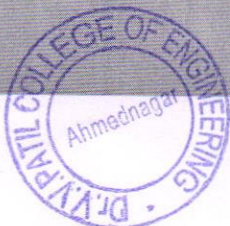
We thank you for your mail for industrial visit to our factory.

We take this pleasure inviting your students to visit our factory on any weekdays other than Tuesday, Wednesday and Bank Holidays between 9.30 am to 12.30p.m. or 2.30 p.m. to 5.30 p.m.

We thus request you to please inform Mr. Vijay Bhilare mob. 9850118324, one/ two days in advance to your visit.

Regards,  
Team Mapro

*Vikhe A.U.*



*Vikhe*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



List of students

Sr. No.	Name	Sr. No.	Name
1	Tilekar Shubhangi	24	Nikita Dhepe
2	Shinde Manisha	25	Kiran Bhor
3	Shah Kunjala	26	Komal Madake
4	Dhawale Amruta	27	Durgesh Chaudhari
5	Sable Komal	28	Gokul Kolhe
6	Pawar Shital	29	Roshan Kadam
7	Biswas Supriya	30	Sandesh Kale
8	Deore Vishakha	31	Jagtap Yogesh
9	Sukanya Sudrik	32	Sandip Chauhan
10	Praful Patil	33	Tushar Yannausar
11	Akash Mule	34	Gawali Bhakti
12	Rohit thange	35	Limbikar Radhika
13	Asif Shaikh	36	Andhale Renuka
14	Nawaz Shaikh	37	Ajinkya Bansode
15	Saqin Kazi		
16	Vijay Shelar		
17	Dilip. Sainday..		
18	Vaibhav Ghogare		
19	Akshay Mule		
20	Sandip Kumar		
21	Neha Munot		
22	Madhuri Modhave		
23	Namrata More		



*V.K. Patil*  
PRINCIPAL  
Dr. Vilhalrao Vikhe Patil  
College of Engineering  
Ahmednagar

mer



Students Guestbook  
Industrial Visit List

Sr No	Name of Student	Students Contact Number
1	Tilekar Shubhangi	9175145201
2	Shinde Manisha	2805296341
3	Shah Kunjale	9767999933
4	Dhawale Amruta	7774991562
5	Sable Komal	8308440078
6	Pawar Shital	8308528195
7	Biswas Suprita	9503212755
8	Deore Vishakha	7720808737
9	Sukanya Sudrik	8766976242
10	Praful Patil	8530342190
11	Akash Mule	8888972711
12	Rohit Thange	8796824533
13	Asif Shaikh	8805560869
14	Nawaz Shaikh	976666398

signed by



*V. Patil*  
PRINCIPAL  
Dr. Vitthalrao Vikhe Patil  
College of Engineering  
Ahmednagar



Sr. No.	Name of Student	Students Contact Number
15)	Saqin Kalzi	7709085458
16)	Vijay Shelar	9665413323
17)	Dilip. Saindeev	9834569482
18)	Vaibhav Ghogare	8007504849
19)	AKshay Mule	9503195270
20)	Sandip Kumar	7206976560
21)	Neha Munot	9404343071
<del>22)</del> 22)	Madhuri Modhawe	8411853980
23)	Kamruti More	8983329928
24)	Nakita dhepe	9804288038
<del>25)</del> 25)	Kiran bhor	7038043141
26)	Komal Madke	9762367122
<del>27)</del> 27)	Durgesh Chaudhari	959501373
<del>28)</del> 28)	Gokul Kolhe	8308065740



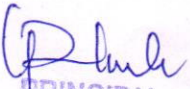
Dr. Vithalrao Vikhe Patil  
Principal  
College of Engineering  
Ahmednagar

Signature of the Principal



Sr. No.	Name of Student	Student Card Number
29	Roshan Kodam	2252399529
30	Sandesh Kale	2765425343
31	Jagtap Yogesh	2722705012
<del>32</del>	Sandip Chawhan	2975168579
33	Tushar Yarmabhar	3162228862
<del>34</del>	<del>Pradip Shirsalkar</del>	
<del>35</del>	<del>Umesh D. D. D.</del>	
34	Gawali Bhakti	9503166113
35	Limbikar Radhika	9139672253
36	Andhale Renuka	9767419518
37	Ajinkya Barsode	9767370737
38		
39		
40		
41		
42		



  
 PRINCIPAL  
 Dr. Vithalrao Vikhe Patil  
 College of Engineering  
 Ahmednagar





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

**Photographs:-**



8-10 Feb 2017



*Dr. Vithalrao Vikhe Patil*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar





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

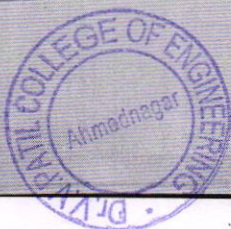
Photographs:-



Mapro Industries, Wai



Infinity Solution, Pune



*Dr. V. V. Patil*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



Feedback Form

Date: 30/03/2018

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 you 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 ☐ Outstanding ☒

Q.4 Is this visit beneficial for your mini-project and final year project implementation?

EPID, project knowledge is explored.  
(yes)

Q.5 Which subject from your syllabus is explored in this visit?

Electronics product design

Q.6 How did you rate the visit overall?

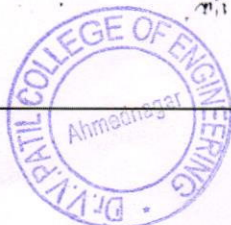
Average ☐ Good ☐ Excellent ☒ Outstanding ☐

Q.7 Remark

very nicely organized, knowledgeable industry experts, enjoyed the site seeing also.

Q.8 Suggestions if any?

please try to arrange visit a bit early in Jan or Feb. month,



*(Signature)*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



Feedback Form

Date: 30/03/2018

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 you 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 ☐ Outstanding ☒

Q.4 Is this visit beneficial for your mini-project and final year project implementation?

yes for final year projects.

Q.5 Which subject from your syllabus is explored in this visit?

Electronic product design, Project-2,

Q.6 How did you rate the visit overall?

Average ☐ Good ☐ Excellent ☒ Outstanding ☐

Q.7 Remark

Got practical knowledge that will be a benefit during project implementation  
overall very good experience

Q.8 Suggestions if any?

No



*Dr. Vithalrao Vikhe Patil*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar