



# POORNIMA

---

## COLLEGE OF ENGINEERING

Approved by AICTE  
Affiliated to Rajasthan Technical University, Kota  
Recognized by UGC under Section 2(f) of the UGC Act, 1956

### *List of Industrial Visits Organized (2017-18 to 2021-22)*

ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)  
• Phone: +91-9829255102, +91-9414728922 • E-mail: principal.pce@poornima.org  
Website: [www.pce.poornima.org](http://www.pce.poornima.org)

## Poornima College of Engineering, Jaipur

### List of Industrial Visits Organized

S .N.	Name of the Industrial Visit	Session	Date	Page No
1	Industrial Visit Report on “Jaipur Foot at Jaipur” Visit for Idea Generation	2021-22	22/02/2022	3-9
2	An Industrial visit of Techno Hub at Jaipur	2021-22	08/02/2022	10-14
3	An Industrial visit of CIPET Visit	2021-22	02/12/2021	15-21
4	An Industrial visit of CIPET Visit	2018-19	10/07/2018	22-26
5	Report on BSNL, VKI	2018-19	13/03/2019	27-34
6	Report on BSNL, VKI	2018-19	22-23/02/2019	33-43
7	NGO VISIT-Bhagwan Mahavir Viklang Sahayak Samiti	2017-18	12/02/2018	44-52
8	An industrial visit of AKS Bearings Ltd.	2017-18	28/08/2017	53-56
9	Report on Terrazzo Greens Project Jaipur	2017-18	10/10/2017	59-64
10	Report on Airtel Network Operating Center, Manesar	2017-18	29/08/2017	65-68

### A REPORT ON INDUSTRIAL VISIT

**NAME OF INDUSTRY:** Industrial Visit of “Jaipur Foot at Jaipur” Visit for Idea Generation.

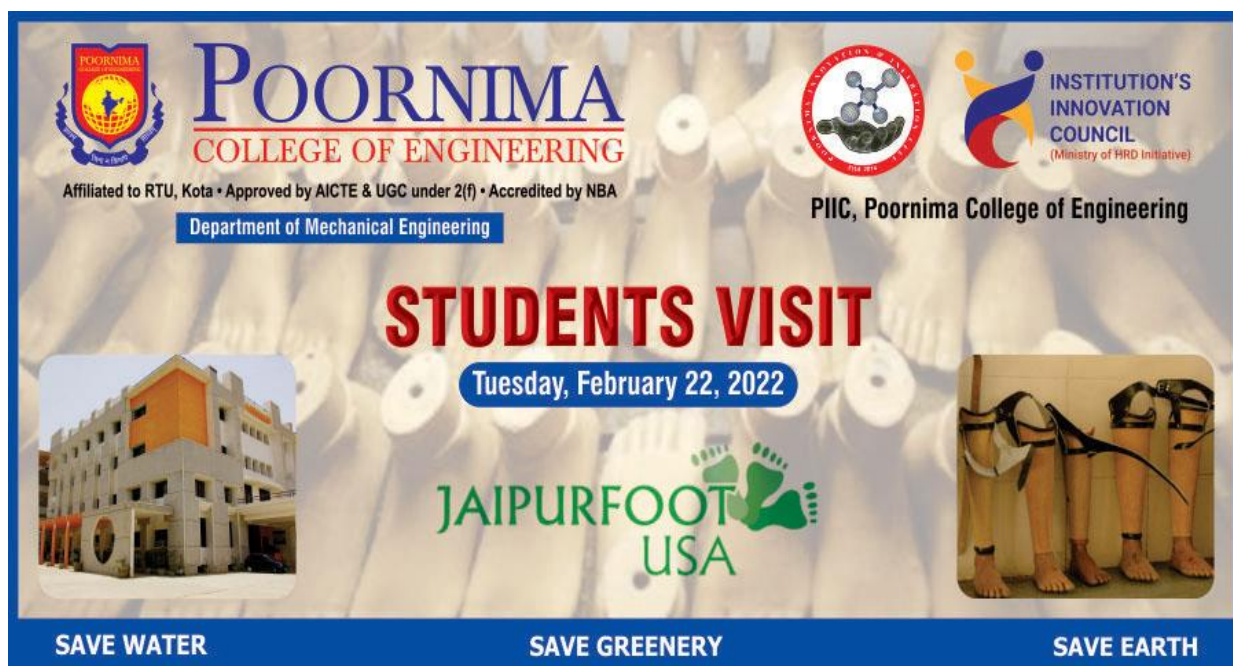
**DATE & DURATION:** Feb, 22 2022

**NAME OF DEPARTMENT(S):** Department of Mechanical Engineering and Poornima Innovation and Incubation Cell, Poornima College of Engineering (PCE), Jaipur

**SEMESTER:** II, IV

**LEARNING OUTCOMES:**

**DETAILS OF TECHNOLOGICAL / PRACTICAL LEARNINGS:**



#### **GLIMPSES:**

On Tuesday, February 22, 2022, Forty (40) students of The Poornima Innovation and Incubation Cell and Mechanical Engineering Department of Poornima College of Engineering visited Manufacturing Unit of Jaipur Foot for the idea generation. The Jaipur Foot is world's largest organization for the rehabilitation of the disabled people's. Visit was coordinated by Dr. Surendra Kumar Saini. Visit was guided by Honourable D. R. Mehta Sir, (Founder & Chief Patron, BMVSS), Dr. Deependra Mehta Sir, Shri Omprakash Sharma Ji, and Ripudaman Sir. Mr. Rakesh Sir and Mr. Abhishek Sir. At the beginning of the visit, D. R. Mehta Sir, share the successful journey of Jaipur Foot. Then, their technical team explained about different machines, materials, mould, pattern that are used for foot manufacturing. Interestingly, Founder of Jaipur Foot comprehensively explained the curiosity of the students. As per student's feedback, this industrial visit will definitely help in their practical learning, and they are highly excited to visit more industries so that they can learn and do industry need projects.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering









**LIST OF THE PARTICIPANTS:**

Faculty Name : Surendra Kumar Saini			
S. No.	Reg. No.	Name of Student	Year
1	PCE20CS098	Lokesh kumar	Second Year
2	PCE20ME002	Ankur payal	Second Year
3	PCE20ME009	Mahesh Kumar Vaishnav	Second Year
4	PCE19ME034	Nimai Joshi	Third Year
5	PCE20CS094	Kundan Singh	Second Year
6	PCE20CS097	Lavish Jain	Second Year
7	PCE20CS101	Manashvee	Second Year
8	PCE20CS103	Mann Sethi	Second Year
9	PCE21AD057	Somya Birla	First Year
10	PCE21CS040	Deepak kambalwal	First Year
11	PCE20CS021	Ankit Kumar	Second Year
12	PCE21CY060	Vratika Kanwar Tanwar	First Year
13	PCE21CY032	Kshitij Garg	First Year
14	PCE21CS021	Anish gupta	First Year
15	PCE21CS151	Sanyam Jain	First Year
16	PCE20CE002	Abhinav sharma	Second Year
17	PCE20CE002	Abhinav Sharma	Second Year
18	PCE20CS075	Harshit khandelwal	Second Year
19	PCE21CY044	Parthivi Thakore	First Year
20	PCE20CE014	Himanshu Sharma	Second Year
21	PCE21CS003	Aayushi Jain	First Year
22	PCE21CS090	Lakhan gupta	First Year
23	PCE21CY027	Kamlesh jangid	First Year
24	PCE21CR010	Mohit Soni	First Year
25	PCE21CY028	Kanishk pamecha	First Year
26	PCE20CE052	Harshit Sharma	Second Year
27	PCE21CS002	Aayush sharma	First Year
28	PCE21CS093	Lakshit singhal	First Year
29	PCE21CY023	Ishani parmar	First Year

30	PCE21AD045	Rishika jain	First Year
31	PCE21EC018	Shlok dadhich	First Year
32	PCE21CA047	Sakshi Mittal	First Year
33	PCE21CA055	Tarun Sharma	First Year
34	PCE21CY018	Harshit Jain	First Year
35	PCE21CY008	Ankit Singh Chauhan	First Year
36	PCE21EE013	Nikhil Sharma	First Year
37	PCE20IT006	Bhawanshu Joshi	Second Year
38	PCE21CS007	Abhijeet Rai Dadhich	First Year
39	PCE21CR007	Kavish vijay	First Year
40	PCE21EC022	Yash vardhan singh solanki	First Year
41	PCE21CS095	LAVEENA CHETWANI	First Year
42	PCE21CS162	SHUBHAM GUPTA	First Year
43	PCE21CS811	Parul mehra	Second Year
44	PCE20CE058	Mahesh Nagar	Second Year

### FEEDBACK / ASSESSMENT / ATTAINMENTS:

ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022, Rajasthan

Phone: 0141-2770790-92, [www.pce.poornima.org](http://www.pce.poornima.org)

### DEPARTMENT OF MECHANICAL ENGINEERING

Session: 2021-22 (Even Semester)

### ACTIVITY FEEDBACK FORM

Date: 22/02/2022

Name of Activity : Industrial Visit at Jaipur Foot, Jaipur  
 Type of Activity : Industrial Visit for Idea Generation  
 Duration & Dates : 12:30 PM to 3:30 PM (3:00 hours) & 22/02/2022  
 Name of Coordinators : Surendra Kumar Saini  
 Does this activity relate to any of Course & it's COs? : Yes / **No**  
 If Yes which Course (s) :

If Yes which CO (s) :  
 CO1: \_\_\_\_\_  
 CO2: \_\_\_\_\_  
 CO3: \_\_\_\_\_  
 CO4: \_\_\_\_\_  
 CO5: \_\_\_\_\_

The feedback form is designed and collected for improving the quality of activity and to evaluate the attainments of COs, POs and PSOs from the activity.

(Please do not fill anything in dark rows)

S. No.	Use the following scale to rate the progress in the following areas as a result of conducted activity	Outstanding	Excellent	Good	Average	Satisfactory
		5	4	3	2	1
1	The contents of activity were					

**Poornima College of Engineering - Activity Report**

2	The knowledge of instructions about the content delivery					
3	Method of delivery					
4	Hands on practice/ teachings					
5	Duration of the activity					
6	Understanding and attainment of above mentioned <b>CO1</b>					
7	Understanding and attainment of above mentioned <b>CO2</b>					
8	Understanding and attainment of above mentioned <b>CO3</b>					
9	Understanding and attainment of above mentioned <b>CO4</b>					
10	Understanding and attainment of above mentioned <b>CO5</b>					
11	Learned fundamental concepts of basic sciences and mechanical engineering ( <b>PO1</b> )					
12	Learned about identification of problem, analysis and interpretation of data related to problem of mechanical engineering ( <b>PO2</b> )					
13	Understood design to solve complex engineering problem related to society, culture, environment and health etc. ( <b>PO3</b> )					
14	Understood about investigation of results and drawing conclusion ( <b>PO4</b> )					
15	Covered and understood advanced technique in mechanical engineering or tools or resources that can be used to solve complex mechanical engineering problem ( <b>PO5</b> )					
16	Understood to analyze issues and corresponding responsibilities as an engineer related to societal or health or safety or legal or cultural aspects ( <b>PO6</b> )					
17	Understood relation for impact of solution/ technology/ tools on society and environment and relevance to sustainable development ( <b>PO7</b> )					
18	Covered and understood its relation for professional ethics, responsibilities and mechanical engineering norms ( <b>PO8</b> )					
19	Learned &/ practiced to work effectively as an individual/ in team as member or leader with interdisciplinary/ multidisciplinary aspects ( <b>PO9</b> )					
20	Covered understanding and/ practice to communicate with your colleagues and/society and prepare write-up/ report/ design document / make presentation/ do explanation about topics of the activity ( <b>PO10</b> )					
21	Understood about engineering and management principles and their applications as an individual/ team member/ team leader in any project in multidisciplinary environment. ( <b>PO11</b> )					
22	Obtained understanding and creation of ability to learn new topic/ technology/ tool that you came across in future ( <b>PO12</b> )					
23	Learned to design, analyze and innovate solutions to technical issues in thermal, production and design engineering ( <b>PSO1</b> )					
24	Acquired knowledge and skills in the field of mechanical & applied engineering concepts ( <b>PSO2</b> )					



**Poornima College of Engineering - Activity Report**

25	Gained knowledge of skills in HVAC&R and automobile engineering (PSO3)					
26	Faculty and activity conduction environment.					

**27. Suggestion to include in future any other technology/ tool/ subject area of activity**

---

---

---

**28. Any other suggestion**

---

---

---

Name (Optional): -----Class/Section: -----Reg. No.:-----Signature:

## **A REPORT ON INDUSTRIAL VISIT**

**NAME OF INDUSTRY:** Techno Hub at Jaipur

**DATE & DURATION:** Feb, 08 2022

**DETAILS OF INDUSTRY:**

India's biggest and the most advanced startup hub- BHAMASHAH TECHNOHUB Jaipur, Rajasthan. At the beginning of the visit, they explained the structure of TECHNOHUB. Students learned different terms like Startup, Soft loans, Equity and different stages of Incubation. Students learned the process of how to become an entrepreneur and tap into the pool of entrepreneurship to resolve rural and urban problems. And, know about availability of its free space, incubation, and funding and mentorship opportunity provided by the Center. Students also exposed different startups. Students visited the battery zone and tinkering lab.

**NAME OF DEPARTMENT(S):** Department of Mechanical Engineering and Poornima Innovation and Incubation Cell, Poornima College of Engineering (PCE), Jaipur

**SEMESTER:** II, IV

**LEARNING OUTCOMES:**

**DETAILS OF TECHNOLOGICAL / PRACTICAL LEARNINGS:**

**GLIMPSES:**



  
**Dr. Mahesh Bundele**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-0, FIICO Institutional Area  
Sitapura, JAIPUR

**Poornima College of Engineering - Activity Report**



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Ghatapada, JAIPUR



**LIST OF THE PARTICIPANTS:**

Faculty Name : Surendra Kumar Saini			
S. No.	Reg. No.	Name of Student	Year
1	PCE20CS098	Lokesh kumar	Second Year
2	PCE20ME002	Ankur payal	Second Year
3	PCE20ME009	Mahesh Kumar Vaishnav	Second Year
4	PCE19ME034	Nimai Joshi	Third Year
5	PCE20CS094	Kundan Singh	Second Year
6	PCE20CS097	Lavish Jain	Second Year
7	PCE20CS101	Manashvee	Second Year
8	PCE20CS103	Mann Sethi	Second Year
9	PCE21AD057	Somya Birla	First Year
10	PCE21CS040	Deepak kambalwal	First Year
11	PCE20CS021	Ankit Kumar	Second Year
12	PCE21CY060	Vratika Kanwar Tanwar	First Year
13	PCE21CY032	Kshitij Garg	First Year
14	PCE21CS021	Anish gupta	First Year
15	PCE21CS151	Sanyam Jain	First Year
16	PCE20CE002	Abhinav Sharma	Second Year
17	PCE20CE002	Abhinav Sharma	Second Year
18	PCE20CS075	Harshit khandelwal	Second Year
19	PCE21CY044	Parthivi Thakore	First Year
20	PCE20CE014	Himanshu Sharma	Second Year
21	PCE21CS003	Aayushi Jain	First Year
22	PCE21CS090	Lakhan gupta	First Year
23	PCE21CY027	Kamlesh jangid	First Year
24	PCE21CR010	Mohit Soni	First Year
25	PCE21CY028	Kanishk pamecha	First Year
26	PCE20CE052	Harshit Sharma	Second Year
27	PCE21CS002	Aayush sharma	First Year
28	PCE21CS093	Lakshit singhal	First Year
29	PCE21CY023	Ishani parmar	First Year
30	PCE21AD045	Rishika jain	First Year
31	PCE21EC018	Shlok dadhich	First Year
32	PCE21CA047	Sakshi Mittal	First Year
33	PCE21CA055	Tarun Sharma	First Year
34	PCE21CY018	Harshit Jain	First Year
35	PCE21CY008	Ankit Singh Chauhan	First Year
36	PCE21EE013	Nikhil Sharma	First Year
37	PCE20IT006	Bhawanshu Joshi	Second Year
38	PCE21CS007	Abhijeet Rai Dadhich	First Year
39	PCE21CR007	Kavish vijay	First Year
40	PCE21EC022	Yash vardhan singh solanki	First Year
41	PCE21CS095	LAVEENA CHETWANI	First Year
42	PCE21CS162	SHUBHAM GUPTA	First Year
43	PCE21CS811	Parul mehra	Second Year
44	PCE20CE058	Mahesh Nagar	Second Year



**FEEDBACK / ASSESSMENT / ATTAINMENTS:**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Session: 2021-22 (Even Semester)**

**ACTIVITY FEEDBACK FORM**

**Date: 08/02/2022**

**Name of Activity** : Industrial Visit at Techno Hub, Jaipur  
**Type of Activity** : **Industrial Visit**  
**Duration & Dates** : 12:30 PM to 3:30 PM (3:00 hours) & 08/02/2022  
**Name of Coordinators** : Surendra Kumar Saini  
**Does this activity relate to any of Course & it's Cos ?** : Yes / ☒ No  
**If Yes which Course (s)** :

**If Yes which CO (s)** :  
CO1: \_\_\_\_\_  
CO2: \_\_\_\_\_  
CO3: \_\_\_\_\_  
CO4: \_\_\_\_\_  
CO5: \_\_\_\_\_

The feedback form is designed and collected for improving the quality of activity and to evaluate the attainments of **COs, POs and PSOs** from the activity.

**(Please do not fill anything in dark rows)**

S. No.	Use the following scale to rate the progress in the following areas as a result of conducted activity	Outstanding	Excellent	Good	Average	Satisfactory
		5	4	3	2	1
1	The contents of activity were					
2	The knowledge of instructions about the content delivery					
3	Method of delivery					
4	Hands on practice/ teachings					
5	Duration of the activity					
6	Understanding and attainment of above mentioned <b>CO1</b>					
7	Understanding and attainment of above mentioned <b>CO2</b>					
8	Understanding and attainment of above mentioned <b>CO3</b>					
9	Understanding and attainment of above mentioned <b>CO4</b>					
10	Understanding and attainment of above mentioned <b>CO5</b>					
11	Learned fundamental concepts of basic sciences and mechanical engineering ( <b>PO1</b> )					
12	Learned about identification of problem, analysis and interpretation of data related to problem of mechanical engineering ( <b>PO2</b> )					

**Poornima College of Engineering - Activity Report**

13	Understood design to solve complex engineering problem related to society, culture, environment and health etc. (PO3)					
14	Understood about investigation of results and drawing conclusion (PO4)					
15	Covered and understood advanced technique in mechanical engineering or tools or resources that can be used to solve complex mechanical engineering problem (PO5)					
16	Understood to analyze issues and corresponding responsibilities as an engineer related to societal or health or safety or legal or cultural aspects (PO6)					
17	Understood relation for impact of solution/ technology/ tools on society and environment and relevance to sustainable development (PO7)					
18	Covered and understood its relation for professional ethics, responsibilities and mechanical engineering norms (PO8)					
19	Learned &/ practiced to work effectively as an individual/ in team as member or leader with interdisciplinary/ multidisciplinary aspects (PO9)					
20	Covered understanding and/ practice to communicate with your colleagues and/society and prepare write-up/ report/ design document / make presentation/ do explanation about topics of the activity (PO10)					
21	Understood about engineering and management principles and their applications as an individual/ team member/ team leader in any project in multidisciplinary environment. (PO11)					
22	Obtained understanding and creation of ability to learn new topic/ technology/ tool that you came across in future (PO12)					
23	Learned to design, analyze and innovate solutions to technical issues in thermal, production and design engineering (PSO1)					
24	Acquired knowledge and skills in the field of mechanical & applied engineering concepts (PSO2)					
25	Gained knowledge of skills in HVAC&R and automobile engineering (PSO3)					
26	Faculty and activity conduction environment.					

**27. Suggestion to include in future any other technology/ tool/ subject area of activity**

---



---



---

**28. Any other suggestion**

---



---



---

Name (Optional): -----Class/Section: -----Reg. No.:-----Signature:

*Dr. Mahesh Bundele*  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-0, P.O. Institutional Area  
Shilapura, JAIPUR

## **A REPORT ON INDUSTRIAL VISIT**

**NAME OF INDUSTRY:** Central Institute of Petrochemical Engineering & Technology (CIPET) at Sitapura, Jaipur

**DATE & DURATION:** Dec, 02 2021

### **DETAILS OF INDUSTRY:**

Central Institute of Petrochemical Engineering & Technology (CIPET) is the prime department of Ministry of Chemicals & Fertilizers, Govt. of India. CIPET deals mainly production of polymer based projects with comprehensive capabilities that deliver complete solutions covering design, testing, and fabrication for different industrial products. CIPET Jaipur has its own design department for mould and die design, plastic moulding machines. Computer numerical control milling, turning, and wire and die sinking EDM machines. CIPET Jaipur also have academic program like diploma and B. Tech. in Plastic technology.

**NAME OF DEPARTMENT(S):** Department of Mechanical Engineering and Poornima Innovation and Incubation Cell, Poornima College of Engineering (PCE), Jaipur

**SEMESTER:** II, IV

### **DETAILS OF TECHNOLOGICAL / PRACTICAL LEARNINGS:**

### **GLIMPSES:**



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FICO Institutional Area  
Sitapura, JAIPUR





  
**Dr. Mahesh Bundele**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-6, RIICO Institutional Area  
Sitapura, JAIPUR



## LIST OF THE PARTICIPANTS:

Faculty Name : Surendra Kumar Saini & Rahul Sharma			
S. No.	Reg. No.	Name of Student	Year
1	PCE20ME001	ANISH GURJAR	2 <sup>nd</sup>
2	PCE20ME002	ANKUR PAYAL	2 <sup>nd</sup>
3	PCE20ME003	ANMOL JAIN	2 <sup>nd</sup>
4	PCE20ME005	AYAN	2 <sup>nd</sup>
5	PCE20ME019	AYYAN ABDULLAH KHOKAR	2 <sup>nd</sup>
6	PCE20ME703	GOURAV SINGH	2 <sup>nd</sup>
7	PCE20ME006	HARSHIT SARSIYA	2 <sup>nd</sup>
8	PCE20ME007	JAGRATI AGARWAL	2 <sup>nd</sup>
9	PCE20ME008	KUNAL YADAV	2 <sup>nd</sup>
10	PCE20ME009	MAHESH KUMAR VAISHNAV	2 <sup>nd</sup>
11	PCE20ME010	MUAHMMAD RAFIQUE	2 <sup>nd</sup>
12	PCE20ME011	NADEEM KHAN	2 <sup>nd</sup>
13	PCE20ME012	NAWAB AGHAZ	2 <sup>nd</sup>
14	PCE20ME013	SACHIN YADAV	2 <sup>nd</sup>
15	PCE20ME020	SHAHBAZ .	2 <sup>nd</sup>
16	PCE20ME015	TANUJ SHARMA	2 <sup>nd</sup>
17	PCE20ME017	VISHAD TAINWALA	2 <sup>nd</sup>
18	DIPLOMA	RUPAL SRIVASTAV	2 <sup>nd</sup>
20	PCE19ME001	ABHINAV SINGH .	3 <sup>rd</sup>
21	PCE19ME002	ABHISHEK MISHRA	3 <sup>rd</sup>
22	PCE19ME003	ABHISHEK SHAKYA	3 <sup>rd</sup>
23	PCE19ME005	ADITYA KASHYAP	3 <sup>rd</sup>
24	PCE19ME006	AFROZ ALAM	3 <sup>rd</sup>
25	PCE19ME007	AHIN JOHNY	3 <sup>rd</sup>
26	PCE19ME008	AKASH KUMAR	3 <sup>rd</sup>
27	PCE19ME009	AKSHIT SINGH .	3 <sup>rd</sup>
28	PCE19ME011	ANIKET VERMA	3 <sup>rd</sup>
29	PCE19ME012	ANMOL PANWAR	3 <sup>rd</sup>
30	PCE19ME013	ANMOL SHARMA	3 <sup>rd</sup>
31	PCE19ME016	DEEPAK SISODIA	3 <sup>rd</sup>
32	PCE19ME017	DHRUV SINGH RATHOUR .	3 <sup>rd</sup>
33	PCE19ME018	GARIMA SINGH	3 <sup>rd</sup>
34	PCE19ME019	GAURAV SAINI	3 <sup>rd</sup>
35	PCE19ME020	HARSH SHARMA	3 <sup>rd</sup>
36	PCE19ME021	JATIN ARORA	3 <sup>rd</sup>
37	PCE19ME512	JATINDER SINGH .	3 <sup>rd</sup>
38	PCE20ME801	AMARJEET KUMAR	3 <sup>rd</sup>
39	PCE19ME023	JITENDRA KUMAR BAIRWA .	3 <sup>rd</sup>
40	PCE19ME024	KAPIL SHARMA	3 <sup>rd</sup>
41	PCE19ME025	KARTIK CHIMNANI	3 <sup>rd</sup>
42	PCE19ME026	KRASHISH JAIN	3 <sup>rd</sup>
43	PCE19ME027	KUNAL .	3 <sup>rd</sup>
44	PCE19ME028	MANISH TONGARIA	3 <sup>rd</sup>

  
Dr. Mahesh Bunde  
B.E., M.E., Ph.D.

Director  
Poornima College of Engineering  
ISI-6, FIICO Institutional Area  
Ghatapada, JAIPUR

**Poornima College of Engineering - Activity Report**

45	PCE19ME029	MANVENDRA PRATAP SINGH CHAUHAN	3 <sup>rd</sup>
46	PCE19ME061	YASH DAHIYA	3 <sup>rd</sup>
47	PCE19ME031	NARESH KUMAR .	3 <sup>rd</sup>
48	PCE19ME033	NIKHIL SIWASIA .	3 <sup>rd</sup>
49	PCE19ME034	NIMAI JOSHI	3 <sup>rd</sup>
50	PCE19ME035	OMENDRA SINGH .	3 <sup>rd</sup>
51	PCE19ME036	PANKAJ YADAV .	3 <sup>rd</sup>
52	PCE19ME037	PARTH VERMA .	3 <sup>rd</sup>
53	PCE19ME038	PRANAV KUMAR SINGH	3 <sup>rd</sup>
54	PCE19ME039	PRITAM PRAJAPAT .	3 <sup>rd</sup>
55	PCE19ME040	PRIYANSH SHARMA	3 <sup>rd</sup>
56	PCE19ME041	RACHIT JAIN	3 <sup>rd</sup>
57	PCE19ME042	RAJEEV SHARMA .	3 <sup>rd</sup>
58	PCE19ME043	RAVI SHARMA	3 <sup>rd</sup>
59	PCE19ME045	SANDEEP SHARMA	3 <sup>rd</sup>
60	PCE19ME047	SHISHUPAL JADOUN	3 <sup>rd</sup>
61	PCE19ME511	SHIVAM BHAT	3 <sup>rd</sup>
62	PCE19ME050	SUMIT SHUKLA	3 <sup>rd</sup>
63	PCE19ME051	TUSHAR JANGID	3 <sup>rd</sup>
64	PCE19ME052	UMESH KUMAR	3 <sup>rd</sup>
65	PCE19ME053	UMESH YADAV	3 <sup>rd</sup>
66	PCE19ME054	USAMA BAKHED	3 <sup>rd</sup>
67	PCE19ME055	UTKARSH KUMAR SHARMA	3 <sup>rd</sup>
68	PCE20ME802	HARSHA RAJ SHISODIYA	3 <sup>rd</sup>
69	PCE20ME803	MOHAMMED FAIZAN	3 <sup>rd</sup>
70	PCE20ME804	RAJ SHEKHAR	3 <sup>rd</sup>
71	PCE20ME805	SHASHI RANJAN SINGH	3 <sup>rd</sup>
72	PCE20ME808	YOGESH KUMAR SAHU	3 <sup>rd</sup>

**FEEDBACK / ASSESSMENT / ATTAINMENTS:**

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-0, RIIICO Institutional Area  
Sitapura, JAIPUR

### ACTIVITY FEED BACK FORM

**Date:** 02/12/2021

**Name of Activity** : Industrial Visit at CIPET, Jaipur

**Type of Activity** : **Industrial Visit**

**Duration & Dates** : 9:30 AM to 1:00 PM (3:30 hours) & 2/12/2021

**Name of Coordinators** : Surendra Kumar Saini and Rahul Sharma

**Does this activity relate to any of Course & it'sCOs?** : Yes / **No**

**If Yes which Course (s)** :

**If Yes which CO (s)** :

CO1: \_\_\_\_\_

CO2: \_\_\_\_\_

CO3: \_\_\_\_\_

CO4: \_\_\_\_\_

CO5: \_\_\_\_\_

The feedback form is designed and collected for improving the quality of activity and to evaluate the attainments of **COs, POs and PSOs** from the activity.

**(Please do not fill anything in dark rows)**

S. No.	Use the following scale to rate the progress in the following areas as a result of conducted activity	Outstanding	Excellent	Good	Average	Satisfactory
		5	4	3	2	1
1	The contents of activity were					
2	The knowledge of instructions about the content delivery					
3	Method of delivery					
4	Hands on practice/ teachings					
5	Duration of the activity					
6	Understanding and attainment of above mentioned <b>CO1</b>					
7	Understanding and attainment of above mentioned <b>CO2</b>					
8	Understanding and attainment of above mentioned <b>CO3</b>					
9	Understanding and attainment of above mentioned <b>CO4</b>					
10	Understanding and attainment of above mentioned <b>CO5</b>					

**Poornima College of Engineering - Activity Report**

11	Learned fundamental concepts of basic sciences and mechanical engineering <b>(PO1)</b>					
12	Learned about identification of problem, analysis and interpretation of data related to problem of mechanical engineering <b>(PO2)</b>					
13	Understood design to solve complex engineering problem related to society, culture, environment and health etc. <b>(PO3)</b>					
14	Understood about investigation of results and drawing conclusion <b>(PO4)</b>					
15	Covered and understood advanced technique in mechanical engineering or tools or resources that can be used to solve complex mechanical engineering problem <b>(PO5)</b>					
16	Understood to analyze issues and corresponding responsibilities as an engineer related to societal or health or safety or legal or cultural aspects <b>(PO6)</b>					
17	Understood relation for impact of solution/ technology/ tools on society and environment and relevance to sustainable development <b>(PO7)</b>					
18	Covered and understood its relation for professional ethics, responsibilities and mechanical engineering norms <b>(PO8)</b>					
19	Learned &/ practiced to work effectively as an individual/ in team as member or leader with interdisciplinary/ multidisciplinary aspects <b>(PO9)</b>					
20	Covered understanding and/ practice to communicate with your colleagues and/society and prepare write-up/ report/ design document / make presentation/ do explanation about topics of the activity <b>(PO10)</b>					
21	Understood about engineering and management principles and their applications as an individual/ team member/ team leader in any project in multidisciplinary environment. <b>(PO11)</b>					
22	Obtained understanding and creation of ability to learn new topic/ technology/ tool that you came across in future <b>(PO12)</b>					
23	Learned to design, analyze and innovate solutions to technical issues in thermal, production and design engineering <b>(PSO1)</b>					
24	Acquired knowledge and skills in the field of mechanical & applied engineering					

  
**Dr. Mahesh Bunde**  
 B.E., M.E., Ph.D.  
 Director  
 Poornima College of Engineering  
 ISI-6, RIICO Institutional Area  
 Sitapura, JAIPUR



**Poornima College of Engineering - Activity Report**

	concepts (PSO2)					
25	Gained knowledge of skills in HVAC&R and automobile engineering (PSO3)					
26	Faculty and activity conduction environment.					

**27. Suggestion to include in future any other technology/ tool/ subject area of activity**

---

---

**28. Any other suggestion**

---

---

**Name (Optional): -----Class/Section: -----Reg. No.:-----**

**Signature:**

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-6, FIICO Institutional Area  
Sitapura, JAIPUR

### **A Brief Report of Visit- CIPET, JAIPUR**

Department of Mechanical Engineering organized a visit to **CIPET**, Jaipur, on 10 July. 2018 during induction programmer for second year Mechanical Engineering students. CIPET Centre in the state of Rajasthan was established in the year 2006 under the XIth Five year plan of Govt. of India with the 50:50 contributions from the Government of Rajasthan and Central Government. CIPET: CSTS - Jaipur Centre is ISO 9001:2008 certified for Training and Technical Services and our Plastics Testing Centre is accredited by NABL for ISO 17025:2005 QMS & ISO 17020 and recognized by Bureau of Indian Standards (BIS).

The basic objective of this visit is to demonstrate the Plastics Processing / Injection Molding/ Extrusion/ CNC Milling /CNC Lathe etc. it will be help to young minds for study and used in the field of Mechanical Engineering.

Total 30 students from II<sup>nd</sup> year along with a faculty member Ms. Asha Kumawat visited the same. Mr. Madan Manohar, Technical Officer - CAD/CAM, CIPET – JAIPUR welcomed the students and faculty member. Different section like, manufacturing, CAD/CAM, Production and testing explain by the assigned expertise with detailing of machineries used and their working. At the end Mr. Madan Manohar also aware the students about the different tanning programmers run by CIPET with the help of Presentation in CAD lab.

CIPET: CSTS - Jaipur is presently conducting Four Long Term Courses i.e. Diploma in Plastics Mould Technology (DPMT), Diploma in Plastics Technology (DPT) and Post Graduate Diploma in Plastics Processing & Testing (PGD-PPT), and Post Graduate Diploma in Plastics Testing & Quality Control (PGD-PTQC) also short duration skill development training programmes in Plastics Processing / Injection Molding/ Extrusion/ CNC Milling /CNC Lathe etc. Also, our CAD Department is conducting specialized training on various CAD softwares AutoCAD/Unigraphics/Creo/CATIA/Mold Flow etc.

CIPET : CSTS - Jaipur is offering Technical Services in various disciplines of Design, Tooling, Processing, Testing & Inspection to the local Plastics Industries and playing a major role in the development of Plastic Industries in & around Rajasthan. Definitely it will be helpful to formulate technologies, research ideas and new developments for students and faculty members.

  
**Dr. Mahesh Bundele**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-6, RIIICO Institutional Area  
Sitapura, JAIPUR


### STUDENT DETAILS (CIPET VISIT)

SR. NO.	REGISTRATION NUMBER	NAME OF STUDENT
1.	PCE17ME062	MOHAMMED ZAID KHAN
2.	PCE17ME063	NARESH
3.	PCE17ME064	NARESH BABU SHARMA
4.	PCE17ME066	NITESH BUWAVAT
5.	PCE17ME067	OMPRAKASH BISHNOI
6.	PCE17ME068	PANSHUL MEENA
7.	PCE17ME070	PARAMESHWAR GURJAR
8.	PCE17ME071	PAVAN PACHORI
9.	PCE17ME073	PIYUSH SHARMA
10.	PCE17ME074	PIYUSH TIWARI
11.	PCE17ME075	PIYUSH TOLAMBIA
12.	PCE17ME078	PRAVEEN KUMAR JHA
13.	PCE17ME080	RAHUL
14.	PCE17ME082	RAI ANUP KUMAR SHAILENDRA
15.	PCE17ME083	RAJ SINGH
16.	PCE17ME089	SHINTO MATHEW
17.	PCE17ME090	SHIV KUMAR LODWAL
18.	PCE17ME091	SHUBHAM KUMAR JAHANGID
19.	PCE17ME092	SOM ARARWAL
20.	PCE17ME093	SUNNY PATEL
21.	PCE17ME094	SURAJ KUMAR
22.	PCE17ME097	UTTAM CHAND JAIN
23.	PCE17ME099	VIJAY KUMAWAT
24.	PCE17ME100	VIKAS KUMAR SHARMA
25.	PCE17ME102	VISHAL KUMAR SHARMA
26.	PCE17ME103	YASH AWASTI
27.	PCE17ME104	YASH KUMAWAT

  
**Dr. Mahesh Bundele**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RIIICO Institutional Area  
Sitapura, JAIPUR

## **Glimpses**



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-6, RIICO Institutional Area  
Sitapura, JAIPUR





  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-6, RICO Institutional Area  
Sitapura, JAIPUR



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



# POORNIMA

## COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

### A REPORT ON INDUSTRIAL VISIT

**NAME OF INDUSTRY:** BSNL, VKI

**DATE & DURATION:** 13<sup>th</sup> March 2019 , Thursday

**SEMESTER:** VIth Semester

#### DETAILS OF ACTIVITY:

The objective of an industrial visit is to provide us an insight regarding internal working of companies. Theoretical knowledge is not enough for a successful professional career. With an aim to go beyond academics, industrial visit provides students a practical perspective of the work place. It provides an opportunity to learn practically through interaction, working methods and employment practices. It gives an exposure to current work practices as opposed to possibly theoretical knowledge being taught at college.

- To provide an excellent opportunity to interact with industries and know more about industrial environment.
- To combine theoretical knowledge with practical knowledge.
- To observe and learn as to how theatrical concepts are put to into action, thereby aiding their practical learning.
- To understand the basics of mobile communication and power supplies.
- Students will be able to understand comprehensive Integration of all telecom Equipment.
- To understand the communication through optical fiber.

#### Knowledge and Understanding after completion of this Program:

- Students understood the functioning of Broadband and Mobile Communication.
- Acquired knowledge about the batteries and Telephone exchanges.
- Understood the concept of signal transmission through optical fiber.

*Dr. Mahesh Bunde*  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
151-0, RILCO Institutional Area  
Ghatapada, JAIPUR

## About the Speaker

### **Mr. Rajesh Kumar Nayak**

Bharat Sanchar Nigam Limited SDE (RTTC), Jaipur

**Bibliography-** Mr. Rajesh Kumar Nayak received his B.Tech & M.Tech degree from M.B.M Jodhpur. He is the Resource Person of Regional Telecom Training Centre Jaipur, one of the premier training institutes of BSNL. He imparts training in modern Telecommunication Engineering, Information Technology and Management to BSNL executives, Non-Executives and Engineering students. His center is equipped with state-of-the-art telecom technology laboratories, which include mobile communication systems of GSM 3G & CDMA, switching systems, transmission systems, fiber optics, SDH, STM rings and data communication systems with Internet nodes, Wi-Fi equipment's, IP MPLS VPN and Cisco routers.

### **Er. Prashant Technical Head, Industrial Hub Technologies**

**Bibliography-** He is an energetic, ambitious person who undertakes complex projects and always delivers superior performance. He is recognized as a strong trainer who is able to develop individuals and skilled at applying new technologies, project management, product development and delivering practical knowledge to students with more than 5 years' experience. He has commands on Electronics & Electrical Systems Design & Manufacturing, Embedded System & Robotics, IOT using different Controllers (ATMEL, ARM, MSP430, PIC, Free scale, PLC) and processors (ESP32, QUALCOMM, 8085/8086), Networking, Solar Designing & Installation etc.

## **LEARNING OUTCOMES:**

- To provide qualitative embedded system solutions.
- To solve customers most complex innovations through a unique combination of expertise, analytics, deep industry insight, process excellence and a passionate workforce.
- To provide complete hardware, software, mechanical, testing, prototyping, certifications and manufacturing services.
- To provide next Technology innovation in space of 5G, Wireless, AI/ML on Vision-based solutions, IOT, Cloud and apps.

## **MAPPINGS WITH PO AND PSO:**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1		-	-	-	-	-	-	-	3	-	-	-	-	-	3
CO2	-	-	-	-	-	-	-	-	3	-	-	-	3	-	2
CO3	-	-	-	-	-	-	-	-	-	-	3	-	3	-	2

  
Dr. Mahesh Bundele  
B.E., M.E., Ph.D.  
Director  
Peernima College of Engineering  
ISI-6, RILCO Institutional Area  
Ghatapada, JAIPUR




## DETAILS OF TECHNOLOGICAL / PRACTICAL LEARNINGS:

- Proven and deep expertise in Dual sensor integration, calibration, image tuning, AI/ML, data modeling, edge computing which helps customers to deliver sophisticated and secure solutions.
- To help face the challenges faced by OEMs and solution providers across a range of Result oriented professionals with capabilities in the latest technologies.
- Experience in configuring device-side agents.
- Resilient delivery models with a deep focus on agile methodologies.
- Frameworks and wrappers for easy and fast development.
- Expertise in implementing solutions on public, private, and hybrid cloud.

## GLIMPSES:



  
**Dr. Mahesh Bundele**  
B.E., M.E., Ph.D.  
Director  
Peernima College of Engineering  
ISI-0, RILCO Institutional Area  
Ghatapura, JAIPUR



  
**Dr. Mahesh Bunde**  
 B.E., M.E., Ph.D.  
 Director  
 Poonima College of Engineering  
 ISI-0, RICO Institutional Area  
 Gilapura, JAIPUR



**LIST OF THE PARTICIPANTS:**

Sr.No	Reg. No	Name of Students	Year
1	PCE16EC061	AADESH SHARMA	III A
2	PCE16EC004	ADITYA JHA	III A
3	PCE16EC005	AJAY GUPTA	III A
4	PCE16EC008	ANAMIKA	III A
5	PCE16EC011	ANKITA SONI	III A
6	PCE16EC012	ANSH	III A
7	PCE16EC013	ANUJ JAIMAN	III A
8	PCE16EC015	ASHISH CHHIPA	III A
9	PCE16EC017	ASHUTOSH KUMAR	III A
10	PCE16EC018	AVIJEET JHA	III A
11	PCE16EC019	AYUSH SHARMA	III A
12	PCE16EC021	BHUVNESH GOYAL	III A
13	PCE16EC023	DEEPAK NAMA	III A
14	PCE16EC115	DINESH KUMAWAT	III A
15	PCE16EC026	DIPANKAR KUMAR	III A
16	PCE16EC027	DIVYANSHU MANI MISHRA	III A
17	PCE16EC030	GAURAV SHARMA	III A
18	PCE16EC034	JALAJ PUNJANI	III A
19	PCE16EC035	KARAN KUMAWAT	III A
20	PCE16EC038	KUMAR ABHISHEK ANAND	III A
21	PCE16EC039	KUMAR SAURAV	III A
22	PCE16EC040	KUNAL CHAUDHARY	III A
23	PCE16EC043	MAYANK MRINAL	III A
24	PCE16EC044	MIRAL MINDA	III A
25	PCE16EC046	MRINAL TYAGI	III A
26	PCE16EC048	NANDITA DAS	III A
27	PCE16EC050	NEHA CHOUHAN	III A
28	PCE16EC051	NEHA JHAMB	III A
29	PCE16EC055	PRACHI JAIN	III A
30	PCE16EC056	PRACHI SHAH	III A
31	PCE16EC057	PRANJAL MEHARISHI	III A
32	PCE16EC058	PRANJAL SHARMA	III A
33	PCE16EC059	PRASHANT MEENA	III A
34	PCE16EC114	PRAVEEN KUMAR SHARMA	III A
35	PCE16EC060	PRASHANT SHARMA	III B
36	PCE16EC301	PRAVEEN DUDI	III B
37	PCE16EC064	PUSHKAR RAJ PANDEY	III B
38	PCE16EC065	RAM KINKAR DAS TRIPATHI	III B
39	PCE16EC067	RAVI KUMAR POKHARNA	III B
40	PCE16EC069	RITESH KUMAR JAIN	III B

41	PCE16EC070	RITIKA GARG	III B
42	PCE16EC071	RITIKA SAINI	III B

43	PCE16EC074	ROSHAN SINGH	III B
44	PCE16EC075	RUCHIKA SHARMA	III B
45	PCE16EC076	SACHIN JAISINGHANI	III B
46	PCE16EC077	SAKSHI	III B
47	PCE16EC078	SALONI JAJU	III B
48	PCE16EC079	SANDEEP KUMAR	III B
49	PCE16EC080	SANJAY CHOUHAN	III B
50	PCE16EC082	SATYAM KUMAR	III B
51	PCE16EC083	SHAILY AGARWAL	III B
52	PCE16EC085	SHEFALI	III B
53	PCE16EC088	SHOBHIT GUPTA	III B
54	PCE16EC089	SHRUTI JAIN	III B
55	PCE16EC090	SHUBHALI RAJ	III B
56	PCE16EC092	SHUBHAM SHARMA	III B
57	PCE16EC094	SONIYA MOOLCHAND HEERA	III B
58	PCE16EC095	TANAY PUROHIT	III B
59	PCE16EC096	TANYA MITTAL	III B
60	PCE16EC100	TUSHAR LALCHANDANI	III B
61	PCE16EC101	UJJAWAL KUMAR	III B
62	PCE16EC105	VIKASH RAJ	III B
63	PCE16EC108	VIPIN KUMAR SHARMA	III B
64	PCE16EC109	VISHAL SAINI	III B
65	PCE16EC113	YUKTA CHAUHAN	III B

### FEEDBACK /ASSESSMENT/ATTAINMENTS:

Feedback was taken from the participants on following attributes.

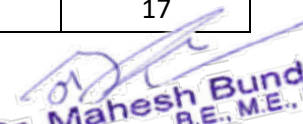
The analysis is presented below;

Special Lecture Organized by Department of Electronics and Communication Engineering, PCE			
	Attributes	Comments	No. Of Comments
Program	Organizing level	Excellent	25
		V. Good	23
		Good	10

Dr. Mahesh Bunde  
B.E., M.E., Ph.D.  
Director  
Peernima College of Engineering  
151-0, PCCO Institutional Area  
Ghatapada, JAIPUR



		Poor	1
The Lecture Contents	Relevance	Excellent	25
		V. Good	24
		Good	9
		Poor	1
	Depth	Excellent	14
		V. Good	24
		Good	20
		Poor	1
	Interest	Excellent	17
		V. Good	30
		Good	10
		Poor	2
	Understanding	Excellent	14
		V. Good	22
		Good	20
		Poor	3
The Facilitators	Knowledge	Excellent	21
		V. Good	20
		Good	15
		Poor	2
	Response to participant's questions	Excellent	21
		V. Good	15
		Good	17
		Poor	0
	Delivery	Excellent	21
		V. Good	18
		Good	18
		Poor	1
		Excellent	16
Overall understanding of concepts			
		V. Good	24
		Good	19
		Poor	0
Duration of the Lecture		Excellent	15
		V. Good	20
		Good	24
		Poor	0
		Excellent	20
		V. Good	17

  
**Dr. Mahesh Bundele**  
 B.E., M.E., Ph.D.  
 Director  
 Poornima College of Engineering  
 ISI-6, FULCO Institutional Area  
 Ghatapada, JAIPUR

Overall how would you rate this Lecture	Good	20
	Poor	2
Would you like to work in this direction	Yes	40
	No	19
Would you like to attend similar activity in future?	Yes	44
	No	15
Suggestions	This type of Practical exposure should be arranged frequently.	



# POORNIMA

## COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

### A REPORT ON INDUSTRIAL VISIT

**NAME OF INDUSTRY:** BSNL, VKI

**DATE & DURATION:** February 22-23, 2019 1 day visit.

**SEMESTER:** VI th Semester

#### DETAILS OF ACTIVITY:

The objective of an industrial visit is to provide us an insight regarding internal working of companies. Theoretical knowledge is not enough for a successful professional career. With an aim to go beyond academics, industrial visit provides students a practical perspective of the work place. It provides an opportunity to learn practically through interaction, working methods and employment practices. It gives an exposure to current work practices as opposed to possibly theoretical knowledge being taught at college.

- To provide an excellent opportunity to interact with industries and know more about industrial environment.
- To combine theoretical knowledge with practical knowledge.
- To observe and learn as to how theatrical concepts are put to into action, thereby aiding their practical learning.
- To understand the basics of mobile communication and power supplies.
- Students will be able to understand comprehensive Integration of all telecom Equipment.
- To understand the communication through optical fiber.

#### Knowledge and Understanding after completion of this Program:

- Students understood the functioning of Broadband and Mobile Communication.
- Acquired knowledge about the batteries and Telephone exchanges.
- Understood the concept of signal transmission through optical fiber.

*Dr. Mahesh Bunde*  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
151-0, PII CO Institutional Area  
Sitapura, JAIPUR

## About the Speaker

### **Mr. Rajesh Kumar Nayak Bharat Sanchar Nigam Limited SDE (RTTC), Jaipur**

**Bibliography-** Mr. Rajesh Kumar Nayak received his B.Tech & M.Tech degree from M.B.M Jodhpur. He is the Resource Person of Regional Telecom Training Centre Jaipur, one of the premier training institutes of BSNL. He imparts training in modern Telecommunication Engineering, Information Technology and Management to BSNL executives, Non-Executives and Engineering students. His center is equipped with state-of-the-art telecom technology laboratories, which include mobile communication systems of GSM 3G & CDMA, switching systems, transmission systems, fiber optics, SDH, STM rings and data communication systems with Internet nodes, Wi-Fi equipment's, IP MPLS VPN and Cisco routers.

### **Er. Prashant Technical Head, Industrial Hub Technologies**


**Bibliography-** He is an energetic, ambitious person who undertakes complex projects and always delivers superior performance. He is recognized as a strong trainer who is able to develop individuals and skilled at applying new technologies, project management, product development and delivering practical knowledge to students with more than 5 years' experience. He has commands on Electronics & Electrical Systems Design & Manufacturing, Embedded System & Robotics, IOT using different Controllers (ATMEL, ARM, MSP430, PIC, Free scale, PLC) and processors (ESP32, QUALCOMM, 8085/8086), Networking, Solar Designing & Installation etc.

## **LEARNING OUTCOMES:**

- To provide qualitative embedded system solutions.
- To solve customers most complex innovations through a unique combination of expertise, analytics, deep industry insight, process excellence and a passionate workforce.
- To provide complete hardware, software, mechanical, testing, prototyping, certifications and manufacturing services.

## **MAPPING WITH PO AND PSO:**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	3
CO2	-	-	-	-	-	-	-	-	3	-	-	-	3	-	2
CO3	-	-	-	-	-	-	-	-	-	-	3	-	3	-	2

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Peernima College of Engineering  
ISI-0, RILCO Institutional Area  
Sitapura, JAIPUR



## DETAILS OF TECHNOLOGICAL / PRACTICAL LEARNINGS:

- Proven and deep expertise in Dual sensor integration, calibration, image tuning, AI/ML, data modeling, edge computing which helps customers to deliver sophisticated and secure solutions.
- To help face the challenges faced by OEMs and solution providers across a range of Result oriented professionals with capabilities in the latest technologies.
- Experience in configuring device-side agents.
- Resilient delivery models with a deep focus on agile methodologies.
- Frameworks and wrappers for easy and fast development.
- Expertise in implementing solutions on public, private, and hybrid cloud.

## GLIMPSES:



*Dr. Mahesh Bunde*  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Ghatapada, JAIPUR




  
**Dr. Mahesh Bunde**  
 B.E., M.E., Ph.D.  
 Director  
 Poornima College of Engineering  
 ISI-0, RILCO Institutional Area  
 Gilapura, JAIPUR





Figure: Photograph during presentation



  
**Dr. Mahesh Bundele**  
 B.E., M.E., Ph.D.  
 Director  
 Poornima College of Engineering  
 ISI-0, FIICO Institutional Area  
 Sitapura, JAIPUR

**LIST OF THE PARTICIPANTS :**

S.No.	Name	Designation
1	ABHIMANYU	Student(II Year)
2	ABHINAV ANAND	Student(II Year)
3	ABHISHEK KUMAR	Student(II Year)
4	ABHISHEK SINGH HADA	Student(II Year)
5	ADHAAR SAXENA	Student(II Year)
6	ADITI CHOUDHARY	Student(II Year)
7	HARSHIT KHANDELWAL	Student(II Year)
8	AMAN AGARWAL	Student(II Year)
9	AMAN SHARMA	Student(II Year)
10	AMARDEEP KUMAR	Student(II Year)
11	AMISHA GOSWAMI	Student(II Year)
12	AMIT YADAV	Student(II Year)
13	ANCHAL BANGAR	Student(II Year)
14	ANCHAL BOHRA	Student(II Year)
15	ANKIT MANDOWARA	Student(II Year)
16	ANURAG ATINDRA	Student(II Year)
17	ARPIT SHARMA	Student(II Year)
18	ARVIND SINGH	Student(II Year)
19	AWAIS GHANI	Student(II Year)
20	HIMANSHU SANGA	Student(II Year)
21	BHAVANA ADDANIA	Student(II Year)
22	DEEPAK KUMAR SINGH	Student(II Year)
23	DHRUV TRIVEDI	Student(II Year)
24	GOPESH YADAV	Student(II Year)
25	ISHIKA JAIN	Student(II Year)
26	ISHITA SHIVRAN	Student(II Year)
27	ITEE SONI	Student(II Year)



28	JAYESH BHARGAVA	Student(II Year)
29	KUNAL SINGH RANAWAT	Student(II Year)
30	MAHIMA AGRAWAL	Student(II Year)
31	MOHAMMED ANAS PATHAN	Student(II Year)
32	NAKUL SINGH RAJAWAT	Student(II Year)
33	NANDITA JAIN	Student(II Year)
34	YOGENDRA SINGH CHOUHAN	Student(II Year)
35	SHREYA MATHUR	Student(II Year)
36	SHREYA MATHUR(NM)	Student(II Year)
37	NIKHIL AGARWAL	Student(II Year)
38	NISHANT KUMAR	Student(II Year)
39	NISTHA CHANDALIYA	Student(II Year)
40	VISHESHA UPADHYAY	Student(II Year)
41	PALLAVI BANSAL	Student(II Year)
42	PANKAJ KHANGAROT	Student(II Year)
43	PRACHI MATHUR	Student(II Year)
44	PRAJJWAL SAINI	Student(II Year)
45	PRATEEK KASHYAP	Student(II Year)
46	PRATIKA SAHU	Student(II Year)
47	RAJENDRA KUMAWAT	Student(II Year)
48	RESHU KUMARI	Student(II Year)
49	RITIK SHARMA	Student(II Year)
50	ROHIT SHARMA	Student(II Year)
51	SACHIN KUMAR JAIMAN	Student(II Year)
52	YASH SHARMA	Student(II Year)

  
**Dr. Mahesh Bundele**  
 B.E., M.E., Ph.D.  
 Director  
 Poornima College of Engineering  
 ISI-0, PIIICO Institutional Area  
 Sitapura, JAIPUR

53	SHUBHAM SAINI	Student(II Year)
54	SIDDHANT MUNDRA	Student(II Year)
55	SRISHTI MEENA	Student(II Year)
56	SUBHAM SHARMA	Student(II Year)
57	SURAJ BAIRWA	Student(II Year)
58	TRILOK HADA	Student(II Year)
59	VISHAL MALVIYA	Student(II Year)

### FEEDBACK /ASSESSMENT/ATTAINMENTS:

Feedback was taken from the participants on following attributes.

The analysis is presented below;

Special Lecture Organized by Department of Electronics and Communication Engineering, PCE			
	Attributes	Comments	No. Of Comments
Program	Organizing level	Excellent	25
		V. Good	23
		Good	10
		Poor	1
The Lecture Contents	Relevance	Excellent	25
		V. Good	24
		Good	9
		Poor	1
	Depth	Excellent	14
		V. Good	24
		Good	20
		Poor	1
	Interest	Excellent	17
		V. Good	30
		Good	10
		Poor	2
	Understanding	Excellent	14
		V. Good	22
		Good	20
		Poor	3
	Knowledge	Excellent	21
		V. Good	20
		Good	15
		Poor	2

Dr. Mahesh Bunde  
B.E., M.E., Ph.D.  
Director  
Peernima College of Engineering  
ISI-0, FULCO Institutional Area  
Ghatapada, JAIPUR

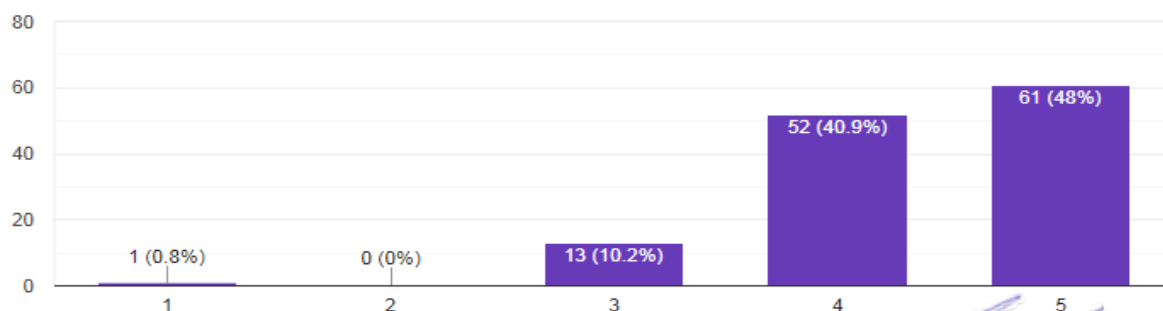
The Facilitators	Response to participant's questions	Excellent	21
		V. Good	15
		Good	17
		Poor	0
	Delivery	Excellent	21
		V. Good	18
		Good	18
		Poor	1
Overall understanding of concepts		Excellent	16

Overall understanding of concepts	V. Good	24
	Good	19
	Poor	0
Duration of the Lecture	Excellent	15
	V. Good	20
	Good	24
	Poor	0
Overall how would you rate this Lecture	Excellent	20
	V. Good	17
	Good	20
	Poor	2
Would you like to work in this direction	Yes	40
	No	19
Would you like to attend similar activity in future?	Yes	44
	No	15
Suggestions	This type of Practical exposure should be arranged frequently.	

## FEEDBACK /ASSESSMENT/ATTAINMENTS:

How clear were the ideas and concepts which speakers presented?\*

127 responses



*Dr. Mahesh Bundele*  
B.E., M.E., Ph.D.  
Director  
Peernima College of Engineering  
ISI-0, RILCO Institutional Area  
Ghatapada, JAIPUR

## REPORT OF VISIT to-Bhagwan Mahavir Viklang Sahayak Samiti

Department of Mechanical engineering arranged a NGO visit to **BHAGWAN MAHAVIR VIKLANG SAHAYAK SAMITI** at A-13, Calgeri Marg, Malviya Nagar, Jaipur, for **II<sup>nd</sup> year (section A & C)** students on **12/02/2018, 10-2pm**. Visit coordinated by Mrs. **Asha Kumawat**.

Total 30 students along with two faculty members visited this NGO. Bhagwan Mahaveer Viklang Sahayata Samiti (BMVSS) is the World's largest organization for disabled having clear social vision and commitment to help the disabled regain mobility and dignity by fitting high-quality, durable artificial limbs and other aids and appliances, all free of charge. Students also collect some amount as a part of donation for this social activity.

BMVSS was registered as a society under the Rajasthan Societies Registration Act on March 29, 1975 (vide registration number 261/1974-75). It has its headquarters at Jaipur (India). It is a pan-Indian organization having 22 branches, spanning Srinagar (Jammu & Kashmir) to Chennai (Tamil Nadu) and Ahmadabad (Gujarat) to Guwahati (Assam). Metropolitan cities such as Delhi, Mumbai, Chennai, Hyderabad, Bengaluru, Varanasi, Patna, etc also have limb fitment centers of BMVSS. Details can be found under the Locations section.

Since inception, BMVSS has rehabilitated more than 1.3 million amputees and polio patients by fitting / providing artificial limbs (Jaipur Foot variations), calipers, and other aids and appliances, mostly in India and also in 26 countries across the world. Apart from providing the widest possible range of services for the disabled, BMVSS is also focused on research and development, and tries to fuse service with science.

BMVSS has forged agreements with Stanford University, USA; Massachusetts Institute of Technology (MIT), USA; the Indian Space Research Organization; and Indian Institute of Technology (IIT), Jodhpur, for research and development, Professors of other IITs, namely Chennai, Delhi and Mumbai, too are helping BMVSS. Further, Malaviya National Institute of Technology, Jaipur; National Institute of Technology, Delhi; and companies such as Jain Irrigation, Pinnacle Industries, Polymedicure and Universal Medicap have agreements with BMVSS for research. Other corporates also support BMVSS. Dow Chemical International Pvt Ltd (Dow India), a leading company in polymers, is helping BMVSS in improving the components of its aids and appliances. Dow India, MIT and the American Society of Mechanical Engineers are working together with BMVSS to further enhance the functionality and longevity of the polyurethane (PU) foot, which is likely to rehabilitate hundreds of thousands of amputees the world over, along with the inventions of physics, chemistry, space, etc. Dow India is providing funds for this project.

### Vision and mission

#### Vision

The vision of Bhagwan Mahaveer Viklang Sahayata Samiti is to help the physical,

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-6, Full CO Institutional Area  
Sitapura, JAIPUR



economic and social rehabilitation of the disabled, to enable them to regain their mobility and dignity and become self-respecting and productive members of society, ie, in short, restoring the glory of life.

### **Mission**

The mission of Bhagwan Mahaveer Viklang Sahayata Samiti (BMVSS) is to:

Provide prosthetics or artificial limbs, calipers and other physical aids and appliances, free of charge, to as many disabled people as possible through its centres, outreach programmes and rehabilitation camps, both in India and abroad.

Provide economic support for livelihood (on selective basis) as an anti-poverty programme.

Undertake in-house or collaborative research for the improved quality and lower cost of aids and appliances.

### **Awards**

2008-The Government of India confers its third-highest civilian award, the Padma Bhushan, on Devendra Raj Mehta.

November 29, 2012-Rajiv Gandhi National Sadbhavana Award presented to Devendra Raj Mehta, Founder and Chief Patron of Bhagwan Mahaveer Viklang Sahayata Samiti (BMVSS).

2007-The Tech Museum Innovation Organization, based in San Jose, California, confers the tech award for innovation for the benefit of humanity on Devendra Raj Mehta.

December 3, 2012-SR Jindal award conferred on the Bhagwan Mahaveer Viklang Sahayata Samiti for exceptional social service.

July 20, 2012-Lifetime Achievement Award by Bank of Baroda.

2010- The House of Representatives, Parliament of Philippines, felicitate VR Mehta (Founder President of Mahaveer Philippines Foundation) and Vimla Mehta (Founding Director of Mahaveer Philippines Foundation) for their effort in providing Jaipur Foot and other prosthetic support to the disabled in the Philippines.

2008-The Government of India confers its third-highest civilian award, the Padma Bhushan, on Devendra Raj Mehta.

### **Contact person & address**

DR Mehta

Founder and Chief Patron

Bhagwan Mahaveer Viklang Sahayata Samiti

13A, Gurunanak Path, Main Malviya Nagar,, Rajasthan, India

Tel: 91-0141-2520485 / 2523103 / 4001519 Mob.: 09314566665

E-mail: [bmvssjpr@datainfosys.net](mailto:bmvssjpr@datainfosys.net), [bmvssjpr@yahoo.com](mailto:bmvssjpr@yahoo.com)

SR.NO.	NAME OF THE STUDENT
1.	Ashish Prajapati
2.	Amit Kumar
3.	Ahsan Akhar
4.	Abhay Singh
5.	Avinash Kumar Singh
6.	Bhomic Puri
7.	Ashish Singhal
8.	Dheeraj Kumar Doohi
9.	Jaideep Gahlot
10.	Hritek Tholia
11.	Mohit Kumar Sharma
12.	Lakshya Khatri
13.	Lokesh Kumar Jahangid
14.	Manjeet Singh
15.	Kaushik Suthar
16.	Mohammed Azharuddin
17.	Lovelesh Malav
18.	Mayank Pachauri
19.	Mohammed Anas Khan
20.	Mayank Gupta
21.	Bhupendra Kumar Saini
22.	Akshay Khandelwal
23.	Gourav Bairwa
24.	Devesh Pratap Singh
25.	Gourav Kumar Lhauhan
26.	Dhruv Kumar
27.	Kapish Sharma
28.	Hanuman Parmar
29.	Durgesh Kumar Meena
30.	Chirayu Sharma

**Interaction of students to Mr. OMPRAKASH (Technical assistance), of Bhagwan Mahavir  
Viklang Sahayak Samiti**



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



**Actual working in heat treatment section**



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-6, RICO Institutional Area  
Sitapura, JAIPUR





**Actual working in manufacturing section**



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-6, FIICO Institutional Area  
Sitapura, JAIPUR





  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-6, RIIICO Institutional Area  
Sitapura, JAIPUR



**Students distributing fruits & biscuits to peoples**



  
**Dr. Mahesh Bundele**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-0, FIICO Institutional Area  
Sitapura, JAIPUR



**Group photograph of students and faculty with Mr. V.R.Mehata (Founder BMVSS)**



  
**Dr. Mahesh Bundale**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-0, FIICO Institutional Area  
Sitapura, JAIPUR



## **A Brief Report of industrial visit- AKS Bearings Ltd.**


Department of Mechanical Engineering organized an industrial visit to **AKS Bearings Ltd.** A-87 (B) –C, Rd Number 9, Vishwakarma Industrial Area, Jaipur, Rajasthan 302013, on August 28<sup>th</sup>, 2017. AKS Bearings Ltd. deals in manufacturing of Ball Bearings and Roller Bearings. These are manufactured for every possible application and requirement of the modern engineering industry. It continues to develop new sizes, keeping pace with the rapid advancement in the Indian Engineering Industry. AKS has already implemented modern concepts of total quality management and accredited with ISO-9001 Certification.

The basic objective of this activity was to know theoretical terms with practical exposure and the working of AKS Bearings Ltd. Total 30 students along with a faculty member Mrs. Asha Kumawat under the guidance of Mr. Sanjay Kumawat visited the same. Mr. Aayush, the chief Founder of AKS Bearings Ltd. welcomed the students and faculty member. He explained about the bearings, its manufacturing processes as well as AKS bearing unit. Thereafter, observed the machineries and technologies used for manufacturing the bearings in AKS Bearings Ltd.

AKS Bearings Limited was incorporated in the year 1990. The first Bearing manufactured in September 1993. At present AKS Bearings Limited is a leading manufacturer of Ball & Roller Bearings, situated in Vishwakarma Industrial Area, Jaipur in the state of Rajasthan. The company is spread over an area of 4727 Sq. meter. It manufactures a wide range of Bearings under the brand name of AKS. Single Row Deep Groove Ball Bearing, Taper Roller Bearings, Needle Roller Bearing, Thrust Bearings and Bushes of various sizes which are related to Automobiles, Electric Motors, Trucks, Tractors, Material Handling Equipments, Agricultural and General purpose machines. AKS manufactures bearings with the latest Technology and most modern manufacturing processes on highly sophisticated, Automatic, in process Gauging Grinding Machines. Premium customers of AKS Bearings Ltd. are Neyveli Lignite Corporation, Western Railways, Southern Railway, Northwestern Railways, Western Coalfields, Integral Coach Factory, ASRTU, Andhra Pradesh State Road Transport, PHED, Rajasthan, Tata Steel (Bearings Division), Herculies Hoists Ltd., HMT Bearing, Hyderabad. This visit enhanced the knowledge of the students and faculty.

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-6, RICO Institutional Area  
Sitapura, JAIPUR



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-6, FIICO Institutional Area  
Sitapura, JAIPUR





  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Sitapura, JAIPUR



  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, RICO Institutional Area  
Ghatapada, JAIPUR





# POORNIMA

## COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

### A REPORT ON INDUSTRIAL VISIT

**NAME OF INDUSTRY:** Terrazzo Greens Project Jaipur

**DATE & DURATION:** OCTOBER 10, 2017

#### **DETAILS OF INDUSTRY:**

To enhance the skills of students like teamwork, taking different challenges, designing different structure, problem solving techniques & how to work in site.

One can create new world with his ideas and innovations. A civil engineer can built or create many structures with unique ideas which can serve as betterment of society. So an engineer require certain skills to developed which help in all these work such as team work ,thought process, quick decision ,taking challenges for betterment of society, designing a structure ,management, creativity etc.

#### **Expected Results of the Activity**


By this activity student got the proper knowledge about working in the site. Also they got the ideas how to handle the situation at the working site, and applying the theoretical knowledge in their real life.

#### **Instructor**

- Naik Singh
- Mo. No. 9782224546
- Post – Civil Engineer

#### **Company Introduction**

Terrazzo Greens Project is the project which is being constructed by the company named as Manor Nits Construction Pvt. Ltd. with the consulting firm of the company Tasha Slogan Designs Pvt. Ltd... Total number of projects is 5 that are being worked under this company. Estimated cost of the Terrazzo Greens project is 2000 core.

  
Dr. Mahesh Bunde  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-0, RILCO Institutional Area  
Ghatapada, JAIPUR



**POORNIMA**  
COLLEGE OF ENGINEERING

**DEPARTMENT OF CIVIL ENGINEERING**

Session: 2017-18

Organized a Site Visit on

# **Terrazzo Greens Project**

on 10 Oct., 2017

Coordinator

Mr. Alok Kumar, Assistant Professor, PCE, Jaipur  
Mr. Balwan, Assistant Professor, PCE, Jaipur

*Dr. Mahesh Bundele*  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
151-0, RILCO Institutional Area  
Sitapura, JAIPUR

## Participants

The activity was well carried out. There was full of excitement as well as enthusiasm among student of civil “B” section 5th semester 3rd year. There were 30 student’s participants and 2 faculty members fully experienced in their following field, and are as follows Mr.Mukul Nama, and Mr. Rahul Sharma.

## A brief description of Activities

Activity is totally driven by students of 4TH year, civil branch. This activity was conducted for a day.

- Venue- Terrazzo Greens, Isakson Road, Jaipur
- Time - 11:00-2.30pm
- 10 OCTOBER 2017

We started our site visit at 11:00 am dated 10 October 2017 there were around 30 students and 2 faculty members. In which Poornima Foundation provided 1buses in which the students were divided into 2 groups of 15 student each, we arrived at our destination around 12:00 pm. Then we started our visit inspection, every student were very curious and excited about visit. There we met the engineer in charge Mr. Naik Singh. He introduces himself and the session was very interactive.

We visited the construction as in following parts

SLOT – I (FOUNDATION)

SLOT – II (STAIR CASE)

SLOT – III (COLUMNS & BEAM)

SLOT – IV (RCC ROOF)

SLOT – V (CONCRETE PUMPING MACHINE)

### **SLOT – I ( FOUNDATION )**

- Foundation is the lowest part of structure below ground level which provides a base for then building.
- Foundation is a part of the structure which receives load of the building and transfers it safely to the lower soil strata without any excessive settlements.
- If the foundation of a building is placed without understanding the ground condition below, it may lead to failure of foundation. Once failure of foundation takes place, then little can be done to improve the situation.
- On the site the type of foundation present was Raft foundation with stepped footing.

### **What we learned from foundation –**

We learn that the foundation is the most important part of the building and the only responsible part to hold the structure by transferring the load to lower strata.

### **SLOT – II (STAIR CASE)**

A series of steps which provides access from one floor to another is called a **stair**, and the part of the building accommodation the stair is known as **stair case**.

- The other means of transportation between the floors of a building, apart from stairs, are lifts ramps and moving stairs.
- Dog legged staircase was present at the working site.
- They provided two lift at the site with the opening dimension of 6’3”

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
131-6, PILCO Institutional Area  
Ghatapada, JAIPUR





### **What we learned from Staircase –**

We learned from staircase that we use it to go upper floor and down floor. It is used as an intermediate between two floors for transferring luggage.

### **SLOT – III (COLUMNS & BEAM)**



*Dr. Mahesh Bundele*  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
151-0, RILCO Institutional Area  
Sitapura, JAIPUR



Columns & Beams are load bearing structure which distributes the buildings load into different parts of columns and beam. We use it in each and every part of floors and the only intermediate between floors and foundation to transfer the load in frame structure buildings and in case of load bearing the walls are the intermediate to transfer load.

### **What we learned from Columns & Beam—**

We learned from columns & beam that we use them for load distribution. Columns & Beam bear the load of roof and these are most important part of the building.



### **SLOT – IV (R.C.C. ROOF)**

Reinforced Concrete Cement is a mixture of water cement and other admixture which is used with steels bars for greater strength. Mainly RCC is used for construction of floors.

- The grade of concrete which is being used at the site is M25 (1:1:2)
- The grade of Steel Bar used in RCC is Fe550

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
151-0, PILCO Institutional Area  
Ghatapada, JAIPUR

## SLOT – V (CONCRETE PUMPING MACHINE) –



Concrete Pumping machine is an automatic machine which mixes the admixtures of concrete in proper proportion automatically and provides uniform concrete mixture. This mixture is pumped from lower level to higher level with help of air pressure which reduces extra man power and efforts.

### What we learned from Concrete Pumping Machine


We learned from Concrete Pumping Machine that it is very helpful machine to reduce the time and effort in preparing mixture essential for construction. The maintenance of its machine is very important.



*Dr. Mahesh Bunde*  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
151-0, RILCO Institutional Area  
Ghatapura, JAIPUR

## List of Participants

<b>Poornima College of Engineering</b>		
<b>Department of Civil Engineering</b>		
<b>List of Students (Session 2017-18) - IV Year</b>		
<b>B. Tech. (Civil Engineering)</b>		
<b>S.</b>	<b>Enrolment ID /</b>	<b>Name of the Student</b>
1	PCE/CV/14/001	ABHISHEK KUMAR PATEL
2	PCE/CV/14/002	ADITYA SINGH CHAUHAN
3	PCE/CV/14/003	AJAY PAL SINGH RATHORE
4	PCE/CV/14/004	AMAN BHANDARI
5	PCE/CV/14/005	AMARDEEP MEENA
6	PCE/CV/14/006	ANKIT GARG
7	PCE/CV/14/007	ANKIT KUMAR KEDIA
8	PCE/CV/14/038	ANKITA
9	PCE/CV/14/008	ANUKALP MATHUR
10	PCE/CV/14/009	APURV BHATIA
11	PCE/CV/14/011	ASHISH BAGARIYA
12	PCE/CV/14/012	ASHISH KUMAR MEENA
13	PCE/CV/14/064	ASIF AHMAD AHANGER
14	PCE/CV/14/013	AYUSH KUMAR
15	PCE/CV/14/014	BHUMIKA MANDAWAT
16	PCE/CV/14/015	CHIRAG GARG
17	PCE/CV/14/016	DEEPAK JAIN
18	PCE/CV/14/017	DIGVIJAY SINGH MEENA
19	PCE/CV/14/018	GOURAV MEENA
20	PCE/CV/14/019	GOVINDA BAIRWA
21	PCE/CV/14/020	HARIOM SONI
22	PCE/CV/14/021	JAIDEEP KHATRI
23	PCE/CV/14/022	JITENDRA MEENA
24	PCE/CV/14/023	KALPANA KHOLWAR
25	PCE/CV/14/024	KAMALJEET
26	PCE/CV/14/025	KAUSHALENDRA SINGH JADAUN
27	PCE/CV/14/026	KESHAV RAJ SINGH BHATI
28	PCE/CV/14/027	KHYATI SETHI
29	PCE/CV/14/028	KRISHNA VAISHNAV
30	PCE/CV/14/029	KULDEEP BHASKAR

  
**Dr. Mahesh Bundele**  
 B.E., M.E., Ph.D.  
 Director  
 Poornima College of Engineering  
 ISI-6, FIIICO Institutional Area  
 Sitapura, JAIPUR

Department of Civil Engineering		
List of Students (Session 2017-18) - III Year		
B. Tech. (Civil Engineering)		
S.	Enrolment ID /	Name of the Student
1	PCE15CV001	ABHINAV KUMAR
2	PCE15CV002	ABHISHEK RATHI
3	PCE15CV003	ADITI BANSAL
4	PCE15CV004	ADITYA SHARMA
5	PCE15CV063	AJAY KUMAR
6	PCE15CV005	AJAY NIRANKARI
7	PCE15CV006	AKASH SHARMA
8	PCE15CV007	AKSHAY CHAUHAN
9	PCE15CV008	ALOK JINDAL
10	PCE15CV009	AMIT KUMAR SHRESTH
11	PCE15CV010	ASHISH SAINI
12	PCE15CV011	ASHU KUMAR RAO
13	PCE15CV049	ATUL KUMAR MEENA
14	PCE15CV012	BHARAT GURJAR
15	PCE15CV013	BHARATI
16	PCE15CV014	BHUMIKA JAIN
17	PCE15CV015	DHUL CHAND MEENA
18	PCE15CV016	DIVYA BHARDWAJ
19	PCE15CV017	DUSHYANT SINGH RATHORE
20	PCE15CV027	FAISAL ALI KHAN
21	PCE15CV018	HARIOM UPADHYAY
22	PCE15CV019	ISHTEYAQUE AHMAD
23	PCE15CV020	JAGDISH KUMAR
24	PCE15CV021	JAIWARDHAN DEORA
25	PCE15CV022	JATIN KANWAT
26	PCE15CV023	KAMLESH GAURANA
27	PCE15CV024	KISHAN KUMAR
28	PCE15CV025	MANJEET KUMAR
29	PCE15CV026	MANOJ BORANA
30	PCE15CV028	MOHMMAD TASLIM KHAN

  
**Dr. Mahesh Bundele**  
 B.E., M.E., Ph.D.  
 Director  
 Poornima College of Engineering  
 ISI-0, PIIICO Institutional Area  
 Sitapura, JAIPUR





# POORNIMA

## COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

### A REPORT ON INDUSTRIAL VISIT

**NAME OF INDUSTRY:** AIRTEL NETWORK OPERATING CENTER , MANESAR

**DATE & DURATION:** 29 AUG, 2017

**SEMESTER:** Vth Semester

### **LEARNING OUTCOMES:**

- Students will be able to understand communication and Networking techniques.
- Acquire knowledge about Airtel's networks spanning Mobile, DSL Broadband, M-Commerce, DTH, Enterprise Services, etc.
- Students will be aware about facility will enhance the Airtel's Network performance by observing end-to-end customer experience in near real time.
- Analyze data from more than 70 sources of Network Probes, Contact Centers and tactical facilities.

### **OUTCOMES:**

- Students understand the functioning of Airtel's networks spanning Mobile, DSL Broadband, M-Commerce, DTH, Enterprise Services, etc.
- Students understand the functioning of Airtel's Network performance by observing end-to-end customer experience in near real time.

### **About Airtel Network Operating Center (NOC):-**

First of its kind facility in India to monitor Airtel's networks spanning Mobile, DSL Broadband, M-Commerce, DTH, Enterprise Services, International Cables across its India and South Asia operations from a single location Earthquake proof facility designed specifically to serve as a national command center in case of emergencies and natural disasters Inaugurated by Shri Kapil Sibal, Hon'ble Minister of Communications and Information Technology.

- ☐ Equipped with cutting edge technology, facility will enhance the Airtel's Network performance by observing end-to-end customer experience in near real time.
- ☐ Will collate and analyze data from more than 70 sources of Network Probes, Contact Centers and tactical facilities.
- ☐ Houses a 3600 sq. feet LED wall, amongst the largest in the world.

Industrial visit was carried out at Bharti Airtel Ltd. On 29th August, 2017 especially for 5<sup>th</sup> semester students. The main objective behind the visit was to make student aware about communication and Networking techniques.

Along with two TPO Coordinator and 30-students left for visit at 6:30 a.m. and took about 7 hours to cover the distance. The company is located in Sector 8 in IMT Manesar, Gurugram.

*Dr. Mahesh Bunde*  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-6, FIIIC Institutional Area  
Ghatapada, JAIPUR

As we reached company, we were guided by Mr.Dipanshu kulshretha (Manager- Network) to the Network experience centre where an orientation of company was given by Mr. Rupen (H R manager) about history and how company was established. There were the discussions on the following points Since it was the networking centre of operations so The HR manager who had conversation with students around 45 minute in which only the topic were discussed like-Stock share market, taxation, pricing, marketing value, capital value (technical domain was not focused). Competition between the Reliance, Jio and Airtel Application of BTS Tower.

There was small discussion related to the Technical issue which are related to the engineering. After discussing with the HR manager, we were sent to the cafeteria for lunch. The lunch duration was around 45 minutes along with the employees. After lunch we went to the DTH centre. In the DTH centre they discussed about the DTH channels. In DTH centre they show the scaling of DTH and android DTH. We spent only 3 hours for industrial visit. It takes around 7.5 hours to return back to Jaipur at 12:10 AM. Total time spent for industrial visit 18 hours, but only 2 hour effectively utilized.

### LEARNING OUTCOMES:

- To provide qualitative embedded system solutions.
- To solve customers most complex innovations through a unique combination of expertise, analytics, deep industry insight , process excellence and a passionate workforce.
- To provide complete hardware, software, mechanical, testing, prototyping, certifications and manufacturing services.

### MAPPINGS WITH PO AND PSO:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1		-	-	-	-	-	-	-	3	-	-	-	-	-	3
CO2	-	-	-	-	-	-	-	-	3	-	-	-	3	-	2
CO3	-	-	-	-	-	-	-	-	-	-	3	-	3	-	2

Dr. Mahesh Bunde  
B.E., M.E., Ph.D.  
Director  
Peernima College of Engineering  
ISI-0, RILCO Institutional Area  
Ghatapada, JAIPUR

## GLIMPSES:



## LIST OF THE PARTICIPANTS:

Sr. No.	Reg. No.	Name	Phone No.	Father's Name
1	PCE15EC047	ISHIKA SHAKTAWAT	9460679404	Mr. JITENDRA SINGH SHAKTAWAT
2	PCE15EC043	GUNJAN BANSAL	9549713581	Mr. MUKESH KUMAR BANSAL
3	PCE15EC039	DIVYA KUMARI	8560945525	Mr. NALIN KUMAR
4	PCE15EC059	MRIGANKA CHATURVEDI	9828811701	Mr. NAND KISHORE CHATURVEDI
5	PCE15EC026	AYUSHI PARASHAR	9460017853	Mr. NIRANJAN KUMAR PARASHAR
6	PCE15EC009	ABHISHEK SONI .	8562058410	Mr. KISHAN LAL SONI
7	PCE15EC049	JITENDRA CHANDANI .	7732898332	Mr. TARA CHAND CHANDANI
8	PCE15EC052	KISHAN KUMAR .	8890172404	Mr. MOHANLAL
9	PCE15EC058	MOHIT KUMAR BHARGAV	8441997041	Mr. MAHAVEER PRASAD BHARGAV
10	PCE15EC057	MAYANK KUMAR SINGH	9910783059	Mr. MITHILESH KUMAR SINGH
11	PCE15EC068	PANKAJ KUMAR SHARMA	7597591508	Mr. CHATARBHUJ SHARMA
12	PCE15EC077	PRITHVIRAJ KASHYAP	9610376579	Mr. MUNINDRA NATH DEKA
13	PCE15EC084	RISHAB AGARWAL	9939499968	Mr. M L AGARWAL
14	PCE15EC085	RITWIK BHOWMICK	7023382249	Mr. PARTH BHOWMICK
15	PCE15EC089	SAPANA MAHAWAR	9529261875	Mr. RAMESH CHAND
16	PCE15EC095	SHIVALI PANWAR	7742104581	Mr. NARENDER PANWAR
17	PCE15EC107	Urvika Sharma	8239648408	Mr. JANARDAN PRASAD
18	PCE15EC111	TRISHA GUPTA	9462609452	Mr. SATISH GUPTA
19	PCE15EC116	VINAY POKHARNA	7597914150	Mr. MAHAVEER POKHARNA
20	PCE15EC117	VISHESTA GAUTAM	9636796657	Mr. YOGENDRA GAUTAM
21	PCE215EC019	KHUSHBOO CHHABRA	9414213594	Mr. MANDEEP KAKASH

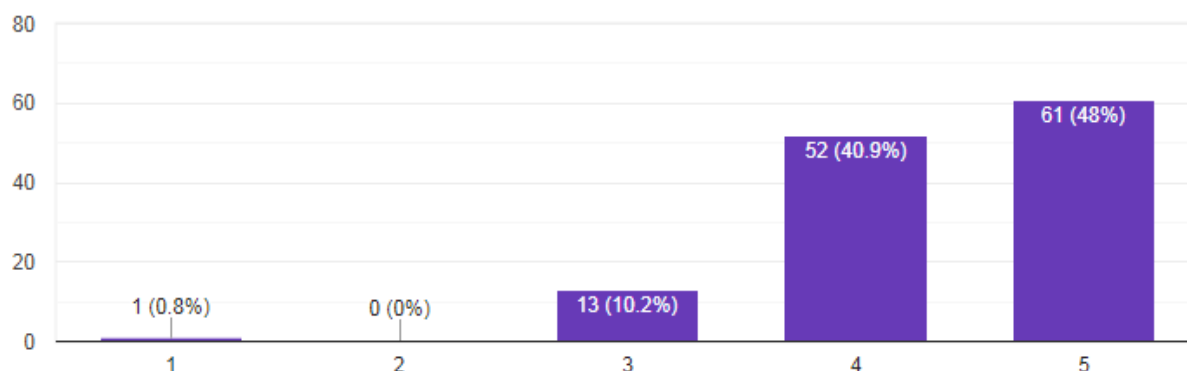


				CHHABRA
22	PCE215EC017	JYOTI SINGH	7734817750	Mr. TEJPAL SINGH CHAUHAN
23	PCE215EC003	PRATEEK	8107659414	PRITAM SINGH GAUTAM
24	PCE215EC016	MRADUL NAGPAL	9785965906	SHANKER LAL KUMAWAT
25	PCE215EC005	VIKAS DHANDA	9828064271	Mr. HARITESH KUMAR CHOUHAN
26	PCE215EC037	ESHA GUPTA	7062932379	Mr. MAHESH KUMAR BADOLIA
27	PCE215EC024	MOHIT MAHESHWARI	9799576815	Mr. VIMAL MAHESHWARI
28	PCE215EC047	SIDHARTH KULSHRESHTHA	9351480595	Mr. SANJEEV KULSHRESHTHA
29	PCE215EC027	VANDANA SONI	9571186772	Mr. MAHESH CHANDRA SONI
30	PCE215EC018	KALPIT MUDGAL	9413109196	Mr. MUKESH MUDGAL

## FEEDBACK /ASSESSMENT/ATTAINMENTS:.

How clear were the ideas and concepts which speakers presented?\*

127 responses



*Dr. Mahesh Bunde*  
B.E., M.E., Ph.D.  
Director  
Peernima College of Engineering  
151-0, PULCO Institutional Area  
Ghatapada, JAIPUR