



## Criteria 1.3 : Curriculum Enrichment

### Department of Instrumentation

#### 1.3.3 Percentage of students undertaking project work/ field work/ internships (Data for the latest completed academic year) -2022-23

- Number of students undertaking Project Work in their Final Year of Instrumentation =68
- Number of students undertaking Mini Project in Second & Third Year Levels in UG Programme = 65+68= 133
- Number of Students undertaking Internship =113
- Total No.of Students enrolled in 2022-23 in Instrumentation = 201

Formula:

$$\frac{\text{Number of students undertaking project work /field work / internships}}{\text{Total number of students}} \times 100$$

- Percentage of Students Undertaking Project Work/Field Work/Internships =  $(65+68+68)/201 = 100 \%$



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**Dr. (Mrs.) J. M. Nair**

M. Tech., Ph.D. (IIT-B)  
Principal


Ref. No.: VESIT/ JMN/ 1325/2023-24

Date: 26/10/2023

## TO WHOM SO IT MAY CONCERN

I, Dr. (Mrs.) Jayalekshmi M Nair, Principal (HOI), Vivekanand Education Society's Institute of Technology, do hereby state that the documents uploaded on NAAC portal are duly signed by Principal (HOI).

The additional documents uploaded on Institute's website (<https://vesit.ves.ac.in/>) are also authentic and does not need any extra validation.

  
**Dr. (Mrs.) Jayalekshmi M Nair**  
Principal  
Vivekanand Education Society's Institute of Technology  
Hashu Advani Memorial Complex,  
Collector's Colony  
Chembur, Mumbai, Maharashtra 400074





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Criteria 1.3.3 : Curriculum Enrichment

1.3.3 Percentage of students undertaking project work/ field work/ internships (Data for the latest completed academic year) -2022-23

### Department of Instrumentation

#### INDEX

Sr No	Activities	Page No
<b>A. Sample List of Students Undertaking</b>		
1	<a href="#">Internships 2022-23</a>	<a href="#">4</a>
2	<a href="#">Industrial Visits 2022-23</a>	<a href="#">11</a>
2	<a href="#">Field Projects (2022-23)</a>	<a href="#">28</a>
3	<a href="#">Mini Projects (2022-23)</a>	<a href="#">31</a>
<b>B. Samples of Completion Certificates</b>		
1	<a href="#">Internship Completion Certificates</a>	<a href="#">36</a>
2	<a href="#">Field Project Completion Certificates</a>	<a href="#">57</a>
3	<a href="#">Mini Project Completion Certificates</a>	<a href="#">60</a>
<b>C. Sample Communications &amp; Reports</b>		
1	<a href="#">Internship Communications &amp; Report</a>	<a href="#">63</a>
2	<a href="#">Industrial Visit Communications &amp; Report</a>	<a href="#">69</a>



# **Vivekanand Education Society's Institute of Technology**

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## **A 1-Sample List of Student Internships 2022-23**



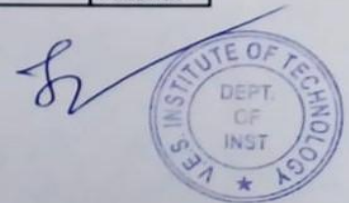


# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Department of Instrumentation Student Internships (2022-23)

Sr. No	Name of Students	Industry Name	Start Date	End date	Duration
1	JUKAR ISHAAN VIVEK	Internshala	10/6/2022	28/7/2022	6 weeks
2	SHAH DEVANSHI KAPIL	NM Automation & Control	14/6/2022	10/7/2022	45 days
3	Dubey Priyanshu Rajesh	AGV SYSTEMS	6/6/22	30/6/22	23 days
4	Avhad Viraj Vijay	Emerson	10/6/22	11/7/22	1 month
5	Pakhale Hrutika	Emerson Automation Solutions	10/6/22	11/7/22	1 Month
6	Pakhale Hrutika	DSP Logics	5/6/22	20/7/22	6 weeks
7	Pandey Vikas Rampratap	R. K. DUTT CONCERNS	4/6/22	20/6/22	17 days
8	Ukarande Prajakta Arun	Power Cubby	6/6/22	17/6/22	10 days
9	Gharat Srushti Sunil	RCF Ltd	6/6/22	30/6/22	25 days
10	Hirugade Omkar Satish	Internship at Learn and Build organization	6/6/22	8/7/22	1 months
11	Nair Nidhi	Coursera	31/10/2022	31/10/2022	2 hours
12	Naik Shriya Arvind	Rashtriya Chemicals and Fertilizers, Trombay	21/12/22	6/1/23	15 days
13	Aman Suresh Rajbhar	Coursera	10/2/23	25/2/23	40 hour
14	Rajbhar Aman Suresh	Coursera project network	31/12/22	31/12/22	2 hour
15	Naik Shriya Arvind	Coursera - University of Michigan	15/2/23	3/3/23	self paced
16	Naik Shriya Arvind	NPTEL	1/1/2023	27/2/23	4 weeks
17	Dutta Kinjal Subhash	R.K.Dutt	4/6/22	20/6/22	15 days
18	Kumbhare Raunik	NPTEL	1/1/2023	27/2/23	4 weeks
19	Kumbhare Raunik Laxman	Reliance Nagothane	6/6/22	26/6/22	20 days
20	Verma Rajnandini Rajesh Kumar	NPTEL	1/1/2023	27/2/23	4 weeks
21	Kamble Shreya Sudin	NPTEL	1/1/2023	27/2/23	4 weeks
22	Kamble Shreya Sudin	Internship in TEJ Controls Company Pvt. Ltd., Thane	9/12/22	30/12/22	1 month





# Vivekanand Education Society's Institute of Technology

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23	Monye Ahmad Abbas	NPTEL	1/1/2023	27/2/23	4 Weeks
24	Kharsamble Aishwarya Avinash	Rashtriya chemical fertilizers (RCF)	13/12/22	3/01/23	21 days
25	C S LAKSHMI SUNDARAM	NPTEL	1/1/2023	27/2/23	4 weeks
26	Pranav Sandip Patil	Udemy	16/8/2022	18/8/2022	11.5 hours
27	Bhoir Piyush Sunil	NPTEL	1/1/2023	27/2/23	4 WEEK
28	BHOIR PIYUSH	BEC CHEMICAL PVT LTD	5/12/22	5/1/23	1 MONTH
29	Pawar Kshitij Vinod	Bharat Petroleum Corporation Limited	13/12/22	6/1/23	22 days
30	Gawde Anish Shivram	NPTEL	1/1/2023	27/2/23	1 month
31	Nandita Jadia	python for DataScience	1/1/2023	27/2/23	4 weeks
32	DHAMAL JAGRUTI SANTOSH	NPTEL	1/1/2023	27/2/23	4 WEEKS
33	DHAMAL JAGRUTI SANTOSH	RK DUTT CONTROLS	15/12/2022	30/12/22	15 DAYS
34	Dhome Mayur Ranganath	NPTEL Course	1/1/2023	27/2/23	4 weeks
35	Parvez Firoz Khan	IMPETUS TECHSOFT	22/12/22	7/1/23	17 days
36	Parvez Firoz Khan	Hempronics systems Pvt. Ltd and B And R industrial Automation Pvt. Ltd	12/12/22	21/12/22	9 days
37	Aaditya Dipak Gurav	Udemy	20/8/22	22/8/22	11.5 Hour
38	Gharat Srushti Sunil	RCF Ltd			25 days
39	Suja Ravindran	ISA VESIT	24/9/22	24/9/22	2
40	Mhatre Ritiksha Ramesh	Rastriya Chemicals and Fertilizers	6/6/22	30/6/22	25 days
41	Vikas Pandey	RK DUTT CONCERNS	4/6/22	20/6/22	16
42	Shelar Krishna Vithoba	RCF	6/6/22	30/6/22	25
43	Anuj Shailesh Singh	Sierra instrumentation and controls	9/6/22	25/6/22	3 weeks
44	Parag Rajendra Coimbatore	Nice Consultancy	15/6/22	10/7/22	2 weeks
45	DAWARE ANUSHKA VIDYANAND	Perfect instrumentation	3/6/22	3/7/22	1 month
46	Gole Rakesh	NPTEL	1/1/2023	27/2/23	4 week

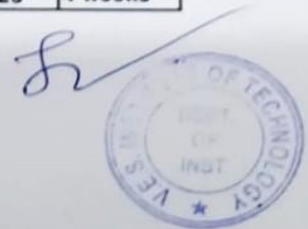




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47	Deshmukh Sarthak Ashok	RK Control Instruments	17/12/22	8/01/23	3 weeks 1 Day
48	Deshmukh Sarthak Ashok	NPTEL	1/1/2023	27/2/23	4 weeks
49	Gole Rakesh	Supreme petrochem ltd	5/12/22	4/1/23	1 month
50	Dhome Mayur Ranganath	NPTEL Course	1/1/2023	27/2/23	4 Weeks
51	Sawant Pradnya Gopalkrishna	RCF , Online Nptel Course (Python for Data Science)	21/12/22	6/1/23	In RCF - 15 days , Nptel Course - 4 weeks
52	Virajas tare	Impetus techsoft	22/12/22	7/1/23	20 days
53	Tare Virajas Anil	Academor	1/1/23	28/2/23	2month
54	Vaishnavi Devendragir Gosavi	RCF( Rashtriya chemicals and Fertilizers)	13/12/22	3/1/23	21 days
55	Monye Ahmad Abbas	Rashtriya Chemical and Fertilizers (RCF)	13/12/22	6/1/23	15 days
56	Monye Ahmad Abbas	Robotics and Automation	12/12/22	21/12/22	10 days
57	Monye Ahmad Abbas	B&R Academy	1/2/23	7/2/23	7 days
58	Lad Ritik Nilesh	TEJ Control Systems Pvt. Ltd.	9/12/22	30/12/22	3 weeks
59	Saloni Mane	Sudarshan Chemical Industry	13/6/22	13/7/22	1 month
60	Gharat Nidhi Anil	R.K Dutt Concerns	15/12/22	30/12/22	15 days
61	Koyande Anvita Abhay	Sierra Instrumentation and Control	22/12/22	30/12/22	2 week
62	Andhale Prathamesh Santosh	BOA Spot Camera	22/12/22	30/12/22	2 Week
63	David Joshua Cyril	BOA spot camera	22/12/22	30/12/22	2 week
64	Chinmalli Vedhant Sharanappa	BOA Spot Camera Tools	22/12/22	30/12/22	2 weeks
65	Pahuja Niraj Vijay	PANAM ENGINEERS LTD	20/12/22	5/1/23	15 Days
66	Dangle Sanket Avinash	BHABHA ATOMIC RESEARCH CENTRE	5/12/22	6/1/23	33 days
67	Monye Ahmad	Academor	1/12/22	31/1/23	2 months
68	Kulkarni Gaurav Rahul	BPCL	20/12/22	13/1/23	25 days
69	Parvez Firoz Khan	Python and Data	1/1/2023	27/2/23	4 weeks







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		science			
70	Rasal vinayak sambhaji	VESIT AIA CDC & B&R Industrial Automation	12/12/22	21/12/22	10 Days
71	Mukul Mahesh Raut	PANAM ENGINEERS LTD	20/12/22	5/1/23	15 Days
72	Vivek Pradeep Kolambekar	Rashtriya chemical and fertilizer limited	13/12/22	3/1/23	21 days
73	Singh Yashasvi Ajay	ONGC	8/12/22	8/1/23	30 days
74	Tanaya Gaikar	NPTEL	1/1/2023	27/2/23	1 month
75	Tanaya Gaikar	R. K. Dutt Concerns	15/12/22	30/12/22	15 days
76	Desai Tanvi Samir	Endress and Hauser	5/12/22	30/12/22	30 days
77	Kambale Shubham	NPTEL	1/1/2023	27/2/23	4 weeks
78	Gore Nikhil Dilip	NPTEL	1/1/2023	27/2/23	4 weeks
79	Kakade Siddhesh Satyawan	Siera instument	9/6/22	25/6/22	2 week
80	AyusH Subhash Bhoir	College internship training in RCF	15/12/22	14/1/23	30 days
81	Aditi Chaturvedi	RK DUTT	15/12/22	30/12/22	15 days
82	Tatkare Pranit Chandrakant	KEN chemical pvt.ltd	20/12/22	20/1/23	1 month
83	Aman Suresh Rajbhar	TeleNetworks technologies Pvt Ltd	20/7/2/23	27/2/23	7 days
84	Komte Prathmesh Ravindra	NPTEL	1/1/2023	27/2/23	4 weeks
85	Verma Rajnandini Rajesh Kumar	B&R Academy	1/2/23	7/2/23	7 days
86	Sawashe Bhakti Bhanudas	R.K. Dutt concerns, Thane	15/12/22	30/12/22	15 days
87	Patil shruti Mahendra	Tata institute of fundamental and research	15/6/22	30/7/23	5 & 6 semester
88	Sawashe Bhakti Bhanudas	Tata Institute Fundamental Research project	15/6/22	30/7/23	9 months
89	Kamble Shreya Sudin	Indian Space Research Organisation IIRS internship	17/1/23	28/1/23	12 days
90	Sawashe Bhakti Bhanudas	Participate in Solar Decathlon India Competition	3/7/222	4/8/22	1 month





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91	Patil Prajwal Umesh	RK Control Instruments	17/12/22	8/1/23	15 Days
92	Bhoir Piyush Sunil	BEC Chemicals pvt ltd	5/12/22	5/1/23	1 month
93	Kharsamble Aishwarya Avinash	Nice Consultancy	29/5/23	8/7/23	41 days
94	Kumbhare Raunik Laxman	RCF,Thal	1/7/23	15/7/23	15 days
95	Dhorme Mayur Ranganath	Nice Consultancy,Thane	29/5/23	8/7/23	40 Days
96	Kumbhare Raunik Laxman	NPTEL	1/1/2023	27/2/23	1 month
97	Kale bharat sujit	R.k controls	12/6/23	6/7/23	20 days
98	Gangurde Nandini Sanjay	RK CONTROLS	12/6/23	6/7/23	21 DAYS
99	KAVAL KUMAR KHUT	National institute of electronic & information technology Calicut,Kerala / LearnWick Solutions p.Ltd.	5/1/23	5/3/23	2 month
100	Rajbhar Aman Suresh	Nice consultancy, TeleNetworks Technologies	29/5/23	8/7/23	41 days
101	Chaturvedi Aditi	NPCIL MUMBAI	6/6/23	6/7/23	30 days
102	PATIL KUNAL GAJANAN	Nice Consultancy	29/5/23	8/7/23	2 MONTHS 8 DAYS
103	Sawant Pradnya Gopalkrishna	Sierra Instrumentation & Controls	12/6/23	28/6/23	15 days
104	Patil Prajwal Umesh	Sierra Instrumentation & Controls	12/6/23	28/6/23	15 days
105	Tare Virajas Anil	Impetus Techsoft	22/12/22	7/1/23	20 days
106	Tare Virajas Anil	Sierra instruments and control	12/6/23	28/6/23	3 weeks
107	Sayyed Sumaiya	TATA Power	12/12/22	13/01/23	4 weeks
108	Chavan Vedang Nitin	Sierra Instrumentation & Control	12/6/23	28/6/23	1 month
109	Gharat Nidhi Anil	RCF	1/06/23	30/6/23	1 month





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110	Naik Shriya Arvind	Emerson Process Management India	1/6/23	30/6/23	1 month
111	Mandhane Om Deepak	Udemy	23/9/23	1/10/23	57 hours
112	Mandhane Om Deepak	Udemy	27/8/23	27/8/23	2 hour
113	Mandhane Om Deepak	Udemy	22/4/23	22/4/23	7.5 hours





# **Vivekanand Education Society's Institute of Technology**

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## **A 2-Sample List of Industrial Visit 2022-23**





# Vivekanand Education Society's Institute of Technology

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## हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार उपक्रम) रजिस्टर्ड ऑफिस : 17 जमशेदजी टाटा रोड, मुंबई-400 020.

**HINDUSTAN PETROLEUM CORPORATION LIMITED**

(A Government of India Enterprises) Registered Office : 17, Jamshedji Tata Road, Mumbai - 400 020.

सेवा मे : वाशी टर्मिनल, प्लॉट नं. डी - 99, टी.टी.सी. इन्डस्ट्रियल एरिया, म. औ.वि.मं. नवी मुंबई - 400 705.

दूरभाषा : 27610226, 27670103 / 04 / 05 फॅक्स : 27670439

REPLY TO : VASHI TERMINAL : PLOT NO. D-99 T.T.C. INDUSTRIAL AREA OF MIDC NAVI MUMBAI-400 705.  
PH.: 27610226, 27670103 / 04 / 05, FAX : 27670439

CIN NO. L23201MH1952GOI008858

Vivekanand Education Society's Institute of Technology, Chembur  
Department of Instrumentation

One Day Industrial Visit to HPCL Vashi Terminal

Subject: Analytical Instrumentation- Semester V- Date: 06/10/2022

Faculty Name: Mrs. Jayassre Ramakrishnan

Roll No	Name	Student's Signature
5	CHATURVEDI ADITI HARIPRAKASH SADHANA	
8	CHINMALLI VEDHANT SHARANAPPA	
9	DANGLE SANKET AVINASH	
10	DASURKAR SAQUIB IMTIAZ	
11	DAVID JOSHUA CYRIL	
12	DESAI TANVI SAMIR KAVITA	
14	DHAMAL JAGRUTI SANTOSH SHAILAJA	
15	DHOME MAYUR RANGANATH	
22	GORE NIKHIL DILIP ALKA	
23	GOSAVI VAISHNAVI DEVENDRAGIR	
27	KAMBALE SHUBHAM CHANDRAKANT	
30	KARKHANIS NEEL PANKAJ	
31	KATNENI GIRIBRAMHANAIU CHINNA LINGAIAH	AB
32	KHAN PARVEZ FERAZ	AB
34	KHARSAMBLE AISHWARYA AVINASH	
35	KOLAMBEKAR VIVEK PRADEEP	
37	KOYANDE ANVITA ABHAY ANUJA	
38	KULKARNI GAURAV RAHUL JYOTI	
39	KUMBHARE RAUNIK LAXMAN VAISHALI	





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## हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

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दूरभाषा : 27610226, 27670103 / 04 / 05 फेक्स : 27670439

REPLY TO : VASHI TERMINAL : PLOT NO. D-99 T.T.C. INDUSTRIAL AREA OF MIDC NAVI MUMBAI-400 705.  
PH.: 27610226, 27670103 / 04 / 05, FAX : 27670439

Vivekanand Education Society's Institute of Technology, Chembur  
Department of Instrumentation  
One Day Industrial Visit to HPCL Vashi Terminal  
Subject: Analytical Instrumentation- Semester V- Date: 06/10/2022

40	LAD RITIK NILESH	
41	MAHULKAR HITANSHU SHASHIKANT	
43	MONYE AHMAD ABBAS	
45	PAHUJA NIRAJ VIJAY	
46	PALANDE SHRUTI ANIL	
48	PATIL KUNAL GAJANAN SUNANDA	
51	PAWAR KSHITIJ VINOD MANGALA	
55	RASAL VINAYAK SAMBHAJI	
56	RAUT MUKUL MAHESH	
59	SAWANT PRADNYA GOPALKRISHNA DEEPTI	
61	SHINDE GANESH RAVINDRANATH	
62	SINGH YASHASVI AJAY	
63	SUHANDA MIHIR LALIT MALA	
67	UKIRDE PANKAJ DATTATRAYA	
69	VERMA RAJNANDINI RAJESH KUMAR PUSHPA	
70	Vinayak patil	
16	Tanaya Gaikar	

**Ashwin D. Kufil**  
DGM - Installation  
Vashi Terminal

अश्विन डी. कुर्ल / Ashwin D. Kufil

उप महासंचालक - संस्थापन

Deputy General Manager-Installation

हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लि.

Hindustan Petroleum Corporation Limited

वाशी टर्मिनल

Vashi Terminal



# Vivekanand Education Society's Institute of Technology

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# Vivekanand Education Society's Institute of Technology

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**Vivekanand Education Society's  
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10 BEST  
TECHNICAL  
INSTITUTES  
IN INDIA 2019

Arise, awake, and stop not till the goal is reached

 INSTITUTION'S  
INNOVATION  
COUNCIL  
University of Education Institute

 VESIT  
IIC

Under the guidance of Internal Quality Assurance Cell (IQAC)  
In Association with the Institution's Innovation Council (IIC)

DEPARTMENT OF AUTOMATION & ROBOTICS  
**Organizes**  
**One Day Industrial Visit**  
to  
**R. K. Control Instruments Pvt. Ltd.**  
Innovators in Control Valves  
&  
**R.K. Dutt Concerns**  
Innovators in Transducers  
**For Second Year Students**  
On  
**1<sup>st</sup> March, 2023**  
**Faculty Coordinators:**

**Mrs. Jayasree Ramakrishnan**                      **Dr. Kadambari Sharma**

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Hashu Advani Memorial Complex, Collector's Colony, Chembur (E), Mumbai - 400074. INDIA  
Tel. 022-61532532 Fax: 022-61532555 Email: [vesit@@ves.ac.in](mailto:vesit@@ves.ac.in)/principal.vesit@ves.ac.in,  
website: <https://ves.a.in/vesit/>



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**R. K. DUTT CONCERNS**  
EXCELLENCE THROUGH ENGINEERING  
LEVEL INDICATION, MEASUREMENT, CONTROL & TRANSMISSION



DATE: 1<sup>st</sup> March 2023.

## INDUSTRIAL VISIT

College: Vivekanand Education Society's Institute Of Technology, Chembur.

Batch A		
Roll No.	Name	Attendance
1	AYKAR SANJKAR RAJIV	
2	CHAVAN ANHDI	
3	DABHADE ATHARVA	
4	DANGE ADITYA ANIL	
5	DHALE VISHWAJEET SIDDHARTH	
6	GILL BALTEJ SINGH DEEYAN SINGH	
7	GONDHALI BHAVIK LILADHAR	
8	JAMBHULKAR VIVEK SURENDRA	
9	PATANGE OJAS PRASHANT	
10	PAYMODE HARSHAL PRALHAD	
11	SHIKHARE YASH MAHESH	
12	SINGH RAHUL CHANDRASHEKHAR	
13	SINGH VISHAL RAMSAJANSINGH	
14	SONI TEJAS SANJAY	
15	SUJA RAVINDRAN	
16	VISHWAKARMA JAYESH RAMKEWAL	
17	WALUNJ MANISHA SAKHARAM	
18	YADAV VISHAL JAGDISH	
19	AMBADE KUSHIKESH VINAYAK	
20	ANICH SHASHANK BHOGLE	
21	ANSARI EHSAN MOHD SAGHEER	
22	ARYAN ASHOK KHANDAGALE	
23	ATISHKAR BHARAT SINGH	
24	BAIT OM KISHOR KUMAR	
25	BAPAT KASTURI VINOD	
26	BAUSKAR PREM MAHESH	
27	BHERE SHREYAS PRASHANT	
28	BHOGTE ATHARV RAJESH	
29	BIND SATISHKUMAR RANSHILAL	
30	DAREKAR DEEP DILIP	
31	GANGADE KAMLESH DATTATRAY	
32	GANGURDE NANDINI SANJAY	
33	HRTIKET SANJAY GAWALI	

For R.K. Dutt Concerns

Authorized Signature



Channel Partner for SIEMENS Process Instruments

HO & Works: A-88, Road No. 18, Wagle Estate, Thane - 400 604, India  
Tel: ++91-22-6724 8787, ++91-22-2582 2541, Fax: ++91-22-6724 8777,  
E-mail: [psales@rkdutt.com](mailto:psales@rkdutt.com) Website: [www.rkdutt.com](http://www.rkdutt.com)





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**R. K. DUTT CONCERNS**  
EXCELLENCE THROUGH ENGINEERING  
LEVEL INDICATION, MEASUREMENT, CONTROL & TRANSMISSION



DATE: 1<sup>st</sup> March 2023.

## INDUSTRIAL VISIT

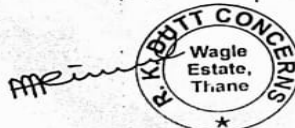
College: Vivekanand Education Society's Institute Of Technology, Chembur.

### BATCH B

Roll No.	Name	Attendance
34	HULE VAISHNAVI RAJU	<i>Vishal</i>
35	IBRAHIM ALI IBARAT ALI	<i>Ibrahim</i>
36	KADAM YASH SANJAY	<i>Yash</i>
37	KAMBLE VISHAL BABURAO	<i>Vishal</i>
38	KATKAR CHETAN SUNIL	<i>Chetan</i>
39	KAVAL KUMAR KHUT	<i>Kavay</i>
40	LAKDE OMKAR MANOJ	<i>Omkar</i>
41	MAHADIK NIKHILESH JITENDRA	<i>Nikhil</i>
42	MANDAVKAR SUSHANT SUBHASH	<i>Sushant</i>
43	MANNA ARUNKUMAR PRASANJIT	<i>Manna</i>
44	MOH GULFAM	<i>Moh</i>
45	MORE AKASH SAGAR	<i>Akash</i>
46	PADVAL AAKANKSHA MAHENDRA	<i>Aakanksha</i>
47	PANDA SHUBHAM LAMBODAR	<i>Shubham</i>
48	PARAB RIYA VIKAS	<i>Riya</i>
49	PATIL SAKSHI PRALHAD	<i>Sakshi</i>
50	PAWAR OMKAR SACHIN	<i>Omkar</i>
51	RASHID ZAHID SARANG	<i>Rashid</i>
52	RATHOD PRAKRUTI ARVIND	<i>Prakruti</i>
53	SAJJAN VISHAL SUNIL	<i>Sajjan</i>
54	SALVI SWAROOP VIDYADHAR	<i>Swaroop</i>
55	SANJEEV HARIKESH NISHAD	<i>Sanjeev</i>
56	SAYED SUMAIYA ZAKIRUDDIN	<i>Sumaiya</i>
57	SHAIKH AMAN LATIF	<i>Aman</i>
58	SHAIKH BUSHRAH MEHBOOB	<i>Bushrah</i>
59	SHAIKH RAYYAN MOTIUR RAHMAN	<i>Rayyan</i>
60	SHAIKH TABISH ALI RASHID ALI	<i>Tabish</i>
61	SHIRKE SUJAL SUDHIR	<i>Sujal</i>
62	SINGH ASHISH KUMAR MANISH KUMAR	<i>Ashish</i>
63	SUJIT BHARAT KALE	<i>Sujit</i>
64	TANDALE ARYAN DEEPAK	<i>Aryan</i>
65	TEJAS PRASHANT VARTAK	<i>Tejas</i>
66	YOGI ARYA MANISH	<i>Yogi</i>

For R.K. Dutt Concerns

Authorized Signature



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Tel: ++91-22-6724 8787, ++91-22-2582 2541, Fax: ++91-22-6724 8777,  
E-mail: [pisales@rkdutt.com](mailto:pisales@rkdutt.com) Website: [www.rkdutt.com](http://www.rkdutt.com)







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**RK CONTROL  
INSTRUMENTS**  
Mastering Flow Since 1960



Attendance for the IV on 1st march 2023

Batch A

Roll No.	Name	Attendance
1	AYKAR SANSKAR RAJIV	P
2	CHAVAN ANIDH	P
3	DABHADE ATHARVA	P
4	DANGE ADITYA ANIL	P
5	DHALE VISHWAJEET SIDDHARTH	P
6	GILL BALTEJ SINGH DILYAN SINGH	P
7	GONDHALI BHAVIK LILADHAR	P
8	JAMBHULKAR VIVEK SURENDRA	P
9	PATANGE OJAS PRASHANT	P
10	PAYMODE HARSHAL PRALHAD	P
11	SHIKHARE YASH MAHESH	P
12	SINGH RAHUL CHANDRASHEKHAR	P
13	SINGH VISHAL RAMSAJANSINGH	P
14	SONI TEJAS SANJAY	P
15	SUIJA RAVINDRAN	P
16	VISHWAKARMA JAYESH RAMKEWAL	P
17	WALUNJ MANISHA SAKHARAM	P
18	YADAV VISHAL JAGDISH	P
19	AMBADE RUSHIKESH VINAYAK	P
20	ANISH SHASHANK BHOGLE	P
21	ANSARI EHSAN MOHD SAGHEER	P
22	ARYAN ASHOK KHANDAGALE	P
23	ATISHKAR BHARAT SINGH	P
24	BAIT OM KISHOR KUMAR	P
25	BAPAT KASTURI VINOD	P
26	BAUSKAR PREM MAHESH	P
27	BHERE SHREYAS PRASHANT	P
28	BHOGTE ATHARV RAJESH	P
29	BIND SATISHKUMAR BANSHLAL	A
30	DAREKAR DEEP DILIP	P
31	GAINGADE KAMLESH DATTATRAY	A
32	GANGURDE NANDINI SANJAY	P
33	HRIKIKET SANJAY GAWALI	P

FOR R.K. CONTROL INSTRUMENTS PVT. LTD

*Savith Kumar*  
AUTHORISED SIGNATORY  
SAVITHKUMAR

R. K. Control Instruments Pvt. Ltd.  
Plot No. A - 250, Wagle Industrial Estate,  
Opp. Wagle Police Station, Thane 400 604,  
Maharashtra, India

Tel : +91-22-6606 0943  
E-mail : info@rkcipl.co.in  
Website : www.rkcipl.co.in

CIN : U29120MH1995PTC09236  
GSTIN : 27AABCR3021N1ZE



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**RK CONTROL  
INSTRUMENTS**  
Mastering Flow Since 1969



Attendance for the IV on 1st march 2023

BATCH B

Roll No.	Name	Attendance
34	HULE VAISHNAVI RAJU	Rajule
35	IBRAHIM ALI IBARAT ALI	Ibrahim
36	KADAM YASH SANJAY	Yash
37	KAMBLE VISHAL BABURAO	Vishal
38	KATKAR CHETAN SUNIL	Chetan
39	KAVAL KUMAR KHUT	Kaval
40	LAKDE OMKAR MANOJ	Lakde
41	MAHADIK NIKHILESH JITENDRA	Nikhilesh
42	MANDAVKAR SUSHANT SUBHASH	Sushant
43	MANNA ARUNKUMAR PRASANJIT	Manna
44	MOH GULFAM	Moh
45	MORE AKASH SAGAR	More
46	PADVAL AAKANKSHA MAHENDRA	Aakanksha
47	PANDA SHUBHAM LAMBODAR	Shubham
48	PARAB RIYA VIKAS	Riya
49	PATIL SAKSHI PRALHAD	Sakshi
50	PAWAR OMKAR SACHIN	Omkar
51	RASHID ZAHID SARANG	Zahid
52	RATHOD PRAKRUTI ARVIND	Prakruti
53	SAJJAN VISHAL SUNIL	Vishal
54	SALVI SWAROOP VIDYADHAR	Swaroop
55	SANJEEV HARIKESH NISHAD	Sanjeev
56	SAYED SUMAIYA ZAKIRUDDIN	Sumaiya
57	SHAIKH AMAN LATIF	Aman
58	SHAIKH BUSHRAH MEHBOOB	Bushrah
59	SHAIKH RAYYAN MOTIUR RAHMAN	Rayyan
60	SHAIKH TABISH ALI RASHID ALI	Tabish
61	SHIRKE SUJAL SUDHIR	Sujal
62	SINGH ASHISH KUMAR MANISH KUMAR	Ashish
63	SUJIT BHARAT KALE	Sujit
64	TANDALE ARYAN DEEPAK	Aryan
65	TEJAS PRASHANT VARTAK	Tejas
66	YOGI ARYA MANISH	Manish

FOR R.K. CONTROL INSTRUMENTS PVT. LTD

  
AUTHORISED SIGNATORY  
SAVITHKUMAR

**R. K. Control Instruments Pvt. Ltd.**  
Plot No. A - 250, Wagle Industrial Estate,  
Opp. Wagle Police Station, Thane 400 604,  
Maharashtra, India

Tel : +91-22-6606 0943  
E-mail : info@rkcipl.co.in  
Website : www.rkcipl.co.in

CIN : U29120MH1995PTC092360  
GSTIN : 27AABCR3021N1ZE





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 GPS Map Camera

**Thane, Maharashtra, India**

TF-35, Rd No 30A, Ambica Nagar, Wagle Industrial  
Estate, Thane West, Thane, Maharashtra 400604, India

Lat 19.201534°

Long 72.95524°

01/03/23 10:29 AM GMT +05:30

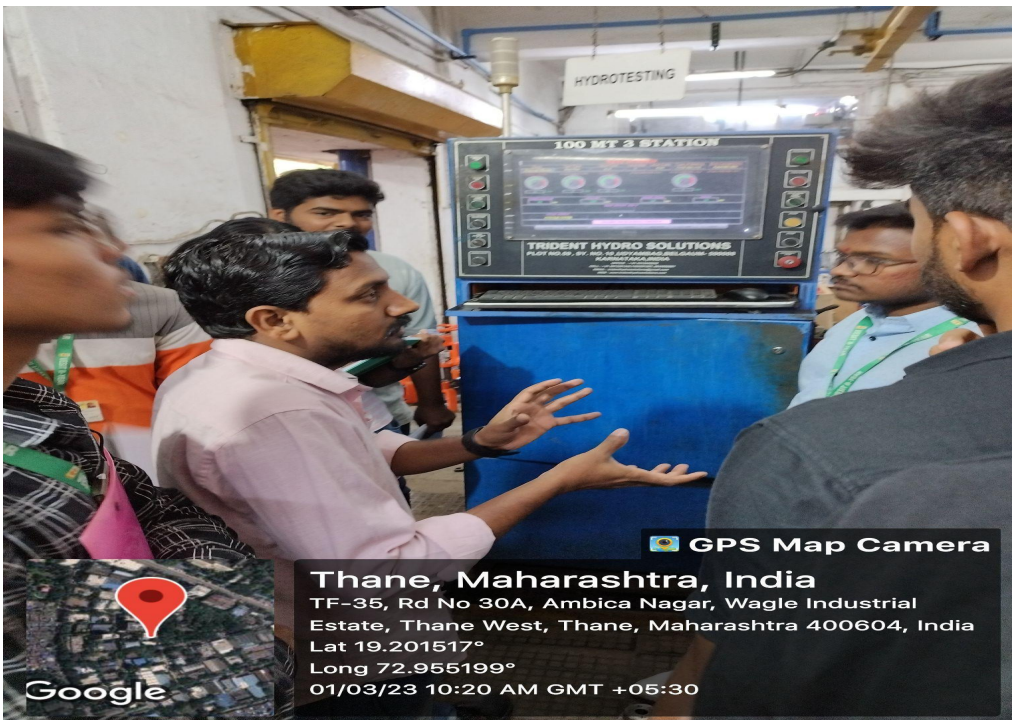
Google





# Vivekanand Education Society's Institute of Technology

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# Vivekanand Education Society's Institute of Technology

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## Poster for the Event

**Vivekanand Education Society's  
Institute of Technology**  
(Affiliated to University of Mumbai, Approved by AICTE and  
Recognised by Govt. of Maharashtra)

Arise, awake, and stop not till the goal is reached

INSTITUTION'S  
INNOVATION  
COUNCIL

VESIT  
IIC

Under the guidance of Internal Quality Assurance Cell (IQAC)  
In Association with the Institution's Innovation Council (IIC)

**DEPARTMENT OF AUTOMATION & ROBOTICS**  
Organizes  
**One day Industrial Visit**  
to  
**Emerson Automation Solutions**  
(Innovative Solutions For  
Functional Safety)  
**For Fourth Year Students**  
on  
**21<sup>st</sup> March, 2023**  
**Faculty Coordinator : Dr.(Mrs.) Nilima Warke**

Hashu Advani Memorial Complex, Collector's Colony, Chembur (E), Mumbai - 400074. INDIA  
Tel. 022-61532532 Fax: 022-61532555 Email: yesit@@ves.acin/principal.vesit@ves.ac.in,  
website: <https://ves.a.in/vesit/>





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We would like to thank Emerson Automation Solutions and Shilpa Pathara Ma'am (Training Instructor at Emerson Process Management) for having us for the Industrial visit and giving us an insightful and informative visit that gave us a glimpse into the world of industrial manufacturing.

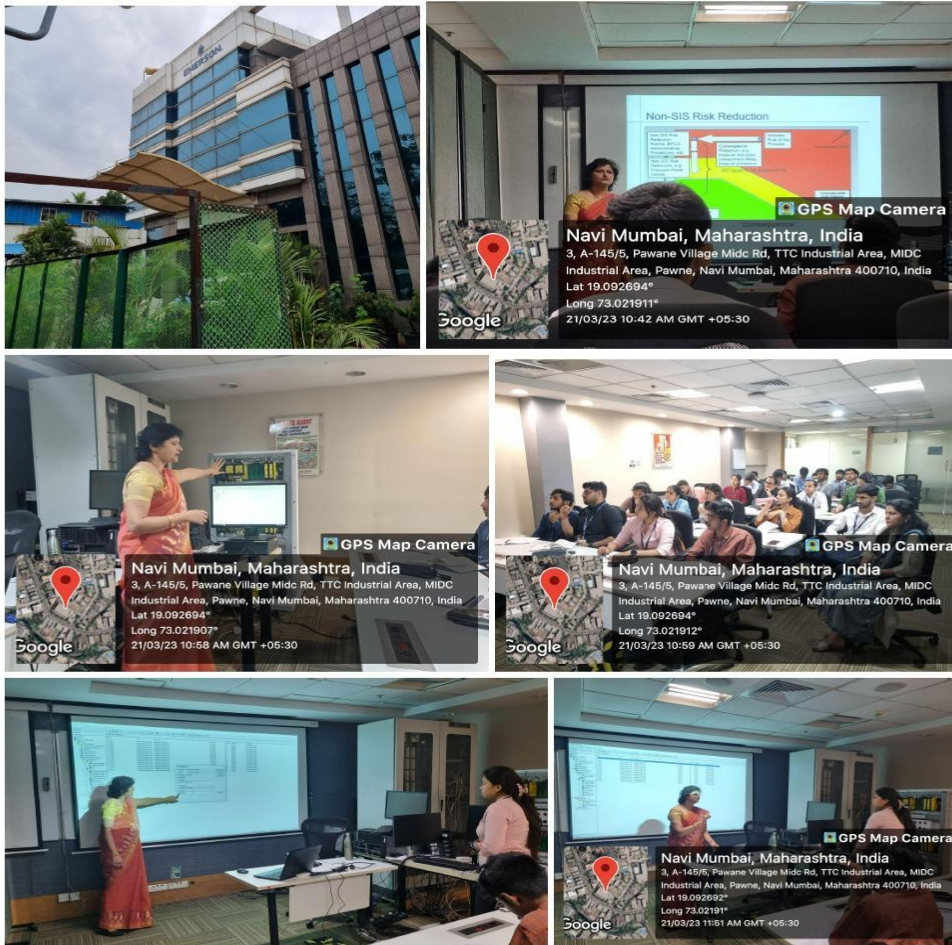
## Photographs





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Arise, awake, and stop not till the goal is reached

INSTITUTION'S  
INNOVATION  
COUNCIL

VESIT  
IIC

Under The Guidance of Internal Quality Assurance Cell (IQAC)  
In Association with The Institution's Innovation Council (IIC)

**DEPARTMENT OF AUTOMATION AND ROBOTICS  
Organizes  
Industrial Visit  
To  
KELLOGG'S INDIA PRIVATE LIMITED  
(INNOVATORS IN FOOD PROCESSING)  
For Third Year Students  
On  
Date :14<sup>th</sup> ,15<sup>th</sup> and 18<sup>th</sup> of April  
Faculty Coordinator  
Dr.(Mrs.)Kadambari Sharma**

Dr. (Mrs.) Sangeeta Prasanna Ram HOD - Automation & Robotics	Mrs. Deepti Khimani Deputy HOD - Automation & Robotics	
Shri. B.L Boolani Managing Trustee	Dr. (Mrs.) J. M. Nair Principal	Dr. (Mrs.) M. Vijayalakshmi Vice Principal

Hashu Advani Memorial Complex, Collector's Colony, Chembur (E), Mumbai - 400074. INDIA  
Tel. 022-61532532 Fax: 022-61532555 Email: [vesit@ves.ac.in](mailto:vesit@ves.ac.in) [principal.vesit@ves.ac.in](mailto:principal.vesit@ves.ac.in) ,  
website: <https://ves.a.in/vesit/>





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# Vivekanand Education Society's Institute of Technology

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# **Vivekanand Education Society's Institute of Technology**

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(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## **A 3-Sample List of Student Field Projects 2022-23**





# Vivekanand Education Society's Institute of Technology

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Vivekanand Education Society's Institute of Technology, Chembur				
FINAL YEAR INSTRUMENTATION ENGINEERING SEMESTER - VIII[C - 2019]				
Project Groups 2022-23				
Sr. No.	Group Member's Name	Project Title	Name of the project guide	No. of students
1	Hrutika Pakhale	Setup for Automatic Diabetic Retinopathy Detection	Dr.Sangeetha PrasannaRam	4
	Harsh Falak			
	Vinit Deshpande			
	Omkar Hirugade			
2	Gaurav Shailendra Govilkar	Soundlogger for Otological Studies	Prof.Kader Shaikh	4
	Madhura Satish Padge			
	Anuj Raina			
	Suraj Pralhad Hage			
3	Ishaan Sharma	Light Detection in Fibre optics	Dr.Kadambari Sharma	4
	Ayush Prabhu			
	Chinmayi Nigudkar			
	Samyak Pardhe			
4	Shetty Sohan	Inverted Pendulum	Prof.Deepti Khimani	4
	Nair Nidhi			
	Sayyed Shoaib			
	Shivangi Anand			
5	Pranav Sandip Patil	Smart Real-time Health Monitoring system	Dr.Nilima Warke	4
	Aaditya Dipak Gurav			
	Yash Tadkar			
	Parag Coimbatore			
6	Prajakta Ukarande	Automation in Hydroponics	Dr.Nilima Warke	4
	Anjali More			
	Vaidyanathan Natarajan			
	Sameer Vispute			
7	Rahul Sanjay Patil	Digital meter for Ultra capacitor	Prof.Jayshree R	4
	Shikha Rakesh Negi			
	Kamlesh Ravindra Patil			
	Spandan Rajesh Barsagade			
	Lingoji Ajay			
	Reshma Dhende			



*Handwritten signature and date: 28/7/2022*



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

8	Kinjal Dutta	Marine Automation	Prof.Jayshree R	4
	Siddhesh Jadhav			
9	Durvesh Padnekar	Multi Sensor Signal conditioning with IOT	Dr.Kadambari Sharma	4
	Ajinkya Waghmare			
	Fadhil Mohammad			
	Gaurav Bhogte			
10	Viraj Avhad	Machine overheat detector and temperature control	Prof.Mughdha J	4
	Rutvik Vedak			
	Sushant Upade			
	Aakanksha Kadam			
11	Shreesh Rao	200W Solar Panel Tracker	Prof.Mughdha J	4
	Mohit Bhoir			
	Nitish Sutar			
	Aditya Mohite			
12	Priyanshu Dubey	Non-invasive flowmeter	Prof.Kader Shaikh	4
	Siddhesh Kakde			
	Devanshi Shah			
	Saloni Mane			
13	Rahul Maurya	Design and implementation of single channel analyzer in nuclear application	Prof.Kanchan C	4
	Srushiti Sunil Gharat			
	Saniya Mahesh Mahajani			
	Ritiksha Ramesh Mhatre			
14	Simran Jadhav	Development of Lidar like systems to measure object distance	Prof.Kanchan C	4
	Aniruddha Mestry			
	Kaustabh Khavnekar			
	Anuj Singh			
15	Pandey Vikas	IOT based smart agriculture monitoring system	Prof. Gopalakrishnan	4
	Santosh Malik			
	Gaurang Meher			
	Samyak Pardhe			
16	Sanskar Halpati	Swarm Robot	Prof. Gopalakrishnan	4
	Prarik Waghmode			
	Vedant Halte			
	Ishan Udgirkar			
17	Kiran Surtar	Micromouse Robot	Prof. Gopalakrishnan	4
	Krishna Shelar			
	Shreya Gharat			
	Anushka Daware			
			Total No. of students	68



*S.A.*  
28/7/22



# Vivekanand Education Society's Institute of Technology

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## A 4- Sample List of Student Mini Projects 2022-23



# Vivekanand Education Society's Institute of Technology

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## THIRD YEAR INSTRUMENTATION ENGINEERING SEMESTER - V [C - 2019] Mini Project Groups 2022-23

SUBJECT NAME:- Mini Project – 2 A (ISM501)				
Sr. No.	Group Member's Name	Mentor	Project Title	No. of students
1	Rajnandini Verma	Prasad Godse	Pick and place using delta robot	4
	Shreya Kamble			
	Sureshk Rajpurohit			
	Tanvi Desai			
2	Vedhant Chinmalli	Prasad Godse	Carbon monitoring device.	4
	Saqib Dasurkar			
	Joshua David			
	Neel Karkhanis			
3	Ishaan Jukar	M.D.Patil	Safety instrumented system with PID control	4
	Harshali Gawade			
	Tanaya Gaikar			
	Anvita Koyande			
4	Niraj Pahuja	MD Patil	Arduino based magnetic flow meter	4
	Mukul Raut			
	Sanket Dangle			
	Ganesh Shinde			
5	Ayush Bhoir	Madhumati Khupse	Ball balancing by PID Implementation	4
	Rakesh Gole			
	Yashasvi Singh			
	Vivek Kolambekar			
6	Shriya Naik	Madhumati Khuspe	2-axis gimbal stabilizer	4
	Prathamesh Komte			
	Pradnya Sawant			
	Nikhil Gore			
7	Pankaj Ukirde	Deepti Khimani	Reprocessing of plastic waste	4
	Parvez Khan			
	Hitanshu Mahulkar			
	Vinayak Patil			
8	Mayur Dhome	Deepti Khimani	lot based smart vacuum cleaner	4
	Vaishnavi Gosavi			
	Ritik Lad			
	Shruti Palande			



*Jay*  
5/9/22

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# Vivekanand Education Society's Institute of Technology

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9	Mihir Suhanda Kunal patil Vedang Chavan	Deepti Khimani	Pong Game using Tang Nano 4k Board	3
10	Prathamesh Andhale Kshitij Pawar Aditi Chaturvedi Jagruti Dhamal	Prasad Godse	Solar Scarecrow with Sound Sensing	4
11	Piyush Bhoir Shubham Kamble Pranit Talkare Vedhant Upadhye	Kadambari Sharma	PLC based car washing system	4
12	Nidhi Gharat Shruti Patil Bhakti Sawashe	Kanchan Chavan	Non Contact Type Tachometer For Speed (RPM) Measurement	3
13	Vinayak Rasal Himanshu Pandey	Dr. Mrs Nilima warke	Condition Monitoring of Rotating Machines	2
14	Gaurav Kulkarni Raunik Kumbhare Sanchit Mhadgut Anish Gawade	Mr.N.Gopalkrishnan	4 DOF Helicopter	4
15	Virajas Tare Ahmad Monye Prajwal Patil Kajal Ghusale	Kader Shaikh	PLC based Bottle filling system	4
16	Aishwarya Kharsamble Akshay Jangam Viraj Kharade Omkar Sagavekar	Sangeeta PrasannaRam	Nano Drone	4
17	C S Lakshmi Nikhil Chhabrira Sarathak Deshmukh Nandita Jadia	Sangeeta Prasannaram	Design of sEMG signal acquisition and processing circuit	4
18	Chinmay Tare Aman Rajbhar Siddhesh Kangane Viraj Pawar	Sangeeta Prassanaram	Motion controlled pick & place robotic arm	4
			Total No. of students	68



Jay  
5/9/22





# Vivekanand Education Society's Institute of Technology

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AY- 2022-23-SECOND YEAR INSTRUMENTATION ENGINEERING SEMESTER - III [C - 2019] Mini Project Groups				
SUBJECT NAME:- ISM401 Mini Project – 1 B				
SR NO	GROUP MEMBERS	Project Guide	Project Title	No. of students
1	Sanskar Aykar Anidh Chavan Aditya dange Vivek Jambulkar	Mr. Kader B T Shaikh	Portable sound logger	4
2	Atharva Dabhade Vishwajeet Dhale Vishal Singh Tejas Soni	Dr. Nilima V Warke	Waste classification (continued from Sem III)	4
3	Baltej Gill Bhavik Gondhali Ojas Patange	Mr. Prasad Godse	Line following robot car (Continued from Sem-3)	3
4	Yash Shikhare Suja Ravindran Manisha Walunj Vishal Yadav	Dr. Sangeetha Prasanna Ram	Non-invasive Glucometer (continued from sem-3)	4
5	Harshal Paymode Rahul Singh Jayesh Vishwakarma	Mrs. Jayasree Ramakrishnan	Arduino based	3
6	Kasturi Bapat Prem Bauskar Riya Parab Prakruti rathod	Mr. N Gopalkrishnan	Temperature controller using 8051 Microcontroller	4
7	Rushikesh Ambade Chetan Katkar Arya Yogi Om Bait	Mr.N Gopalkrishnan	A Volunteer in the kitchen	4
8	Rayyan Shaikh Tabish Shaikh kavalkhut Arun Manna	Mr. Kader Shaikh	Iot based home automation system (continued from Sem III)	4
9	Sujit kale sushant mandavkar swaroop salvi sujal shirke	Mrs. Deepti Khimani	Measurement using Ultrasonic sensor and arduino	4



7/10/22



# Vivekanand Education Society's Institute of Technology

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10	Nandini Gangurde	Mrs. Mugdha J	Water level & Temperature Detector	3
	Omkar Lagde			
	Atharv Bhogte			
11	Atishkar Singh	Dr. M D Patil	Temperature Control Using Digital PID Controller (continued from Sem III)	4
	Aakanksha Padval			
	Yash Kadam			
	Sakshi Patil			
12	Vaishnavi Hule	Mrs.Kanchan Chavan	Study of Contact and Non-Contact type Temperature Sensors (continued from Sem III)	4
	Aryan Khandagale			
	Rashid Sarang			
	Tejas Vartak			
13	Ansari Ehsan mohd	Dr. Kadambari Sharma	Arduino based Home security system	4
	Shreyas Bhare			
	Sanjeev Nishad			
	Aman Shaikh			
14	SHUBHAM PANDA	Mrs.Kanchan Chavan	Source & Receiver for Non contact devices	4
	BUSHRAH SHAIKH			
	ASHISH SINGH			
	MANNAN WALILEY			
15	IBRAHIM ALI	Dr. Kadambari Sharma	Solar Tracking System	4
	SUMAIYA SAYED			
	ARYAN TANDALE			
	MOH GULFAM			
16	Kamlesh gaingade	Dr. Nilima V Warke	Smart Irrigation System	4
	Deep Darekar			
	Anish bhogle			
	omkar pawar			
17	Akash more	Mrs. Madhumati Khupse	Smart Stick For Blind	4
	Satish bind			
	Hritiket Gawali			
	Vishal sajan			
			Total No. of students	65



*[Handwritten Signature]*  
7/10/22



# Vivekanand Education Society's Institute of Technology

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## B 1. Sample Internship Completion Certificates





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



10<sup>th</sup> July 2022

## INTERNSHIP CERTIFICATE

*TO WHOMSOEVER IT MAY CONCERN*

This is to certify that **Mr. DUBEY PRIYANSHU RAJESH** a student of **VIVEKANANDA EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY, CHEMBUR** has successfully completed the internship at **AGV SYSTEMS PVT LTD.** from **6<sup>th</sup> June 2022 to 30<sup>th</sup> June 2022.**

During internship, the tasks defined to him were executed meticulously and diligently. He has patiently understood the system of our work and has put in his analytical mind to solve some of our issues related to operations.

We wish him every success in life.

For agv systems pvt. ltd.

*H. Dulkar*  
10/07/2022



agv systems p. ltd

F-2, F wing, Udyog Bhavan 2, Plot No. K-1, Additional MIDC,  
Village Jambivali, Ambernath (East), Thane - 421506, INDIA

☎ +91-845-494-5852  
☎ +91-845-494-5874  
✉ admin@agv-systems.in

PAN : AAHCA3727G  
GST No : 27AAHCA3727G1ZR  
CIN No : U74900MH2008PTC188135

invest innovate inspire



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



## SUPREME PETROCHEM LTD

Village Amdoshi / Wangani, Wakan - Roha Road, Taluka : Roha, Dist. Raigad, Maharashtra - 402 106.  
Tel.: (02194) 222540 - 48 www.supremepetrochem.com

04<sup>th</sup> January 2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Rakesh Rajendra Gole** - Student of **Third Year (Degree – Instrumentation)** from **Dr. Vivekanand Education Society's Institute of Technology**, has successfully undergone Inplant Training at our Amdoshi Works from **05<sup>th</sup> December 2022 to 04<sup>th</sup> January 2023**. During this period, his conduct and performance was found to be Good. We wish him all the best for future endeavors.

for SUPREME PETROCHEM LTD

(ANAND S. WAGLE)

GENERAL MANAGER – HR, PR & ADMIN



Regd Office / Corporate Office : Solitaire Corporate Park, Bldg No.11, 5th Floor,  
167, Guru Hargovindji Marg, Andheri - Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 093, INDIA  
Tel.: (91-22) 6709 1900 Fax : (91-22) 4005 5681 Web : www.supremepetrochem.com



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



**PANAM ENGINEERS LTD.**

CIN:- U29120MH2004PLC147195

## INTERNSHIP CERTIFICATE

This is to certify that **Mr. MUKUL MAHESH RAUT** has successfully completed Internship for the period from **20th December 2022 to 5th January 2023.**

During the Internship he had general exposure to topics like: -

Basic technical information on Principals of Working, Material of Construction, Quality Assurance Criteria for Inputs and Finish goods, various National / International standards applicable for the following Products: -

- Compression Fittings,
- Instrumentation Pipe Fittings,
- Instrument Valves, Manifolds & Other Accessories.

We wish him all the best for his bright future in the field of Instrumentation & Controls.

Regards.

For Panam Engineers Ltd



Umang Vekariya  
VP-Sales & Marketing  
Date: 09-01-2023



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**Rashtriya Chemicals and  
Fertilizers Limited**  
(Government of India Undertaking)



राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स  
लिमिटेड  
(भारत सरकार का उपक्रम)

वर्क्स : प्रशासनिक भवन, चेंबूर, मुंबई - 400 074  
WORKS : ADMINISTRATIVE BUILDING, CHEMBUR, MUMBAI - 400 074  
वेबसाइट / Website : www.rcfltd.com • CIN No. : L24110MH1978GOI020185

## HUMAN RESOURCE DEVELOPMENT DEPARTMENT

### INTERNSHIP CERTIFICATE

Name : Mr. Ahmad Abbas Monye  
Institution : Vivekanand Education Society's Institute of Technology  
Mumbai  
Discipline : Instrumentation Engineering  
Period of Training : 21/12/2022 to 06/01/2023  
Leave taken during training: Nil  
Off Days & Holidays : 2 days (25/12/2022 to 01/01/2023)  
Actual Training Days : 15 days  
Nature of Training : Study of Process Instruments in Urea Plant

### Report of Training

Aspects	Very Good	Good	Fair	Average	Below Average
1. Conduct	√	--	--	--	--
2. Punctuality	√	--	--	--	--
3. Knowledge	√	--	--	--	--
4. Interview Rating	√	--	--	--	--
5. Diary Rating	--	√	--	--	--

Internship has been imparted under the guidance of Mr. Sameer Purao, Chief  
Manager (Instrumentation) in Urea Plant.

Date: 06-01-2023

एन सी गजभिये  
21/12/2022  
(S. C. Gajbhiye)  
General Manager (HRD)  
एस. सी. गजभिये  
S. C. Gajbhiye  
महा प्रबंधक (मा. सं. वि.)  
General Manager (HRD)  
राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड  
Rashtriya Chemicals and Fertilizers Limited

पंजीकृत कार्यालय : "प्रियदर्शनी", ईस्टर्न एक्सप्रेस हाइवे, मुंबई - 400 022.  
REGD. OFFICE : 'PRIYADARSHINI', EASTERN EXPRESS HIGHWAY, MUMBAI - 400 022.





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Date: 07-Jan-2023

## INTERNSHIP CERTIFICATE

To : Whom it may concern

This is to certify that **Mr. Parvez Khan**, student of **Vivekanand Education Society Institute of Technology (VESIT)** has successfully completed internship in our company from 22<sup>nd</sup> Dec-2022 to 07<sup>th</sup> Jan-2023 under the guidance of Mrs. Megha Sawant.

During the period of his internship program with us, he had been exposed to the SCADA/HMI s/w of AVEVA Edge (Indusoft) and Mitsubishi PLC programming overview. He was found to be diligent, hardworking and inquisitive.

We wish him every success in his life and career.

For Impetus Techsoft Pvt Ltd,

Parag Sarang ( Director )



+91 98709 42584

+91 98673 29077



[sales@impetustechsoft.com](mailto:sales@impetustechsoft.com)  
[support@impetustechsoft.com](mailto:support@impetustechsoft.com)



GA44, Ground floor,  
Lake city mall,  
Kapurbawadi junction,  
Thane -400607



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

INTERNSHALA TRAININGS

## Certificate of Training

**Ishaan Jukar**

from Vivekanand Education Society's Institute of Technology has successfully completed a 6-week online training on **PLC Programming**. The training consisted of Introduction to Automation, Fundamentals of PLC, PLC Programming, Instructions and Operations, Control Systems and Case Study, and Final Training Project modules.

We wish Ishaan all the best for future endeavours.

Sarvesh Agarwal  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-07-28      Certificate no. : 2E8AE924-9983-CEE2-4229-184AE61FBFED

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड



साथ बढ़ें समृद्धि करी आते

### मानव संसाधन विकास केंद्र

थळ इकाई, अलिबाग-रायगड-402 208

## प्रमाणपत्र / Certificate

Name: - **MS. NIDHI ANIL GHARAT**

Institution: - **VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY, CHEMBUR.**

Branch: - **B.E (INSTRUMENTATION ENGINEERING)**

Period of Training: - **30 days** from: - **01.06.2023** to **30.06.2023**

Leave taken during Training: - **00 days**

Off days & Holidays: - **04 days**

Nature of Training: - **IN PLANT TRAINING IN UREA PLANT.**

**REPORT OF TRAINING**

	Excellent	Very Good	Good	Average
1. Conduct	✓			
2. Punctuality	✓			
3. Knowledge		✓		
4. Interview Rating		✓		
5. Report Rating			✓	

Special Remarks: - \_\_\_\_\_

Date: - 30-06-2023



विनायक पाटील  
Vinayak Patil  
उप महा प्रबंधक (मा.सं. प्रशासन)-२  
Dy. General Manager (HR, Admin) etc  
आरसीएफ लि., थळ  
RCF Ltd., Thal

*For and on Behalf of*  
**Rashtriya Chemicals and Fertilizers Limited**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

 **VESIT Automation Industry Association Competency Development Center  
(VESIT-AIA CDC)**   
In association with Advanced Training Cell (A&R/ETRX/EXTC)  
Supported by  
**Hempronics Systems Pvt. Ltd & B&R Industrial Automation Pvt.Ltd**

Vivekanand Education Society's Institute of Technology  
Hashu Adwani Memorial Complex, Collector's Colony, Chembur, Mumbai-400074

 **Proficiency Certificate** 

This is to certify that Mr./Miss AHMAD ABBAS MONYE  
has attended and successfully completed Workshop on  
"Robotics and Automation Systems" from 12th - 21st Dec 2022

  
Mr. Kader Shaikh  
VESIT-AIA CDC  
Co-ordinator

  
Mrs. Komal Marathe  
Director  
Hempronics Systems Pvt Ltd.

  
Dr.(Mrs.) Sangeetha P.Ram  
HOD (A&R)  
VESIT

  
Dr.(Mrs.) J.M.Nair  
Principal  
VESIT



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



## Certificate of Excellence

This Certificate is Presented To

*Hrutika Mahesh Pakhale*

For Overall Excellent Technical Performance during  
On-Line Internship of 6 Weeks duration (JUNE-JULY 2022).

e-Certificate No.: CDSP.CER.02\_OF\_02\_EXCEL.AWARD.YR.2022-23

Date: 17th August 2022

Email ID : [cdsp.logic@gmail.com](mailto:cdsp.logic@gmail.com)(\*For Authenticity of Certificate)

**Pravin P. Ambekar**  
Amb's C-DSP, Aurangabad  
(Maharashtra, India)





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



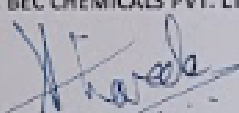
BCPL/HR/2022-23  
13<sup>th</sup> January 2023

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that, **Mr. Piyush Sunil Bhoir**, IIIrd Year, Bachelor of Engineering in Instrumentation Engineering, Student from Vivekanand Education Society's, Institute of Technology, Hashu Advani Memorial Complex, Collector's colony, Chembur, Mumbai-400074 whose specimen signature appears below has undergone in aspect of industrial training with us for the period from 05/12/2022 to 05/01/2023.

During this period of training **Mr. Piyush Sunil Bhoir**, was regular in attendance.

For, BEC CHEMICALS PVT. LTD.

  
ATUL ATHAVALE  
GM-HR & IR

  
Specimen Signature



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड  
(भारत सरकार का उपक्रम)

माहुल टर्मिनल, गवान पाडा, बी.डी.पाटील मार्ग, चेंबूर, मुंबई . 400 074.

**HINDUSTAN PETROLEUM CORPORATION LIMITED**  
(A Government of India Enterprise)

CIN : L23201MH1952GOI008858

MAHUL TERMINAL - GAVAN PADA, B.D. PATIL MARG, CHEMBUR, MUMBAI - 400 074.  
PHONE - 022 2507 6970 / 71 / 72

Date: 1<sup>st</sup> July, 2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, **Ms. Ahmad Abbas Monye**, student of BE – Instrumentation from 'Vivekanand Education Society's Institute of Technology', was engaged as **Project Trainee** at Mumbai Refinery 2 Terminal during period **29<sup>th</sup> May, 2023 to 1<sup>st</sup> July, 2023**

He has successfully completed the project – **Understanding of various process parameters & functioning of instruments, which control these process parameters in operating environment of Petroleum handling terminal.**

We wish him success in all future endeavor.

Heramb Vilas Khanvilkar  
Sr. Manager- Operations  
MR-2 Terminal

आय चस ओ 9001:2015 और आय चस ओ 14001 : 2015 प्रमाणित टर्मिनल  
An ISO 9001:2015 & ISO 14001 : 2015 certified Terminal





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड  
(भारत सरकार का उपक्रम)

माहुल टर्मिनल, गवान पाडा, बी.डी.पाटील मार्ग, चेंबूर, मुंबई . 400 074.  
**HINDUSTAN PETROLEUM CORPORATION LIMITED**  
( A Government of India Enterprise)

CIN : L23201MH1952GOI008858

MAHUL TERMINAL - GAVAN PADA, B.D. PATIL MARG, CHEMBUR, MUMBAI - 400 074.  
PHONE - 022 2507 6970 / 71 / 72

Date: 1<sup>st</sup> July, 2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, **Ms. Rajnandini Rajesh Kumar Verma** ; student of BE - Instrumentation from 'Vivekanand Education Society's Institute of Technology', was engaged as **Project Trainee** at Mumbai Refinery 2 Terminal during period **29<sup>th</sup> May, 2023** to **1<sup>st</sup> July, 2023**

She has successfully completed the project – **Understanding of various process parameters & functioning of instruments, which control these process parameters in operating environment of Petroleum handling terminal.**

We wish her success in all future endeavor.

Heramb Vilas Khanvilkar  
Sr. Manager- Operations  
MR-2 Terminal

आय यस ओ 9001:2015 और आय यस ओ 14001 : 2015 प्रमाणित टर्मिनल  
An ISO 9001:2015 & ISO 14001 : 2015 certified Terminal



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



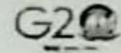
## न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड NUCLEAR POWER CORPORATION OF INDIA LIMITED

(एटान गवर्णर अउ टिउम A Govt. of India Enterprise)

एड्रेस: एड्रेस: 7th फ्लोर, नॉर्थ विंग, V.S. भवन, अरुणकनगर, मुंबई-400094

NPCIL, 7th Floor, North Wing, V.S. Bhavan, Arunshaktinagar, Mumbai - 400094

एन सी आई सीएन: U40104 MH 1987 GDI 149458



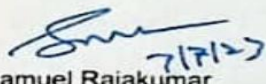
No. NPCIL/HR-T&TD/PW/2023/

July 07, 2023.

### C E R T I F I C A T E

This is to certify that **Ms. Tanaya Shallendra Gaikar**, 3<sup>rd</sup> year BE in Instrumentation Engineering from Vivekanand Education Society's Institute of Technology, Chembur, Mumbai - 400074, underwent internship/training in the Organisation from 06/06/2023 to 06/07/2023.

The subject of focus during the training/ internship period was "**Specifications and testing of Electronic Pressure transmitters**". It is further certified that during the period, the student was sincere and his conduct was satisfactory.

  
T. Samuel Rajakumar  
Sr. Manager (HRIS)

टी. सॅम्युअल राजकुमार / T. SAMUEL RAJA KUMAR  
वरिष्ठ प्रबंधक (मानव संसाधन) / Sr. Manager (HR)  
एन सी आई सीएन / Nuclear Power Corporation of India Limited  
एड्रेस: एड्रेस: 7th फ्लोर, नॉर्थ विंग, V.S. भवन, अरुणकनगर, मुंबई-400094  
Vivekanand Education Society's Institute of Technology, Chembur, Mumbai - 400074



# Vivekanand Education Society's Institute of Technology

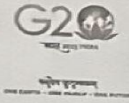
(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



## न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड NUCLEAR POWER CORPORATION OF INDIA LIMITED

(भारत सरकार का उद्यम A Govt. of India Enterprise)

एनपीसीआईएल, मुख्यालय, 7वां तल, नार्थ विंग, वि.सा.भवन, अणुशक्तिनगर, मुंबई-400094  
NPCIL, HQs, 7<sup>th</sup> Floor, North Wing, V.S. Bhavan, Anushaktinagar, Mumbai - 400094  
सी.आई.एन.सिन :U40104 MH 1987 GOI 149458



No. NPCIL/HR-T&TD/PW/2023/

July 06, 2023.

### C E R T I F I C A T E

This is to certify that **Ms. Aditi Hariprakash Chaturvedi**, 3<sup>rd</sup> year BE in Instrumentation Engineering from Vivekanand Education Society's Institute of Technology, Chembur, Mumbai - 400074, underwent internship/training in the Organisation from 06/06/2023 to 06/07/2023.

The subject of focus during the training/ internship period was "**Specifications and testing of Electronic Pressure transmitters**". It is further certified that during the period, the student was sincere and his conduct was satisfactory.

T. Samuel Rajakumar  
Sr. Manager (HRIS)

टी. सॅम्युअल राजा कुमार / T. SAMUEL RAJA KUMAR  
वरिष्ठ प्रबंधक (मा.सं.) / Sr. Manager (HR)  
एन पी सी आई एल. / Nuclear Power Corporation of India Limited  
वि.सा.भवन का उद्यम / A Govt. of India Enterprise  
7वां तल, नार्थ विंग, वि.सा.भवन, अणुशक्तिनगर, मुंबई - 400 094.  
Vikram Sarabhai Bhavan, Anushaktinagar, Mumbai - 400 094.





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## NICE CONSULTANCY

304, Capital C. H. S. Ltd., Ghantalidevi Mandir Road, Ghantali, Thane (West). 400 602

Mobile : 9820703695

email id : [nicecon@gmail.com](mailto:nicecon@gmail.com)

Date : 8<sup>th</sup>-July-2023

### TO WHOM SO EVER CONCERNED

We are Detailed Engineering Consultant specialised in Instrumentation Engineering for various process industries. This is to certify that **Mr Mayur Dhome** participated and completed the internship program with our enterprise from 29<sup>th</sup>-May-2023 to 8<sup>th</sup>-July-2023, during his summer vacation. He is studying Instrumentation Engineering in **Vivekanand Education Society and Institute of Technology, Chembur, Mumbai** and has appeared his third year examinations.

In the internship program, he has been exposed and made to understand to the following activities (activities done during detailed engineering of Instrumentation for the process industry) :

- P&IDs, Legend and Symbols.
- Instrument List
- Input / Output List
- Instrument Datasheets
- Instrument Hook Up diagram
- Instrument & JB Location Layout
- Instrument Cable Routing Layout
- Instrument Junction Box Schedule
- Instrument Cable Schedule

We hope that this internship would have given him an insight in Instrumentation and that she would have understood the importance of Instrumentation in process industry.

For NICE CONSULTANCY  
  
Proprietor



Rajesh V Shah

{Mob. : 9820703695}



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



## Certificate Of Internship

*Is Awarded to*

**Shriya Naik**

*In Recognition for the Successful Completion of Internship project titled  
'Distributed Control System' with Emerson Process Management  
India Pvt. Ltd from 01 June, 2023 to 30 June, 2023.*

Chitra Chhabra  
Director - Human Resources, Emerson India

04<sup>th</sup> July, 2023.

Date



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**Rashtriya Chemicals and Fertilizers Limited**  
(Government of India Undertaking)

**राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड**  
(भारत सरकार का उपक्रम)

वर्क्स : प्रशासनिक भवन, चेंबूर, मुंबई - 400 074  
WORKS : ADMINISTRATIVE BUILDING, CHEMBUR, MUMBAI - 400 074  
वेबसाईट / Website : www.rcfltd.com • CIN No. : L24110MH1978GOI020185

**HUMAN RESOURCE DEVELOPMENT DEPARTMENT**

**INTERNSHIP CERTIFICATE**

Name : Ms. Shriya Arvind Naik  
Institution : Vivekanand Education Society's Institute of Technology, Chembur, Mumbai  
Discipline : Instrumentation Engineering  
Period of Training : From: 21/12/2022 to 06/01/2023  
Leave taken during training: Nil  
Off Days & Holidays : 2 days (25/12/2022 & 01/01/2023)  
Actual Training Days : 15 days  
Nature of Training : Study of Instrumentation and Control in High Pressure Nitric Acid Plant (HPNA)

**Report of Training**

Aspects	Very Good	Good	Fair	Average	Below Average
1. Conduct	√	--	--	--	--
2. Punctuality	√	--	--	--	--
3. Knowledge	√	--	--	--	--
4. Interview Rating	√	--	--	--	--
5. Diary Rating	--	√	--	--	--

Internship has been imparted under the guidance of Mr. Sanjay Kumar S. Borase, Chief Manager (Inst.) in HPNA.

Date: 06-01-2023

(S. C. Gajbhiye)  
General Manager (HRD)  
एस. सी. गजभिये  
S. C. Gajbhiye  
महा प्रबंधक (मा. सं. वि.)  
General Manager (HRD)  
राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड  
Rashtriya Chemicals and Fertilizers Limited

पंजीकृत कार्यालय : "प्रियदर्शनी", ईस्टर्न एक्सप्रेस हाइवे, मुंबई - 400 022.  
REGD. OFFICE : 'PRIYADARSHINI', EASTERN EXPRESS HIGHWAY, MUMBAI - 400 022.





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Sierra

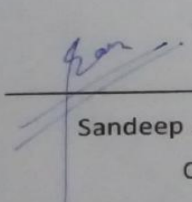
## Certification of Internship

This is to certify that **Mr. Vedang Chavan** Third year Degree Instrumentation candidate from **Vivekananda Education Society's institute of technology** has successfully completed internship program from **12<sup>th</sup> June 2023** to **28<sup>th</sup> June 2023** under company's factory Automation department.

During this period of internship program, he was found punctual, hardworking and inquisitive in all activities.

We wish him every success in his future endeavour.

Date - 28<sup>th</sup> June 2023

  
Sandeep .N. Rathi  
C.E.O

**SIERRA INSTRUMENTATION & CONTROLS**  
AB/14, Nandanvan Indi. Estate, L.B.S. Marg, Teen Hath Naka, Opp. Eternity Mall, Thane (W) 400604

[www.sierracontrol.com](http://www.sierracontrol.com)



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड**

  
साथ बढ़ें समृद्धि की ओर

**मानव संसाधन विकास केंद्र**  
थळ इकाई, अलिबाग-रायगड-402 208

**प्रमाणपत्र / Certificate**

Name: - **MR. RAUNIK LAXMAN KUMBHARE.**

Institution: - **VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY, CHEMBUR.**

Branch: - **B.E. INSTRUMENTATION ENGINEERING**

Period of Training: - **15 days** from: - **01.07.2023 to 15.07.2023**

Leave taken during Training: - **01 days**

Off days & Holidays: - **02 days**

Nature of Training: - **INPLANT TRAINING IN UREA PLANT.**

**REPORT OF TRAINING**

	Excellent	Very Good	Good	Average
1. Conduct	✓			
2. Punctuality		✓		
3. Knowledge		✓		
4. Interview Rating			✓	
5. Report Rating			✓	

Special Remarks: - \_\_\_\_\_

Date: - 15-07-2023

  
विनायक पाटील  
Vinayak Patil  
उप महा प्रबंधक (मा.सं., प्रशासन) -इ  
Dy. General Manager (HR, Admin) - II  
आरसीएफ लि., थळ  
RCF Ltd., Thal

For and on Behalf of  
**Rashtriya Chemicals and Fertilizers Limited**



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# Vivekanand Education Society's Institute of Technology

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## B 2-Sample Field Project Completion Certificates





# Vivekanand Education Society's Institute of Technology

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## CERTIFICATE

This is to certify that the project entitled **High Resolution Measurement of UltraCapacitor Characteristics** is a bonafide work of **Rahul Patil (46), Shikha Negi (37), Kamlesh Patil (44), Spandan Barsagade (02)** submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of **Undergraduate in Instrumentation Engineering**.

Mrs. Jayassre Ramakrishnan

Project Guide

Mrs. Sangeetha Prasanna Ram

Head of Department

Dr. J. M. Nair

Principal





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Project Report Approval for B. E.

This project report entitled **High Resolution Measurement Of UltraCapacitor Characteristics** by **Rahul Patil, Shikha Negi, Kamlesh Patil, Spandan Barsagade** is approved for the degree of Undergraduate in Instrumentation Engineering

Examiners

1. Jays
2. Prof. Nikam S.V. S.V.  
31/10/22

Date: 31/10/22

Place: VESIT, chembur





# **Vivekanand Education Society's Institute of Technology**

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## **B 3-Sample Mini Project Completion Certificates**



# Vivekanand Education Society's Institute of Technology

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## CERTIFICATE

This is to certify that the project entitled "**Color Sensor Based Mocktail Maker**" is a bonafide work of **Kajal Ghusale (20)**, **Ahmad Monye (43)** **Prajwal Patil (49)**, **Virajas Tare (65)**, submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of "**Undergraduate**" in "**Instrumentation Engineering**"

Mr. Kader Shaikh  
Project Guide

Dr. (Mrs.) J.M. Nair  
Principal







# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Project Report Approval for B.E.

This project report entitled "Color Sensor Based Mocktail Maker" by **Kajal Ghusale, Ahmad Monye, Prajwal Patil, Virajas Tare** submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of Bachelors of Engineering in Instrumentation.

Examiners:

1. Khajasi Kumbhar *KDK* *4/5/2023*
2. Kadu Shalch *[Signature]*

Date: 4/5/2023

Place: VESIT, Mumbai





# **Vivekanand Education Society's Institute of Technology**

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## **C 1-Sample Communications & Reports -Internships**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**Dr. (Mrs.) J. M. Nair**

M. Tech., Ph.D. (IIT-B)  
Principal

Ref. No.: VESIT/SP/INST/3023/22-23

Date: 29/05/2023

To,  
**HRDD**  
**Sierra Instrumentation and Controls**  
Thane.

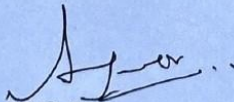
**Sub.:- Permission for "Summer Internship".**

This is to certify that –

- |                                     |                              |
|-------------------------------------|------------------------------|
| 1. Mr. ANDHALE PRATHAMESH SANTOSH   | 4. Mr. DAVID JOSHUA CYRIL    |
| 2. Mr. CHINMALLI VEDHANT SHARANAPPA | 5. Mr. JUKAR ISHAAN VIVEK    |
| 3. Mr. DASURKAR SAQUIB IMTIAZ       | 6. Mr. KARKHANIS NEEL PANKAJ |

are bonafide students of this college and presently studying in VI semester of Bachelor of Engineering (B.E.) in Instrumentation Engineering. They wish to undergo internship in **Sierra Instrumentation and Controls** after completion of VI Semester examination in May, 2023, (i.e. from 1<sup>st</sup> June, 2023 to 6<sup>th</sup> July, 2023). This will enhance their practical knowledge.

This letter is issued based on their request to get permission for a summer internship.

  
H.O.D.







# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Dr. (Mrs.) J. M. Nair  
M. Tech., Ph.D. (IIT-B)  
Principal

Ref. No.: VESIT/PG/INS/2939/22-23

Date: 13/05/2023

To,  
**DGM**  
**Hindustan Petroleum Corporation Ltd.**  
Capability Building, Petroleum House,  
17, J. Tata Road,  
Churchgate, Mumbai - 400 020.

**Sub.:- Permission for "Summer Internship".**

This is to certify that Mr. **MONYE AHMAD ABBAS** is a bonafide student of this institute and presently studying in VI semester of Bachelor of Engineering in Instrumentation Engineering branch. He wishes to undergo internship in **Hindustan Petroleum Corporation Ltd.** after completion of VI Semester examination in May, 2023, (i.e. from 29<sup>th</sup> May, 2023 to 1<sup>st</sup> July, 2023). This will enhance his practical knowledge.

This letter is issued based on his request to get permission for a summer internship.

For,  
  
13.5.23.  
**H.O.D.**



Hashu Advani Memorial Complex, Collector's Colony, Chembur, Mumbai - 400 074. INDIA.

Phone : +91 22 6153 2532 | Fax : +91 22 6153 2555 | Email : vesit@ves.ac.in / principal.vesit@ves.ac.in | Website : www.ves.ac.in/vesit



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**Dr. (Mrs.) J. M. Nair**  
M. Tech., Ph.D. (IIT-B)  
Principal

Ref. No.: VESIT/JR/INST/2959/2022-23

Date: 18/05/2023

To,  
HRDD  
**Nuclear Power Corporation of India**  
Chembur, Mumbai 400 074.

## Sub.:- Permission for "Summer Internship".

This is to certify that –

- |                                     |                                |
|-------------------------------------|--------------------------------|
| 1. Ms. GAIKAR TANAYA SHAILENDRA     | 4. Ms. PATIL SHRUTI MAHENDRA   |
| 2. Ms. DHAMAL JAGRUTI SANTOSH       | 5. Ms. KAMBLE SHREYA SUDIN     |
| 3. Ms. CHATURVEDI ADITI HARIPRAKASH | 6. Ms. SAWASHE BHAKTI BHANUDAS |

are bonafide students of this college and presently studying in VI semester of Bachelor of Engineering (B.E.) in Instrumentation Engineering. They wish to undergo internship in **Nuclear Power Corporation of India** after completion of VI Semester examination in May, 2023, (i.e. from 2<sup>nd</sup> June, 2023 to 2<sup>nd</sup> July, 2023). This will enhance their practical knowledge.

This letter is issued based on their request to get permission for a summer internship.

*for Jags*  
H.O.D.





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



## Atul Ltd

Atul 396 020, Gujarat, India  
contact@atul.co.in | www.atul.co.in  
(+91 2632) 230000 | 3261



HR | L&D | IPT | 347

June 06, 2023

Principal  
Vivekanand Education Society's  
Institute of Technology  
Mumbai, Maharashtra.

Dear Sir,

Greetings!

This is regarding your application for an internship to your student, Miss Tanvi Desai who is pursuing B.tech in Instrumentation and Control Engineering.

We will accommodate the student for an internship from June 08, 2023 to July 07, 2023. Mr Ankit Desai, Senior Manager – Polymers will be her guide during the internship.

It is also clearly understood that this letter does not constitute any direct or indirect offer of employment by our Company.

Please confirm by signing a copy of this letter that she will not communicate, transfer or divulge any information of the Company to any person | party, during or after the internship, without prior permission of the Company.

Thank you.

For Atul Ltd:

Registered office: Atul House, G I Patel Marg, Ahmedabad 380 014, Gujarat, India  
CIN: L99999GJ1975PLC002859



Latbhai Group





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**Dr. (Mrs.) J. M. Nair**

M. Tech., Ph.D. (IIT-B)

Principal

Ref. No.: VESIT/PG/INST/3135/2022-23


Date: 12/06/2023

To,  
HRDD  
IMA-PG India Pvt.  
Belapur - 400701

**Sub.:- Permission for "Summer Internship".**

This is to certify that Mr. **PARVEZ FIROZ KHAN**, Mr. **VIRAJ DINESH KHARADE** and Mr. **SIDDHESH SUNIL KANGANE** are bonafide students of this institute and presently given examination of VI<sup>th</sup> semester of Bachelor of Engineering in Instrumentation Engineering branch. They wishes to undergo internship in **IMA-PG India Pvt.** after completion of VI<sup>th</sup> Semester examination in May, 2023 (i.e. 13<sup>th</sup> June to<sup>nd</sup> 28 June, 2023). This will enhance their practical knowledge.

This letter is issued based on their request to get permission for a summer internship.

for,   
12.6.2023  
Prasad K. Godse.  
H.O.D.





# Vivekanand Education Society's Institute of Technology

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## C 2-Sample Communications & Reports-Industrial Visit



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Jayashree Ramakrishnan <jayashree.ramakrishnan@ves.ac.in>

## Visit of Students of VES Institute of Technology to Vashi Terminal Lab

Jayashree Ramakrishnan <jayashree.ramakrishnan@ves.ac.in> Tue, Sep 27, 2022 at 10:39 AM  
To: "Elencheran Kumar ( एलेनचेरन कुमार )" <ekumar@hpcl.in>, "Ashwin D Kuril ( अश्विन डी कुरील )" <kurilad@hpcl.in>  
Cc: "Ramakrishnan Subramanian ( रामकृष्णन सुब्रमण्यन )" <srkrish@hpcl.in>, Sangeeta PrasannaRam <sangeeta.prasannaram@ves.ac.in>

Dear Mr. Elencheran Kumar Ji and Mr. Ashwin D. Kuril Ji,  
Subsequent to my husband Mr. Ramakrishnan Subramanian's telecon with both of you, wish to visit Vashi terminal lab along with my third year-Semester V - Instrumentation Engineering students on 6th October afternoon session.

This visit has been planned to give practical industrial application and working of various Analytical spectroscopic techniques like Inductively Coupled Plasma Atomic Emission Spectroscopy, UV Fluorescence spectroscopy, and also about separation science techniques like GC , HPLC etc. We will be interested in visiting and learning about terminal automation -SCADA system also.

Around 35 students will be visiting the lab. Kindly give permission for the same .

Thanks and Regards,  
Jayassre Ramakrishnan,  
Assistant Professor,  
Instrumentation ,  
VESIT, Chembur,  
Mumbai



[Quoted text hidden]

अश्विन डी. कुरील / Ashwin D. Kuril  
उप महासंचक-संस्थान  
Deuty General Manager-Installation  
हिन्दुस्तान पेट्रोलेयम कॉर्पोरेशन लि.  
Hindustan Petroleum Corporation Limited  
वाशी टर्मिनल  
Vashi Terminal



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Jayashree Ramakrishnan <jayashree.ramakrishnan@ves.ac.in>

## Visit of Students of VES Institute of Technology to Vashi Terminal Lab

Ashwin D Kuril ( अश्विन डी कुरील ) <kurilad@hpcl.in> Mon, Oct 3, 2022 at 10:22 AM  
To: Jayashree Ramakrishnan <jayashree.ramakrishnan@ves.ac.in>  
Cc: "Ramakrishnan Subramanian ( रामकृष्णन सुब्रमण्यन )" <srkrish@hpcl.in>, Sangeeta PrasannaRam <sangeeta.prasannaram@ves.ac.in>, "Elencheran Kumar ( एलेनचेरन कुमार )" <ekumar@hpcl.in>, "Kailash Anant Borse ( कैलाश अनंत बोरसे )" <kailashaborse@hpcl.in>, "Janorkar Prachi Madhukar ( जनोरकर प्राची मधुकर )" <prachi.janorkar@hpcl.in>

Good Morning Madam,

Wish to confirm that planned visit can held on 6<sup>th</sup> October 2022 at HPCL Vashi Terminal premises.

Contact person from Terminal End will be Miss Prachi Janorkar.( Phone nos : 8379050283).

Thanks & Regards

आश्विन डी कुरील / Ashwin D Kuril

उप महाप्रबंधक संस्थापन वाशी टर्मिनल

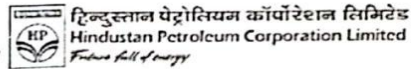
DGM Installation Vashi Terminal

Phone no : 9638716145

हिंदुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

Hindustan Petroleum Corp. Ltd.

अश्विन डी कुरील / Ashwin D Kuril  
उप महाप्रबंधक संस्थापन  
Deputy General Manager Installation  
हिंदुस्तान पेट्रोलियम कॉर्पोरेशन लि.  
Hindustan Petroleum Corporation Limited  
वाशी टर्मिनल  
Vashi Terminal



From: Jayashree Ramakrishnan <jayashree.ramakrishnan@ves.ac.in>

Sent: Tuesday, September 27, 2022 10:40 AM

To: Elencheran Kumar ( एलेनचेरन कुमार ) <ekumar@hpcl.in>; Ashwin D Kuril ( अश्विन डी कुरील ) <kurilad@hpcl.in>

Cc: Ramakrishnan Subramanian ( रामकृष्णन सुब्रमण्यन ) <srkrish@hpcl.in>; Sangeeta PrasannaRam <sangeeta.prasannaram@ves.ac.in>

Subject: Re: Visit of Students of VES Institute of Technology to Vashi Terminal Lab

Warning: External email, "Please open with Caution. Do not click on suspicious attachments or links".





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Report on Industrial Visit at HPCL  
Date: 6 October, 2022

An Industrial visit to "HPCL Vashi Terminal" Sampada, Navi Mumbai - 400706 was organized by Mrs. Jayshree Ramkrishnan of Analytical Instrumentation subject on Thursday, 6<sup>th</sup> October 2022. Thirty two students visited 2 facilities at HPCL to interact with Quality Control Dept. and Process Control Systems.

In the afternoon at 1:00 pm we visited to HPCL Vashi Terminal. As we entered we were offered lunch. After finishing with our lunch at approx. 1:45 pm our instructor at HPCL divided Thirty two students into 2 groups. We first visited Quality Control Laboratory. We were greeted with head of that QC Lab by Mr. Badse and 2 officers which gave us the tour of the laboratory.


The first equipment we saw was an Gas Chromatograph (GC) [GC-2030] and we were explained about the process of functioning and its specifications in brief detail. We also learned the purpose and need of such precise equipment. We learned about different types of column and detectors in this device. The price was exorbitant of these equipments. For Example: The price of just sample injector was around ₹ 35,000/- . We also learned different chemicals used for cleaning & for experimentation purposes.

contd...

FOR EDUCATIONAL USE

*Jay*

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# Vivekanand Education Society's Institute of Technology

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We also observed Waukesha Engines which were imported from USA and costed around 10 crores. The equipment was used to check the performance of engines under different types & concentration of fuels.

Then it was time to visit the process control room. When we reached the control room we were greeted by our instructor Miss Prachi. There we got to know that the foundation does storing and distribution of fuel using tankers. In the control room we observed the different status of process equipment with all the safety equipments and the process flow of the plant. The facility stores around 90 Thousand kilograms of fuels in its 3 storage tanks. There were 18 station at gantry at which tankes were refueled. The software used was not exactly SCADA system but a representation of one. The software was developed by Advanced System. We learned the process for the emergency shutdown process. Also many students had their doubts with the process flow which was resolved by Miss Prachi.

The visit ended after all questions was solved at around 4:00 pm. We gathered back at the security gate and collected our device and left with all doubts resolved.

*Jay*

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