

Vishnu Waman Thakur Charitable Trust's VIVA INSTITUTE OF TECHNOLOGY

APPROVED BY AICTE, NEW DELHI, DTE, GOVT. OF MAHARASHTRA AND AFFILIATED TO THE UNIVERSITY OF MUMBAL At. Shirgaon, Post Virar, Tal. Vasai, Dist. Palghar - 401305 Tel: 7770002544 Website: www.viva-technology.org

Department of Mechanical Engineering

Ref: VIVA/VIT/MECH/STUDENT/44/2021-22

Date : 01 04 2022

NOTICE

All the students of TE Mechanical Engineering are hereby informed that their Industrial Visit for the subject Heating, Ventilation & Air Conditioning and Refrigeration will be held at Ice Factory, Pachu Bandar, Vasai (W) at the following days.

Class	Day	Date	
TE-A	MONDAY	11/04/2022	
TE-B	TUESDAY	12/04/2022	

Kindly note: 1. Reporting time for visit is 9:30 am.

2. Everyone should be in formals and attendance is compulsory.

Prof. Chinmay Pingulkar IV Co-ordinator

Prof. Henisha Raut **IV Co-ordinator**

Prof. HOD'-Mechanical

Cc to: Notice Board

Vishnu Waman Thakur Charitable Trust's



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Department of Mechanical Engineering

FACULTIES ATTENDING THE INDUSTRIAL VISIT

Sr. No.	Name of Faculty	Date
1.	Prof. Mayur Jagtap	11/04/2022
2.	Prof. Mansi Lakhani	Monday
3.	Prof. Vinit Raut	
4.	Prof. Niyati Raut	12/04/2022
5.	Prof. Mayur Jagtap	Tuesday
6.	Prof. Pratik Raut	

Prof. Chinmay Pingulkar IV Co-ordinator

Prof. Henisha Raut IV Co-ordinator

Prof. Nyati Raut **HOD-Mechanical**

Cc to: Notice Board



Late Shri. Vishnu Waman Thakur Charitable Trust's

IVA Institute of Technology

Approved by AICTE, DTE and Affiliated to University of Mumbai

Shri. Hitendra V. Thakur President

Ms. Aparna P. Thakur Secretary **Dr. Arun Kumar** Principal

Ref. No. : VIVA / VIT / 1174 / 2021-22

Date: 01/04/2022

To, The Chairman, Ice Factory, Vasai Machhimar Sarvoday Sahakar Sanstha, Vasai (W), Dist-Palghar, Maharashtra.

Subject: Permission for two days visit to Ice Factory, Vasai (W).

Respected Sir,

VIVA institute of Technology established in the year 2009, nurtures the unique system of education for creating the dynamic leaders in corporate sector, entrepreneurs, academicians, researchers and professionals who contribute to the development of society and nation. The institute is affiliated to the University of Mumbai and approved by AICTE, New Delhi and DTE, Govt. of Maharashtra. It offers courses such as **Mechanical**, Electrical, Electronics and Telecommunication, Civil and Computer Engineering.

This institute believes in empowering the young students through rigorous curriculum, students participation in R & D, Mentor system, value added programs and strong industrial interface.

To enhance the knowledge in Heating, Ventilation, Air-Conditioning and Refrigeration, our students and faculty members are interested to visit your esteemed organization in 2nd week of April 2022 or as per your convenience preferably on 11th & 12th April 2022. Altogether there will be **146** students and **6** faculty members.

Kindly grant the permission to visit your reputed organization on 11th & 12th April'2022 as students will have their examinations after that.

With warm regards,



Yours faithfully,

0,1.4.2e22 Dr. Arun kumar Principal

VIVA Technical Campus, At. Post Shirgaon, Virar (East), Dist. Palghar - 401 305. Tel. :77700 02544 + Web Fax : 9122 3916 7294 + Website : www.viva-technology.org E-mail : contact@viva-technology.org / principal@viva-technology.org

Report on Industrial Visit

Industry Name: Ice Factory

Place of Visit: Pachu Bander, Vasai (W)

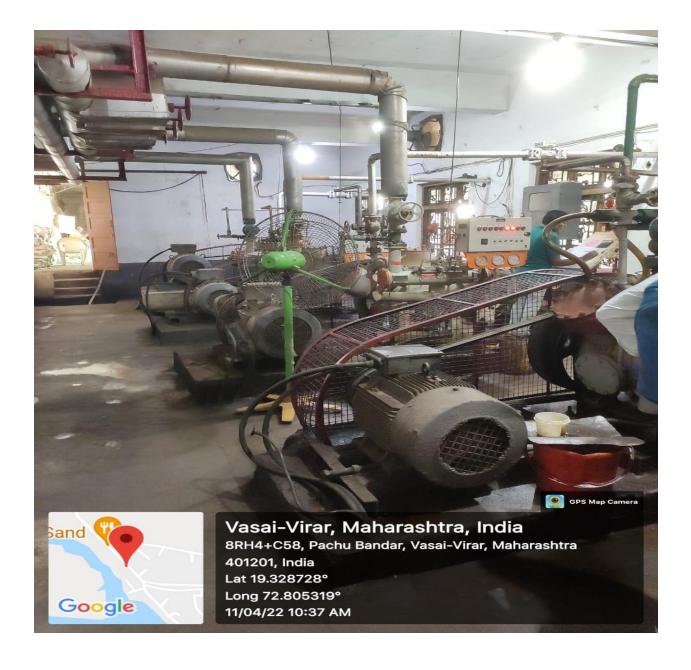
Date of Visit: 11th April and 12th April 2022

Department of Mechanical Engineering of VIVA Institute of Technology, Virar organized an Industrial Visit to "Ice Factory" at Pachu Bander, Vasai (W) for the subject Heating, Ventilation & Air Conditioning and Refrigeration (Sem VI). The visit was conducted for 2 days on 11th and 12th April 2022 and for 146 T.E. Mechanical Engineering students and 6 faculty members. 62 students from TE-A division and 3 faculty members attended the visit on 11th April 2022 and 63 students from TE-B division and 3 faculty members attended the visit on 12th April 2022.

The Ice plant consist of Ammonia Compressors, Condensers/Heat Exchangers, Ammonia Receiver, Cooling coil/Evaporator, Chilling tank, Paneling (Electrical equipments). The compressors used are suitable to operate with Ammonia and Freon refrigerant. They make use of water cooled condensers for condensing the refrigerant. The Ammonia receiver is used to prevent excessive liquid ammonia from staying in the condenser. The cooling coil evaporator is used as a heat transfer surface in which a volatile liquid is vaporized for the purpose of removing heat from refrigerated space. The chilling tank consist of ice tank, insulation of ice tank and ice block. The ice tank holds the cans, coils and the agitator which is insulated with twelve to eighteen inches of insulating material. The size of ice cans vary according to the requirement. Apart from these there are other electrical equipments like voltmeter, ammeter, temperature sensor etc. The ice produced is utilized in fisheries, chemical, pharmaceutical industries etc.







Vishnu Wannan Charltable Trust's VIVA Institute of Technology Shirgaon, Virar(East) Department of Mechanical Engineering Academic Year 2021-2022 CLASS:- TE- A (MECHANICAL)

INDUUSTRIAL VISIT TO ICE FACTORY

UCN No.	Name of the Student		11/4/2022	
	Name of the Student	Time	IN TIME	OUTTIME
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MAD2002	ΑΗΙΚΕ ΑΦΙΤΥΆ ΑΙΙΤ ΑΝΙΤΑ	. Contactor	18W	Mur
MA1903	ANSARI TAFSIR RAMZAN ZARINA		Jabir	Jadiz
MAD2004	AYRE NEERAJ NANDKISHOR NAMRATA		A	A
MAD 2005	BARI OMKAR SUBHASH SHUBHANGI BARI	14 1	OwBapa.	Ovraja.
MAISO	BHANGRE OMKAR AMRUT ANITA	i diadaa k	Aur	A
MA1807	BHARBHARE SACHIN KISAN LAXMAN NIRMA	LA	A	A
MA1808	BHATT HARSH VINOD JAYMALA	an a	J. Bratti	Sheet
MAD2009	BHINGUDE WANK ATESH GANPATI SANGEET	A A A	yarketest	, inprinting
MAD2010	BHOGADE SURAJ RAMDAS KASHI		Shough	Bound
MAD2011	BHOIR KUNAL ARVIND ARCHANA		K.A.Bhoir	K. A. Bhoir
MAD2012	BHUVAD RAHUL KASHIRAM SUSMITA	1. A.	Fehrend	Fineved
MA1913	BOGATI GYANENDRA AMARSINGH BHAGWA	ті	. 65	S.
MAD2014	CHAUHAN AAKASH PARESH SHEELA		alour	faros.
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MA1916	CHAVAN OMKAR VILAS VINITA		Aller	Orlow
MAD2017	CHIKHALE OMKAR VISHWANATH SUREKHA		A	A
MA1918	DATTANI KEYUR VINOD MAYURI	Con Const.	A	12
MAD2019	DEVGANIA RUCHIK BABU MANJU		12/2	RZ.
MAD2020	DHARSHE SIDDHESH SUNIL SHUBHANGI	di se di	A	A .
MAD2021	DHAS SUYASH LAXMAN JYOTI	et i i i i	A	A
MAD2022	DIAS SEON SANJU IDA	en Maria	4	\$
MA1923	DONGRE PRATHAMESH GOPAL RENUKA		(Pe	(Do
MAD2024	DORKAR DEVENDRA RAVI SUNITA		Bur	JAN-
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Vishnu Waman Charitable Trust's VIVA Institute of Technology Shirgaon, Virar(East) Department of Mechanical Engineering Academic Year 2021-2022 CLASS:- TE- A (MECHANICAL)

INDUUSTRIAL VISIT TO ICE FACTORY

UCN No.	Name of the Student	Date	11/4/2022	
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MAD2040	JAYSWAL RAVIKUMAR SWAMINATH RAJMATI	3	RS	Ros
MAD2041	JOHN SUJITH SAJI SUMÁ	2 62	Swith Joh	Sitte
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MA1843	KANDOLKAR AMAN TULSIDAS TEJASHREE	郡	A	A
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MAD2045	KANNOJIA AMARJEET RAMCHANDRA AASHA	12	Aught	Jourget.
MAD2046	KAWLI DHRUV KALPAK PRADNYA		Diven	Down
MAD2047	KHOT SAIRAJ VINAYAK VINAYA	C.L.	Juiret	1 Smith
MA1948	KINI MANGESH VISHW ANATH JAYVANTI	4	Mini	Makin
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MA1850 ',	KINI SAURABH SHASHIKANT SHITAL		AR II	Q.
MA1951	KOLI MANDAR HANUMANTA KAMALA	P	A	A
MAD2052	KOTKAR BHAVESH RAJENDRA RESHMI		Batker,	Botkan
MAD2053	KULKARNI ATHARVA MILIND AMITA		¥	Je la
MAD2054	MAJALKAR NIKHILESII SIDHARTH SIIRADDHA	Agen	Ne	Vitor
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MAD2056	MANE AADITYA ABHIMANYU ANJALI		Arlitzer	Alitype
• MAD2057	MANE NILESH BHASKAR SHILA		A	A
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MA1965	MISHRA AKASH SURYAPRAKASH ANITA		Jusin	Jan
MA1966	MOHD SAAD SHAMSHUL HUDA SHAMEEMA KHATO	ON	he	J.
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Vishnu Waman Charitable Trust's VIVA Institute of Technology Shirgaon, Virar(East) Department of Mechanical Engineering Academic Year 2021-2022 CLASS:- TE- B (MECHANICAL)

INDUUSTRIAL VISIT TO ICE FACTORY

UCN No.	Name of the Student	Date		2/4/2022
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MBD2004			1009	1 and
MBD2005	PANCHAL SHUBHAM ROHIT RUCHITA		q.	001.
MB1906	PANDEY AMAN SACHIN KUMAR SHAILY		for her	Part
MB1907	PANDEY NAVNISH RAJKUMAR SEEMA		And	Privile
MBD2008	PAREKH PARTH VINOD PRAVINA		to well	Varania
MBD2009	PARMAR ROHAN MAHENDRA BINA		AD - I	A
MBD2010	PATEL CHIRAG UMASHANKAR REKHA	-2	Charles	Place
MBD2011	PATIL ANIKET MANIKRAO MRUNALINI		di lit	Cherry .
MBD2012	PATIL ASHUTOSH ASHOK SHUBHANGI		A COL	(Abulas
MBD2013	PATIL BHAVESH JAYDEV DAMAYANTI		- Met	Alexan and a second
MBD2014	PATIL CHINAR SURESH APEKSHA		Dil	Orth
MBD2015	PATIL DHRUV KRUTIN TRUPTI		Aberry	Donat
MBD2016	PATIL ISHAN SANDEEP RESHMA		2. P. 4.1	Andital
MBD2017	PATIL NIRBHAY JAYVANT JYOTI		AN S	Film
MBD2018	PATIL SAARTH SANJAY SHIVANI	1	SPal 5	NAM
MBD2019	PATIL SAHIL VINOD PRAJAKTA		Lins	QUAD
MBD2020	/ PATIL SAYALI MILIND MANISHA		Freit	Travil
MBD2021	/ PATIL VAISHNAVI MANOHAR UJWALA		1 col	moale
MBD2022	/ PATIL VAISHNAVI SATISH NILIMA		Portes	hotel
MBD2023	PATIL VINIT AJIT SHOBHA		Tati	(hti)
MBD2024	PATIL YASH MOHAN SHOBHA		A	A
MBD2025	PENDURKAR VIRAJ MAHESH DIPTI		Pendurker	Vandener
MB1926	PHATAK ADITYA ATMARAM MINA		A	A
MB1927	PRASAD SHUBHAMRAJ RAKESH ANJU		A	A
MB1928	PRASAD VIJAY JAGDISH VIMLESH		A	A
MBD2029	RAHATE SANDEEP SANJAY SANJIVANI		Rahate	Robals.
MBD2030	RAI HIMANSHU ANIL PUSHPALATA	1	NI	Rus, '
MBD2031	RANE HRITIK SHRIKANT SHRUTIKA		Rit	A YFK
MBD2032	RANE KAUSTUBH ARJUN APURVA		Care	Port
MBD2033	RANJANKAR JAYESH DATTATRAY SHEETAL		A	A
MBD2034	RATHOD AKSHAT DINESH VARSHA		Reitlus	Restler
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Vishnu Waman Charitable Trust's VIVA Institute of Technology Shirgaon, Virar(East) Department of Mechanical Engineering Academic Year 2021-2022 CLASS:- TE- B (MECHANICAL)

INDUUSTRIAL VISIT TO ICE FACTORY

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UCN No.	Name of the Student	Date		4/2022
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MBD2039	SANKHE ADITYA HEMANT HEENA		and .	Blue
MBD2040	SAPKAL ROHIT RAVINDRA SUSHILA		Asarte	A OKal
MBD2041	SAWANT OMKAR RAVINDRA ANITA			2 P
MB1842	SAWANT RAJ RAVI RACHANA	•	0.80wave	6 Jawarros
MBD2043	SAWANT SIDDHESH MANOHAR SUNITA		Prof -	Xax.
MBD2044	SAYYED NAWAZ NISAR SHABANU		Sidnin	syons
MBD2045	SHAH KASHISH RAJESH SARASWATI		Nouroz	haws
MBD2046	SHAH VEDANT AJAY KAVITA		A	A
MBD2047	SHAIKH AFRAZ ILYAS RAHIMA		Xean	Relie
MBD2048	SHAIKH ANAS ABRAR FARIDA		Chains	phairie
MBD2049	SHAIKH MOHD FAISAL MALANG FARZANA		thes &	Anaso
MBD2050	SHIRKE SHUBHAM NATHURAM RAJESHREE			Kin
MBD2051	SIDDIQUE AFTAB FARUKH AMINA		AND AND	ALL T
MB1952	SINGH AJAY KUMAR RAKESH KUMAR YASHODA I	DEVI	1 For C	NO 1
MBD2053	SINGH SATYAM CHANDRESH USHA		likons	Chalusan .
MB1954	SOLANKI JALPESH JITENDRA PALLAVI		alger -	LINK 2
MBD2055	SRIVASTAVA RATNESHKUMAR BHUPENDRA ANJA	NI	A .	Superior
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MBD2059	TAMBE KAMLESH DADASAHEB SUREKHA		Dunce	Que
MB1960	TANDEL ASHISH SUHAS SHUBHANGI		A	Amin
MB1961	TARAL RUTIK RAVINDRA RANJANA		for	Rud
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MBD2064	THAKUR VEDANT SACHIN SANGEETA		Phaked	Abeth?
MB1965	TIWARI ABHISHEK OMPRAKASH PRAMILA		Aug	Ale
MBD2066	TRIVEDI PAREN RAJU NISHA		P.R. Thiredi	P.R. Trivedi
MBD2067	VAITY ANIKET PRAKASH POURNIMA		Aliculty	Raity
MBD2068	VARTAK CHINMAY ARUN BHUSHANA		Alastan	alotor
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Late Shri. Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

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Shri. Hitendra V. ThakurMs. Aparna P. ThakurPresidentSecretary

Dr. Arun Kumar Principal

Date: 12,4.202

Ref. No. : VIVA / VIT / 1245/2021-22

To, The Chairman, Ice Factory, Vasai Machhimar Sarvoday Sahakar Sanstha, Vasai (W), Dist-Palghar, Maharashtra.

Subject: Letter of Appreciation.

Respected Sir,

On behalf of Mechanical Engineering Department, VIVA Institute of Technology, we would like to extend our heartfelt appreciation for your time and effort for conducting a two day visit at Ice Factory on 11th & 12th April 2022. Our Students enhanced the knowledge in the subject of Heating, Ventilation, Air-Conditioning and Refrigeration. The time you dedicated to the event is highly appreciated not only by students but also by the faculties who attended.

We also want to thank you for your contributions for making the event successful. The assistance and effort you gave was tremendously remarkable. We hope that you will continue your great work in teaching students like us in dealing with these matters in future too.

Thanking you,

वसई मचिउमार सर्वोदय सहकारी संस्था मर्यादित पानुबंदर, वसई,



Yours faithfully,

Dr. Arun Kumar

Principal

VIVA Technical Campus, At. Post Shirgaon, Virar (East), Dist. Palghar - 401 305. Tel. :77700 02544 + Web Fax : 9122 3916 7294 + Website : www.viva-technology.org E-mail : contact@viva-technology.org / principal@viva-technology.org