

INSTITUTE OF ENGINEERING & TECHNOLOGY Approved by AICTE NEW DELHI (Affiliated to JNTUGV, VIZIANAGARAM) 88th Division, Narava, GVMC, Visakhapatnam-530027





# DETAILS OF INDUSTRIAL VISIT

## <u>A.Y: 2022 – 2023</u>

S.NO	BRANCH	YEAR	PLACE OF INDUSTRIAL VISIT	DATE	TOTAL NO.OF STUDEN TS
1	MECH	II	RAMKY PHARMACITY INDIA Pvt Ltd	21/02/23	38
3	AME	Il	RAMKY PHARMACITY INDIA Pvt Ltd	21/02/23	2
4	EEE	II	AUROBINDO Pharma Pvt Ltd	23/12/22	28
5	ECE	II	AUROBINDO Pharma Pvt Ltd	23/12/22	31
6	ECE	II	ANDHRA PRADESH MEDTECH ZONE (AMTZ)	13/12/22	25
8	CIVIL	II	ANDHRA PRADESH MEDTECH ZONE (AMTZ)	13/12/22	31
10	EEE	Π	ANDHRA PRADESH MEDTECH ZONE (AMTZ)	13/12/22	26
				TOTAL	181







# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING INDUSTRIAL VISIT

INDEX

S.No	NAME OF THE INDUSTRY	ACADEMIC YEAR	YEAR	NUMBER OF STUDENTS ATTENDED
1	AURBINDO PHARMA PRIVATE LIMITED	2022-23	II	28
2	AMTZ	2022-24	II	26

PRINCIFAL VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY Narava Visakhapatham - 530027

PRINCIPAL VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY Narava Visakhapeloom - 530034





Visakhapatnam, Date: 20-12-2022

### CIRCULAR

This is to inform all the students of  $2^{nd}$  year of EEE Department, that the college is associated with AUROBINDO Pharma Pvt Ltd, Lankelapalem - Simhadri NTPC Power Plant Rd, Donkada, is organizing one-day Industrial Visit to AUROBINDO Pharmaon 23/12/22.Interested students kindly provide their names to the coordinator. It is mandatory for the students to wear college uniform, safety shoe, mask and ID card.

College Bus will move from the campus at 10:00am on 23/12/2022.

Objective of the Industrial visit: To give Industrial exposure

oordinator

CC: to Hon'ble Chairman

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IQAC	R&D	CIVIL	EEE	ME/ AME	ECE	CSE	BS&H	MBA
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AsstProf. S.Avinash &AsstProf. Ch.Sai Kiran were the co-ordinators Faculty for the industrial visit. We started travelling from the college campus at 10:00 am via our college bus. Totally 31 students along with 2 coordinators faculty were there in the journey.

### **COMPANY PROFILE**

Founded in 1986 by Mr. P. V. Ramprasad Reddy, Mr. K. Nityananda Reddy and a small group of highly committed professionals, AurobindoPharma was born of a vision. The company commenced operations in 1988-89 with a single unit manufacturing Semi-Synthetic Penicillin (SSP)atPondicherry.

AurobindoPharma became a public company in 1992 and listed its shares on the Indian stock exchanges in 1995. In addition to being the market leader in Semi-Synthetic Penicillins, it has a presence in key therapeutic segments such as neurosciences, cardiovascular, anti-retrovirals, anti-diabetics, gastroenterology and anti-biotics, among others.

### Strengths and Leadership:

- Large manufacturing facilities approved by leading regulatory bodies
- Large diversified product portfolio
- Large R&D facility in India for formulations and active ingredients

### **RESEARCH AND DEVELOPMENT (R&D)**

#### **OVERVIEW**

The Company's R&D strengths are in developing intellectual property in non-infringing processes and resolving complex chemistry challenges. AurobindoPharma is in the process of developing new drug delivery systems, new dosage formulations, and applying new technology for better processes.

The R&D Center, in Hyderabad covers over 13,000 sq.m, and provides a nurturing environment to a multi-disciplinary team of over 700 scientists striving for excellence.

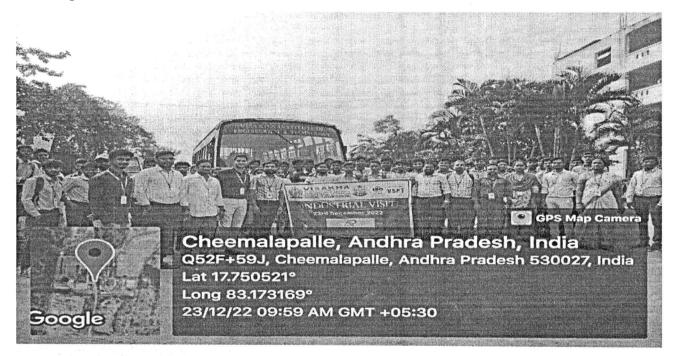
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Visakhapatnam, Date: 23-12-2022

## INDUSTRIAL VISIT REPORT AUROBINDO Pharma Pvt Ltd

A complete report on industrial visit organized by Visakha Institute of Engineering college, for the students of CIVIL, ECE & EEE [2nd year] in order to get the practical knowledge about "Foundations and industrial structures" at AUROBINDO Pharma Pvt Ltd.



### **DETAILS OF JOURNEY**

VIET College of Engineering had organized an industrial visit on 23 December, 2022 to AUROBINDO Pharma Pvt Ltd, Lankelapalem - Simhadri NTPC Power Plant Rd, Donkada for the students of Civil, ECE & EEE. The visit was organized by the college for Civil, EEE & ECE branches.

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The Centre meets GLP requirements, and is focused on the areas of organic synthesis, analytical research, dosage form development, pharmacology, bio-equivalence studies and drug delivery systems.

The instrumentation and analytical knowledge base at the Centre facilitate:

- Complete impurity profiling in all products developed.
- Development of analytical methods and specifications from raw materials, to non-

compendial finished products.

- In-house synthesis of reagents for analysing organolithiums and noble metals.
- Accelerated and real-time stability studies.

This reflects the Company's commitment towards developing innovative technologies and creating a knowledge base in chemical synthesis, high quality generic formulations and development of drug delivery systems.

### **GROUP OBSERVATION**

This Industrial visit is very helpful in our future practical Life & bring a positive change in our thinking & practical behavior regarding Education & specializing our technical skills.

- Got practical knowledge about the advancement in technology.
- Different heavy foundations constructed in the industry.
- Heavy Beams Constructed around the industry for different machine operations like Moving cranes.
- Information related to the company infrastructure.
- Management of manpower and machines.
- Different courses offered by training section.

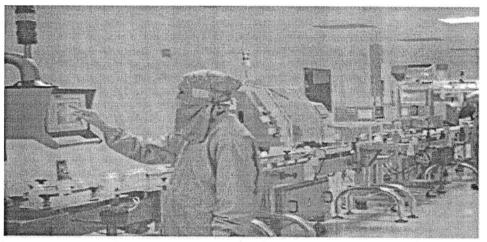
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### CONCLUSION

We are thankful for all our faculties for organizing such an Informative event for us in crucial for development of our practical skills regarding different types of foundation structures and the industrial infrastructure.

We got the knowledge on different types of machines used in Aurobindo Pharma and had an opportunity to research on it. We hope to get more chances further to have such an informative & wonderful experiences of visiting different industries.

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### Department of Electrical and Electronics Engineering STUDENTS ATTENDENCE SHEET

S.No	Regd.No.	Name of the Student	BRANCH	YEAR	SIGNATURE OF THE STUDENT
1	22NT5A0231	KANITHI MOUNIKA	EEE	II	of Mun
2	22NT5A0232	KATAM TANUJA	EEE	II	K. Tamy a
3	22NT5A0233	KOLLIVALASA VAMSIKRISHNA	EEE	II	K. Vamilkinha
4	22NT5A0235	LAVETI RAMANA	EEE	II	Romana
5	22NT5A0236	MOKA DIVYA SRI	EEE	II	Diver Soin
6	22NT5A0237	MYDI MALATHI	EEE	II	Malathi
7	22NT5A0238	NAMMI HEMALATHA	EEE	II	N. Haro
8	22NT5A0241	PALLAM LALITHA	EEE	II	P. Lalitta
9	22NT5A0242	PANGI RAMBABU	EEE	II	P. Rauho
10	22NT5A0243	PENDHIREDDI SIVANAGA SAI	EEE	II	Sila
11	22NT5A0245	RAJANA VAMSI KRISHNA	EEE	II	Kanst Stone
12	22NT5A0247	REESU GIRISH	EEE	II	graschourton
13	22NT5A0248	SALAPU SAMPATH KUMAR	EEE	II	Campa the
14	22NT5A0249	SASUBILLI VAMSI KRISHNA	EEE	II	8. Raichma
15	22NT5A0250	SOMALAPALLI ANANDABABU	EEE	II	C. Arto
16	22NT5A0251	SORNAPUDI NIKHIL	EEE	II	Nikhili
17	22NT5A0252	SUNKE NEELIMA	EEE	II	S. Neelina
18	22NT5A0256	T PAYANI	EEE	II	TPaysund 1
19	22NT5A0258	TEKETI SHYAM PRANEETH	EEE	II	Storgambraneelt
20	22NT5A0259	THOTADA SURENDRA	EEE	II	T. Susendra.
21	22NT5A0261	URUKUTI ASWINI	EEE	II	det-
22	22NT5A0263	VECHALAPU PAVAN	EEE	II	Paran-
23	22NT5A0265	YELLE KRISHNA BABU	EEE	II	Karsling.
24	22NT5A0266	YERRA VENKATA KAMESWARA RAO	EEE	II	YEDX
25	22NT5A0268	BURADA DIVYA SRI	EEE	II	Dayage
26	22NT5A0269	BADIREDDY DEVI SURYA PAVAN	EEE	II	READ
27	22NT5A0270	URIVITI YAMINI	EEE	II	U.Yamini
28	22NT5A0272	VIYYAPU NANI	EEE	II	19 Nour

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Visakhapatnam, Date: 08-12-2022

### CIRCULAR

This is to inform all the students of 2nd year of EEE Department, that the college is organizing one-day Industrial Visit to **ANDHRA PRADESH MEDTECH ZONE (AMTZ)** on 13/12/22.Interested students kindly provide their names to the coordinator. It is mandatory for the students to wear college uniform, safety shoe, mask and ID card.

College Bus will move from the campus at 10:00am on 13/12/2022.

Objective of the Industrial visit: To give Industrial exposure

IQAC coordinator

CC: to Hon'ble Chairman

Principal

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IQAC	R&D	CIVIL	EEE	ME/ AME	ECE	CSE	BS&H	MBA
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Visakhapatnam,

Date- 13-12-2022

#### **REPORT OF INDUSTRIAL VISIT – AMTZ**

AMTZ is India's premier medical technology park with Common Manufacturing Facilities & Common Scientific Facilities that include specialized laboratories, warehousing, and testing centres such as the Centre for Electromagnetic Compatibility and Safety Testing, Centre for Biomaterial Testing, Centre for 3-D Printing, Centres for Lasers, MRI Super Conducting Magnets, Gamma Irradiation Centre, Mold& Machining Centre, and many other industrial service centres.

3D printing or additive manufacturing is the construction of a three-dimensional object from a CAD model or a digital 3D model. It can be done in a variety of processes in which material is deposited, joined or solidified under computer control, with material being added together (such as plastics, liquids or powder grains being fused), typically layer by layer. Students have gained knowledge about such 3D printing design models and the implementation process of it.

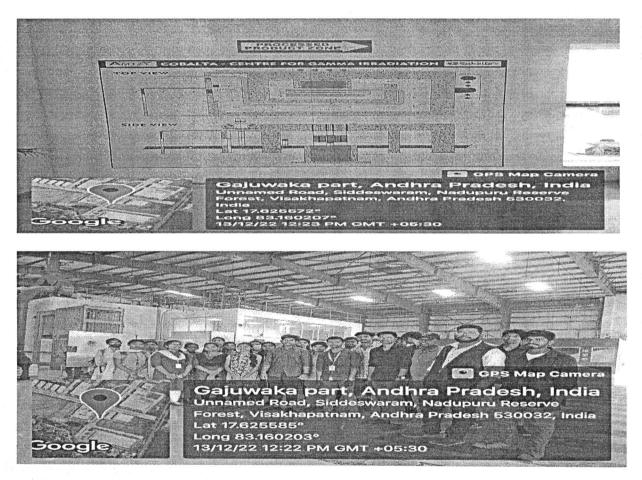
Lasers are distinguished from other light sources by their coherence. Spatial (or transverse) coherence is typically expressed through the output being a narrow beam, which is diffraction-limited. Laser beams can be focused to very tiny spots, achieving a very high irradiance, or they can have a very low divergence to concentrate their power at a great distance. Temporal (or longitudinal) coherence implies a polarized wave at a single frequency, whose phase is correlated over a relatively great distance (the coherence length) along the beam. A beam produced by a thermal or other incoherent light source has an instantaneous amplitude and phase that vary randomly with respect to time and position, thus having a short coherence length. Students in their visit learned different laser technologies and models for designing laser systems.

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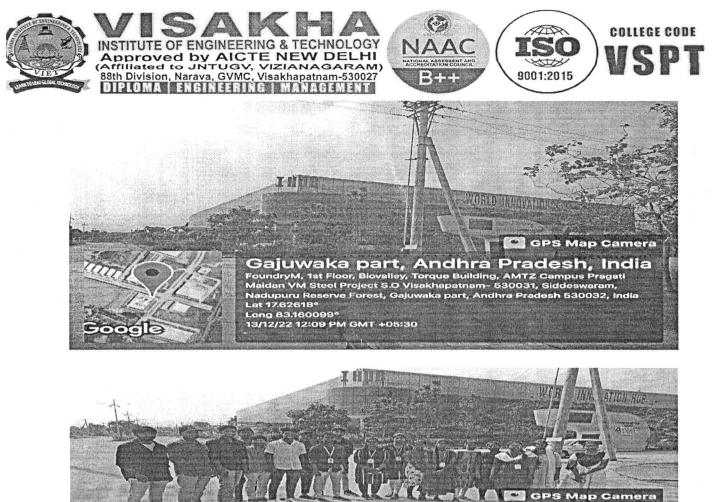


**OUTCOME**: Students in their visit have gained knowledge about different 3-D models & laser technologies from the centres of 3-D printing & centre for laser technologies. They gained exposure to the latest 3D and laser models.

### **INDUSTRIAL VISIT PHOTOS-**



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Gajuwaka part, Andhra Pradesh, India FoundryM, 1st Floor, Biovalley, Torque Building, AMTZ Campus Pregati Maidan VM Steel Project S.O. Visakhapatnam- 530031, Siddeswaram, Nadupuru Reserve Forest, Gajuwaka part, Andhra Predesh 530032, India Lat 17.626338° Long 63.160543° 13/12/22 12:10 PM GMT +05:30



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COLLEGE CODE

ISO

9001:2015



S.No	Regd.No.	Name of the Student	BRANCH	YEAR	SIGNATURE OF THE STUDENT
1	21NT1A0202	KAMBALA YELLAJEE	EEE	II	Yellaje
2	21NT1A0203	KUDA SALOMI	EEE	II	Salomi
3	21NT1A0204	MANGIPUDI JAGADEESH SAI PAVAN	EEE	II	(ryl.
4	21NT1A0205	PRSANGI YASODHAR VARMA	EEE	II	P. Yas to have Varie
5	21NT1A0206	MIRTHIPATI SOMESWARA SAI KRISHNA	EEE	II	M.S.Saidhishna
6	21NT1A0207	TAMADA ROHITH	EEE	II	T. Rohith.
7	21NT1A0208	POTTI LAKSHMAN	EEE	II	P. Lakehman
8	22NT5A0201	ADHADA SIVA	EEE	II	\$7'iva
9	22NT5A0202	ANGANI JAYA SATYA VARMA	EEE	II	ASP.
10	22NT5A0204	BATHULA PAVAN KUMAR	EEE	II	Paran
11	22NT5A0206	BOKAM MADHU	EEE	II	Madhee
12	22NT5A0209	CHINTAPALLI JAI NAVEEN KUMAR	EEE	II	C. Jai Naveen Kuna
13	22NT5A0210	CHOKKAKULA DEVIKA	EEE	II	Ducito
14	22NT5A0212	DASARI SRINIVAS	EEE	II	D. Spinivas
15	22NT5A0213	DOLA HARISH	EEE	II	their
16	22NT5A0214	EEGALA BHARGAVI	EEE	II	E. Bhargari
17	22NT5A0215	EERLI BALARAM HARI	EEE	II	E. BaladamHari
18	22NT5A0218	GATHADA VIJAY NEERAJ	EEE	II	G. Vijay Neeraj
19	22NT5A0219	GAVARA MOUNICA	EEE	II	G. Mounica
20	22NT5A0220	GOLAGANI PAVAN KUMAR	EEE	II	GPavenkumar
21	22NT5A0224	JALDU SAI SWAROOP	EEE	II	Swarcap
22	22NT5A0225	JAMI VASU	EEE	II	Nabu. /
23	22NT5A0226	JERRIPOTULA NIRANJAN	EEE	II	J. Niranjan
24	22NT5A0228	KANCHIPATI JYOTHI SWAROOP	EEE	II	( Kjunt -
25	22NT5A0229	KANDI VASUNDHARA	EEE	II	K Yasundhara.
26	22NT5A0230	KANISETTY MOHAN KISHOR	EEE	II	khow

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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING INDUSTRIAL VISIT INDEX

S.No.	NAME OF THE INDUSTRY	ACADEMIC YEAR	YEAR	NUMBER OF STUDENTS ATTENDED
1	ANDHRA PRADESH MEDTECH ZONE (AMTZ)	2022-2023	II	25
2	AUROBINDO Pharma Pvt Ltd	2022-2023	II	31



# VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY

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06-12-2022,

Visakhapatnam.

12

To Mr. N. Naresh kumar, Coordinator, Indian Biomedical Skill Consortium, Visakapatnam.

Respected sir,

Visakha Institute of Engineering and Technology, 57<sup>th</sup> division, Narava, Visakhapatnam is one of the reputed institutions under Varaha Lakshmi Narasimha Swami Educational Trust of Visakhapatnam, Andhra Pradesh. The college attaches equal importance to expose of the students to industrial visit. We send students for industrial visits to the reputed industrial organizations like yours.

This is my honour to bring to you kind notice that students of both Diploma and B.Tech Mechanical, Civil, EEE and ECE students of 200 members are willing for industrial visit as a part of education system for 3 days i.e. on 10-12-2022 to 12-12-2022. This visit will objectively enhance the practical knowledge of the student. Hence I would like to request you to kindly grant permission for the Industrial visit of students along with faculty members.

Your coordination in this regard will not only help the cause of education but also strengthen the youth of the Nation.

Thanking you and looking forward for your favour.

PRINCIPAL

Dr. V. Sridhar Patnaik, Ph.D. Principal Visakha Institute of Engineering and Technology 57th Division, GVMC, Narava, Visakhapatnam-530027







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Date: 08.12.2022

### CIRCULAR

This is to inform to all the students of B.Tech II year of ECE, EEE & CIVIL that an Industrial visit is organised to ANDHRA PRADESH MEDTECH ZONE (AMTZ), Visakhapatnam on 13-12-2022. We here by inform that all the students should make use of this very good opportunity. In case of any queries and other details contact your respective class coordinators regarding the program.

Note: All the students should attend the industrial visit without fail.

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### **REPORT OF INDUSTRIAL VISIT – AMTZ**

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### VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY 57th Division, Narava, Visakhapatnam II D. Tach I. Somester A.Y : 2022-23

II B.Tech I Semester A.Y : 2022-23 Branch : Electronics and Communication Engineerimng

DENTS ATTENDING INDUSTRIAI VISIT

Phase-1

2

3	LIST OF	STUDENTS ATTENDING INDUST			Mobile Number	
S.No	Regd.No.	Name of the Student	Gender	cutegery		
1	21NT1A0404	ANKINAPALLI SANDEEP REDDY	М	CQ	7396762573	
2.		BOBBILI ARAVIND RAM	М	CQ	8106908607	, T
3		GUMMALA GANESH	М	CQ	9951744798	
4		JAJI MOGGALA JHNANA JAGADISH	М	CQ *	9391062837.	
5		KALLA YAMUNA	F	CQ (	9346852892	£
6		KATARI NEELA	F	CQ	9182154497	
7	2	KORADA SRAVANI	F	CQ	7981795386	÷.
8		PAMU JYOTHI	F	CQ	7801023599	-
9		SIRIGINEDI BHAVYA SRI	F	CQ	8186956406	-
10		SIRIKI BHAVANA	F	CQ	9666253016.	
		YALLAPU ANAND	М	CQ	9392459441	
11		SAMOJU TIRUMULACHARI	Me	MQ	9391572293.73	3868-7096
12	21NTIA0404	AKURATHI NAGA PURNA CHAND	M	CQ	7075920155	
13		ASHISH PURTY	М	CQ	90/0845427	
14		AYYAPUREDDI POORNIMA	F	CQ	7995409267	-
15		B DUVVARAPU JAHNAVI	F	CQ	8008336120	
16		5 GORJI RAMA DURGA	F	CQ	(n. Rama Durga	-
17		7 INDUKURI SAI NITHIN VARMA	M	CQ	9392604876	_
18		8 KANCHIPATI LOKESH	М	CQ	9392834658	
19		2 MADDALA ROHIT KUMAR	M	CQ	7660899548	
20		8 PALAPARTHI HARI KRISHNA	M	CQ	9666568456	
21		1 PENTAKOTA JYOTHIRMAI	F	CQ	8897268607	
22		2 SUNKARI ALEKYA	F	CQ	7569363718	
2:		3 SURISETTY JYOSHNA	F	CQ	9704774159	_
22		17 UMAR KARIMULLA SHARIFF	M	CQ CQ	7799175330	
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INSTITUTE OF ENGINEERING & TECHNOLOGY APPROVED BY ALCTE, NEW DELHI (Affiliated to JNTUK, Kakinada) 57<sup>th</sup> Division, GVMC, Narava, Visakhapatnam DIPLOMA | ENGINEERING | DIPLOMA | INT

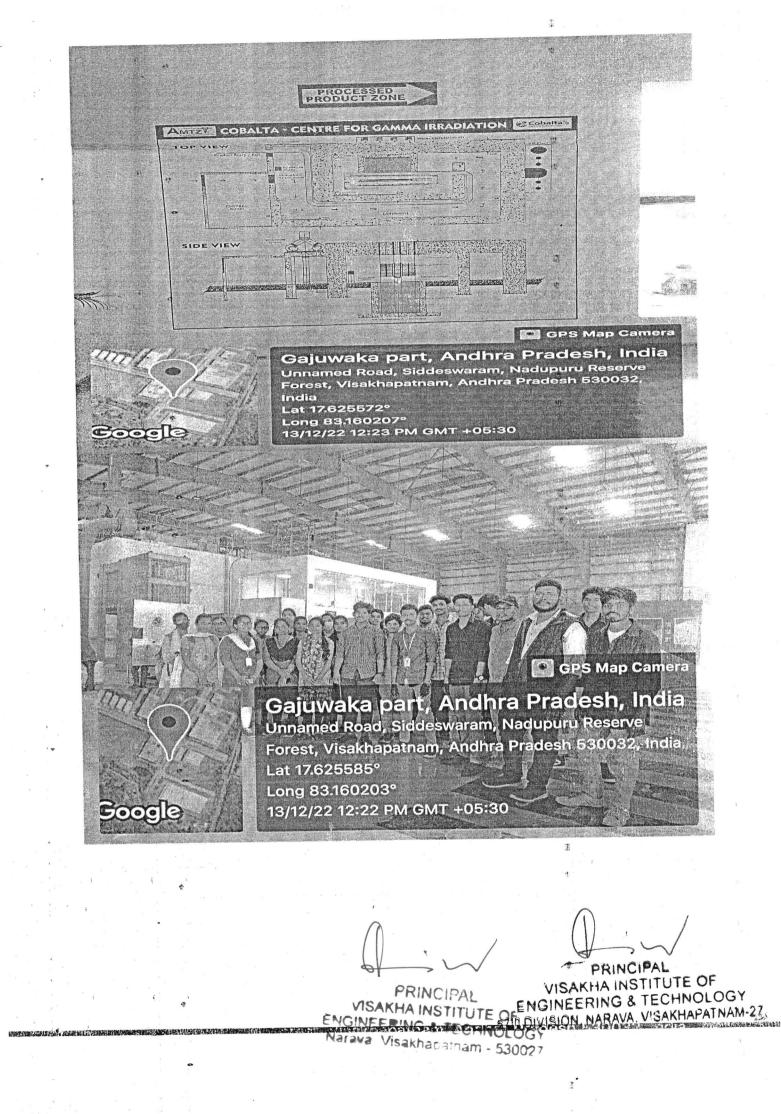


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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ENGINEERING & TECHNOLOGY Narava Visakhapatranti DISOSION, NARAVA, VISAKHAPATNAM-27





# NORLD JHINDIALLO

GPS Map Camera

# Gajuwaka part, Andhra Pradesh, India

FoundryM, 1st Floor, Biovalley, Torque Building, AMTZ Campus Pragati Maidan VM Steel Project S.O Visakhapatnam- 530031, Siddeswaram, Nadupuru Reserve Forest, Gajuwaka part, Andhra Pradesh 530032, India Lat 17.62618° Long 83.160099°

13/12/22 12:09 PM GMT +05:30

# GPS Map Camera

# Gajuwaka part, Andhra Pradesh, India

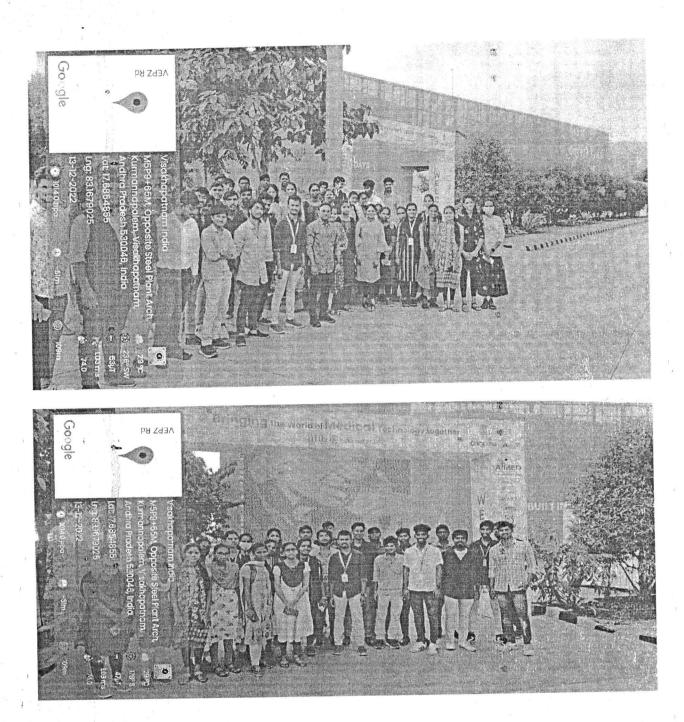
FoundryM, 1st Floor, Biovalley, Torque Building, AMTZ Campus Pragati Maidan VM Steel Project S.O Visakhapatnam- 530031, Siddeswaram, Nadupuru Reserve Forest, Gajuwaka part, Andhra Pradesh 530032, India Lat 17.626338°

Long 83.160543° 13/12/22 12:10 PM GMT +05:30

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VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY PRINCIPAL MSAKHA INSTITUTE INBIVISION "NARAVA, VISAKHAPATNAM-27. ENGINEERING & TECHNOLOGY

Narava Visakhapatnam - 530027



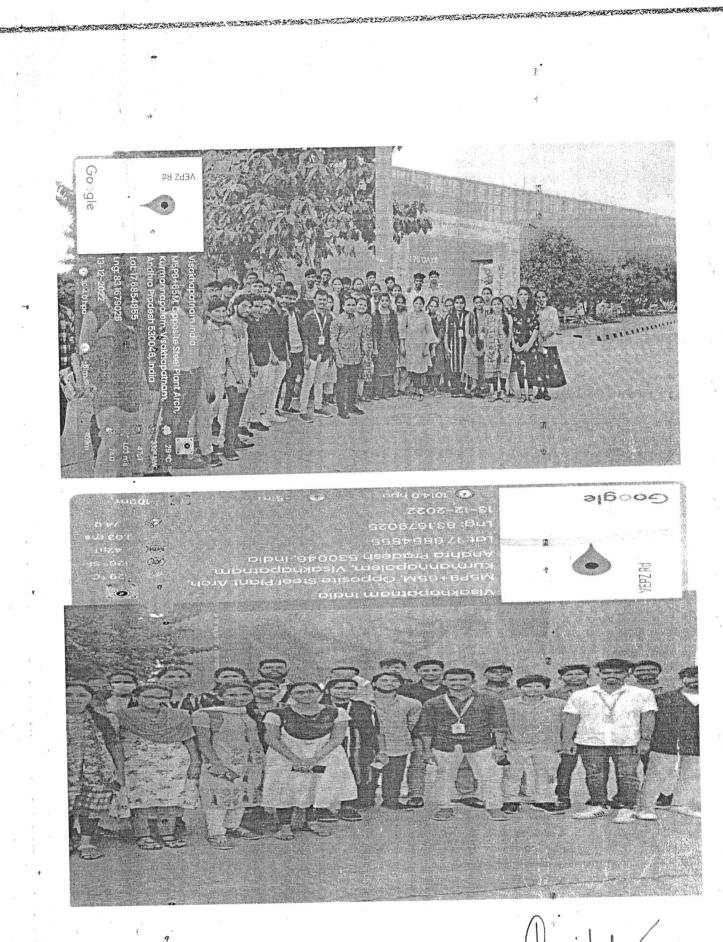
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VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY 5710 DIVISION, NARAVA, VISAKHAPATNAM-27,

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PRINCIPAL

PRINCIPAL VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY MSAKHA INSTITUTE OF DIVISION, NARAVA, VISAKHAPATNAM-27

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ENGINEERING & TECHNOLOGY Narava Visakhapatnam - 530027



NISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY Approved by AICTE NEW DELHI (Affiliated to JNTUGY, VIZIANAGARAM) 88th Division, Narava, GVMC, Visakhapatnam-530027



AY 2022-2023



### ATTENDANCE SHEET FOR INDUSTRIAL VISIT (ANDHRA PRADESH MEDTECH ZONE) ON 13-12-2022

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Visakhapatnam, Date: 20-12-2022

### CIRCULAR

This is to inform all the students of 2<sup>nd</sup> year of ECE, that the college is associated with **AUROBINDO Pharma** Pvt Ltd, Lankelapalem - Simhadri NTPC Power Plant Rd, Donkada, is organizing one-day Industrial Visit to **AUROBINDO Pharma**on 23/12/22.Interested students kindly provide their names to the coordinator. It is mandatory for the students to wear college uniform, safety shoe, mask and ID card.

College Bus will move from the campus at 10:00am on 23/12/2022.

Objective of the Industrial visit: To give Industrial exposure

CC: to Hon'ble Chairman

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PRINCIPAL VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY Narava, Visakhapatham - 530027

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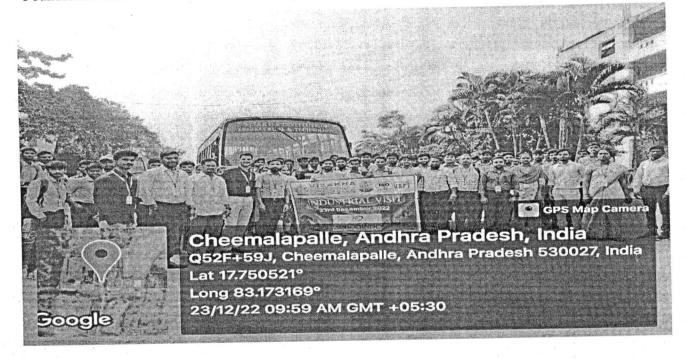


Visakhapatnam, Date: 23-12-2022

# **REPORT ON INDUSTRIAL VISIT**

## AUROBINDO PHARMA Pvt Ltd

A complete report on industrial visit organized by Visakha Institute of Engineering college, for the students of ECE [2nd year] in order to get the practical knowledge about "Foundations and industrial structures" at AUROBINDO Pharma Pvt Ltd.



### **DETAILS OF JOURNEY**

VIET College of Engineering had organized an industrial visit on 23 December, 2022 to AUROBINDO Pharma Pvt Ltd, Lankelapalem - Simhadri NTPC Power Plant Rd, Donkada for the students of ECE. The visit was organized by the college for ECE branches.

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Asst.Prof. CH.Krishna Chaitanya is the co-ordinator Faculty for the industrial visit. We started travelling from the college campus at 10:00 am via our college bus. Totally 30 students along with coordinator faculty were there in the journey.

## COMPANY PROFILE

Founded in 1986 by Mr. P. V. Ramprasad Reddy, Mr. K. Nityananda Reddy and a small group of highly committed professionals, AurobindoPharma was born of a vision. The company commenced operations in 1988-89 with a single unit manufacturing Semi-Synthetic Penicillin (SSP)atPondicherry.

Aurobindo Pharma became a public company in 1992 and listed its shares on the Indian stock exchanges in 1995. In addition to being the market leader in Semi-Synthetic Penicillins, it has a presence in key therapeutic segments such as neurosciences, cardiovascular, anti-retrovirals, anti-diabetics, gastroenterology and anti-biotics, among others.

## Strengths and Leadership:

- Large manufacturing facilities approved by leading regulatory bodies
- Large diversified product portfolio
- Large R&D facility in India for formulations and active ingredients

# **RESEARCH AND DEVELOPMENT (R&D)**

#### OVERVIEW

The Company's R&D strengths are in developing intellectual property in non-infringing processes and resolving complex chemistry challenges. AurobindoPharma is in the process of developing new drug delivery systems, new dosage formulations, and applying new technology for better processes.

The R&D Center, in Hyderabad covers over 13,000 sq.m, and provides a nurturing environment to a multi-disciplinary team of over 700 scientists striving for excellence.

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The Centre meets GLP requirements, and is focused on the areas of organic synthesis, analytical research, dosage form development, pharmacology, bio-equivalence studies and drug delivery systems.

The instrumentation and analytical knowledge base at the Centre facilitate:

- Complete impurity profiling in all products developed.
- Development of analytical methods and specifications from raw materials, to non-

compendial finished products.

- In-house synthesis of reagents for analysing organolithiums and noble metals.
- Accelerated and real-time stability studies.

This reflects the Company's commitment towards developing innovative technologies and creating a knowledge base in chemical synthesis, high quality generic formulations and development of drug delivery systems.

### **GROUP OBSERVATION**

This Industrial visit is very helpful in our future practical Life & bring a positive change in our thinking & practical behavior regarding Education & specializing our technical skills.

- Got practical knowledge about the advancement in technology.
- Different heavy foundations constructed in the industry.

• Heavy Beams Constructed around the industry for different machine operations like Moving cranes.

- Information related to the company infrastructure.
- Management of manpower and machines.
- Different courses offered by training section.

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### CONCLUSION

We are thankful for all our faculties for organizing such an Informative event for us in crucial for development of our practical skills regarding different types of foundation structures and the industrial infrastructure.

We got the knowledge on different types of machines used in Aurobindo Pharma and had an opportunity to research on it. We hope to get more chances further to have such an informative & wonderful experiences of visiting different industries.



Principal

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# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### AY 2022-2023

# ATTENDANCE SHEET FOR INDUSTRIAL VISIT (AUROBINDO PHARMA PVT LTD) DATE: 23/12/2022

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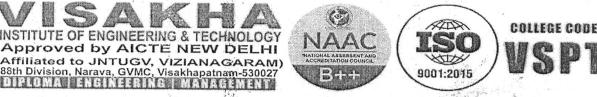


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Visakhapatnam, Date- 12-2022

### **REPORT OF INDUSTRIAL VISIT – AMTZ**

pproved by AICTE NEW DELHI

IN THE FUEL BUILDE

AMTZ is India's premier medical technology park with Common Manufacturing Facilities & Common Scientific Facilities that include specialized laboratories, warehousing, and testing centres such as the Centre for Electromagnetic Compatibility and Safety Testing, Centre for Biomaterial Testing, Centre for 3-D Printing, Centres for Lasers, MRI Super Conducting Magnets, Gamma Irradiation Centre, Mold& Machining Centre, and many other industrial service centres.

3D printing or additive manufacturing is the construction of a three-dimensional object from a CAD model or a digital 3D model. It can be done in a variety of processes in which material is deposited, joined or solidified under computer control, with material being added together (such as plastics, liquids or powder grains being fused), typically layer by layer. Students have gained knowledge about such 3D printing design models and the implementation process of it.

Lasers are distinguished from other light sources by their coherence. Spatial (or transverse) coherence is typically expressed through the output being a narrow beam, which is diffraction-limited. Laser beams can be focused to very tiny spots, achieving a very high irradiance, or they can have a very low divergence to concentrate their power at a great distance. Temporal (or longitudinal) coherence implies a polarized wave at a single frequency, whose phase is correlated over a relatively great distance (the coherence length) along the beam. A beam produced by a thermal or other incoherent light source has an instantaneous amplitude and phase that vary randomly with respect to time and position, thus having a short coherence length. Students in their visit learned different laser technologies and models for designing laser systems.

OUTCOME: Students in their visit have gained knowledge about different 3-D models & laser technologies from the centres of 3-D printing & centre for laser technologies. They gained exposure to the latest 3D and laser models.

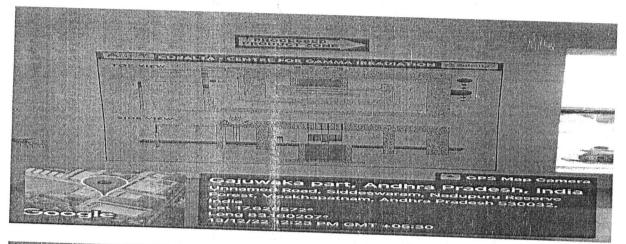
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### INDUSTRIAL VISIT PHOTOS-







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Head of the L . parement Civil Department Visakha Institute J Engineering & Technology

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AY 2022-23

### ATTENDANCE SHEET FOR INDUSTRIAL VISIT(AMTZ) ON 13-12-22

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Visakhapatnam, Date: 08-12-2022

### CIRCULAR

This is to inform all the students of 2nd year of CIVIL, ECE & EEE, that the college is organizing one-day Industrial Visit to **ANDHRA PRADESH MEDTECH ZONE (AMTZ)** on 13/12/22.Interested students kindly provide their names to the coordinator. It is mandatory for the students to wear college uniform, safety shoe, mask and ID card.

College Bus will move from the campus at 10:00am on 13/12/2022.

Objective of the Industrial visit: To give Industrial exposure

IO. coordinator

CC: to Hon'ble Chairman

Principal

PRINCIPAL VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY Narava, Visakhapatnam - 530027

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Visnichespatriate. To Mr. N. Astroite kumar, Coordinator. 1 Indian Bomedical Skill Conservium, Viaskapetnam

Respected sit. Visakha astitute of Engineering and Technology, 57th division, Marava, Visathapatham is one of the reputed institutions under Varaha Lakshmi Narasimha Swami Educational Trust of Visakhapatham, Andhra Pradesh, The college attaches equal importance to expose of the students to industrial visit. We send students for industrial visits to the reputed industrial organizations like yours.

This is my honour to bring to you kind houce that students of both Diploma and S. Tech Mechanical, Civil, CEE and ECE students of 200 members are willing for industrial visit as a Pars of education system for 3 days i.e. on 10-12-2022 to 12-12-2022. This visit will objectively enhance the practical knowledge of the student sience I would like to request you to kindly grant Detenission for the industrial visit of students along with faculty members.

Your coordination in this regard will not only help the cause of education but also trengthen the youth of the Nation.

Thanking you and looking forward for your favour.

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