ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Industrial Visit - Consolidate Report (Academic Year 2021-22)

S. No	Department	Year-Semester	Industry Name	Date of Visit	Domain	No of Students Visited
1.	Civil Engineering	III	UltraTech RMC plant, Rajahmundry	23-12-2021	Concrete Technology	60
2.		IV	Geological field trip	21-05-2022	Geology	65
3.	Electrical and Electronics Engineering	V	Power Grid 765-400 KV(GIS)Sub Station Ramesampeta, E.G. District	11-03-2022	Power systems	40
4.		V	Power Grid 765-400 KV(GIS)Sub Station Ramesampeta, E.G.District	12-03-2022	Power systems	44
5.	Mechanical Engineering	II-II	Kesavaram East Godavari District, Andhra Pradesh – 533 341.	30-04-2022	Manufacturing	68
6.		II-II	Kesavaram East Godavari (D.T), Andhra Pradesh – 533 341.	02-05-2022	Manufacturing	65
7.		II-II	Kesavaram East Godavari District, Andhra Pradesh – 533 341.	04-05-2022	Manufacturing	70

S. No	Department	Year-Semester	Industry Name	Date of Visit	Domain	No of Students Visited
8.	Electronics and Communication Engineering	II-II	Satish Dhawan Space Centre-SHAR, Sriharikota	31-05-2022	Communication	110
9.		II-II	Satish Dhawan Space Centre-SHAR, Sriharikota	09-06-2022	Communication	50
10.		III-II	Electro pro Refurbishing plant, Razole, Chintalamori	12-03-2022	Electronics	24
11.		II-II	SKNS LED Manufacturing Unit, G.Ragampeta	17-12-2021	Electronics	42
12.		II-II	MSME ,Vizag, Andhra Pradesh	28-05-2022	Management	54
13.	Computer Science and Engineering	II	Krify Software Solutions Pvt.Ltd.	22-12-2021	Web and App Development	90
14.		II	Krify Software Solutions Pvt.Ltd	23-12-2021	Web and App Development	90
15.		III	Miracle Software Solutions	24-05-2022	BPO and Cloud Services	85
16.		III	Miracle Software Solutions	25-05-2022	BPO and Cloud Services	95
17.	Information Technology	IV	Miracle Software Solutions	17-05-2022	Design & Development	70
18.	Petroleum Technology	IV	Geological trip to Bommuru, Gowripatnam and Korukonda	01-04-2022	Geology	32
19.		VIII	Kakinada Sea Port Limited, Kakinda	09-04-2022	Upstream	42
20.		VI	Grasim Industries	22-04-2022	Downstream	52

S. No	Department	Year-Semester	Industry Name	Date of Visit	Domain	No of Students Visited
20.	Petroleum Technology	VIII	Tatipaka Oil Refinery	23-04-2022	Downstream	42
21.	Mining Engineering	IV	BRR Enterprises Road Metal Quarry, Malkapur Village, Yadadri, Bhuvanagiri District,	22-04-2022	Metal Mining Production	44
22.	Agriculture Engineering	IV	Nursery & Landscape Expo	15-03-2022	Agri Tech, Rajahmundry Andhra Pradesh, 2022	43
23.		VI	Nursery & Landscape Expo	16-03-2022	Agri Tech, Rajahmundry Andhra Pradesh, 2022	49

Convener
Academic Committee

Principal
PRINCIPAL
ADITYA ENGINEERING COLLEGE
SURAMPALEM - 533 437

Industrial Visit

(Sample Reports)

Industrial Visit - Report

ABSTRACT:

Department of Electrical and Electronics Engineering organized an Industrial visit for IV Semester engineering students at Power Grid corporation of India Vemagiri. on 11th March, 2022. The document contains a detailed report of the industrial visit.

INDUSTRY PROFILE:

- Power Grid corporation of India 765/400 KV (GIS) Sub-Station in Vemagiri area in Andhra Pradesh has huge potential of Gas based generation projects due to availability of Gas in Krishna-Godavari basin.
- In the view above consideration the huge generation potential in this area a comprehensive transmission system has been planned so as to take care of the evacuation needs of generation projects of Vemagiri area.
- For this a 765/400 KV pooling station at vemagiri (GIS) is to be established through LILO of Gazuwaka –Vijayawada S/c with bypass arrangements.
- All the power from different power plants will be pooled at Vemagiri pooling station shall be further dispersed through high capacity transmission corridors of 2xD/c 765 KV lines towards Hyderabad via Khammam to supply target beneficiaries in Southern region

PURPOSE OF VISIT:

1. Interaction between students and industry personnel.
2. To makes tudents aware about actual industry working and the industrial environment.
3. To develop awareness among students regarding Power plant.

NOTE WORTHY MENTIONS:

Special thanks to:

1. Dr. M.Sreenivasa Reddy,Principal, Aditya Engineering College and Dr.V.Srinivasa Rao,Head of the Department,Electrical and Electronics Engineering for approving Industrial visit permission.
2. Mr. K.Mahesh kumar Krishna, Senior Deputy General Manager, Power Grid 765/400 GIS SUBSTATION Vemagiri,East Godavari,AP for allowing the students to visit Power Grid.
3. Mr. Ch.Mohan,Assistant Engineer, Power Grid 765/400 GIS SUBSTATION Vemagiri, East Godavari,AP,for his Guidence in the power plant.

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GROUND REPORT:

- Power Grid Corporation of India Limited (POWERGRID)765/400KV gas insulated Substation, Surampalem authorities gave permission for 2022 admitted batch II year students to visit the power Grid in single batch on 11th March 2022,
- And accordingly we proceeded to visit the GIS Sub-Station on 11th March 2022 from our college at 10:15 A.M along with 40 students of II B.Tech III Semester EEE B as the only batch with two Associate Professors of EEE Department Mr.K.Rambabu and Mrs.B.V.V.L. Kala Bharathi, reached visiting spot by 10:45 A.M. and met the Manager of the Power Grid Corporation of India Limited .
- The senior Deputy General Manager permitted us at 10:45 A.M. and provided two Assistant Engineers for explaining the overview and working of Power Grid and Switch-yard equipment and their functionality.
- Initially they divided us into two groups facilitated by two Assistant engineers and taken us to 750Kv side (High voltage side) and 400 Kv side . They explained us about all the essential components of 750 Kv and 400 Kv substation.
- Also , they explained about the Transformers , reactors and various tasks and the actions done with contro relay planners in Control room.

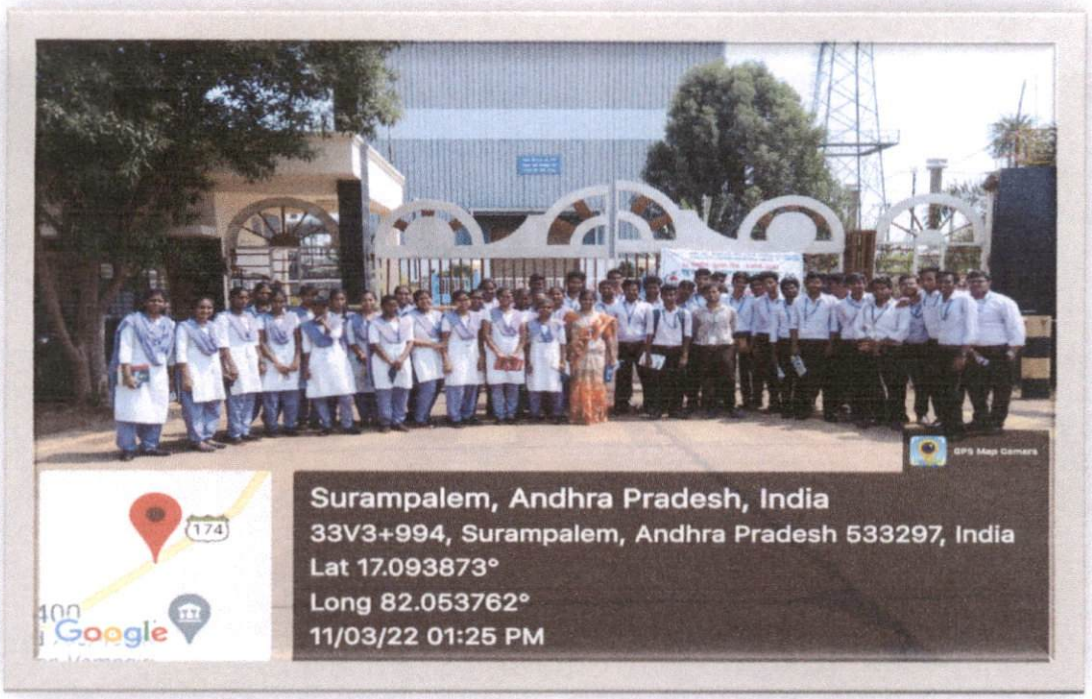

Photo of staff and Students at the front gate of Power grid ,vemagiri

- After the batch swap they started immediately to explain the other side Low voltage side for those who initially went to High voltage side and vice versa . They provided us with two assistant Engineers for explaining the working of Power grid ,Flow of power to and from the sub-station , transformers , reactors , GIS station advantages and disadvantage when compared to AIS .

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- Finally we checked out at 1:20 P.M after watching the Gas Insulated sub-stations part , reactors and lines from Srikakulam and Chillakaluripeta . We came back to college at 1:30 P.M.

OBSERVATIONS:

- The first thing which we have gone through in the GIS Substation is electrical equipment's : Power Transformers (ICT 1 & ICT 2), Circuit breakers , Current transformer , Potential transformer , Lightning arrest , Fire fighting system , Bushes , Control relay panels ,Isolators , Wave taps , power cables , Protection panels , Power cables etc.

Photos of students along with Guides in the Power plant

- The transformers components present in the substation are there are total 7 units of transformers present in the switch yard of the substation in that 6 are connected to the system and one transformer is used as a spare if there is any trouble in working of any transformer connected to system .

- These transformers of high end each one is having the capacity of 15000 MVA . The 6 transformers in the system are connected as 3 transformers will in ICT 1 and other 3 will be in ICT 2 . The 3 transformers in each ICT are used for the each phase RYB respectively .

- All the transformers are containing mineral oil filled in them for acting as insulator . The cooling of the transformer is done with the help two mechanisms oil forced and air forced every radiator connected to the transformer will get oil from pumps forcefully , so this mechanism is called oil forced cooling . Similarly fans are used to cool the air forcefully than natural cooling so it is air forced mechanism.

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HOSPITALITY:

The hospitality of all the people working there was overwhelming.

1. The industrial guides assigned to each group were very friendly and explained each and every detail clearly.
2. The workers and the staff were very cooperative to the students.

INFRASTRUCTURE:

- The plants of the industry were clean and airy. Sufficient arrangements for lighting were made in the plant.
- Modern & automated machine tools were available and used by trained workers.

OUTCOME OF THE INDUSTRIAL VISIT / FIELD VISIT:

- Learned about all the essential components of 750 Kv and 400 Kv substations
- Gained knowledge about the Transformers , reactors and the action done with control relay planners in Control room
- Learned that the power which the sub station was getting contains both active and reactive power but the reactive power is not useful so the reactor in the sub station will regulate the voltage .

Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)

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Industrial Visit - Report

ABSTRACT:

Department of Mechanical Engineering organized an Industrial visit for VI Semester Engineering students at Sri Sarvaraya Sugars Limited (Bottling Unit), Kesavaram. on 30th April, 2022.

INDUSTRY PROFILE:

- M/s. Sri Sarvaraya Sugars Limited was incorporated in 1956 and is managed by the Board of Directors. It has several divisions namely, Sugar, Power, Distillery, Industrial Gasses, Bottling (Coca Cola and "KINLEY" mineral water) divisions.
- A Sugar Plant was set up in the year 1956 at Chelluru, East Godavari District, Andhra Pradesh with an initial capacity of 800 TCD.
- In 1964 the company had set up its first distillery unit adjacent to its sugar factory with an installed capacity of 13,500 bulk litres per day (BL).
- The company has an installed power generation capacity of 17.65 MW of which 12.65 MW was installed and commissioned in the year 2008.
- The company manufactures Organic Manure under the brand name "Bhoo Shakthi", Vermicompost under the brand name "Vermi Shakthi" and VAM under.
- The bottling division is a franchise bottler of The Coca - Cola Company since 1993. This division has four plants at Vemagiri, Kesavaram, Gopalapuram and Khammam.
- This division bottles "KINLEY" brand of mineral water. The plant is located at Sathupally in Khammam District. This project was successfully commissioned.

PURPOSE OF VISIT:

1. Interaction between students and industry personnel.
2. To make students aware about actual industry working and the industrial environment.
3. To develop awareness among students regarding sheet metal manufacturing processes.
4. To prepare students for selection of career in different departments of industry.

NOTEWORTHY MENTIONS:

Special thanks to:

1. Dr. Medapati Sreenivasa Reddy, Professor & Principal, Aditya Engineering College Autonomous & Dr. Varaprasad Bhemuni, Head of Department, Mechanical Engineering approved the IndustriaVisit and encouraged students and faculty members for the same.

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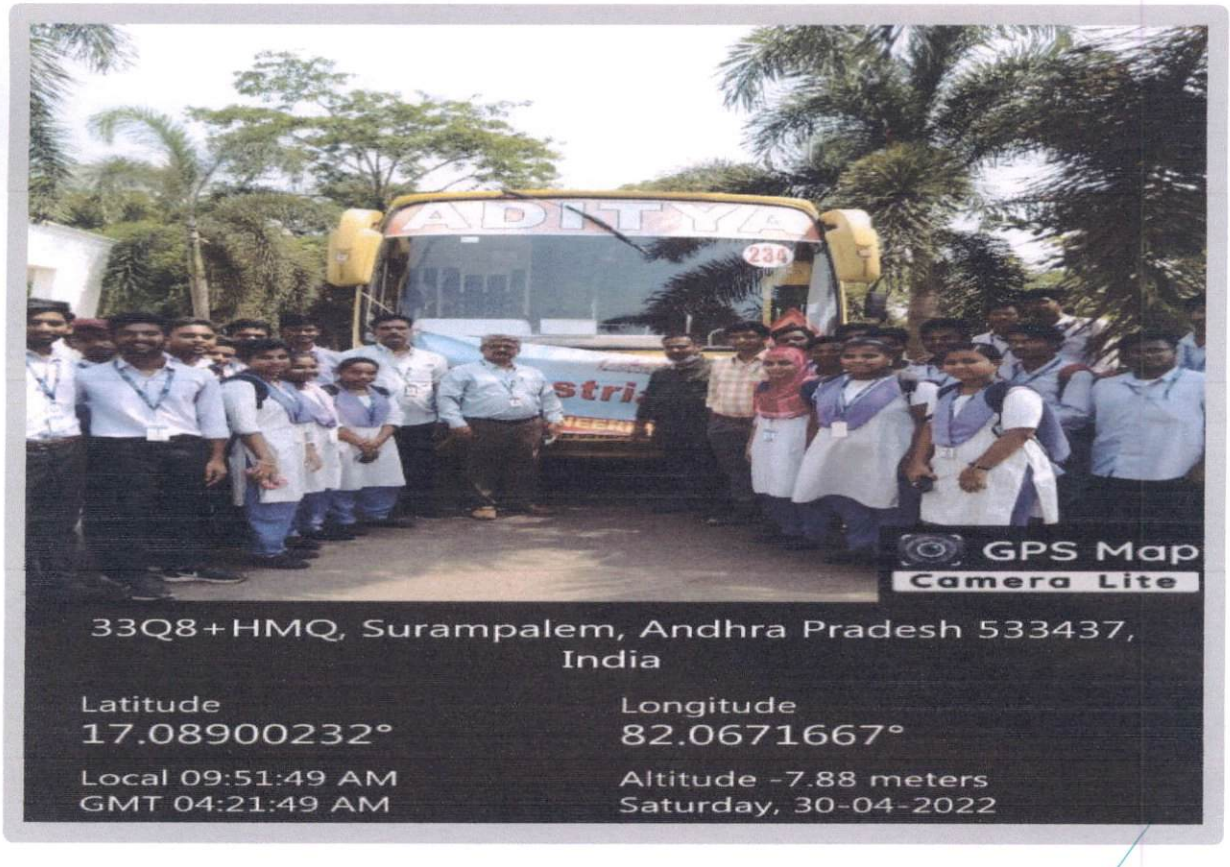
2. Mr. Kagithapu Rajendra has taken continuous follow up with Mr. G. Venkateswarao , Plant Head & Expert , SRI SARVARAYA SUGARS LIMITED (BOTTLING UNIT) for the Industrial Visit.

3. Mr. G. Venkateswarao , Plant Head & Expert , SRI SARVARAYA SUGARS LIMITED (BOTTLING UNIT). for allowing the students to visit the industry premises.

GROUND REPORT:

- 68 students of 4th semester, Mechanical Engineering from Aditya Engineering College Autonomous. along with 2 faculty members reached the plant according to planned route at 11:00 am. The security guard welcomedthe bus at Gate No. 1 and guided for the entry of the plant.
- The General Manager of the plant introduced the students and faculty members to the Sr. Managers at the plant and 3 batches of students were made. Each batch was taken to different departments of the plant. Mr. Govindarao guided the students to the material handling department from where the journey of the final product actually starts.



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- The industry follows Micro Propagation is being developed by the Company to supply healthy, pest & disease free sugarcane seedlings / setts for standardisation of average yield and recovery. Desirable varieties are chosen for testing in large scale field trials in different locations offering various distinct constraints like soil type, drought, water logging, salinity, flowering, pests and diseases. Varieties selected in field trials are initiated through Meristem culture and further micro propagated after obtaining certification from Sugarcane Breeding Institute, Coimbatore for the absence of Yellow Leaf Disease (YLD) & Grassy Shoot Disease (GSD). The certified materials of the selected varieties are maintained in mother plant garden at an isolated place and material is then taken for large scale multiplication from this garden.
- Production of sugarcane seedlings involves cutting sugarcane into single buds with the help of 4 way bud cutting machines with a production capacity of 4,000 buds per hour. The seed is then treated with Fungicides & Pesticides in order to supply disease & pest free seedlings to our farmers.
- A 196 Mts length Poly house with automated Boom irrigation system is used to develop sugarcane seedlings with a capacity to develop over 3,00,000 seedlings per batch. Apart from this, the Company has over 5 Acs with Green shade nets installed with Sprinkler system. The Company can produce over 25 Lakh seedlings in one cycle of 30 days at 1,00,000 seedlings production per day with a Germination and survival percentage of over 75%.
- Before delivery of seedlings to the farmers they are trimmed in order to establish a uniform height which will be useful during mechanical harvesting.

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- The Company has also ventured into development of hybrid Vegetable seedlings by using a mechanical seeder untouched by human hands. These vegetable seedlings are given to the sugarcane farmers for intercropping which can generate additional interim revenue for the farmers.

- Availability of sugarcane cultivation/harvesting labour has been a major challenge for the farmers since several years. In order to mitigate the shortage of labour, Company has been advising its farmers to rapidly mechanise and has been helping them in several ways from soil preparation, transplanting and harvesting. Various implements have been procured within the country and also abroad. Implements such as Chisel plough, Reversible Mould Board plough, Rotary plough, Ridgers of different types (based on soil type and plating technique), Sugarcane seedlings / Single bud planters, Earthing up equipment, Inter cultivation equipment, Tractor Drawn Sprayer, Trash shredders & Ratoon mangers (Off barring, Stubble shaving cum fertiliser applicator) and Mechanical Seedling Transplanters.

- Periodical demonstrations are being conducted with various machines in the farmer's fields for rapid adoption of all these implements to improve soil health, productivity and overcome labour shortage.

- The bottling unit was initially established in the year 1969 and is currently a franchisee bottler of The Coca-Cola Company.

- This division has four plants at Vemagiri, Kesavaram, Sathupally and Gopalapuram. These plants have the capacity to bottle aerated and non aerated beverages of the Coca-Cola company. It has facilities to bottle in glass bottles and PET bottles with blow moulding facilities for PET bottles. The franchise area covers three districts Viz., East Godavari, West Godavari and Khammam. Our company has one of the largest bottling capacities in South India.

- The company has bagged numerous awards in the past including the "Best Bottler of the Year Award" and "International Brand Bottler". It has also received the "Gold Award" for excellence in Quality and Sales. These awards are a testimony to the company's commitment to quality and excellence in all spheres of activity.

OBSERVATIONS:

1. The fire safety in the industrial plant was very good.
2. The workers were aware about the steps to be taken at the time of accidents and emergency.
3. Sufficient emergency exits were made for evacuation.

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4. The record for accidents in the plant was made according to the amount of damage done andnumber of causalities reported. Also the report was displayed on the notice board of each and every plant.
5. Zero (0) accidents reported from January 2019 to present.
6. Backup machineries were available for use in case of breakdown and maintenance of critical machines.
7. Maintenance of machines is carried out on regular basis to prevent breakdowns.
8. Workers, managers and engineers were in uniform of the industry which shows the discipline and uniformity.
9. The industry is OEM of large number of products.
10. Workers working under dusty and noisy environments were using face masks and ear plugsrespectively.
11. All the students were provided with dust masks during the visit.
12. 0 child labors in the industry.
13. First aid kits were available at the desks at each and every department.

HOSPITALITY:

The hospitality of all the people working there was overwhelming.

1. Excellent quality of lunch was provided and sponsored by the company to the students.
2. The industrial guides assigned to each group were very friendly and explained each and every detail without any hesitation and hurry.
3. The workers and the staff were very cooperative to the students.
4. Company also provided us tasty lunch after completion of visit.

INFRASTRUCTURE:

- The plants of the industry were clean and airy. Sufficient arrangements for lighting were made in the plant.
- Modern & automated machine tools were available and used by trained workers.
- Separate sheds are available for different stages of manufacturing.
- Factory outlet is also available and is properly maintained. A wide range of products are available for sale at the factory outlet.

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SUGGESTIONS:

1. Hydraulic presses can be used to save power and space instead of mechanical presses.
2. A medical dispensary can be helpful in case of medical emergency.
3. Fire hydrants should also be available in ware house.
4. The industry is spread across a huge area thus rain water harvesting and installation of solar roof panels can be implemented for water conservation and renewable energy extraction.

OUTCOME OF THE INDUSTRIAL VISIT / FIELD VISIT:

After completion of the programme, students will be able to understand the manufacturing process inside the plant and it was informative and exciting to learn about:

- Production, designing of the commodity
- Manufacturing plastic & glass bottles
- Water treatment plant & pasteurization process
- Preparation of the syrup & filling
- Quality Control & testing
- Controlling, packaging (Robotic) and labeling (Laser Print for coding) and distribution process.

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Industrial Visit - Report

ABSTRACT:

Department of Electronics and Communication Engineering organized an Industrial visit for 4th Semester engineering students at Satish Dhawan Space Centre- SHAR, Sriharikota on 31st May, 2022. The document contains a detailed report of the industrial visit.

INDUSTRY PROFILE:

- Satish Dhawan Space Centre - SDSC (formerly Sriharikota Range - SHAR) is a rocket launch centre (spaceport) operated by Indian Space Research Organization (ISRO). It is located in Sriharikota in Andhra Pradesh.
- The Centre provides world class launch base infrastructure for national and international customers in accomplishing diverse launch vehicle/satellite missions for remote sensing, communication, navigation & scientific purposes and is one among the best known names of the Spaceports of the world today.
- Sriharikota covers an area of about 43,360 acres (175sq.km) with a coastline of 50km. Eucalyptus, casuarina plantation, scrub jungle vegetation (including a few medicinal herbs), groves of coconut & palm and cane breaks around shallow fresh water ponds dominate the landscape of Sriharikota.
- The SHAR facility now consists of two launch pads, with the second built in 2005. The second launch pad was used for launches beginning in 2005 and is a universal launch pad, accommodating all of the launch vehicles used by ISRO.

PURPOSE OF VISIT:

1. Interaction between students and industry personnel.
2. To experience about the process of rocket launch.
3. To gain practical knowledge about the working models of rockets, environmental conditions, operation of rockets etc.
4. To make students aware about actual industry working and the industrial environment.

NOTEWORTHY MENTIONS:

Special thanks to:

1. Dr.M.Sreenivasa Reddy, Principal, and Dr.G.Sridevi Head of Department, Electronics and Communication Engineering approved the Industrial Visit andencouraged students and faculty members for the same.
2. P.Gopi Krishna, Group Director,MSG,SDSC SHAR for allowing the students to visit the industry premises.

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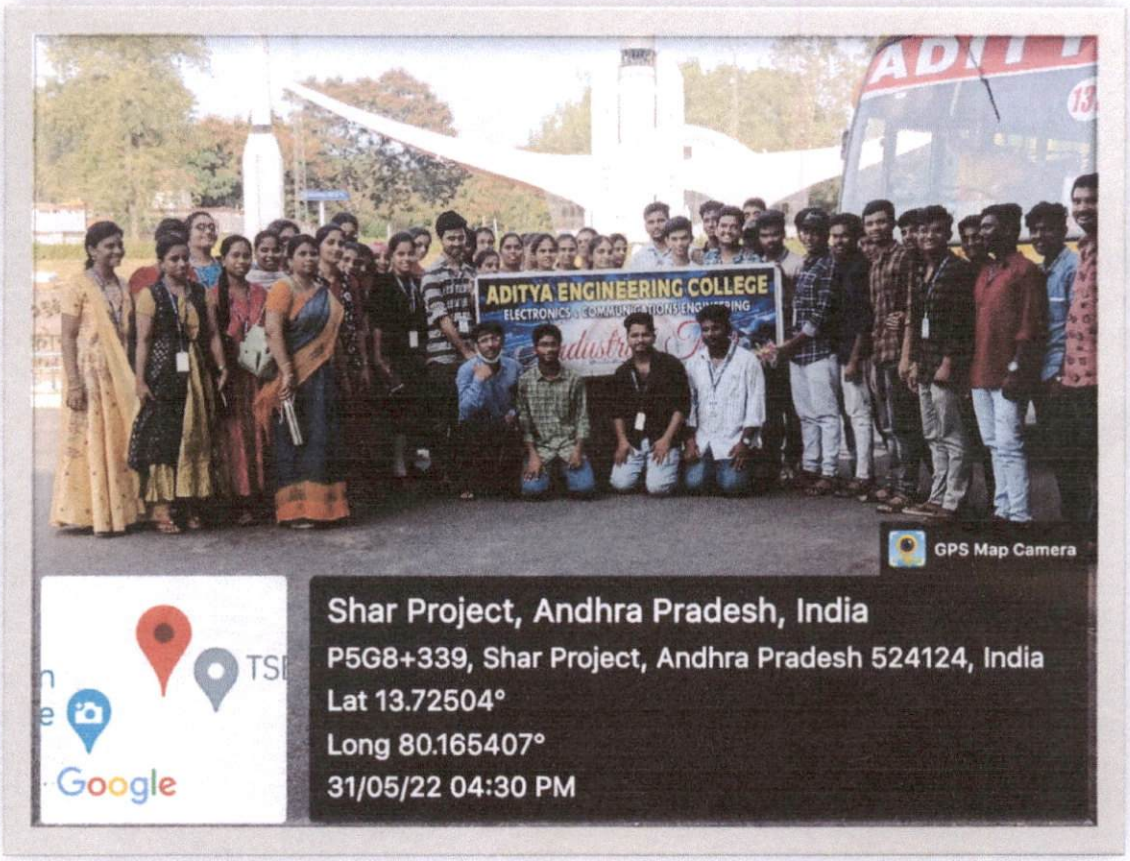
GROUND REPORT:

At 9:00 am, 114 B.Tech IV semester students along with four faculty members from Aditya Engineering College's Department of Electronics and Communication Engineering arrived at the destination as planned. The security personnel let the bus through Gate No. 1 and directed it to the spaceport entrance.



Industrial Visit - ISRO SDSC SHAR

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Industrial Visit - ISRO SDSC SHAR Main Gate

Industrial Visit - ISRO SDSC SHAR Museum

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Head of the Department
Department of E.C.E.
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- On 31st May by 10:00am, entered the Space Centre. After the security check taken to the Brahma Prakash Hall where most of the interaction sessions were held. Then guided by a host who explained in detail about the whole information of SDSC- SHAR and its history.

- The very next visited place is the Machine Control Centre(MCC). everyone got to know that this is the place where the complete launching details and machine observation is done. The MCC situated about 6km away from the launch complex, monitors and conducts the launch operations during the countdown phases until the injection of satellite into orbit. The important facilities at MCC include LCC(Launch Control Centre),real time network, VIP gallery, Video conference, etc.

- The Second Launch Pad caught everybody's attention with its huge structure and all new technologies. The first launch was PSLV-G/Cartosat-1.The recent launch was GSLV Mk II, the heaviest rocket weighing nearly 2 tons. Upcoming launch will be the GSLV Mark III, weighing 4 tons weight ,so called as "Bahubali of rockets".

- The First launch pad is also known as "THE GOLDEN LAUNCH PAD" because of its successful history. Here only PSLV'S are launched as it is the oldest launch pad. On the way to the first launch pad enjoyed the coastal view of Bay of Bengal. The first launch was PSLV/IRS-1E.The recent launch was PSLV-XL/EOS-04. also got to know about the Rohini Satellite which is completely used for weather reports.

- Had lunch at 1:30 pm, then visited the SPACE MUSEUM. It consists of three halls. The 1st Hall is completely about the space, galaxy, planets and rockets. the 2nd hall is about the complete structure of the space centre and history of rockets. The 3rd hall contains the models of satellites and radars that are used in rockets and signal systems. And then went to the presentation room where they displayed and presented the GREATNESS OF ISRO.

OBSERVATIONS:

1. The SDSC has two operational orbital launch pads.
2. The site also has a Telemetry, Tracking, Range Instrumentation, & Control centre, Liquid Propellant Storage, the Management Service Group.
3. The control centre at SHAR houses computers and data processing, closed circuit television, real-time tracking systems and meteorological observation equipment.
4. SDSC has infrastructure for launching satellites into low Earth orbit, polar orbit and geo-stationary transfer orbit.

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5. The centre also has facilities for launching sounding rockets for atmospheric studies.
6. New facilities include a Solid Stage Assembly Building, Satellite Preparation and Filling Facility and Hardware Storage buildings
7. The mission control is the focal point of controlling the vehicle.
8. Separate pipes are present to deliver cryogenic fuels, which are supplied at 180 degrees Celsius.
9. The fire safety in the Space Center was very good.
10. Sufficient emergency exits were made for evacuation.
11. First aid kits were available at each and every department.

HOSPITALITY:

The hospitality of all the people working there was overwhelming.

1. Good quality of lunch was provided to the students.
2. The Instructors assigned to each group were very friendly and explained each and every detail without any hesitation and hurry.

INFRASTRUCTURE:

- The SDSC has two operational orbital launch pads.
- The site also has a Telemetry, Tracking, Range Instrumentation, & Control centre for Range Operation
- The control centre at SHAR houses computers and data processing, closed circuit television, real-time tracking systems and meteorological observation equipment
- The facilities at SDSC are used for testing solid rocket motors, both at ambient conditions and simulated high altitude conditions.
- SDSC also has a S band Doppler weather radar[13] that contributes to India Meteorological Department
- Located nearer to the equator, Sriharikota is the ideal launch site for geostationary satellites.
- ISRO launches satellites using multistage rockets such as the Polar Satellite Launch Vehicle and the Geosynchronous Satellite Launch Vehicle from Sriharikota.
- Surrounded by the Bay of Bengal and Pulicat lake, Sriharikota makes for an ideal launch pad.

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SUGGESTIONS:

- ISRO's launch capacity should improve by constructing third launch pad.
- Need to encourage students to design small satellites.
- Water recycling facility must be implemented to save environment.

OUTCOME OF THE INDUSTRIAL VISIT:

- Understand the insight of the techniques & current technologies being implemented in the space station.
- Understand the use and importance of satellite control station, satellite launch pad 1-2 sound radar and radar navigation stations.
- Aware of how ISRO like organizations help in strengthening our nation's defence system.

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Industrial Visit - Report

ABSTRACT:

Department of Computer Science and Engineering organized an Industrial visit for 3rd Semester engineering students at Krify Software Company on 22/12/2021. The document contains a detailed report of the industrial visit.

INDUSTRY PROFILE:

- Krify is a Leading company and specialized in crafting the latest Mobile Apps, Software Applications, Web Applications and also in extending services like Digital Marketing, Quality Testing, Content Development, SEO, and many more.
- Krify wants to enhance its presence in Digital Marketing, which is one of the most happening wings of marketing.
- Krify Offered outstanding solutions and services to more than 400 Businesses across 26 countries.

Date of Incorporation	2005
Specialization	Mobile App Devlopment,Web Services,UX and UI Designing and Sales.
Catering to	India, Europe, Middle East and USA.
Office Address	**Krify Software Technologies (P) Ltd.** 7-39, Ratan Towers, ADB Road, Thimmapuram, KAKINADA, EGDT, Andhra Pradesh, Pincode:533005, India

PURPOSE OF VISIT:

1. Interaction between students and company personnel.
2. To make students aware about actual industry working and the industrial environment.
3. To develop awareness among students regarding Mobile App Devlopment and UI Devlopment.
4. To prepare students for selection of career in software industry.

NOTEWORTHY MENTIONS:

Special thanks to:

1. Dr.M.Sreenivasa Reddy, Principal, and Mrs.A.Vanathi,Head of Department,Computer science and Engineering approved Industrial Visit and encourage students and faculty for the same
2. Mr. Krishna Reddy Managing Director, CEO,Krify Pvt.Ltd. for allowing the students to visit the company.

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GROUND REPORT:

67 students of 4th semester, Computer Science and Engineering from Aditya Engineering College along with 2 faculty members reached the compnay according to planned route at 10:00 am. The security guard allowed the bus at Main Gate and guided for the entry of the company.

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SURAMPALEM - 533 437

- The General Manager of the compnay introduced the students and faculty members to employess of the company and 2 batches of students were made. Each batch was taken to different domains of the Company.
- Krify explored different horizons of designing and development of software, applications, entrepreneurial solutions and many more.One Team Leader discussed about the requirements needed for a startup company.He made students to know services and domains,where Krify works on it.
- Mr. Krishna,Senior Project Manager addressed the students about various domains like Software Engineering,Software Testing,IOT,App Development etc..He explained Specifically how to use Sprial Model for a Real Time Project
- The company supports a work environment that is competitive and challenging.Students received the information regarding career opportunities in

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Krify. Krify value bright people with superior critical-thinking and problem-solving abilities.

- Krify Offered outstanding solutions and services to more than 400 Businesses across 26 countries. Krify utter globally, contributing result-driven project management, technology and seamless communication.

- Krify is a Top Website development company in India, that focuses to improves your business in the most innovative ways possible. We design websites and web applications to be scalable, functional, and efficient for you to achieve your goals faster than ever before.

- Responsive Web application has a unique feature that allows the design to respond to the user based on his/her system, location, and stream. The feature comprises of a combination of grids and layouts which can be adjusted.

- At krify Software Technologies, the experienced Social Media Marketing Agency can manage social media networks such as Facebook, Instagram, Twitter and LinkedIn for our clients. They use the appropriate SMO Services to help businesses in order to have better visibility on social platforms

- Krify team designed & developed unique gaming solutions for iPhone & iPad based on questions and answers as fun games for gaining knowledge on various topics.

OBSERVATIONS:

1. The fire safety in the compapny was very good.2.
2. The workers were aware about the steps to be taken at the time of accidents and emergency.
3. Sensor based Hand Sanitizer is placed at every floor of the Building.Also following COVID-19 precautions strictly.
4. All the students were provided with masks during the visit.
5. 0 child labors in the industry.
6. First aid kits were available at the desks at each and every department.

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HOSPITALITY:

The hospitality of all the people working there was overwhelming.

1.Excellent quality of refreshments was provided and sponsored by the company to the students.

2.The company employees assigned to each group were very friendly and explained each and every detail without any hesitation and hurry.

3.The technical team and the staff were very cooperative to the students.

INFRASTRUCTURE:

1. The expanse of the company were clean and airy. Sufficient precautions for COVID-19 were taken.
2. High end computers are used to Software and AppDevlopment.
3. iTAAP (Information Technology Association of Andhra Pradesh) is a non-profit organization funded by the industry for the IT Business Process Management in Andhra Pradesh. iTAAP engages with the government on the design and policy framework which enhances growth, opportunities and competitiveness..

SUGGESTIONS:

1. A medical dispensary can be helpful in case of medical emergency.
2. Fire hydrants should also be available in ware house.

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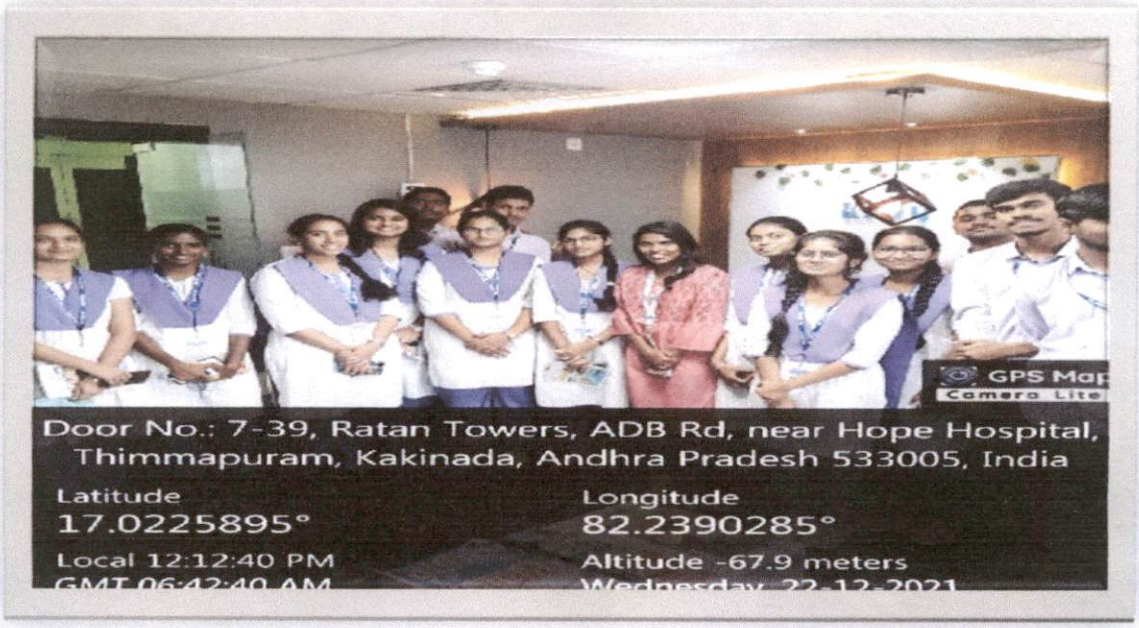

Industrial Visit at Krify Software Company.

OUTCOME OF THE INDUSTRIAL VISIT / FIELD VISIT:

1. Explore on Software Methodologies and Testing Tools.
2. Understand the Web development and App Devlopment
3. Facilitate students to gain knowledge on User Interface Design

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OBSERVATIONS:

- This Industrial visit is very helpful in future practical Life & bring a positive change in our thinking & practical behaviour regarding Education & specializing our technical skills.
- Got practical knowledge about the advancement in technology.
- Use of programming in field of IT.
- Different courses offered by training section
- Internships offered by the company
- Recruitment process.

HOSPITALITY:

The hospitality of all the people working there was over whelming.

1. The Instructors assigned to each group were very friendly and explained each and every detail without any hesitation and hurry.

SUGGESTIONS:

- Need to encourage students to do internships in the latest technologies

OUTCOME OF THE INDUSTRIAL VISIT / FIELD VISIT:

- Understand the insight of the techniques & current technologies being implemented in the company.
- Understand the use and importance of technology used in the software industry.

Head of the Department
Department of IT
Aditya Engineering College

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GROUND REPORT:

64 students of 4th semester, Information Technology from Aditya Engineering College along with 2 faculty members reached the place according to planned route at 10:00 A.M. The security staff allowed the bus through Gate and guided for the entry of the company.

Main Gate Entracne of Miracle Software Systems

Office Entrance of Miracle Software Solutions

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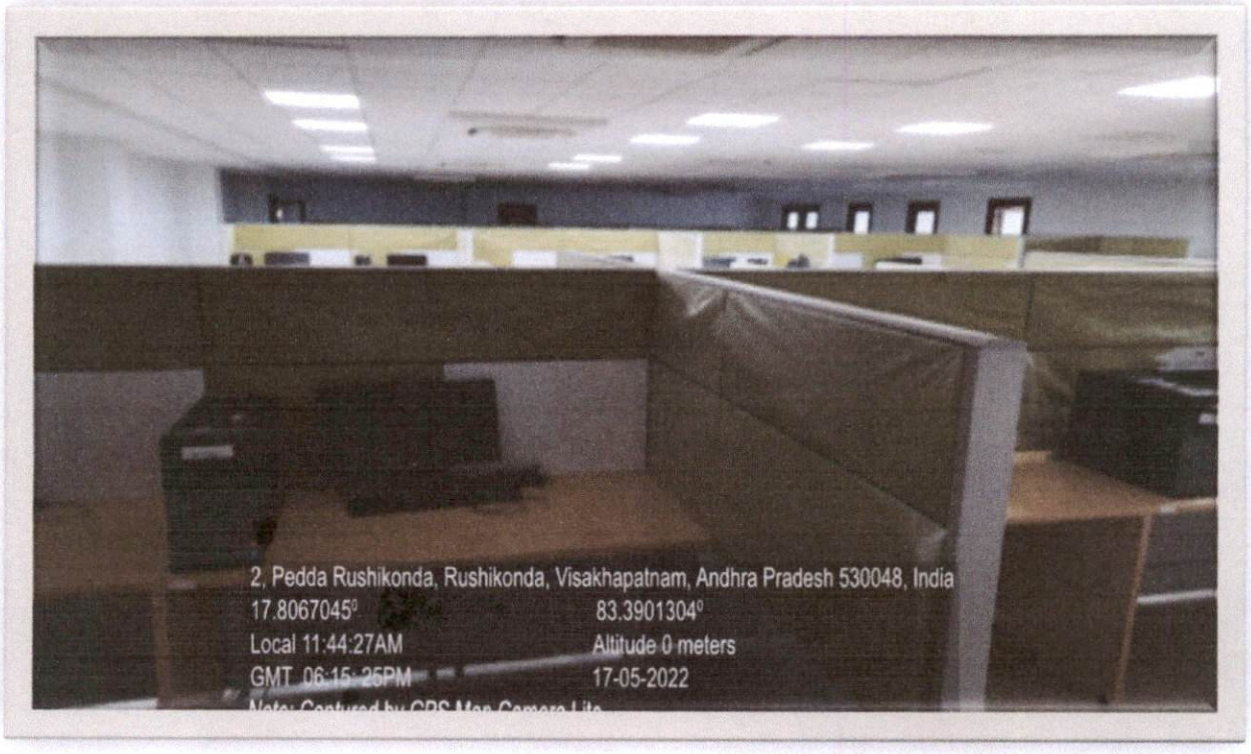
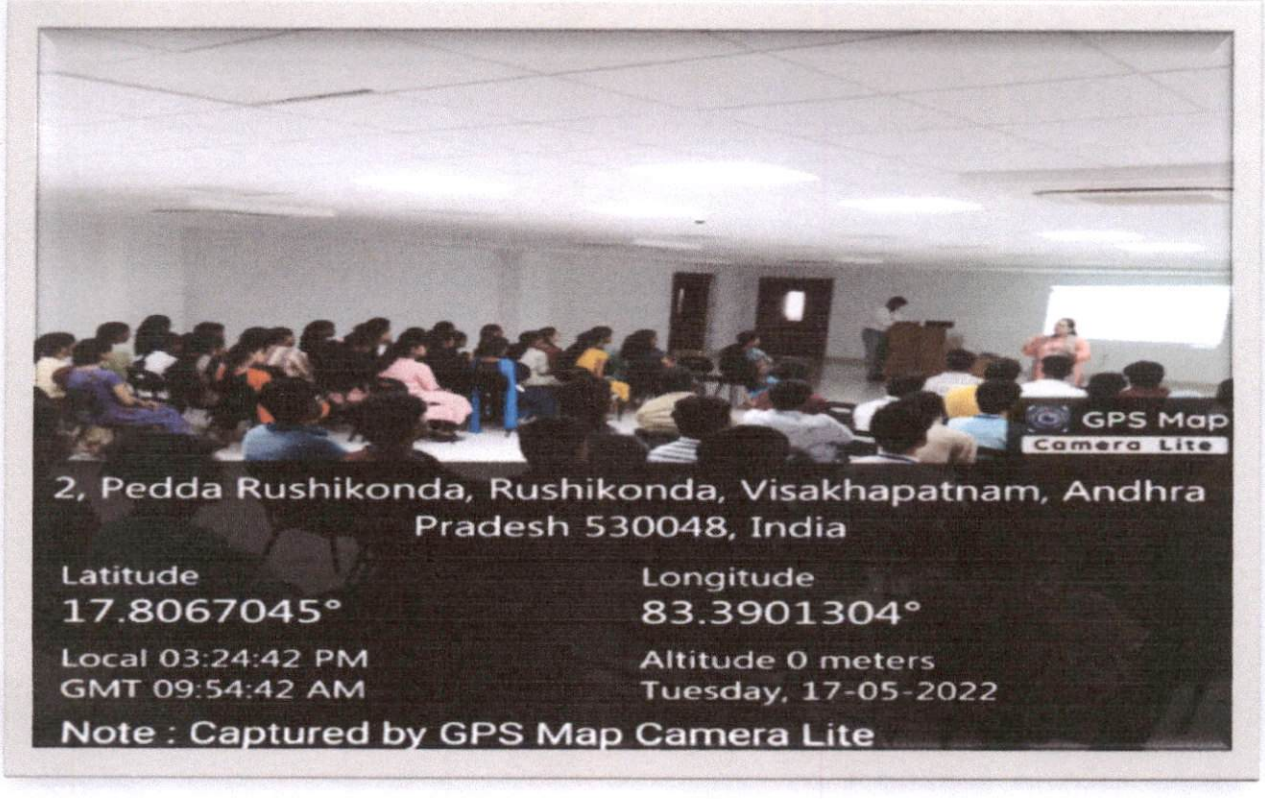


Work Premises of Miracle Software Systems



Student & Company Personnel Interaction Session

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Industrial Visit - Report

ABSTRACT:

Department of Agricutural Engineering organized an Industrial Tour for 4th Semester engineering students at Nursery & Landscape Expo, Agri Tech, Rajahmundry Andhra Pradesh, 2022. on 15th March, 2022. The document contains a detailed report of the industrial visit.

INDUSTRY PROFILE:

- Nursery / Landscape EXPO has always been the main event for the Green Industry where buyers and sellers come together to do business, and 2022 is no different. Meet face-to-face, discover new trends and expand your network to help your business—and the green industry—grow.
- The agriculture and horticulture sectors in Andhra Pradesh have entered into a revolutionary phase since the last few years. Small farmers have been taking bigger risks and experimenting with diverse cash crops, whereas large corporate houses are taking horticulture as a profitable business opportunity in terms of investments and latest technologies.
- Rajahmundry has made significant contributions to India's traditional Horticulture & Field crops cultivation. Increased area and production under Horticultural crops has put the state in a stronger position, highlighting the impending potential of Andhra Pradesh to increase its contribution steadily in the Indian economy by way of domestic supplies, exports and higher income to farmers.

PURPOSE OF VISIT:

1. Interaction between students and industry personnel.
2. To make students aware about hoerticulturenad agriculture and entrepreneurship.
3. To develop awareness among students regarding different landscape techniques.
4. To prepare students for selection of career in different departments of industry.

NOTE WORTHY MENTIONS:

Special thanks to:

1. Dr. M. Srinivasa Reddy, Principal, and Dr. N.V. Gowtham Deekashithulu, Department of Agricultural Engineering approved the Industrial Tour and encouraged the students and faculty members for the same.
2. Er. P.C. Vengaiah (Principal Scientist & Head) Dr.Y.S.R Horticultural Research Station Pandirimandi, Rampachodavaram for his help during the visit

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Head of the Department
Department of Agricultural Engineering
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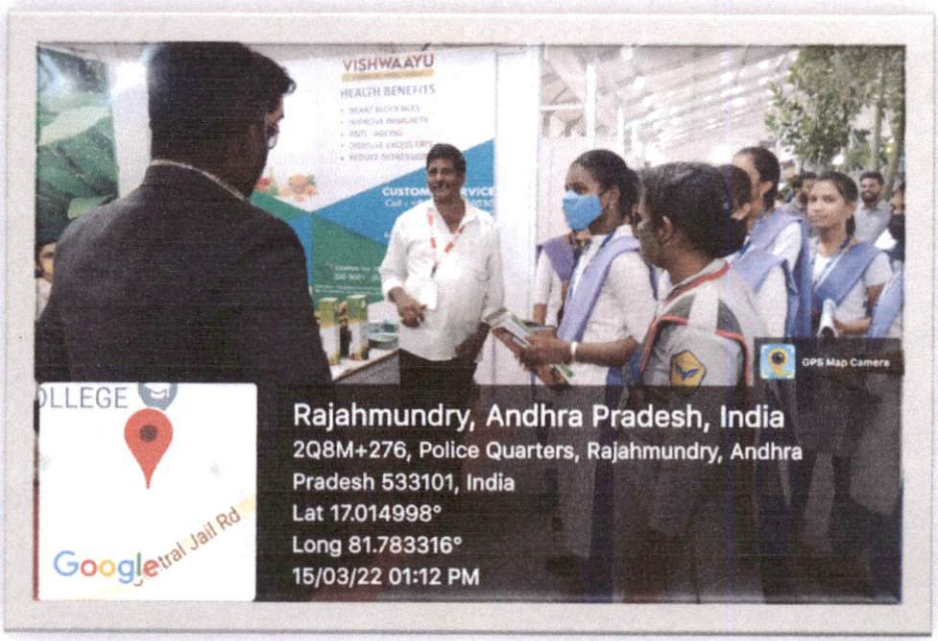
GROUND REPORT:

43 students of 4th semester, Agicultural Engineering from Aditya Engineering Collegealong with the 2 faculty members reached the Expo according to planned route at 10:00 AM.



Industrial Tour at Rajahmundry on Nursery and Landscape Expo

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Head of the Department
Department of Agricultural Engineering
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- The organizer of the EXPO introduced the students and faculty members to the organizing commiitte and 2 batches of students were made. Each batch was taken to different Exposure in Expo. Er. P.C. Vengaiah guided the students to the Hoeticulture and he explained and shoed the nursery related expo very patiently.
- The next visit is about the landscape, in this visit showcased how the horticultural and agricultural Plants grows in different ways like strip cropping, mixed cropping and terracing..
- Almost all types of nursery experts and industrial experts were came and interacted very well with students.
- The students were exposed to progressive agricultural technology including crops/seed production, water conservation technology, post harvest processing technology, and other technologies developed by thedifferent nursery and industries
- During the programme, students were imparted practical information on seed production process and distribution system in various cereal and pulse crops, insect-pest management in seed production, seed storage, seed processing, vegetable production and mushroom production.
- The whole tour was planned and executed with different types on hill agriculture coupled with exposure visits

OBSERVATIONS:

1. There were total more than industrial personnel came for visit.
2. Observed many water saving techniques, different types of nursery growing techniques, vegetable production techniques etc.
3. Some entrepreneurship classes also taken by the EXPO orgnizers.
4. All the students were provided with dust masks during the Expo
5. First aid kits were available at the desks at each and every corner of the expo.

HOSPITALITY:

The hospitality of all the people working there was overwhelming.

1. Excellent quality of lunch was provided and sponsored by the EXPO to the students.
2. Very accessible location for everyone of the students in Aditya Engineering College

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Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A)

INFRASTRUCTURE:

- The infrastructure was excellent enough to provide the maximum space for the expo.
- Every Company has given address for the correspondence in future for the students.

SUGGESTIONS:

1. More frequent exposures can be arranged for the student for better understanding of the practices and packages of the nursery.
2. Hands on traning may be arranged for the visitors.

OUTCOME OF THE INDUSTRIAL VISIT:

- The students were exposed to progressive agricultural technology including crops/seed production, water conservation technology, post harvest processing technology, and other technologies developed by thedifferent nursery and industries
- During the programme, students were imparted practical information on seed production process and distribution system in various cereal and pulse crops, insect-pest management in seed production, seed storage, seed processing, vegetable production and mushroom production.
- In the EXPO, the students were imparted information on improved varieties, improved crop production and crop protection technologies, seed production, small tools and farm machinery.

N.V.G.A

Head of the Department
Department of Agricultural Engineering
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