

1. Industrial Visit



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING,

- **Organizing Department** : Computer Science & Engineering
- **Name of Activity** : Industrial Visit to ISRO Centre Bangalore,
Four Days Visit to Bangalore, Mysore Sights Seeing
- **Date of Activity** : 3rd June 2022 to 7th June 2022
- **No. of Participants** : 109
- **Participants from** : SY, TY & Final Year Students of B. Tech. CSE &
Final Year Students of B.Tech.(E&TC)
- **Resource Person** : Interaction with scientist at U R Rao Satellite Center
- **Details of Activity** :

On student's request and with permission of Principal sir, four days industrial visit along with sights seeing to Bangalore & Mysore was planned from 3rd June 2022 to 7th June 2022. Permission letter to visit U R Rao Satellite Centre was received on 31st May 2022. All the permission process with list of students, faculty members and communication with them was done by Mrs. S. M. Mulla. They allowed the slot on 6th June 2022 to visit the U R Rao Satellite Centre. On Friday night 3rd June, 90 students from CSE department, 14 students from ENTC department, 3 faculty members along with 2 children, 2 non teaching staff members departed from the college.

On 4th and 5th June, we visited the famous places from Mysore city which includes Brindavan Garden (Colorful Garden with Fountain show), Chamundeshwari Temple, Sri Chama rajendra Zoological Gardens (also known as the Mysore Zoo) is one of the best zoological gardens in India, Mysore Palace, Sanjeevini Park. On 6th June we departed from Mysore early in the morning and reached to ISRO Centre Bangalore by 10:00 AM. After successful registration of 109 participants, they gave us ID cards of ISRO to visit U R Rao Satellite

Centre.

Dr.Srinivashad explained all the information about ChandrayaanI, Mars,Chandrayaan-II projects, and upcoming projects (GSAT-24) of ISRO with presentation. He gave information about satellite, their types, history of first satellite launch, all ISRO missions. He also allowed students to visit space exhibition. The space exhibition comprising of a display of satellite systems,scaled models of satellites and allied information on satellite technologies which is established for the benefit of school children/college community and for general visitors.

Students are encouraged by seeing various satellites models available there and helped to develop scientific temper in the young minds. Also Dr. Srinivas motivated students regarding ISRO jobs and told how to find & take up a career opportunity in ISRO. At the end he planned to visit students to their labs and satellite cleaning room for experiencing the real environment of the satellite launch.

- **Outcome of Activity:**

U R Rao Satellite Centre (URSC), Bangalore is the prime agency for realizing satellites for the Indian Space Program. The Indian Satellite Program has been built around the theme of providing technology-based solutions to Indian Society. So, students got excellent opportunity to visit and observe U R Rao Satellite Centre. This was the genuine field students observed where engineering applications required more and explored numerous problems for identifying projects.

- **How it Bridges gap between Industry and Academia:**

To address the increasing demands of satellites for national requirements, URSC is now looking for Indian Industries to support in the realization of different satellite subsystems. URSC plans to increase it s outsourcing industries. Students good exposure to new technologies which are used in the URSC and industry

• **Photos:**



Visit to U R Rao Satellite Centre(URSC),ISRO, Bangalore

Mrs.S. M.Mulla
HoD-CSE

Dr.VijayR.Ghorpade
Principal



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department** : MECHANICAL ENGINEERING.
- **Name of Activity** : ``Industrial Visit to M/s.Laxmi Ice Plant'' In Kolhapur City.
- **Date of Activity** : 23/12/2021
- **No. of Participants** : 170 Students of Batch.
- **Details of Activity** : As per curriculum of Shivaji University, Kolhapur.

We are arranged industrial visit to subject, 'Refrigeration Air-conditioning', our final year students from Bharati vidyapeeth's college of Engineering, Kolhapur participated in above visit. In this visit, our aim is to give practical knowledge about working of ice plant. So we visited various section of ice plant such as, Compressor unit, Condenser unit, Evaporator section etc.

1) Area Covered—Actual working of Vapor compression cycle.

2) In this visit students learnt about Primary, secondary refrigerant, working of agitator motor, Ice braking machined. In this visit our students from Mechanical Department has participated. This visit is arranged under guidance of Head of Dept. Prof..Dr.S.J.Kadam sir & subject in charge Prof.R.B.Lokapure sir.

- **Outcome of Activity** : Students learnt about Working of Ice plant, Actual Vapor compression cycle, also use of Primary and Secondary refrigerant etc.
- **How it Bridges gap between Industry and Academia:** -Due to this visit, students learnt and studied actual application of Vapor compression cycle & working of Ice plant
- **Photo:** Batch STUNETS PARTICIPATED IN VISIT.



VISIT TO VARIOUS SECTIONS OF ICE PLANT.



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Co-Ordinator

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HOD

[Handwritten Signature]

Principal



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Name of Activity** : Industrial Visit to Institute of satellite Telecom Pvt. Ltd
- **Name of Co-ordinator** : Dr.K.R.Desai
- **Date of Activity** : 21st September 2019
- **Number of Participants** :50
- **Details of Activity: -**

Industrial Training Program was organized to ISTC Pvt. Ltd, Pune on 30th September 2019 by Department of Electronics and Telecommunication Engineering of Bharati Vidyapeeth's College of Engineering, Kolhapur. Dr. K. R. Desai has organize this Industrial Training Program for the students of BE E&TC.Dr.K.R.Desai and Mrs.P.S. Mali co- ordinated this 1 day training program at ISTC centre. 50 students from BE E&TC participated in this program. ISTC is an institution in the field of satellite communications, is founded and established in 2000 by Mr. Krish K. Mehkarkar. Under his direction, ISTC has a versatile and experienced team of technical specialists providing system integration expertise in the development and implementation of satellite earth station and terrestrial head ends.

ISTC has its own state of the art facility for the production of its SATCOM products. With respect to our number of hours put under Research & development and also our experience and technical expertise in SATCOM inspires us to design, implement and produce a quality product for client. All products come with a 2 year comprehensive warranty. Their mission is to provide the best quality solution to our customer at an reasonable price, great quality and an extra ordinary after sales service. Thereafter at 1p.m. students were taken to the ISTC Industrial area to visit and introduction about the earth station equipments, V-sat antenna, its operation and its applications. Also they explained about various SATCOMM applications such as DTH, V-SAT, base-band

processing, modulator/demodulator, up/down converters, low noise amplifiers, HPA and practical, test measurement information.

• **Impact of Activity:**

- 1.Related theory concept for validation & testing techniques in Satellite Communications. Related theory concepts for uplink and downlink, and other earth station equipments
- 2.Manual & automatic testing methods for antenna mounts, reflector antennas and its principles,
- 3.Antenna drive and control, feed systems, antennasizing.etc
- 4.Brief introduction to 200 Watt HPA, Up-converter, Down-converter, 6.1 m Receive Antenna,
5. 9.1m Earth Station Antenna, Spectrum Analyzer, Power Met,X-Y Recorder, Strip Chart Recorder, 1.0 m KU-Band VSAT Antenna.
- 6.Different major components used in the making of antennas.
- 7.Some related videos of satellite launching stations were shown to students.

All the students were awarded a participation certificate. And at around 5:30 pm industrial visitwas over.

Photos:- At Institute of Satellite Telecom Pvt. Ltd. at Pune



Dr.K.R.Desai

HOD



Dr.Vijay.R.Ghorpade

Prinipal



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** Civil Engineering Department.
- **Name of Activity:** Site visit to study of pile foundation at Viraj City, Kagal
- **Name of Coordinator:** Prof. Nitish A. Mohite
- **Name of Resource Person:** Mr. Anil Vibhute, Site Engineer
- **Date of Activity:** 23rd April, 2022
- **Participants:** Third Year B. Tech. Civil Engineering students *Total 67 students.*

Details of Activity: A educational study visit was organized on 23rd April, 2022 to do study of pile foundation at Viraj City, Kagal for Third Year B. Tech. Civil Engineering students. The main reason behind this was to let student know things practically through interaction, working methods and employment practices. Moreover, it gave exposure from academic point of view. Technology development is a main factor, about which a student should have a good knowledge. Mr. Anil Vibhute Sir shared their views and experience of functioning, designing and detailing of pile foundation.

- **Outcome of Activity: Updating of Student's Knowledge.**
 1. Students can gain a combined knowledge about both theory and practical.
 2. To enhance their practical knowledge in subject GT-II (Geotechnical Engineering-II).
 3. Students understood how the functioning, planning, designing and detailing of pile foundation is done as per the IS code and what are the measure consequences at construction site while doing the site work.
- **Photo:**



P.J. Jadhav
Prof. P.J. Jadhav
Subject Teacher



N.A. Mohite
Prof. N.A. Mohite
Coordinator



V.S. Kadam
Prof. V.S. Kadam
H.O.D.

V.R. Ghorpade
Dr. V.R. Ghorpade
Principal



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** Civil Engineering Department.
- **Name of Activity:** Site visit to study of New Supertech RMC plant at Shiye, Kolhapur
- **Name of Coordinator:** Prof. Nitish A. Mohite
- **Name of Resource Person:** Mr. Suresh Jadhav and Panchal Sir, Engineer
- **Date of Activity:** 15th June, 2022
- **Participants:** Second Year B. Tech. Civil Engineering students *Total 65 Students*

Details of Activity: A educational study visit was organized on 15th June, 2022 to do the study of entire RMC plant and show the various processes involved in the production of ready mix concrete at New Supertech RMC plant, Shiye, Kolhapur for Second Year B. Tech. Civil Engineering students. The main reason behind this was to let student know things practically through interaction, working methods and employment practices. Moreover, it gave exposure from academic point of view. Technology development is a main factor, about which a student should have a good knowledge. Mr. Suresh Jadhav and Panchal Sir shared their views and explained thoroughly how the production of RMC is done maintaining the quality in time and as per the clients requirement. Vote of thanks was given by Prof. N.A. Mohite Sir.

- **Outcome of Activity: Updating of Student's Knowledge.**
 1. Students can gain a combined knowledge about both theory and practical.
 2. To enhance their practical knowledge in subject Concrete Technology.
 3. Students understood various processes involved in the production of ready mix concrete and what are the measure consequences to be remembered during the production of ready mix concrete.
- **Photo:**



N.A. Mohite
Prof. N.A. Mohite
Coordinator



P.J. Jadhav
Prof. P.J. Jadhav
Subject Teacher



V.S. Kadam
Prof. V.S. Kadam
H.O.D.

V.R. Ghorpade
Dr. V.R. Ghorpade
Principal