

**Bhujbal Knowledge City
MET's Institute of Pharmacy
Adgoan Nashik.**

Industrial Visit 2018-19

Vadivarhe Speciality Chemicals Ltd. Vadivarhe, Igatpuri

Details of the visit are as follows:

- **Name and Address of organization visited:** Vadivarhe Speciality Chemicals Ltd., Vadivarhe, Igatpuri
- **Date:** 23/08/2018 **Time:** 10 am onward
- **Mode of Transport:** College vehicle (Bus)

The following faculty members accompanied the students for the visit:

- Dr. Rani S Kankate, Prof. Sushil D. Patil.
- A total of **56** students took benefit of the visit arranged. List of the names of the students who visited the facility is attached with report.)

Highlights of the visit:

- MET'S Institute of Pharmacy, Nashik organized an industrial visit for the students of Final Year B.Pharm on 17th July 2018 and 18th July 2018 at **Vadivarhe Speciality Chemicals Ltd.**, Vadivarhe, Igatpuri
- Industrial visit is a part of curriculum at MET'S Institute of Pharmacy. The visit commenced with introduction by Mr. Krishnarao L. Patil and Mr. Jayant P. Bhangale at **Vadivarhe Speciality Chemicals Ltd.** about company's profile, facilities, growth and status. Then students were distributed in two groups. Students visited different departments of factory.
- The technical staff from industry explained the details like Process flow of manufacturing of API's starting from Entry of Raw material into the factory till finished product exit from factory. They explained various processes like Mixing, Synthetic reactions, Drying and collection of final product.

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- Students came across various instruments like Glass reactors, Stainless steel reactors with multipurpose use with capacity from 500 Liter to 3000 Liter. Also Flat Bed Dryer, Rotary Cone Vacuum Dryer, Tray Dryers, Boilers.
- Students have seen all the clean areas which are required for the manufacturing of API's and which is maintained as per GMP. Entry and Exit procedures to the clean rooms was explained to the students. Technical person from industry have explained Unit operations and Unit processes in detail.
- Other than manufacturing related activities, students also visited different department and sections like Engineering, utilities, Effluent treatment plant, Water systems etc. Technical staff also explained the principle and working of utility system of plant including water system, AHU system, Boiler system, Effluent treatment Plant.

This made our students to correlate their theory subject i.e. APIT with practical application in Pharma manufacturing field. Students have asked many questions related to their curiosity and technical person from the plant satisfied them with appropriate answers. Students have interacted very nicely and at the end they were good enough satisfied with visit.

Conclusion: Overall it was good learning experience for students at manufacturing of Active Pharmaceutical Ingredients, Intermediates and overall system of API manufacturing facility.

Acknowledgements: At the end of visit the faculty members of MET's IOP, acknowledged Mr. Arun Deshpande, Mr. Aniruddha Mhaske for giving opportunity to students for industrial exposure. VSCL team members Mr. Krishnarao L. Patil and Mr. Jayant P. Bhangale (Manager) were also acknowledged.

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Photogallery:

