

## Report on Industrial Visit

at

### Zentiva Private Ltd, Ankleshwar, Gujarat

<b>Date of visit</b>	9, 10 & 11 March,2023
<b>Place of visit</b>	Zentiva Private Ltd, Ankleshwar, Gujarat
<b>Coordinator from college</b>	Dr. Pranav Shah, Dr. Vilas Surana,Mr. Rahul Jha
<b>Approved by</b>	Dr. Shailesh A. Shah, Principal
<b>Participating student</b>	9 <sup>Th</sup> March: 22 Students (B.Pharm + M.Pharm) 10 <sup>Th</sup> March: 17 Students B.Pharm 11 <sup>Th</sup> March: 18 Students B.Pharm
<b>Accompanying faculty members</b>	Dr. Pranav Shah Dr. Vilas Surana Mr. Rahul Jha

Maliba Pharmacy College had planned an industrial visit to Zentiva Private Ltd, Ankleshwar on 9<sup>Th</sup>-11<sup>Th</sup> March, 2023. The students begun their journey at 8:00 AM from college and reached the destination at 9:45 AM. A brief overview about industry was given by Quality Control and Production heads. They discussed about the infrastructure, formulations and safety measures at the industry. The production head discussed in detail about the methods of manufacturing, packaging area and warehouse.

The breakfast was provided by industry before the field visit.

---

The plant layout, material as well as men flow, the sensitization and gowning procedure were explained in the detail to the students before entering into the premises. After wearing visitor's apron, shoe covers, mask and caps, the students were allowed to enter the premises. The students started visit from the production department followed by packaging facilities and then analysis (QC-QA) department. Overall, all the departments were nicely explained by the staff members.

---

The Following things were explained in detail in the industry:

1. Men flow
2. Raw materials and packaging material flow
3. Labelling to indicate status of material and label detail
4. Window to transfer the material from warehouse to production
5. Software for digital data maintenance.

The Following things were explained in detail in production area:

1. Dispensing area
2. Documents like BMR, SOPs, etc.
3. Washing area
4. Cleaning and validation
5. Granulation process steps, mechanism and equipment such as rapid mixer granulator, fluidized bed dryer.
6. Sampling technique for IPQC test
7. Tablet compression process and machine
8. Special precautions for light sensitive materials and radioactive elements.
9. Tablet defects due to compression variation and its remedies.
10. Tablet coating process and pan as well as auto coater.
11. Sorting and packaging operation: primary packaging area (Blister, botles, etc), secondary packaging area and tertiary packaging area.
12. Storage

The Following things were explained in detail in analysis department:

- Documentation
- Equipment for analysis like HPLC, GC, UV spectrophotometer, FTIR, dissolution apparatus and potentiometer
- Stability chamber

9<sup>th</sup> March



10<sup>th</sup> March



11<sup>th</sup> March

