

Regulations in the Pharmaceutical Industry
 Organization Chart



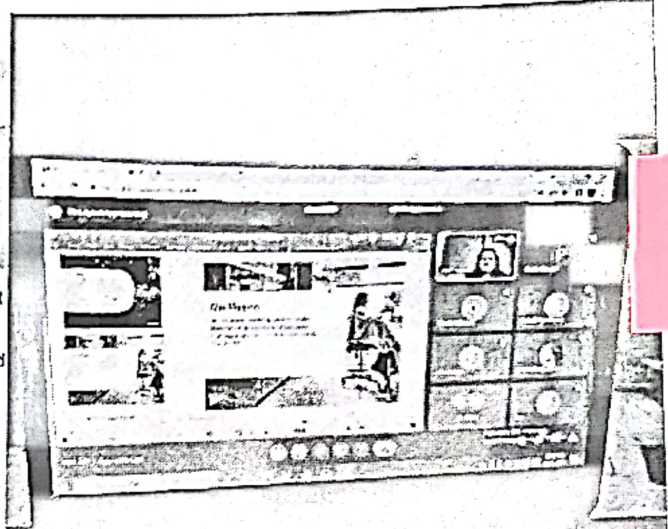
- ics**
- 8. Projects
 - 9. Regulatory Affairs
 - 10. Supply chain management
 - 11. Ware house
 - 12. Business development and strategic management
 - 13. Information Technology
 - 14. Finance
 - 15. Human Resources
 - 16. Administration
 - 17. Marketing
- ically manufactures bio similar products using downstream process and upstream processes.
 raw material is it self bio molecule used to produce same kind of bio molecule
 functional department of the business are:
 Production
 Quality Control
 Regulatory Assurance
 Process and development
 Technology Transfer
 Process Engineering
 Engineering services

Overview of the departments

Pharmaceutical Ingredients (API)

is particular business unit manufactures its drugs called APIs
 The raw materials used are chemically synthesized
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- 15. Human Resources
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- 17. Marketing



- The graduates will be knowledgeable about contemporary developments and technological challenges.
- The graduates will demonstrate ability to conduct experiments, collect, analyze and interpret data.
- The graduates will be able to design a process, a product or a system with consideration of social, environmental, safety, economics, ethics, and sustainability.
- The graduates will be able to formulate, execute and manage projects in the pharmaceuticals process and manufacturing.

It is a rapidly growing industry that is providing affordable medicines
 It is emerging as not only a global manufacturing base of the pharmaceutical industry but also as the hub for contract research, clinical trials, biotechnology and clinical data management services
 The Indian pharmaceutical industry comprises around 250 large units and about 90,000 small scale units that operate across the pharmaceutical value chain ranging from new drug discovery to marketing and distribution.

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