



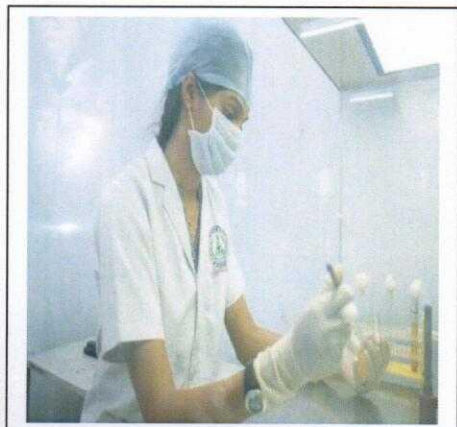
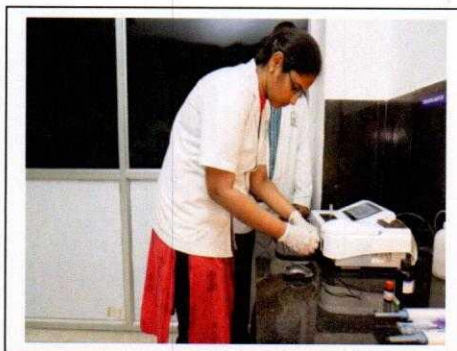
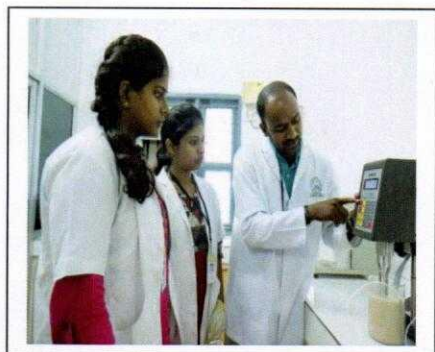
**Chebrolu Hanumaiah Institute of Pharmaceutical Sciences**  
Chandramoulipuram, Chowdavaram, Guntur – 522019, Andhra Pradesh.  
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### **Instrument Handling**

The module is designed to impart fundamental knowledge on principles behind the operation of various instruments available at the institute. Instrumental method of determining qualitative and quantitative analysis of drugs is essential for their understanding on drug testing. Therefore, providing students with a beforehand training on the handling of instruments provides better understanding and easy operation. This also creates better awareness of various theoretical aspects of pharmaceutical technology and their applications.

Module: This module developed on Instrument handling consists of

- 1) Making students aware of all the equipment present in various laboratories pertaining to pharmaceutical technology.
- 2) To review all the Standard Operating Procedures (SOP's), related to various equipment's on which various experimentations will be carried out.
- 3) Demonstration of step wise handling of instruments as per SOP's.
- 4) To evaluate the results obtained and Interpretation of the same.



  
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### **Animal Handling**

A separate module on animal handling was developed by the institute in order to create awareness about various techniques of handling experimental animals. In the present scenario, all the experiments to be carried out on animals at under graduate level are being demonstrated to students by using specialized pharmacological software's as per PCI recommendations. Therefore, there is a great need to provide basic handling techniques to students not only to make them aware of these techniques, but also to continue the art of handling experimental animals.

Module: The module developed on Animal Handling consists of

- 1) Understanding the basic structure of Animal house and its components.
- 2) Basic knowledge regarding different animals use for pharmacological experiments.
- 3) Precautions and safety measures to be taken before handling of experimental animals.
- 4) Step wise handling of experimental animals as per the process required during experimentation.



  
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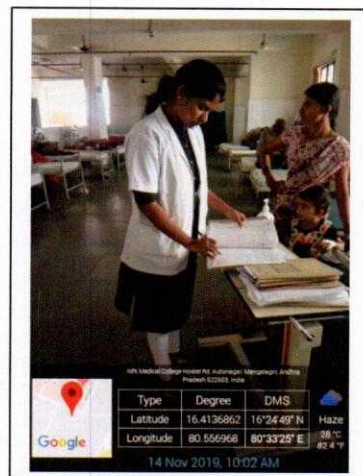
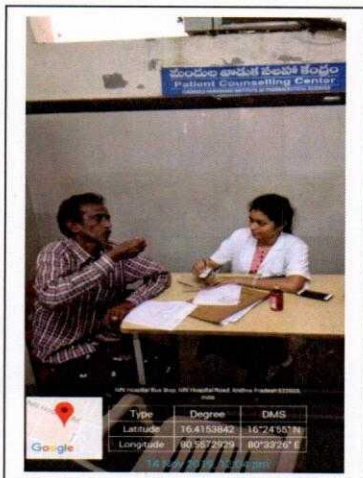
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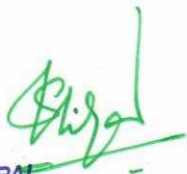
### Clinical Skills Symposium

This module is designed to impart the practice of pharmacy at the hospital settings by providing sound knowledge to students on various proceedings that happen in and around the hospital. It also highlights the importance of clinical pharmacist various aspects of drug use by inculcating concepts of ward round participation, drug and poison information services, pharmacovigilance, medication history interview, laboratory and clinical data assessment etc.,

**Module:** The module developed on Clinical Pharmacy Symposium consists of

1. Understanding the significance of ward round participation and ensuring its reciprocation in practical setting.
2. To understand the role of clinical pharmacist in detection, assessment of adverse drug reactions using causality assessment scales.
3. To know the significance of various clinical laboratory tests and their role in diagnosis of various ailments.
4. To understand the need of drug and poison information and training them to provide information as per systematic approach for answering drug information query.
5. To understand the concept of medication errors and identify them in a given case.



  
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### **Community Pharmacy Skills**

Community Pharmacy skills module was developed by the institute so as to meet the demand of changing scenario of pharmacy practice in India. Apart from the regular responsibility of dispensing of drugs, community pharmacists are entitled to perform other health care activities like responding to minor ailments, patient counselling, health screening services, medication adherence etc.

**Module:** The module developed on community pharmacy skills consists of

- 1) Understanding of community pharmacy layout and arrangement of drugs according to specified drug class.
- 2) To introduce the concept of patient counselling, various steps involved in it and ensuring their reciprocation in a practical manner.
- 3) To highlight the significance of Pharmaceutical Care and its importance in achieving overall quality of health in patients.
- 4) To identify their role in providing awareness regarding health education on various chronic diseases prevailing in the surrounding community.
- 5) To understand and monitor certain important health screening services such as Blood Pressure, Blood Glucose, Body Mass Index, Pulmonary Function test.



  
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