

DEPARTMENT OF PHARMACEUTICS

About Pharmaceutics:

The Department of Pharmaceutics, established in 2009 became the part of Jawaharlal Nehru Technological University from 2009. The department is having members faculty (Assistant Professor – 6) having rich teaching and research experience. The prime goal of the department is to disseminate the up-to-date knowledge in the field of Pharmaceutics by utilizing the latest teaching tools to the students, nurturing them adequately to serve the society by taking up Pharmaceutics as their career.

Department is equipped with good laboratory and infrastructural facilities for the benefit of all U.G and P.G courses.

The focused research areas of the department are:

- i) Preformulation studies,
- ii) Development of different pharmaceutical dosage forms including novel and nanotechnology-based drug delivery systems,
- iii) Evaluation of developed dosage forms with respect to various in vitro and in vivo parameters and
- iv) Studying the biopharmaceutical and pharmacokinetic aspects of the drug as well as its dosage forms.

Department's mission is to keep pace with a rapidly changing scientific environment in order to develop an efficient drug delivery systems beyond the needs of modern society.

The department in collaboration with other research divisions of the Faculty of Pharmacy and research centers across JNTUA-OTPRI is capable of providing a wide range of formulation development activities to facilitate the commercialization of pre-approved active pharmaceutical ingredients, new molecular entities, drug products, and other novel excipients.

Faculty

Job Prospects in Pharmaceutics

- Computer Drug Delivery Systems(CDDS)
- Novel drug delivery system
- Pharmaceutical Manufacturing Division
- Pharmaceutical Bulk Drug Division
- Formulation R & D
- Regulatory affairs

Career opportunities

- Production scientist
 - Pharmaceutical formulation development scientist
 - Regulatory officer
 - Pilot plant assistant
 - Associates in regulatory affairs
 - Medical Writers
 - Academics
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JNTUA OIL TECHNOLOGICAL PHARMACEUTICAL AND RESEARCH INSTITUTE , ANANTAPUR

DEPARTMENT OF PHARMACEUTICS



CLASS ROOM

Infrastructural facilities

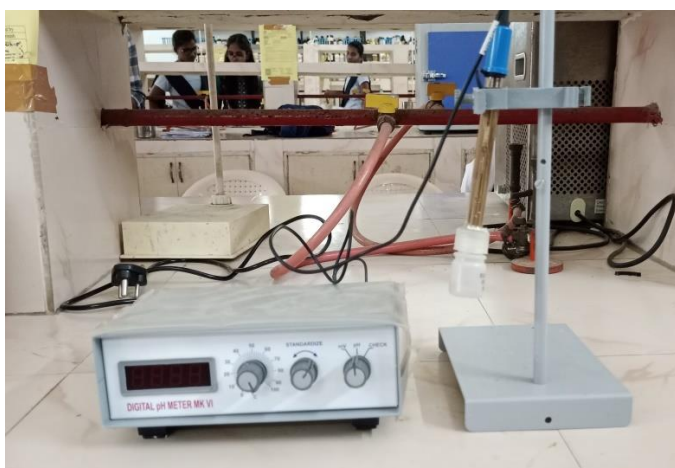
Class room with LCD projector: 2

Total number of Labs : 03

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HOT AIR OVEN



PH METER



DESICCATOR

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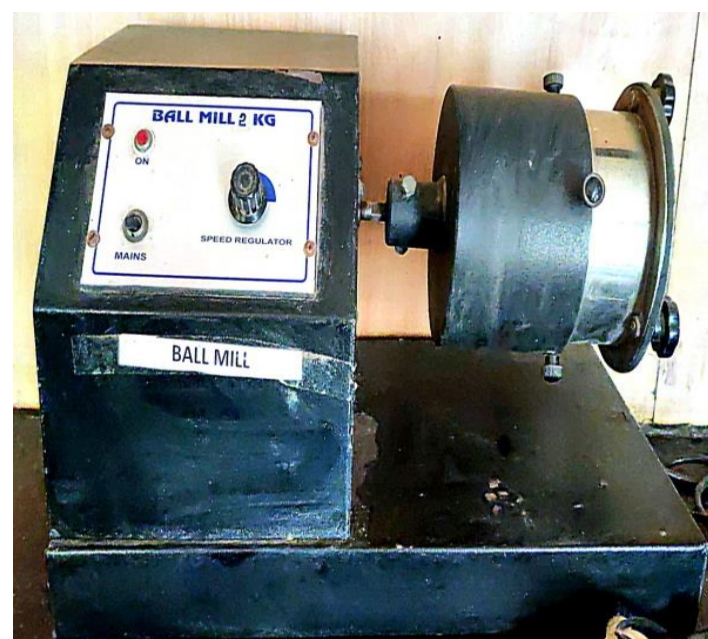
PUNCHING MACHINE



DISSOLUTION APPARATUS



BROOKFIELD VISCOMETER



BALL MILL