



# MEDARAMETLA ANJAMMA MASTAN RAO COLLEGE OF PHARMACY

Kesanupalli (Village), Narasaraopet, Palnadu (District), Andhra Pradesh -522601

(Approved by AICTE, PCI, New Delhi & Permanently Affiliated to Acharya Nagarjuna University)

Recognized by UGC under sec 2(f) & 12(B) & ISO Certified Institution)

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## Best Practice: 2

### 1. Title of the Practice

Industrial exposure to the students

### 2. Objectives of the Practice

The institute is striving for enhancing the institutional culture to serve the needs of an ever-changing and dynamic learning community. To serve this purpose, institute provides industrial exposure to the students in various ways.

- To provide the exposure to current research trends in pharmaceutical industry.
- To improve practical knowledge and technical skill of students
- To acquaint the students about various aspects in pharmaceutical industry like quality system existing in the organization, trouble shooting in formulation and manufacturing of pharmaceuticals, analytical method development and routine quality control of pharmaceuticals, Intellectual property rights, industry based regulatory needs, etc.
- To help students understand their strengths and weakness that can help them in selecting their career options.

### 3. The Context

The students get an opportunity to learn theoretical concept pertaining to drug discovery and development in the institute. During practical hours students also get an opportunity to perform experiments based on the concepts learned in classrooms. However, the problems encountered at laboratory.

### 4. The Practice

Institute provides a plethora of opportunities for corporate interactions such as:

#### a. Industrial Projects for M. Pharm. Students:

To congregate with the present desires, the students of M.Pharm Sem-III/IV are encouraged to do a part of their research project work in the pharmaceutical industries of repute. Students are benefited in terms of exposure to sophisticated instruments, formulation & development, validation activities such as analytical method validation etc. Students have successfully carried out their research work in pharmaceutical companies,



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Laboratories and research centers etc.

### **b. Industrial training:**

Students are encouraged to do one month industrial training in vacation to increase their knowledge regarding industry. The purpose of the industrial training is to expose the students to industrial environment, to know the standard procedures followed in the pharmaceutical industries, to enhance their knowledge and skill from what they have learned in the college and to instill the good qualities of integrity, responsibility and self confidence.

### **5. Evidence of Success**

- a.** The M. Pharm student's exposure to pharmaceutical industry has helped them to build their technical and interpersonal skills.
- b.** The industrial exposure of the students has helped them in selecting their career path.
- c.** Industrial visits enable students to co-relate their theoretical inputs with the large scale manufacturing of pharmaceuticals. It also creates a platform for the students to interact with executives from the industries.
- d.** Industrial training helps in increasing exposure of students to industrial environment and confidence build up.

### **6. Problems encountered and resources required:**

- a.** Most of the pharmaceutical industries do not allow publication of the research work done in R&D of industry in scientific journals.
- b.** Limited consultancy/research funding from industry.