

**ANDHRA UNIVERSITY**  
**Department of Engineering Chemistry, AU College of Engineering (A)**  
**5 YEAR INTEGRATED M.Sc. CHEMISTRY**  
**(Specialization: APPLIED CHEMISTRY)**  
 (With Effect from the Admitted Batch of 2016-2017 Academic Year)  
**SCHEME OF INSTRUCTION AND EXAMINATION**  
**SEMESTER X (15 Weeks Duration)**

| Code Number           | Course                                    | Teaching/<br>Lab hours<br>per week | Allotment of<br>Marks<br>External |              | Total<br>Marks | Credits   |
|-----------------------|---|------------------------------------|-----------------------------------|--------------|----------------|-----------|
|                       |   |                                    | External                          | Internal     |                |           |
| 10P1/<br>Practical- I | Project Work in an<br>Industry / R&D Unit | --                                 | 100                               | 100          | 200            | 15        |
|                       |   |                                    |                                   | <b>Total</b> | <b>200</b>     | <b>15</b> |

**Total Credits for VIII Semester**

|                     |             |
|---------------------|-------------|
| <b>Theory</b>       | <b>: 00</b> |
| <b>Project Work</b> | <b>: 15</b> |
| <b>Total</b>        | <b>: 15</b> |

**10P1/ PRACTICAL-I: PROJECT WORK**

1. Each student has to carry out project work in any Chemical/ Pharma Industry / R&D Unit/ organization during this semester in the areas of Synthesis/ Analysis/ Quality Control/ R&D/ etc. as assigned by the organization.
2. Each student has to work under the guidance and supervision of one Faculty Member of the Department and one Senior Officers of that Organization as per their requirement
3. Each student has to submit an Individual Project Report after completion of the project tenure along with service/ work proof documents/ certificates from competent authority of that Industry/ R& D Unit/ Organization.
4. The Project Report shall be Evaluated by the duly constituted members of DRC for 100 Marks (Internal) and the duly appointed External Examiner for 100 Marks (External) through a Presentation and Viva-Voce Examination.