

## X SEMESTER

**Course Code: 09ATXDCPTR**

**Course: Professional Training - II**

Max. SEE Marks (Viva-voce Exam): 100

CREDITS: 24

### **OBJECTIVE:**

To provide exposure to the various dimensions of architectural practice.

### **OUTLINE:**

The student is expected to be exposed to preparation of working drawing, detailing, preparation of architectural models, computer applications in design and drafting, filing system in respect of documents, drawing and preparation of tender documents. Site experience may be given in respect of supervision of the construction activity, observing the layout on site, study of the stacking methods of various building materials, study of taking measurement and recording.

Students will have to maintain a day to day record of their engagement for the period of training. This will be recorded in an authorized diary to be counter signed by the architect at the end of each month and the same diary shall be sent to the department once in a month. At the end of the training period, a student will have to produce a certificate of experience and satisfactory performance from the concerned office in the prescribed format.

The viva-voce marks shall be awarded based on the following works to be submitted by the student and presented during the viva.

- 1) Training Report: This shall contain copies of various drawings done by the student either drafted or designed. It shall also contain other works like photographs of sites visited, models done, computer output produced etc.,
- 2) Building Study – This shall be a detailed critical study of a building designed by the architect with whom the student has worked. It shall include the study of function, aesthetics, context, structure etc., This shall be presented through drawings, photographs, write ups etc.,
- 3) Building Material Study – This shall be a detailed study of a new or relatively new building material available in the market. A study of its properties, uses, cost, maintenance etc., is expected to be done. Samples of materials shall also be obtained and presented.
- 4) Detailing study – This shall be a study of any interesting detail done in the firm where the student has undertaken training. This shall include sketches and photographs of the detail.
- 5) A candidate failing in the viva examination shall repeat the training afresh for 16 weeks, the starting date coinciding with the beginning of a subsequent semester.
- 6) The student has the choice of working with the same architectural firm during the 9<sup>th</sup> and 10<sup>th</sup> semesters or with two different architectural firms. However, the work presented for the viva-voce exam shall relate only to the period of the corresponding semester. No work presented for 9<sup>th</sup> semester shall be presented again during the 10<sup>th</sup> semester.