JAIPUR ENGINEERING COLLEGE AND RESERCH CENTER

DEPARMENT OF CIVIL ENGINEERING

**LECTURE PLAN**

SUBJECT:- 4CE6A QUANTITY SURVEYING AND VALUATION YEAR/SEM II /IV

No of lecture Req…(AVE) 40

SEM START:-08/02/2016

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Unit Nos | TOPICS | Lect.  Req. | Lect.  Nos. | Date of  Delivery | Remark |
| UNIT I | 1Purouse and importance of estimate | 1 | 1 |  |  |
| 2.Types of Estimate | 2 | 3 |  |  |
| 3. Method of ESTIMATEES | 1 | 4 |  |  |
| 4 Mode of measurements. | 1 | 5 |  |  |
| 5.MEASURMENT sheet .Abstract of cost ,Bill of quantities | 1 | 6 |  |  |
| 6.Method of taking out the quantities | 2 | 8 |  |  |
|  |  |  |  |  |
| UNIT II  UNIT III | 7.task for AV artisan | 1 | 9 |  |  |
| 8.Factors involving in rate of items | 1 | 10 |  |  |
| 9.Material and lab our requirement for various trade | 2 | 12 |  |  |
| 10Preparation of rates for important items. | 3 | 15 |  |  |
| 11.Crrent Schedule of rates | 1 | 16 |  |  |
| UNIT-III |  |  |  |  |
| 12. Preparing the estimates of various types of Building. | 2 | 18 |  |  |
| 13 Preparing the estimates of R,C.C. works | 2 | 20 |  |  |
| 14 Preparing the estimates of E/W Calculation for ROAD work | 2 | 22 |  |  |
| 15 Preparing the estimates of Culverts. | 2. | 24 |  |  |
| 16.Services for building such as water supply , drainage and Electrification | 2 | 26 |  |  |
|  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| UNIT IV | 17.Factor effecting the cost of works | 1 | 27 |  |  |
| 18.Over head charges | 1 | 28 |  |  |
| 19.Contegencies and work charge establishment | 1 | 29 |  |  |
| 20. Various percentage for diff. services in building | 1 | 30 |  |  |
|  |  |  |  |  |  |
| UNIT V | 21.Purposes of valuation | 1 | 31 |  |  |
| 22.DEORECIATION | 1 | 32 |  |  |
| 23.Shinkage fund | 1 | 33 |  |  |
| 24.Years of purchase | 1 | 36 |  |  |
| 25.Gross &net income | 1 | 37 |  |  |
| 26.Dual rate interest | 1 | 38 |  |  |
| 27Methods of valuation | 1 | 39 |  |  |
| 28.Rent fixation of building | 1 | 40 |  |  |

**Recommended books:**

1. Estimating & costing by B.N.Dutta, UBS publishers & distributers