## VIDHYADEEP UNIVERSITY PROPOSED TEACHING SCHEME FOR B.TECH. COURSE COMPUTER ENGINEERING

| SEMESTE | R / YEAR | BE - 4 SEM - 7                |            |                |                 |                 |   |           |            |        |        |            |       |                            |     |    |     |       |       |
|---------|----------|-------------------------------|------------|----------------|-----------------|-----------------|---|-----------|------------|--------|--------|------------|-------|----------------------------|-----|----|-----|-------|-------|
| Sr. Su  | Subject  | Subject Name                  | Sub.       | No. of<br>Div. | No. of<br>Batch | Teaching Scheme |   |           |            |        | Total  | Total      | Total | Examination Scheme         |     |    |     |       |       |
| No.     | Code     |                               | Category   |                |                 |                 |   | (Hrs/Weel | <b>(</b> ) |        | TH+TUT | PR<br>Load | Load  | External Marks Internal Ma |     |    | rks | Total |       |
| 140.    | Code     |                               |            |                |                 | L               | T | P         | Total      | Credit | Load   |            |       | TH                         | PR  | FA | CAT | CAP   | Marks |
| 1       |          | PROFESSIONAL ELECTIVE - 4     | PE - 4     | 1              | 3               | 3               | 0 | 0         | 3          | 3      |        |            |       | 60                         | 0   | 0  | 40  | 0     | 100   |
| 2       |          | PROFESSIONAL ELECTIVE - 4 LAB | PE-LC-4    | 1              | 3               | 0               | 0 | 2         | 2          | 1      |        |            |       | 0                          | 30  | 0  | 0   | 20    | 50    |
| 3       |          | PROFESSIONAL ELECTIVE - 5     | PE - 5     | 1              | 3               | 3               | 0 | 0         | 3          | 3      |        |            |       | 60                         | 0   | 0  | 40  | 0     | 100   |
| 4       |          | PROFESSIONAL ELECTIVE - 5 LAB | PE-LC-5    | 1              | 3               | 0               | 0 | 2         | 2          | 1      |        |            |       | 0                          | 30  | 0  | 0   | 20    | 50    |
| 5       |          | OPEN ELECTIVE - 4             | OE - 4     | 1              | 3               | 2               | 0 | 0         | 2          | 2      |        |            |       | 60                         | 0   | 0  | 40  | 0     | 100   |
| 6       |          | OPEN ELECTIVE - 4 LAB         | OE -LC- 4  | 1              | 3               | 0               | 0 | 2         | 2          | 1      |        |            |       | 0                          | 30  | 0  | 0   | 20    | 50    |
| 7       |          | PROJECT - I                   | PROJECT    | 1              | 3               | 0               | 0 | 6         | 6          | 4      |        |            |       | 0                          | 120 | 0  | 0   | 80    | 200   |
| 9       |          | SUMMER INTERNSHIP#            | PROJECT    | 1              | 3               | 0               | 0 | 0         | 0          | 2      |        |            |       | 0                          | 0   | 0  | 0   | 0     | 0     |
| 10      |          | COMPILER DESIGN               | PCC-11     | 1              | 3               | 3               | 0 | 0         | 3          | 3      |        |            |       | 60                         | 0   | 0  | 40  | 0     | 100   |
| 11      |          | COMPILER DESIGN LAB           | PCC-LC -11 | 1              | 3               | 0               | 0 | 2         | 2          | 1      |        |            |       | 0                          | 30  | 0  | 0   | 20    | 50    |
| 12      |          | ARTIFICIAL INTELLIGENCE       | PCC- 12    | 1              | 3               | 3               | 0 | 0         | 3          | 3      |        |            |       | 60                         | 0   | 0  | 40  | 0     | 100   |
| 13      |          | ARTIFICIAL INTELLIGENCE LAB   | PCC-LC-12  | 1              | 3               | 0               | 0 | 2         | 2          | 1      |        |            |       | 0                          | 30  | 0  | 0   | 20    | 50    |
| Total   |          |                               |            | 1              | 3               | 14              | 0 | 16        | 30         | 25     | 14     | 48         | 62    | 180                        | 210 | 0  | 120 | 140   | 650   |

## # SUMMER INTERSHIP TO BE COMLPETED DURING SUMMER VACATION AFTER SECOND YEAR BUT BEFORE STARTING OF 7 SEMESTER.

| SEMESTER / YEAR |                 | BE - 4 SEM - 8                |          |        |              |                               |   |    |       |        |        |      |       |                    |     |                |     |       |       |
|-----------------|-----------------|-------------------------------|----------|--------|--------------|-------------------------------|---|----|-------|--------|--------|------|-------|--------------------|-----|----------------|-----|-------|-------|
| Sr.             | Subject<br>Code | Subject Name                  | Sub.     | No. of | No of        | Teaching Scheme<br>(Hrs/Week) |   |    |       |        | Total  |      | Total | Examination Scheme |     |                |     |       |       |
| No.             |                 |                               |          | Div.   | No. of Batch |                               |   |    |       |        | TH+TUT |      |       | External Marks     |     | Internal Marks |     | Total |       |
|                 |                 |                               | Category | DIV.   |              | L                             | T | P  | Total | Credit | Load   | Load | Load  | TH                 | PR  | FA             | CAT | CAP   | Marks |
| 1               |                 | PROFESSIONAL ELECTIVE - 6     | PE - 6   | 1      | 3            | 3                             | 0 | 0  | 3     | 3      |        |      |       | 60                 | 0   | 0              | 40  | 0     | 100   |
| 2               |                 | PROFESSIONAL ELECTIVE - 6 LAB | PE-LC-6  | 1      | 3            | 0                             | 0 | 2  | 2     | 1      |        |      |       | 0                  | 30  | 0              | 0   | 20    | 50    |
| 3               |                 | PROJECT - II                  | PROJECT  | 1      | 3            | 0                             | 0 | 10 | 10    | 4      |        |      |       | 0                  | 120 | 0              | 0   | 80    | 200   |
|                 | Total           |                               |          |        |              | 3                             | 0 | 12 | 15    | 8      | 0      | 0    | 0     | 60                 | 150 | 0              | 40  | 100   | 350   |