



**AY 2019-20: ODD SEMESTER**

| SN | Sem          | Course       | NBA Code | COS Code | PO MAPPING |     |     |     |     |     |     |     |     |      |      |      | PSO'S |      |   |   |   |
|----|--------------|--------------|----------|----------|------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-------|------|---|---|---|
|    |              |              |          |          | PO1        | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1  | PSO2 |   |   |   |
| 1  | III Semester | 18MAT31      | C201     | C201.1   | 3          | 2   | 1   |     |     |     |     |     |     |      |      | 1    |       |      |   |   |   |
|    |              |              |          | C201.2   | 3          | 2   | 1   |     |     |     |     |     |     |      |      |      |       |      |   |   |   |
|    |              |              |          | C201.3   | 3          | 2   | 2   |     |     |     |     |     |     |      |      |      |       | 1    |   |   |   |
|    |              |              |          | C201.4   | 3          | 3   | 1   |     |     |     |     |     |     |      |      |      |       | 1    |   |   |   |
|    |              |              |          | C201.5   | 3          | 3   | 1   |     |     |     |     |     |     |      |      |      |       | 1    | 1 |   |   |
|    |              |              |          | C201     | 3          | 2.4 | 1.2 |     |     |     |     |     |     |      |      |      |       | 1    | 1 |   |   |
| 2  |              | III Semester | 18CS32   | C202     | C202.1     | 3   | 1   |     |     |     |     |     |     |      |      |      | 2     | 2    | 1 |   |   |
|    |              |              |          |          | C202.2     | 3   | 2   | 1   |     |     |     |     |     |      |      |      |       | 2    | 2 | 1 |   |
|    |              |              |          |          | C202.3     | 3   | 2   | 1   |     |     |     |     |     |      |      |      |       |      | 2 | 2 | 1 |
|    |              |              |          |          | C202.4     | 3   | 2   | 2   |     |     |     |     |     |      |      |      |       |      | 2 | 2 | 1 |
|    |              |              |          |          | C202.5     | 3   | 1   | 2   |     |     |     |     |     |      |      |      |       |      | 2 | 2 | 1 |
|    |              |              |          |          | C202       | 3   | 1.6 | 1.5 |     |     |     |     |     |      |      |      |       |      | 2 | 2 | 1 |
| 3  | III Semester |              | 18CS33   | C203     | C203.1     | 3   | 3   | 2   | 2   | 1   |     |     |     |      |      |      |       | 1    | 1 |   |   |
|    |              |              |          |          | C203.2     | 3   | 3   | 3   | 2   | 1   |     |     |     |      |      |      |       |      | 1 | 1 |   |
|    |              |              |          |          | C203.3     | 3   | 3   | 3   | 2   | 1   |     |     |     |      |      |      |       |      | 1 | 1 |   |
|    |              |              |          |          | C203.4     | 3   | 3   | 3   | 2   | 1   |     |     |     |      |      |      |       |      | 1 | 1 |   |
|    |              |              |          |          | C203.5     | 3   | 3   | 3   | 2   | 1   |     |     |     |      |      |      |       |      | 1 | 1 |   |
|    |              |              |          |          | C203       | 3   | 3   | 2.8 | 2   | 1   |     |     |     |      |      |      |       |      | 1 | 1 |   |
| 4  |              | III Semester | 18CS34   | C204     | C204.1     | 3   |     |     |     |     |     |     |     |      |      |      | 2     | 1    | 1 |   |   |
|    |              |              |          |          | C204.2     | 3   |     |     |     |     |     |     |     |      |      |      |       | 2    | 1 | 1 |   |
|    |              |              |          |          | C204.3     | 3   | 1   |     |     |     |     |     |     |      |      |      |       |      | 2 | 1 | 1 |
|    |              |              |          |          | C204.4     | 3   | 2   | 2   |     |     |     |     |     |      |      |      |       |      | 2 | 1 | 1 |
|    |              |              |          |          | C204.5     | 3   |     |     |     |     |     |     |     |      |      |      |       |      | 2 | 1 | 1 |
|    |              |              |          |          | C204       | 3   | 1.5 | 2   |     |     |     |     |     |      |      |      |       |      | 2 | 1 | 1 |
| 5  | III Semester |              | 18CS35   | C205     | C205.1     | 3   | 2   |     | 1   |     |     | 1   |     |      | 2    |      | 2     | 1    | 3 |   |   |
|    |              |              |          |          | C205.2     | 3   | 1   |     |     |     |     |     |     |      |      |      |       | 2    | 1 | 3 |   |
|    |              |              |          |          | C205.3     | 3   | 2   | 2   |     |     |     |     |     |      |      |      |       | 2    | 1 | 3 |   |
|    |              |              |          |          | C205.4     | 3   | 2   |     |     |     |     |     |     |      |      |      |       | 2    | 1 | 3 |   |
|    |              |              |          |          | C205.5     | 3   | 2   |     | 1   |     |     |     |     |      |      | 2    | 2     | 2    | 1 | 3 |   |
|    |              |              |          |          | C205       | 3   | 1.8 | 2   | 1   |     |     | 1   |     |      | 2    | 2    | 2     | 2    | 1 | 3 |   |
| 6  |              | III Semester | 18CS36   | C206     | C206.1     | 3   | 3   | 2   | 2   |     | 1   |     | 1   | 1    | 1    |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C206.2     | 3   | 3   | 2   | 2   |     | 1   |     | 1   | 1    | 1    |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C206.3     | 3   | 3   | 2   | 2   |     | 1   |     | 1   | 1    | 1    |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C206.4     | 3   | 3   | 2   | 3   |     | 1   |     | 1   | 1    | 1    |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C206.5     | 3   | 3   | 2   | 3   |     | 1   |     | 1   | 1    | 1    |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C206       | 3   | 3   | 2   | 2.4 |     | 1   |     | 1   | 1    | 1    |      | 2     | 2    | 2 |   |   |
| 7  | III Semester |              | 18CSI37  | C207     | C207.1     | 3   | 2   | 2   | 2   | 1   |     |     | 3   | 3    | 2    |      |       | 1    | 1 |   |   |
|    |              |              |          |          | C207.2     | 3   | 3   | 3   | 2   | 1   | 1   | 1   | 3   | 3    | 2    | 1    | 1     | 1    | 1 |   |   |
|    |              |              |          |          | C207.3     | 3   | 3   | 3   | 2   | 1   | 1   | 1   | 3   | 3    | 2    | 1    | 1     | 1    | 1 |   |   |
|    |              |              |          |          | C207.4     | 3   | 3   | 3   | 2   | 1   | 1   | 1   | 3   | 3    | 2    | 1    | 1     | 1    | 1 |   |   |
|    |              |              |          |          | C207.5     | 3   | 2   | 2   | 1   | 3   |     |     | 3   | 2    | 2    | 1    | 1     | 1    | 1 |   |   |
|    |              |              |          |          | C207       | 3   | 2.6 | 2.6 | 1.8 | 1.4 | 1   | 1   | 3   | 2.8  | 2    | 1    | 1     | 1    | 1 |   |   |
| 8  |              | III Semester | 18CSI38  | C208     | C208.1     | 3   | 2   | 2   | 2   |     |     |     | 1   | 1    |      |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C208.2     | 3   | 2   | 2   | 2   |     |     |     | 1   | 1    |      |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C208.3     | 3   | 2   | 2   | 2   |     |     |     | 1   | 1    |      |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C208.4     | 3   | 2   | 2   | 2   |     |     |     | 1   | 1    |      |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C208.5     | 3   | 2   | 2   | 2   |     |     |     | 1   | 1    |      |      | 2     | 2    | 2 |   |   |
|    |              |              |          |          | C208       | 3   | 2   | 2   | 2   |     |     |     | 1   | 1    |      |      | 2     | 2    | 2 |   |   |
| 1  | III Semester |              | 17CS51   | C301     | C301.1     | 2   | 2   |     |     |     | 1   |     |     |      |      |      | 1     | 1    | 1 |   |   |
|    |              |              |          |          | C301.2     | 2   | 2   |     |     |     | 1   |     |     |      | 2    |      |       | 1    | 1 | 1 |   |
|    |              |              |          |          | C301.3     | 2   | 2   |     |     |     | 1   |     |     |      | 1    | 1    |       | 1    | 1 | 1 |   |
|    |              |              |          |          | C301.4     | 2   | 2   |     |     |     | 1   |     |     |      |      | 1    |       | 1    | 1 | 1 |   |
|    |              |              |          |          | C301.5     | 2   | 2   |     |     |     | 1   |     |     |      |      |      |       | 1    | 1 | 1 |   |
|    |              |              |          |          | C301       | 2   | 2   |     |     |     | 1   |     |     |      | 1.5  | 1    |       | 1    | 1 | 1 |   |
| 2  |              | III Semester |          |          | C302.1     | 3   |     |     |     |     |     |     |     |      |      |      | 2     | 1    | 1 |   |   |
|    |              |              |          |          | C302.2     | 3   |     |     |     |     |     |     |     |      |      |      |       | 2    | 1 | 1 |   |

|        |            |       |        |         |      |        |     |     |   |   |   |   |     |   |   |   |   |   |   |   |     |     |     |
|--------|------------|-------|--------|---------|------|--------|-----|-----|---|---|---|---|-----|---|---|---|---|---|---|---|-----|-----|-----|
| 2      | V Semester | 17CS5 | C302   | C302.3  | 3    | 1      |     |     |   |   |   |   |     |   |   |   | 2 | 1 | 1 |   |     |     |     |
|        |            |       |        | C302.4  | 3    | 2      | 2   |     |   |   |   |   |     |   |   |   |   |   |   | 2 | 1   | 1   |     |
| 3      | 17CS53     | C303  | C302.5 | 3       |      |        |     |     |   |   |   |   |     |   |   |   |   | 2 | 1 | 1 |     |     |     |
|        |            |       | C302   | 3       | 1.5  | 2      |     |     |   |   |   |   |     |   |   |   |   |   | 2 | 1 | 1   |     |     |
|        |            |       | C303.1 | 3       | 2    | 1      |     |     |   |   |   |   |     |   |   |   |   |   |   | 2 | 3   | 2   |     |
|        |            |       | C303.2 | 3       | 2    | 1      |     |     | 3 |   |   |   |     |   |   |   |   |   |   |   | 2   | 3   | 2   |
|        |            |       | C303.3 | 3       | 2    | 1      |     |     |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 3   | 2   |
|        |            |       | C303.4 | 3       | 2    | 1      | 1   |     |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 3   | 2   |
|        |            |       | C303.5 | 3       | 3    | 2      | 2   |     |   | 2 |   |   |     |   |   | 3 |   |   |   |   | 2   | 3   | 2   |
| 4      | 17CS54     | C304  | C303   | 3       | 2.2  | 1.2    | 1.5 | 3   | 2 |   |   |   |     | 3 |   |   |   |   |   | 2 | 3   | 2   |     |
|        |            |       | C304.1 | 3       | 3    | 3      | 2   |     |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   | 2   |
|        |            |       | C304.2 | 3       | 3    | 3      | 2   |     |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   | 2   |
|        |            |       | C304.3 | 3       | 3    | 3      | 2   |     |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   | 2   |
|        |            |       | C304.4 | 3       | 3    | 3      | 2   |     |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   | 1   |
|        |            |       | C304.5 | 3       | 3    | 3      | 2   |     |   |   |   |   |     |   |   |   |   |   |   |   | 1   | 1   | 1   |
|        |            |       | C304   | 3       | 3    | 3      | 2   |     |   |   |   |   |     |   |   |   |   |   |   |   | 1.8 | 1.8 | 1.6 |
| 5      | 17CS553    | C307  | C307.1 | 3       | 1    |        |     |     |   |   |   |   |     |   |   |   |   |   |   |   |     | 1   |     |
|        |            |       | C307.2 | 3       |      | 1      |     |     |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   |     |
|        |            |       | C307.3 | 3       |      | 1      |     |     |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   |     |
|        |            |       | C307.4 | 3       | 2    | 1      |     | 2   |   |   |   |   |     |   |   |   |   |   |   |   | 1   | 1   | 2   |
|        |            |       | C307.5 | 3       | 2    | 1      |     | 2   | 1 |   |   |   |     |   |   |   |   |   |   |   | 1   | 1   | 2   |
|        |            |       | C307   | 3       | 1.67 | 1      |     | 2   | 1 |   |   |   |     |   |   |   |   |   |   |   | 1   | 1.5 | 1.8 |
|        |            |       | 6      | 17CS564 | C312 | C312.1 | 3   | 2   | 2 |   | 1 |   |     |   |   | 2 |   |   |   |   |     |     | 2   |
| C312.2 | 3          | 2     |        |         |      | 2      |     | 1   |   |   |   |   |     | 2 |   |   |   |   |   | 2 | 2   | 2   |     |
| C312.3 | 3          | 2     |        |         |      | 2      |     | 1   |   |   |   |   |     | 2 |   |   |   |   |   | 2 | 2   | 2   |     |
| C312.4 | 3          | 2     |        |         |      | 2      |     | 1   |   |   |   |   |     | 2 |   |   |   |   |   |   | 2   | 2   | 2   |
| C312.5 | 3          | 2     |        |         |      | 2      |     | 1   |   |   |   |   |     | 2 |   |   |   |   |   |   | 2   | 2   | 2   |
| C312   | 3          | 2     |        |         |      | 2      |     | 1   |   |   |   |   |     | 2 |   |   |   |   |   |   | 2   | 2   | 2   |
| 7      | 17CSL57    | C314  |        |         |      | C314.1 | 3   | 3   |   | 2 |   |   |     |   |   | 3 | 3 |   |   |   |     |     | 2   |
|        |            |       | C314.2 | 3       | 3    | 1      | 2   |     |   |   |   |   |     | 3 | 3 |   |   |   |   |   | 2   | 2   | 1   |
|        |            |       | C314.3 | 3       | 3    |        | 2   | 3   |   |   |   |   | 1   | 3 | 3 |   |   |   |   |   | 2   | 2   | 1   |
|        |            |       | C314.4 | 3       | 3    |        | 2   | 3   |   |   |   |   | 1   | 3 | 3 |   |   |   |   |   | 2   | 1   | 2   |
|        |            |       | C314.5 | 3       | 3    |        | 2   | 3   |   |   |   |   | 1   | 3 | 3 |   |   |   |   |   | 2   | 1   | 2   |
|        |            |       | C314   | 3       | 3    | 1      | 2   | 3   |   |   |   |   | 1   | 3 | 3 |   |   |   |   |   | 2   | 1.6 | 1.4 |
|        |            |       | 8      | 17CSL58 | C315 | C315.1 | 3   | 3   | 3 | 2 | 2 |   |     |   | 1 |   |   |   |   |   |     |     | 2   |
| C315.2 | 3          | 3     |        |         |      | 3      | 2   | 2   |   |   |   |   | 1   |   |   |   |   |   |   |   | 2   | 3   | 2   |
| C315.3 | 3          | 3     |        |         |      | 3      | 2   | 2   |   |   |   |   | 1   |   |   |   |   |   |   |   | 2   | 3   | 2   |
| C315.4 | 3          | 3     |        |         |      | 3      | 2   | 2   |   |   |   |   | 1   |   |   |   |   |   |   |   | 2   | 3   | 2   |
| C315.5 | 3          | 3     |        |         |      | 3      | 3   | 3   | 2 |   |   |   | 3   | 3 | 3 | 3 |   |   |   |   | 2   | 3   | 2   |
| C315   | 3          | 3     |        |         |      | 3      | 2.2 | 2.2 | 2 |   |   |   | 1.4 | 3 | 3 | 3 |   |   |   |   | 2   | 3   | 2   |
| 1      | 15CS71     | C401  |        |         |      | C401.1 | 3   | 2   | 2 |   | 2 |   |     |   |   |   |   |   |   |   |     |     | 3   |
|        |            |       | C401.2 | 3       | 2    | 2      |     | 2   |   |   |   |   |     |   |   |   |   |   |   |   | 3   | 2   | 2   |
|        |            |       | C401.3 | 3       | 2    | 2      |     | 2   |   |   |   |   |     |   |   |   |   |   |   |   | 3   | 2   | 2   |
|        |            |       | C401.4 | 3       | 2    | 2      | 2   | 2   |   |   |   |   |     |   |   |   |   |   |   |   | 3   | 2   | 2   |
|        |            |       | C401.5 | 3       | 2    | 2      | 2   | 2   |   |   |   |   |     |   |   |   |   |   |   |   | 3   | 2   | 2   |
|        |            |       | C401   | 3       | 2    | 2      | 2   | 2   |   |   |   |   |     |   |   |   |   |   |   |   | 3   | 2   | 2   |
|        |            |       | 2      | 15CS72  | C402 | C402.1 | 3   | 1   | 2 |   |   |   |     |   |   |   |   |   |   |   |     |     | 1   |
| C402.2 | 3          | 1     |        |         |      | 2      |     |     |   |   |   |   |     |   |   |   |   |   |   |   | 1   | 1   | 1   |
| C402.3 | 3          | 1     |        |         |      | 2      |     |     |   |   |   |   |     |   |   |   |   |   |   |   | 1   | 1   | 1   |
| C402.4 | 3          | 1     |        |         |      | 2      |     |     |   |   |   |   |     |   |   |   |   |   |   |   | 1   | 1   | 1   |
| C402.5 | 3          | 2     |        |         |      | 2      |     |     |   |   |   |   |     |   |   |   |   |   |   |   | 1   | 1   | 1   |
| C402   | 3          | 1.2   |        |         |      | 2      |     |     |   |   |   |   |     |   |   |   |   |   |   |   | 1   | 1   | 1   |
| 3      | 15CS73     | C403  |        |         |      | C403.1 | 3   | 2   | 2 | 1 | 1 |   |     |   |   |   |   |   |   |   |     |     | 2   |
|        |            |       | C403.2 | 3       | 2    | 2      | 1   | 1   |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   | 2   |
|        |            |       | C403.3 | 3       | 2    | 2      | 1   | 1   |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   | 2   |
|        |            |       | C403.4 | 3       | 2    | 2      | 1   | 1   |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   | 2   |
|        |            |       | C403.5 | 3       | 2    | 2      | 1   | 1   |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 2   | 2   |
|        |            |       | C403   | 3       | 2    | 2      | 1   | 1   |   |   |   |   |     |   |   |   |   |   |   |   | 2   | 1.8 | 1.8 |
|        |            |       | 4      | 15CS743 | C406 | C406.1 | 3   | 3   |   | 1 |   |   |     |   |   |   |   |   |   |   |     |     | 1   |
| C406.2 | 3          | 3     |        |         |      |        | 2   |     |   |   |   | 1 |     |   |   |   |   |   |   |   | 1   | 1   | 3   |
| C406.3 | 3          | 3     |        |         |      | 1      |     |     |   |   | 2 |   |     |   |   |   |   |   |   |   | 1   | 1   | 3   |
| C406.4 | 3          | 3     |        |         |      | 2      |     |     |   |   |   |   | 1   |   | 1 |   |   |   |   |   | 1   | 1   | 3   |
| C406.5 |            | 3     |        |         |      |        |     |     |   |   |   |   | 1   | 1 | 1 |   |   |   |   |   | 1   | 1   | 1   |

|   |              |         |             |             |          |            |            |          |            |          |          |            |            |          |          |          |            |          |
|---|--------------|---------|-------------|-------------|----------|------------|------------|----------|------------|----------|----------|------------|------------|----------|----------|----------|------------|----------|
|   |              |         | <b>C406</b> | <b>3</b>    | <b>3</b> | <b>1.5</b> | <b>1.5</b> |          |            | <b>2</b> | <b>1</b> | <b>1</b>   | <b>1</b>   |          | <b>1</b> | <b>1</b> | <b>2.6</b> |          |
| 5 | VII Semester | 15CS753 | C410        | C410.1      | 3        | 1          |            |          | 1          |          |          |            | 2          | 1        | 3        | 2        | 2          |          |
|   |              |         |             | C410.2      | 3        | 1          |            |          | 1          |          |          |            | 2          | 1        | 3        | 2        | 2          | 2        |
|   |              |         |             | C410.3      | 3        | 1          |            |          | 1          |          |          |            | 2          | 1        | 3        | 2        | 2          | 2        |
|   |              |         |             | C410.4      | 3        | 1          |            |          | 1          |          |          |            | 2          | 1        | 3        | 2        | 2          | 2        |
|   |              |         |             | C410.5      | 3        | 1          |            |          | 1          |          |          |            | 2          | 1        | 3        | 2        | 2          | 2        |
|   |              |         |             | <b>C410</b> | <b>3</b> | <b>1</b>   |            |          | <b>1</b>   |          |          |            | <b>2</b>   | <b>1</b> | <b>3</b> | <b>2</b> | <b>2</b>   | <b>2</b> |
| 6 | VII Semester | 15CSL76 | C412        | C412.1      | 3        | 3          | 3          | 1        | 3          |          | 3        | 2          | 2          |          |          | 1        | 1          |          |
|   |              |         |             | C412.2      | 3        | 3          | 3          | 1        | 3          |          | 3        | 2          | 2          |          |          | 1        | 1          |          |
|   |              |         |             | C412.3      | 3        | 3          | 3          | 1        | 3          |          | 3        | 2          | 2          |          |          | 1        | 1          |          |
|   |              |         |             | C412.4      | 3        | 3          | 3          | 1        | 3          |          | 3        | 2          | 2          |          |          | 1        | 1          |          |
|   |              |         |             | C412.5      | 3        | 3          | 3          | 1        | 3          |          | 3        | 2          | 2          |          |          | 1        | 1          |          |
|   |              |         |             | <b>C412</b> | <b>3</b> | <b>3</b>   | <b>3</b>   | <b>1</b> | <b>3</b>   |          | <b>3</b> | <b>2</b>   | <b>2</b>   |          |          | <b>1</b> | <b>1</b>   |          |
| 7 | VII Semester | 15CSL77 | C413        | C413.1      | 3        | 3          | 2          |          | 2          |          |          | 1          | 2          |          | 2        | 2        | 2          |          |
|   |              |         |             | C413.2      | 3        | 3          | 2          |          | 2          |          |          | 1          | 2          |          | 2        | 2        | 2          |          |
|   |              |         |             | C413.3      | 3        | 3          | 2          |          | 2          |          |          | 1          | 2          |          | 2        | 2        | 2          |          |
|   |              |         |             | C413.4      | 3        | 3          | 2          |          | 2          |          |          | 1          | 2          |          | 2        | 2        | 2          |          |
|   |              |         |             | C413.5      | 3        | 3          | 3          |          | 3          |          |          | 3          | 3          |          | 2        | 2        | 2          |          |
|   |              |         |             | <b>C413</b> | <b>3</b> | <b>3</b>   | <b>2.2</b> |          | <b>2.2</b> |          |          | <b>1.4</b> | <b>2.2</b> |          | <b>2</b> | <b>2</b> | <b>2</b>   |          |
| 8 | VII Semester | 15CSL78 | C414        | C413.1      | 3        | 3          | 2          |          | 2          |          |          | 1          | 2          |          | 2        | 2        | 2          |          |
|   |              |         |             | C413.2      | 3        | 3          | 2          |          | 2          |          |          | 1          | 2          |          | 2        | 2        | 2          |          |
|   |              |         |             | C413.3      | 3        | 3          | 2          |          | 2          |          |          | 1          | 2          |          | 2        | 2        | 2          |          |
|   |              |         |             | C413.4      | 3        | 3          | 2          |          | 2          |          |          | 1          | 2          |          | 2        | 2        | 2          |          |
|   |              |         |             | C413.5      | 3        | 3          | 3          |          | 3          |          |          | 3          | 3          |          | 2        | 2        | 2          |          |
|   |              |         |             | <b>C413</b> | <b>3</b> | <b>3</b>   | <b>2.2</b> |          | <b>2.2</b> |          |          | <b>1.4</b> | <b>2.2</b> |          | <b>2</b> | <b>2</b> | <b>2</b>   |          |





|   |               |         |      |             |              |            |              |            |              |             |              |              |            |              |             |            |            |            |            |          |
|---|---------------|---------|------|-------------|--------------|------------|--------------|------------|--------------|-------------|--------------|--------------|------------|--------------|-------------|------------|------------|------------|------------|----------|
| 4 | VIII Semester | 15C     | C4   | C421.4      | 3            | 3          | 3            | 3          |              |             |              |              |            |              |             | 2          | 2          | 2          |            |          |
|   |               |         |      | C421.5      | 3            | 2          | 1            |            |              |             |              |              |            |              |             | 2          | 2          | 2          | 2          |          |
|   |               |         |      | <b>C421</b> | <b>3</b>     | <b>2.8</b> | <b>2.6</b>   | <b>2.5</b> |              |             |              | <b>1</b>     |            |              |             | <b>2</b>   | <b>2</b>   | <b>2</b>   | <b>1.6</b> |          |
| 5 | VIII Semester | 15IS84  | C422 | C422.1      | 3            | 3          |              | 3          |              | 2           | 2            |              |            |              | 2           |            | 3          | 2          | 2          |          |
|   |               |         |      | C422.2      | 3            |            |              |            |              | 3           |              |              |            |              |             | 2          |            | 3          |            |          |
|   |               |         |      | C422.3      | 3            | 3          | 3            | 3          | 3            |             |              | 2            |            |              |             | 2          | 1          | 3          | 2          | 2        |
|   |               |         |      | C422.4      |              |            |              |            |              |             | 3            | 2            | 3          |              |             | 2          |            | 3          |            |          |
|   |               |         |      | C422.5      |              |            |              |            |              |             | 3            |              | 1          | 3            | 3           |            |            | 3          |            |          |
|   |               |         |      | C422.6      |              |            |              |            |              | 2           |              |              | 3          | 3            | 3           | 1          |            | 3          | 1          | 1        |
|   |               |         |      | C422.7      |              |            |              |            |              | 2           |              |              | 3          | 3            | 3           | 1          |            | 3          | 1          | 1        |
|   |               |         |      | <b>C422</b> | <b>3</b>     | <b>3</b>   | <b>3</b>     | <b>3</b>   | <b>2.333</b> | <b>2.75</b> | <b>2</b>     | <b>2.5</b>   | <b>3</b>   | <b>2.429</b> | <b>1</b>    | <b>3</b>   | <b>1.5</b> | <b>1.5</b> |            |          |
| 6 | VIII Semester | 15ISP85 | C423 | C423.1      | 3            | 3          | 3            | 3          | 3            |             | 2            |              |            |              | 1           | 3          | 3          | 3          |            |          |
|   |               |         |      | C423.2      | 3            | 3          | 3            | 3          | 3            |             | 2            |              |            |              |             |            | 3          | 3          | 3          |          |
|   |               |         |      | C423.3      | 3            | 3          | 3            |            |              |             |              |              |            | 3            |             |            | 2          | 3          | 3          | 3        |
|   |               |         |      | C423.4      | 3            | 3          | 3            | 3          | 3            | 3           | 3            | 3            |            |              |             |            | 2          | 3          | 3          | 3        |
|   |               |         |      | C423.5      | 2            |            |              |            |              | 3           |              |              |            | 3            |             |            |            | 3          | 3          | 3        |
|   |               |         |      | C423.6      | 3            |            |              |            |              |             | 3            |              | 3          | 3            | 3           |            |            | 3          | 3          | 3        |
|   |               |         |      | C423.7      | 2            |            |              |            |              |             |              |              | 3          | 3            | 3           | 2          |            | 3          | 3          | 3        |
|   |               |         |      | <b>C423</b> | <b>2.714</b> | <b>3</b>   | <b>3</b>     | <b>3</b>   | <b>3</b>     | <b>3</b>    | <b>2.333</b> | <b>3</b>     | <b>3</b>   | <b>3</b>     | <b>1.75</b> | <b>3</b>   | <b>3</b>   | <b>3</b>   | <b>3</b>   | <b>3</b> |
| 7 | VIII Semester | 15ISS86 | C424 | C424.1      | 3            |            |              |            | 1            |             | 1            |              |            | 2            | 2           |            | 2          | 2          | 2          |          |
|   |               |         |      | C424.2      | 3            | 3          | 1            | 3          | 1            | 2           | 2            |              |            | 2            | 2           | 2          | 2          | 2          | 2          | 2        |
|   |               |         |      | C424.3      | 3            | 3          | 2            | 3          | 1            | 2           | 2            | 1            | 2          | 2            | 2           | 1          | 2          | 2          | 2          | 2        |
|   |               |         |      | C424.4      | 3            | 3          |              |            |              | 1           | 1            |              |            | 3            | 3           | 3          | 1          | 3          | 2          | 2        |
|   |               |         |      | C424.5      | 3            | 3          | 2            |            |              | 2           | 2            |              |            | 3            | 3           | 3          | 1          | 3          | 2          | 2        |
|   |               |         |      | <b>C424</b> | <b>3</b>     | <b>3</b>   | <b>1.667</b> | <b>3</b>   | <b>1.2</b>   | <b>1.75</b> | <b>1.667</b> | <b>2.333</b> | <b>2.4</b> | <b>2.4</b>   | <b>1.25</b> | <b>2.4</b> | <b>2</b>   | <b>2</b>   | <b>2</b>   | <b>2</b> |