Equivalence B.Sc II & III ( ECS)
B.Sc-II (Entire Computer Science) Sem-III

| B.Sc-II (Entire Computer Science) Credit System Structure for (Semester-III) With Effect From June-2015 | B.Sc-II (Entire Computer Science) Choice Based Credit System (CBCS) (Semester-III) With Effect From June -2017-2018 |
|---|---|
| ECS301 Operating System | Operating System |
| ECS302- Object Oriented Programming using C++ - 1 | Object Oriented Programming Using C++ |
| ECS303 – Data Structures, Algorithms | Data Structures |
| ECS304 – Software Engineering – I | Software Engineering |
| ECS305 – Organization of P.C. | Embedded System- I |
| ECS306 – Microprocessors - I | Advanced Microprocessor |

Equivalence Table
B.Sc-II (Entire Computer Science) Sem-IV

| B.Sc-II (Entire Computer Science) Credit System Structure for (Semester-IV) With Effect From June-2015 | B.Sc-II (Entire Computer Science) Choice Based Credit System (CBCS) (Semester-IV) With Effect From June -2017-2018 |
|---|---|
| ECS401 Operating System | 28 – Linux Operating System |
| ECS402 – Object Oriented Programming using C++ - II | 26 - Object Oriented Programming using Java |
| ECS403 – Data Structures, Algorithms – II | There is no equivalent for this paper, but as an alternative the following unrelated paper may be offered if no choice is available **ECS404 Computer Graphics** |
| ECS404 – Software Engineering – II | No Equivalence available for this paper |
| ECS405 – Organization of P.C. | 31 – Peripherals and  Interfacing |
| ECS406 – Microprocessors – II | There is no equivalent for this paper, but as an alternative the following unrelated paper may be offered if no choice is available **ECS405 Embedded System - II** |

Equivalence Table

B.Sc-III (Entire Computer Science) Sem-V

| B.Sc-III (Entire Computer Science) Credit System Structure for (Semester-V) With Effect From June-2016 | B.Sc-III (Entire Computer Science) Choice Based Credit System (CBCS) (Semester-V) With Effect From June 2018 |
|---|---|
| ECS501 – Data Communication and Networking – I | IX – Data Communication and Networking – I |
| ECS502 – Database Management System – I | ECS402 – DBMS using Oracle (B.Sc. – II ECS w.e.f. June 2017) |
| ECS503 – Core Java | ECS401 – Object Oriented Programming using Java (B.Sc. – II ECS w.e.f. June 2017) |
| ECS504 – Theory of Computer Science | X – Theory of Computer Science |
| ECS505 – Web Technology and E-Commerce – I | XII – Web Technology and E-Commerce –I |
| ECS506 – Visual Programming and Application Software - I | XI – Visual Programming – I |

Equivalence Table

B.Sc-III (Entire Computer Science) Sem – VI

| B.Sc-III (Entire Computer Science) Credit System Structure for (Semester-VI) With Effect From June-2016 | B.Sc-III (Entire Computer Science) Choice Based Credit System (CBCS) (Semester-VI) With Effect From June 2018 |
|---|---|
| ECS601 – Data Communication and Networking – II | XIII – Data Communication and Networking – II |
| ECS602 – Database Management System – II | No Equivalence available for this Paper |
| ECS603 – Advance Java | XIV – Advanced Java |
| ECS604 – Compiler Construction | No Equivalence available for this Paper |
| ECS605 – Web Technology E-commerce – II | XVI – Web Technology and E-commerce – II |
| ECS606 – Visual Programming and Application Software - II | XV – Visual Programming - II |