**Dr. A.Q. Khan Institute Of Computer Sciences & Information Technology, Kahuta**

Sub Campus of

 Institute of Space Technology, Islamabad

No. KICSIT\SCC\21\Pre-Req\01 Date: \_\_\_ Jan, 2021

**IMPLEMENTATION OF PRE-REQUISTS**

**BSCS**

Following is the list of Pre-requisites for BSCS (II-IV) semesters students. If a student is failed in Pre-Requisite of any subject, he/she will not be allowed to enroll in that course until he/she clear the respective pre-requisite.

**BSCS-II**

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| --- | --- |
| **SUBJECT(s)** | **PRE REQ** |
| Digital Logic Design | Applied Physics |
| Digital Logic Design-Lab | Applied Physics |
| Object Oriented Programming | Programming Fundamentals |
| Object Oriented Programming-Lab | Programming Fundamentals-Lab |
| Communication & Presentation Skills | English Composition & Comprehension  |

**BSCS-III**

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| **SUBJECT(s)** | **PRE REQ** |
| Data Structures & Algorithms (Theory) | OOP (THEORY) |
| Data Structures & Algorithms (Lab) | OOP (LAB) |
| Multivariate Calculus (CS Support Course-I) | Calculus and Analytical Geometry |

**BSCS-IV**

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| **SUBJECT(s)** | **PRE REQ** |
| Design & Analysis of Algorithms | Data Structures & Algorithms |
| Database Systems | Data Structures & Algorithms |

**Sr. Course Coordinator**

**Director I/C KICSIT**

Distribution:

* All Notice Boards
* CoE Office
* HoD(CS)
* Course Coordinator (CS)