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| --- | --- | --- | --- |
| **Post Graduate Diploma in IT**  Institute of Information Technology  Dhaka University | | | |
| **PGD IT : Semester 1** | | | |
| PGD 101 | Computer Fundamentals and Office Automation | 3 |  |
| PGD 104 | [Structured Programming](file:///E:\Books\Engineering\Books%20-%20CSE\the_c_programming_language.pdf) | 3 |  |
| PGD 106 | [Operating System Concepts & UNIX OS](file:///E:\Books\Engineering\Books%20-%20CSE\Operating%20Systems%20Concepts%208th_Edition.pdf) | 3 |  |
| PGD 204 | [DBMS & XML](file:///E:\Books\Engineering\Books%20-%20CSE\Addison-Wesley%20-%20FUNDAMENTALS%20OF%20DATABASE%20SYSTEM.pdf) | 3 |  |
| **PGD IT : Semester 2** | | | |
| PGD 105 | [Introduction to Software Engineering](file:///E:\Books\Engineering\Books%20-%20CSE\Software%20Engineering%20(Practitioner’s%20Approach)%207th%20Edition.pdf) | 3 |  |
| PGD 107 | [Internet Programming](file:///E:\Books\Software%20Development\Books%20-%20Apps%20Web\Pearson%20-%20Internet.and.World.Wide.Web.How.To.Program.5th.Edition.0132151006.pdf) | 3 | PGD 104 |
| PGD 201 | [Data Structure & Algorithm](file:///E:\Books\Engineering\Books%20-%20CPP\Brooks%20Cole%20-%20Data%20Structure%20And%20Algorithms%20In%20C++%202nd%20ed%20-%20Adam%20Drozdek.pdf) | 3 | PGD 104 |
| PGD 202 | [Object Oriented Programming](file:///E:\Books\Engineering\Books%20-%20CSE\McGray-Hill%20-%20Balaguruswamy%20OOP%20C++%20Fourth%20Edition.pdf) | 3 | PGD 104 |
| **PGD IT : Semester 3** | | | |
| PGD 203 | [Data Communication and Computer Networks](file:///E:\Books\Engineering\Books%20-%20CSE\Data%20Communications%20and%20Networking%20By%20Behrouz%20A.Forouzan.pdf) | 3 |  |
| PGD 206 | [Micro-controller & Embedded System](file:///E:\Books\Engineering\Books%20-%20CSE\AVR%20Microcontroller%20and%20Embedded%20Systems.pdf) | 3 | PGD 106 |
| PGD 207 | [Mobile Application](file:///E:\Books\Software%20Development\Books%20-%20Microsoft%20Press\Books\Microsoft%20-%20Microsoft%20Mobile%20Development%20Handbook.pdf) | 3 | PGD 202 |
| PGD 208 | [DOT NET Technology](file:///E:\Books\Software%20Development\Books%20-%20Microsoft%20Press\Books\Microsoft%20-%20Applied%20Microsoft%20Dot%20NET%20Framework.pdf) | 3 | PGD 201 & PGD 202 |
| PGD 210 | Project for PGD | 6 |  |
| **MIT : Semester 1** | | | |
| MIT 202 | Computer Programming | 4 |  |
| MIT 301 | [Project Management](file:///E:\Books\Engineering\Books%20-%20CSE\Software%20Project%20Management%202nd%20Edition.pdf) and [Business Info System](file:///E:\Books\Software%20Development\Books%20-%20Apps%20DotNet\Course%20Technology%20-%20Fundamentals.of.Information.Systems.6th.Edition.0840062184.pdf) | 2 |  |
| MIT 304 | Database Architecture and Administration | 4 |  |
| **MIT : Semester 2** | | | |
| MIT 306 | [Advanced Computer Networks](file:///E:\Books\Engineering\Books%20-%20CSE\Computer%20Networks%20-%20A%20Tanenbaum%20-%205th%20edition.pdf) & Internet Working | 4 |  |
| MIT 404 | Elective 1 : [Parallel](file:///E:\Books\Engineering\Books%20-%20CSE\Introduction%20to%20Parallel%20Computing%202nd%20Edition.pdf) and [Distributed Processing](file:///E:\Books\Engineering\Books%20-%20CSE\Distributed%20Systems%20(Principles%20and%20Paradigms)%202nd%20Edition.pdf) | 3 |  |
| MIT 408 | Elective 2 : [Decision Support System and Intelligent Systems](file:///E:\Books\Engineering\Books%20-%20CSE\Decision%20Support%20Systems%20and%20Intelligent%20Systems.pdf) | 3 |  |
| **MIT : Semester 3** | | | |
| MIT 303 | [Client Server Technology](file:///E:\Books\Software%20Development\Books%20-%20Server\Client-Server%20Based%20Statistical%20Computing.pdf) and [System Programming](file:///E:\Books\Software%20Development\Books%20-%20Apps%20DotNet\Addison%20-%20Windows%20System%20Programming.pdf) | 4 |  |
| MIT 305 | Internet Computing | 4 |  |
| **MIT : Semester 4** | | | |
| MIT 414 | Elective 3 : [Software Testing](file:///E:\Books\Software%20Development\Books%20-%20Apps%20DotNet\Rocky%20Nook%20-%20Software%20Testing%20Foundations%204th%20Edition.pdf) | 3 |  |
| MIT 421 | Project for MIT | 3 |  |
| MIT 422 | Industrial Attachment | 3 |  |
| **Elective Subjects** | | | |
| MIT 401 | Data Mining and Warehousing | 3 |  |
| MIT 402 | E-Commerce Technologies in E-Business | 3 |  |
| MIT 403 | Computer, Data, Network Security / E-Security | 3 |  |
| MIT 405 | [Computer Graphics](file:///E:\Books\Engineering\Books%20-%20CSE\Computer%20Graphics%20-%20Principles%20and%20Practice%203rd%20Ed.pdf) and Multimedia | 3 |  |
| MIT 406 | [Simulation and Modeling](file:///E:\Books\Engineering\Books%20-%20CSE\System%20Design,%20Modeling,%20and%20Simulation%20using%20Ptolemy%20II.pdf) | 3 |  |
| MIT 407 | Mobile and Cellular Communications | 3 |  |
| MIT 409 | E-Governance | 3 |  |
| MIT 410 | Business System | 3 |  |
| MIT 411 | [Bioinformatics](file:///E:\Books\Engineering\Books%20-%20CSE\Essential%20Bioinformatics.pdf) | 3 |  |
| MIT 412 | [Advanced Object Oriented Programming](file:///E:\Books\Engineering\Books%20-%20CSE\object-oriented-analysis-and-design-with-applications-2nd-edition.pdf) | 3 |  |
| MIT 413 | Strategic Management | 3 |  |