**National Institute of Technology Karnataka, Surathkal**

**Department of Information Technology**

**Course Plan and Evaluation Plan, VI Semester B.Tech. 2016-2017**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | **Code of the subject** | IT352 | | | |
| 2 | **Title of the subject** | Information Assurance and Security | | | |
| 3 | **LTP (Lecture-Tutorial-Practical) and Credits Structure** | (3-0-2) 4 credits | | | |
| 4 | **Name of the Course Instructor** | Mr. Ganesh Murgod | | | |
| 5 | **Evaluation Pattern** | Mid Semester | Announced Test(2) | Mini Project | End Semester |
| **Syllabus** | From 1st class to last class prior to mid semester examination | From 1st class to last class prior to end semester examination |
| As per the syllabus completed to the prior date | Evaluation starts from 20th March 17 |
| **Duration** | 1.5 Hours | 1 Hour / Test | 10 Weeks | Three Hours |
| **Marks** | 25 | 10 | 20 | 45 |
| **Questions** | * Question paper consists of Analytical (problems) and Theory questions (may not be direct). * Percentage of Analytical and Theory questions may be 50:50 / 60:40 / 40:60. * All questions are compulsory (i.e no choice in the question paper). | | | |
| **Extra Text/Exam** | No extra test will be given under any circumstance except genuine medical reason with medical doctor certificate (Only if the candidate is hospitalize for treatment). | | | |
| **Assignment/Quiz/Surprise Test** | No | | | |
|  | **Cutoff for AA grade is** | 85M | | | |
|  | **Number of AA grade** | As per institute norms | | | |
| 8 | **Attendance** | Student should get minimum 75% of the attendance as per the institute rule to become eligible to appear for end semester examination else it will be declared as "FA".  **Note: 74.75 % of attendance also will be declared as "FA".** | | | |
| 9 | **List of text books/references** | **Tentative List of Text Books**   1. William Stallings, Cryptography and Network Security, Fourth Edition, Pearson Education/PHI, 2003. 2. Micheal E. Whitman and Herbert J. Mattord principles of information Security, 2nd Edition, Thomson, 2005. 3. Atul Kahate , Cryptography and Network Security, Tata McGrawHill, 2003. 4. Behrouz A. Forouzan: Cryptography and Network Security, Tata McGrawHill, 2007. | | | |

|  |  |  |
| --- | --- | --- |
| **Batch No** | **Mini Project Evaluation** | **Evaluation**  **Date** |
| 1 | Mini Project Implementation | 20/03/17 |
| 2 | Mini Project Implementation | 21/03/17 |
| 3 | Mini Project Implementation | 22/03/17 |
| 4 | Mini Project Implementation | 23/03/17 | **Weightage**  20 Marks | **Timing**  3:00PM – 5:30PM  Four Batches each Day |
| 5 | Mini Project Implementation | 24/03/17 |
| 6 | Mini Project Implementation | 27/03/17 |
| 7 | Mini Project Implementation | 28/03/17 |
| 8 | Mini Project Implementation | 29/03/17 |
| 9 | Mini Project Implementation | 30/03/17 |
| **Note:**   * Evaluation is purely based on output of the project and complexity of the project. * Mini project must be implemented on **Malware Detection**. * Last date for mini project title with hardcopy of the paper submission is 23/01/17. | | | | |

.

* Mobile phones are not be allowed in classroom and no marks for attendance.
* Evaluated answer scripts of mid semester and end semester examination will be showed to students only on said date and time and it is the student responsibility to see the corrected answer scripts.

(Mr. Ganesh Murgod)

**Course Instructor**