



ITM (SLS) Baroda University
School of Computer Science, Engineering and Technology
Syllabus
Semester 2

Course Name: Programming in Python-II

Course Code: C22X0C4

Course Type: Core

CET-2 SYLLABUS

Unit #	Topics
2	Exception Handling: User defined exceptions, Handling IO Exceptions. Multithreading: Starting a new thread, the threading module, synchronizing threads, race condition, multithreaded priority queue.
3	Regular Expressions: Introduction/Motivation, Special Symbols and Characters for REs, REs and Python, Handling regular expressions and their built-in methods, Lambda Expression, Map(), Reduce(), Filter().
4	Programming with Files: Reading files, Iterating through files, Working with files, more file information, Directories, Reading CSV Files, Generating CSV, Reading and Writing CSV Files with Dictionaries, Python Pickle Module