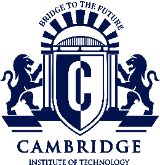
**CAMBRIDGE INSTITUTE OF TECHNOLOGY**

**K.R. PURAM, BENGALURU-560036**

**Application Development Using Python (18CS55)**

**MODULE-V**

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| 1. What is web scraping? How to download files from web, check the error and save the downloaded files to hard drive with request module in python. 2. Explain parsing HTML with the BeautifulSoup Module with code snippet for creating finding an element and getting data. |
| 1. Demonstrate with the help of python construct how to retrieve an image over HTTP and retrieve web pages with urlib. 2. Explain with python code snippet selenium’s web element object. What methods do Selenium’s web element object have for simulating mouse clicks and keyboard keys. 3. Explain reading and writing excel documents. 4. How to setup various font styles and adjust rows-columns in excel documents. Explain with example. |
| 1. How to work with PDF document in python. Explain with extracting text, decrypting , creating copying pages, encrypting PDFs. 2. Explain in detail the working of word documents in python.(reading and writing). 3. What are the advantages of CSV files? Explain the Reader objects and Writer objects with python code. 4. What is JSON? Explain the concept of parsing JSON python code. |
| **ADDITIONAL PROGRAMS** |
| * Write a python code to open a browser automatically with 10 top search results in new tabs using webbrowser and bs4 module. * Write a python code for retrieving the romeo.txt file from the web and compute the frequency of each word in the file. * Write a snippet code for merging several dozen PDF documents into a single PDF file. * Write a snippet code to update cells in a spreadsheet of produce sales. Given: product name, cost per pound, pounds sold, total. * Write a snippet code for removing the header from the CSV files. * Write a snippet code for fetching current weather data using JSON module. * Write a python program that retrieve a user’s Twitter friends. Parse the returned JSON and extract some of the information about the friends. * Write a program to find the current location in the Googlemap using the webbrowser module. |