ST.JOSEPH’S COLLEGE FOR WOMEN (AUTONOMOUS), VISAKHAPATNAM V SEMESTER **COMMERCE** Time: 2Hrs

COM-E1-5354(2) **DATA SCIENCE USING PYTHON** Max.Marks:50

w.e.f. 20AH Batch **PRACTICAL SYLLABUS**

**Course Outcomes:**

* Able to implement basics of programming like selection and repetition.
* Use aggregated data using list, tuple and dictionary.
* Implement functions and modules.

1. Python Program to Find the Square Root  
   2. Python Program to Swap Two Variables  
   3. Python Program to Generate a Random Number  
   4. Python Program to Check if a Number is Odd or Even  
   5. Python Program to Find the Largest Among Three Numbers  
   6. Python Program to Check Prime Number  
   7. Python Program to Display the multiplication Table  
   8. Python Program to Print the Fibonacci sequence  
   9. Python Program to Find the Sum of Natural Numbers  
   10. Python Program to Find Factorial of Number Using Recursion  
   11. Python Program to work with string methods.  
   12. Python Program to create a dictionary and print its content.  
   13. Python Program to create class and objects

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