Department of Computer Science & Engineering
BABU BANARASI DAS
NORTHERN INDIA INSTITUTE OF TECHNOLOGY

Affiliated to Dr. A.P.J. Abdul Kalam Technical University (AKTU Code : 056)
Approved by All India Council for Technical Education (AICTE)

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BBDNIIT
AKTU Code : 056

Second year (CS& E) / THIRD SEMESTER / 2024-25

ASSIGNMENT NO: 2

1. **Name of Subject: Python Programming**

2. **AKTU Subject Code: BCC 302**

3. **NBA Subject Code:**

4. **Unit Covered:2**

5. **Date of Issue: 6/11/24**   **Date of Submission: 13/11/24**   **Max Marks:25**

Q #	Question Description	CO	BTL	MM
1	What do you understand by the term iteration? How it can be achieved?	II	K_1	5
2	Write a program to check whether a given number is Armstrong Number. (Hint: An Armstrong number is a number that is equal to the sum of its digits, each raised to the power of the number of digits. For example153 is three-digit number, an Armstrong number because $1^3 + 5^3 + 3^3 = 153$	II	K_3	5
3	Write a program to find the sum of digits of number entered by the user	II	K_3	5
4	Write a program to check if a number entered by user is palindrome or not	II	K_3	5
5	Write a program to print the following pattern 1 11 111 1111 11111	II	K_3	5

CO: *CourseOutcome*   **BTL:** *Bloom'sTaxonomyLevel*   **MM:** *MaxMarks*

Name of Faculty: Mr. Rehan Ahmad