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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AKTU Code : 056

CSE THIRD YEAR / FIFTH SEMESTER / 2022-23(ODD)

ASSIGNMENT NO. : 5

1. **Name of Subject:** Design and Analysis of Algorithm

2. **AKTU Subject Code:** KCS-503

3. **NBA Subject Code :** C302

4. **Unit Covered:** V

5. **Date of Issue :** 25.11.2022   **Last Date of Submission:** 2.12.2022   **Max Marks: 25**

Q #	Question Description	CO	BTL	MM
1	Write is string matching problem?	5	1	5
2	Explain Valid Shift and invalid shift with example	5	2	5
3	What is P-Class?	5	1	5
4	Write algorithm of Naïve string Matching Algorithm.	5	1	5
5	Write Rabin karp algorithm.	5	1	5

CO: Course Outcome   *BTL: Bloom's Taxonomy Level*   *MM: Max Marks*

Name of Faculty: Krishna kumar joshi