**Course Learning Outcome to Programme Outcome Mapping**

**Programme: B.Sc in Computer Science and Engineering**

**Course Code: CSE 218**

**Course Title: Numerical Methods Sessional**

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|  |  | **Programme Outcome (PO)** | | | | | | | | | |  |
| **No.** | **Course Learning Outcomes**  **(CLO)** | **Ability to acquire and apply knowledge** | **Ability to identify problems and formulate solutions** | **Ability to analyze and design computing systems** | **Ability to conduct, evaluate, and interpret experiments** | **Team work and Leadership** | **Ability to communicate** | **Ability to understand the impact of engineering decisions** | **Professional and ethical responsibility** | **Lifelong learning** | **Contribute beyond professional careers** | **Delivery**  **(Teaching Methods)** |
| **1.** | Understanding the basic concepts and theory of numerical methods | √ |  |  | √ |  |  | √ |  |  |  | Lecture, assignments |
| **2.** | Perform detailed analysis of different algorithms of numerical methods | √ |  | √ |  |  |  | √ |  |  |  |
| **3.** | Apply the knowledge acquired in the course to solve real life problem | √ | √ | √ | √ |  |  |  |  |  |  |
|  | **Overall** | √ | √ | √ | √ |  |  | √ |  |  |  |  |