# NAGINDAS KHANDWALA COLLEGE OF COMPUTER AND INFORMATION SCIENCE

**Programme :** M.Sc. Computer Science
**List of subjects** offered under **NEP**
**Academic Year 2024-2025**

| SEMESTER I | | |
|---|---|---|
| 1 | Advanced Database Management Systems | 4 Credits |
| 2 | Distributed Operating System | 4 Credits |
| 3 | Advanced Data Structures and Algorithms | 4 Credits |
| 4 | Research Methodology | 4 Credits |
| 5 | Python Programming | 4 Credits |
| 6 | Mathematical foundations of Computer Science | 2 Credits |
| **Total Credits Semester I** | | **22 Credits** |

| SEMESTER II | | |
|---|---|---|
| 1 | Agile Practices and DevOps | 4 Credits |
| 2 | Server Side Scripting | 4 Credits |
| 3 | Java Script Frame works | 4 Credits |
| 4 | Python Web Development | 4 Credits |
| 5 | Internship | 4 Credits |
| 6 | Software Engineering Concepts and Methodologies | 2 Credits |
| **Total Credits Semester II** | | **22 Credits** |