

Semester-2

Fundamentals of Software Engineering

| Stream - A | Stream - B |
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| | |
| Introduction to Software Engineering | Requirement Engineering |
| Software Development Process | Design and Implementation |
| Agile Software Development | Software Testing |
| System Modeling | Software Evolution |
| Architectural Design | |
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| Gampaha/Colombo - Mr. Suranga | Gampaha/Colombo - Mr. Pasindu |
| Galle - Mr. Niroshan | Galle - Miss. Shalika |

Web Application Development - 1

| Stream - A | Stream - B |
|--|----------------------------------|
| | |
| Introduction to Web Application | HTML - Hypertext Markup Language |
| JavaScript | CSS - Cascading Styling Language |
| XML-Extensible Markup Language | Bootstrap |
| MEAN-Mongo-DB/Express.js/AngularJS/Node.js | |
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| Gampaha/Colombo - Mr. Pasindu | Gampaha/Colombo - Miss. Ashansa |
| Galle - Mr. Niroshan | Galle - Miss. Shalika |

Database Systems - 1

| Stream - A | Stream - B |
|--|---------------------------------|
| | |
| Database System Environment | Integrity Constraints and DDL |
| Relation Algebra | Working with database using DML |
| Database Design Process with ER-Diagrams | Views and Security with DCL |
| Normalization | |
| Execute duties of a Database Administrator | |
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| Gampaha/Colombo - Mr. Suranga | Gampaha/Colombo - Mr. Indeera |
| Galle - Mr. Niroshan | Galle - Miss. Chanuki |

Mathematics for Computing - 1

| Stream - A | Stream - B |
|--------------------------------|--------------------------------|
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| Sets | Technique of Counting |
| Boolean Algebra | Relation and Function |
| Logic | Probability |
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| Gampaha/Colombo - Miss. Nethma | Gampaha/Colombo - Mr. Ruwantha |
| Galle - Mr. Niroshan | Galle - Miss. Chanuki |