

Semester-4

Project Management

| Stream - A | Stream - B |
|---|--|
| Introduction to Project-Management Project Project Management PM Knowledge Area PM Process Groups | Core Management Area Scope Time Cost Quality |
| Project Integration Management Project <u>Risk</u> Management | Supportive Management Area ← Risk Human Resource Communication Procurement |
| Gampaha/Colombo - Mr. Nalinda | Gampaha/Colombo - Mr. Nalinda |
| Galle - Mr. Niroshan | Galle - Mr. Ashen |
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Programming - 2

| Stream - A | Stream - B |
|--|---|
| Data Structures and Algorithm | Array-List |
| Recursion | Linked-List |
| Tree | Stack |
| Graph | Queue |
| Hash Tables | Sorting Algorithm |
| Sorting Algorithm Merge Sort Quick Sort Heap Sort Topological Sort | Bubble Sort Selection Sort Insertion Sort Shell Sort Radix Sort |
| Efficiency Analysis of Algorithms | |
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| Gampaha/Colombo - Mr. Suranga | Gampaha/Colombo - Mr. Indeera |
| Galle - Mr. Niroshan | Galle - Mr. Ashen |
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Rapid Software Development

| Stream - A | Stream - B |
|---|---|
| Introduction to RSD | Scrum Introduction Core-Concepts Scrum-Roles Development Team Planning Activities Sprinting Process |
| XP-Extreme Programming XP-Life-Cycle XP-Team XP-Practices Collaboration in XP Product-Releasing in XP Planning Process in XP Product-Development in XP | |
| Gampaha/Colombo - Mr. Sameera | Gampaha/Colombo - Mr. Sameera |
| Galle - Mr. Ashen | Galle - Mr. Niroshan |
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Computer Networks

| Stream - A | Stream - B |
|---|---|
| Introduction to Computer Networks | Physical Layer Data Transmission Wired-LAN Wire-Less-LAN Mobile-WAN Network-Design |
| Internet Protocol Suit Network Layer Transport Layer Application Layer | |
| Gampaha/Colombo - Mr. Indeera | Gampaha/Colombo - Mr. Suranga |
| Galle - Mr. Ashen | Galle - Mr. Niroshan |
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