

A Step Ahead with C
DAILY SCHEDULE
at SAFFRONY INSTITUTE OF TECHNOLOGY

6 Days 24/06/2019

| | | 6/24 | 6/25 | 6/26 | 6/27 | 6/28 | 6/29 | |
|--|--|---|---|--|---|---|--|--|
| | | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | |
| | | Day1 Logic Building using Game Development (Arrays & Functions) | Day2 Professional Development (Pointers & Library) | Day3 Competitive Programming-CodeChef (ServerSideC & Files) | Day4 Interview Questions-CareerCup (Linked List & Data Storage) | Day5 Information Handling (GameDesign & Data Formats) | Day6 Linux advanced topics (Kernel Programming and Communication) | |
| | Session | -----[Coding Standards]----- | | | | | | |
| | Demonstration | 9:30 AM | Acknowledgement to K and R Coding by team and Integration. Makefile | Pointer and Array relationship Configurable Spiral | Generic Pointer, Pointer to Function | Basics of DynamicMemory and storageArea | Snake & Fruit Application Development | Basic Structure of Linux Process System Calls (Function which returns twice) |
| | | | Different platforms Eclipse IDE Basics | GNU C Library Source Code | Linux Kernel & Variable Arguments | Handling different flavors of linkedlist | | |
| | Practice | 11:00 AM | Jigsaw - Slide Puzzle | Multi Level Sorting | Tic-Tac-Toe | Design and Implementation (PlacementPortal, VotingSystem) | CodeChefPractice | Naïve Chat Program (local and remote) (network) |
| | | 12:30 PM | LUNCH BREAK | | | | | |
| | Demonstration | 1:30 PM | Flow Control & Pattern Design | File Handling with Encryption Decryption Coding | CGI and ServerSideScripting With C | Beyond the range Additions, Factorial | Data Formats and Handling | Kernel Programming : Module loading Into a running Kernel |
| | | | Stack&Recursion | Handling errors with errno | Eye Opening- ProgrammingMistakesOverlooked | Multi Ordered Linked List | Directed Graph as a Data Structure | |
| | Practice | 3:00 PM | CodeChefPractice | Code Differently (Search, Count, RemoveDup, Compare) Theory of Reduction | Sparse Matrix - Compression&De | CareerCupPractice | XML Transformation | Linux Command Implementation Using System Calls |
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| | Proposed Certification | | | | | | | |
| | C and C++: Basic and Intermediate Levels. "Softwre Traning and Certification Program" http://www.spoken-tutorial.org/ by IIT Bombay. | | | | | | | |
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