A Step Ahead with C DAILY SCHEDULE at SAFFRONY

5 Days   **22/06/18**

A Step Ahead with C	Daywise Goal (Programming Topics)	6/22 FRIDAY Day1 Logic Building using Game Development (Arrays & Functions)	6/23 SATURDAY Day2 Professional Development (Pointers & Library)	6/24 SUNDAY Day3 Competitive Programming-CodeChef (ServerSideC & Files)	6/25 MONDAY Day4 Interview Questions-CareerCup (Linked List & Data Storage)	6/26 TUESDAY Day5 Communication and Interfacing (GameDesign & System Calls)
Session		----------------| Coding Standards |----------------				
Demonstration	10:00 AM	Acknowledgement to K and R Coding by team and Integration. Makefile (Prof.JigarPandya)	Pointer and Array relationship Configurable Spiral (Prof.JigarPandya)	File Handling with Encryption Decryption Example (Prof. HariomPandya)	Basics of DynamicMemory and storageArea (Prof.HariomPandya)	Snake & Fruit Application Development Graphics.h (Prof. HariomPandya)
		Different platforms Eclipse IDE Basics (Prof.JigarPandya)	GNU C Library Source Code (Prof.JigarPandya)	Handling errors with errno (Prof. Hariom Pandya)	Handling different flavors of linkedlist Let's Code…"THE LinkedList" (Prof.HariomPandya)	
Practice	11:30 AM	Jigsaw - Slide Puzzle	Multi Level Sorting	CodeChefPractice	Design App and Implementation(PlacementPortal, VotingSystem)	
	1:00 PM	LUNCH BREAK				
Demonstration	2:00 PM	Flow Control & Pattern Design (Prof. HariomPandya)	Miscellaneous Topics (Generic Pointer, Pointer to Function) (Prof. HariomPandya)	CGI and ServerSideScripting With C (Prof. JigarPandya)	Beyond the range Additions, Factorial (Prof. JigarPandya)	Linux-System Calls/API Network MultiThreading Inter Process Communication Interfacing Hardware Ports Assembly and C (Prof. JigarPandya)
		Stack&Recursion (Prof. HariomPandya)	Linux Kernel & Variable Arguments (Prof.HariomPandya)	Eye Opening- ProgrammingMistakesOverlooked (Prof. JigarPandya)	Multi Ordered Linked List (Prof.JigarPandya)	
Practice	3:30 PM	Tic-Tac-Toe	Code Differently (Search, Count, RemoveDup, Compare) Theory of Reduction	Sparse Matrix - Compression&De	CareerCupPractice	

	Proposed Certification
	C and C++: Basic and Intermediate Levels. "Softwre Traning and Certification Program" http://www.spoken-tutorial.org/ by IIT Bombay.
	Correspondence
	pandya.hariom@gmail.com
	jigar.pandya@live.com