

Short Term Courses – NIELIT

Books recommended for reference and reading:

1. Let us C by Yashwant Kanetkar
2. Embedded C, Pont, Michael J
3. C Programming language, Kernighan, Brian W, Ritchie, Dennis M
4. 8051 Microcontroller and Embedded Systems – Mazidi, Muhammad Ali, Mazidi, Janice Gillispie
5. C and the 8051 Programming for Multitasking – Schultz, Thomas W
6. ARM System Developer's Guide - Designing and Optimizing System Software by: Andrew N Sloss, Dominic Symes, Chris Wright; 2004, Elseiver
7. ARM System - On - Chip Architecture, Furber, Steve
8. Assembly Language Programming: ARM Cortex - M3: Mahout, Vincent
9. Computer Networks; By: Tanenbaum, Andrew S; Pearson Education Pte. Ltd., Delhi, 4th Edition
10. Data and Computer Communications; By: Stallings, William; Pearson Education Pte. Ltd., Delhi, 6th Edition
11. The Complete Reference C++, Herbert Schildt, TMH
12. C++ programming language, Bjarne Stoustrup, Addison-Wesley
13. GNU C++ For Linux, Tom Swan , Prentice Hall India
14. GNU/LINUX Application Programming, Jones, M Tims
15. UNIX Network Programming : Steven, Richard
16. Linux: The Complete Reference: Petersen, Richard
17. Linux Device Drivers: Rubini, Alessandro, Corbet, Jonathan
18. Linux Kernel Development: Love, Robert
19. Wireless Communications – Principles and Practice; by Theodore S Rappaport, Pearson Education Pte. Ltd., Delhi
20. Wireless Communication Technology; By: Blake, Roy; Delmar, New York.
21. Wireless Communications and Networking; By: Stallings, William; Pearson Education Pte. Ltd., Delhi
22. Java2: The Complete Reference, Patrick Naughton and Herbert Schildt, TMH.
23. J2ME James Edward Keogh, Tata McGraw Hill.
24. Relevant Data sheets and application notes

Group Code: EMBD

Group Name: Embedded System

Course Code: PG02

Course Name: PG Diploma in Embedded Wireless & Mobile Applications