DEV BHOOMI INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

Year: 4th   **Semester: 7th**

Compiler Design - PCS-757

LAB MANUAL

Prepared By: HOD(CSE)

<Name>   <Name>

DEV BHOOMI INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

INDEX

S.No	Practical's Name	Date	Remark
1	Formats		
2	List of projects		
3	Project Report		

Dev Bhoomi Institute of Technology

<u>NOTICE: Project Report</u>

B.TECH. FINAL YEAR (CSE)

Kindly prepare project report as per the guidelines given below:

- Signatures of the supervisor (s) and student (s) on report are must.
- Use "Times New Roman" Font Size- 12, Single line spacing and justify paragraph style for normal text.
- Chapter name should be times new roman 16px bold.
- Use Font Size-Bold 12 for the heading.
- Every figure, diagram, table and graph must contain caption with corresponding number for respective chapters (eg 1.1, 1.2,….) and discussion in text.
- The paper must be A4 size with these margins: Top and Bottom margins must be 1", left marginshould be 1.5" cm and right margin should be 1".
- The font for the reference should be "Times New Roman"Font Size 12 with single line spacing and paragraph formatting should be justified.
- Hard binding (1 copy for College + 1 copy for Guide+ 1 copy for each respective group members).
- For any guidance of formatting and preparation of project report please contact to your respective supervisors.

PROJECT TITLE (FONT CAMBRIA-24 BOLD)

A project Report

submitted in partial fulfilment of the

requirements for the award of the degree of

Bachelor of Technology (B.Tech.)

Submitted by

NAME OF CANDIDATE (S)

(UTU Roll No.)

Under the supervision of
Supervisors name and affiliation

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DEV BHOOMI INSTITUTE OF TECHNOLOGY

DEHRADUN

(DATE)

ACKNOWLDGEMENT

(Name of group members)

CANDIDATE'S DECLARATION

I hereby declare that the work presented in this project report titled, **"……UPPER CASE BOLD……………"** submitted by me in the partial fulfillment of the requirement of the award of the degree of **Bachelor of Technology (B.Tech.)** Submitted in the Department of **Computer Science & Engineering ,Dev Bhoomi Institute Of Technology**, is an authentic record of my project wrok carried out under the guidance of (Supervisors name and affiliation)

Date   **(Candidate Name(s))**

Place: Dehradun   UTU Roll No.:

SUPERVISOR'S CERTIFICATE

It is to certify that the Project entitled **"………UPPERCASE BOLD………."** which is being submitted by **Mr./Ms. ……………**to the Dev Bhoomi Institute Of Technology in the fulfillment of the requirement for the award of the degree of **Bachelor of Technology (B.Tech.)**, is a record of bonafide project work carried out by him/her under my/ our guidance and supervision. The matter presented in this project report has not been submitted either in part or full to any University or Institute for award of any degree.

Signature
(Supervisor Name)

                                                              Signature
                                                              (Supervisor Name II)
                                                              (If Any)

Signature
(HOD Name)
Head of Department

TABLE OF CONTENTS

Page No.

Note: However, if any student proposed some new approach or more than one problem, may add new chapters according to your proposed work.

Page no. should be in footer started from first page of chapter 1 in center times new roman 12 font size

DEV BHOOMI INSTITUTE OF TECHNOLOGY

Major/Minor Project List for BTech, CSE,

These projects can be implemented using any programming language – Java, .NET, PHP, Perl, Python, RoR etc:

1. Piracy Protection Security Component (Cryptography)(Major)
2. Online Task Management (Major)
3. Text Based Search Engine Development(Free text and Structured searching)(Major)
4. Web Crawler Search engine using Apache Lucene API(Major)
5. Remote Desktop Communication (Major)
6. Video and Audio Conversation over VOIP Protocol(Major)
7. FTP Client Application Development(Major)
8. Email Sending Utility development using POP/IMAP/SMTP Protocol(Major)
9. System Advisor tool(Minor)
10. Web based UI Component development (library/component generation)
11. Desktop UI Component Generation
12. Project Validation Component Generation on Desktop technologies
13. Project Validation Component Generation on Web technologies
14. Web server and Client Development for HTTP Protocol using Multithreading
15. Private/Propriety Protocol development and its implementation using Java Servlet
16. Online Parallel Examination
17. Remote Database Admin TOOL on WEB or Desktop (DB ADMIN)
18. Database Migration tool
19. Online NEWS Publication System(ePaper publication and Display)
20. Network Firewall implementation
21. Subjective Data mining
22. Common interface Chat Interface development

23. Online Ticket Booking

24. Task management System over web(Task Organizer over web interface-TOOWI)

25. Net Café Automation Software

26. Network Cluster Configuration In Application server

27. PC Cleaner Utility

28. Version Control Server and Its Client Development

29. Online Video Streaming Player using Apple or Flash

30. Website designing tool from existing website

31. Online Banking

32. File Comparison and Merging tool

33. Website Broken Link Detector[SEO supportive] –Website Testing Tool

34. Website Organic Compliance Checker [Organic or on-page SEO tool]

35. CMS-Template based web page generation

36. Railway Prepaid Auto Management System

37. Remote Web Based Java Executor(Run Java Application From Browser)

38. Color Palate –Interior Color Theme Chooser

39. Website Hosting cPanel for Any Web Server

40. IDE with Drag and Drop Based Application Development

41. Ticket Based Support System(Minor)

42. Hardware Accessories Management System(Minor)

43. Wholesale management system(Major)

44. Desktop Organizer /Sticky Notes (Minor)

45. Patient Management System(EMR -Electronic Medical Record)

46. Blood Bank Management System

47. Human Resource Management System

48. Payroll System

49. Website Performance Evaluation System(Resource Load Time Evaluation)

50. Job Portal and Recruitment Engine