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SYLLABUS FOR INDUSTRIAL SCHOOLS

TRADE: ADVANCED INTEGRATED SOFTWARE TECHNOLOGY

SYLLABUS FOR ADVANCED INTEGRATED SOFTWARE TECHNOLOGY

UNDER CODE OF REGULATION FOR INDUSTRIAL SCHOOLS

AS APPROVED BY

DEPARTMENT OF EMPLOYMENT AND TRAINING

CHEPAUK

CHENNAI - 600 005.

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COURSE DETAILS

Name of Trade

: ADVANCED INTEGRATED

5

SOFTWARE TECHNOLOGY

Qualification

Age

Duration

Number of Trainees

Number of Practical hours

Number of Theory Hours

Space Required

Workshop

ClassRoom

Power Required in KW

5

: 20

: 1 Year

: 10TH PASS

: 14-40 Years

: 32 hrs. per week

: 12 hrs. per week

: 300 sq. feet

: 200 sq. feet

: 3 k.w.

LIST OF COMMITTEE MEMBERS FOR THE TRADE OF ADVANCED INTEGRATED SOFTWARE TECHNOLOGY

3.7

1. Thiru. T.Sundararajan,

Regional Joint Director, Chennai Region

- 2. Thiru.P. Dwaraka Assistant Director of Training
- Tmt. V. Shanthi
 Assistant Training Officer,
 Computer Operator and Programming Assistant
 Govt. Industrial Training Institute, Ambattur
- 4. Tmt. D.Vasanthi

Assistant Training Officer,

Computer Operator and Programming Assistant Govt. Industrial Training Unit, Thiruvanmiyur

5. Tmt. D. Thulasi

Assistant Training Officer, Computer Operator and Programming Assistant Govt. Industrial Training Institute, Ambattur.

SYLLABUS FOR THE TRADE OF ADVANCED INTEGRATED SOFTWARE TECHNOLOGY

5-9

SL.NO	WEEK NO	THEORY	PRACTICAL
1	1	Introduction to computers : Definition of computer. Simple fundamental concepts. Generation of computer. Classification / Types of computer. Characteristics of computers.	Ex.No.:1 Identify the various Parts of computer and their Connections.
2	2	Functional Block Diagram of Computer. Input, Processing, Output, Functions of ALU, control, storage, input and output devices. Application of computer: Viz. Railway, Electricity/Medical etc.,	Ex.No.:2 System Booting & DOS internal commands
3	3	Data Concepts. Bit, byte etc., Representation of data: Binary, Binary addition and subtraction using 1's, 2's complement, octal, hexadecimal, ASCII, EBCDIC, Positive versus, negative integers, floating point numbers.	Ex.No.3: Dos External Commands
4	4	Hardware Concepts: Input devices- On line & off line input devices. Different types of scanners. Digital Camera. Output devices-Impact, non Impact printers, Plotters .	Ex.No.4: Handling & Trouble shooting of the given Input & output devices
5	5	Memory devices: RAM, ROM, EPROM, EPROM, ECCRAM, EDORAM, SDRAM and their specifications, memory storage locations, use of memory addressing in programming	Ex.No.5: Copying / Writing data from one media to other medias

SL NO	WEEK NO	THEORY	PRACTICAL
51.10		Secondary memory devices:	Ex. No.: 6
6	6	(removable/fixed), concepts of	Unix Commands
		Cylinders, tracks& sectors,	
		advantages and limitation of	
		secondary storage devices.	
		Access time, Access methods	
		(Sequential, direct, indexed)	
	7	& CD-ROM, DVD.	Ex.No.7 :
7		Operating System:	a)Practice with Windows
		Dos(Internal & External	Basic Components and
		commands) .Unix, Linux, etc.,	accessories.
		,, ,	b)Program manager & File
			manager.
8	8	Windows Operating System :	Ex.No.8:
		Start Windows. Using the	Installation of New
		Program Manager. Using	Hardwale & Softwale.
		Desktop Icons, File	
		Windows Using Essential	
		Accessories	
0	9	Office Automation Packages:	Ex.No.9:
9		MS-WORD:-	a. Create a new document
		Documents:-Text Typing,	with suitable formatting
		deleting editing Opening/	tools.
		Creating, Saving/Quitting.	b. Insert Images with in that
		Cursor Control. Printing	documents.
		Documents. Formatting: -	
		Deregraphs Moving and	
		Conving text Bullets.	
		Numbering, Background	
		Colors, Page setup, Page size,	
		Margin setting, Borders &	
		shading. Header & Footer.	
		News Paper column setting,	
		Tab setting, Change case,	
		Word count, page breaks,	
		column break, print preview.	

SL.NO	WEEK NO	THEORY	PRACTICAL
10	10	Inserting features:-	Ex.No.10:
		Graphics, Formatting Graphics,	Mail Merge
		text box Images, clipart	Labels & Envelops creation.
		images, chart. Word Art, System	
		Time, date. Table, Formula.	
		Find and replace the text. Spell	
		checking & Grammer checking.	
		Mail merge. Labels, Envelops,	
		Letter wizard.	
11	11	MS-EXCEL:-	Ex. No. : 11
		Data Entry in cells, entry of	Creation of worksheets &
		numbers, text and formulae.	Do calculation by applying
		Moving data around in a	related formulae.
		worksheet. Selecting data range.	
		Using the Interface (Toolbars,	
		Menus).Editing basics.	
		Formatting and calculations.	
		Calculations and worksheets-	
		Using Autofill .Worksheet	
		printing.	
12	12	Working with Graphs and	Ex. No.: 12
		Charts. Creating and formatting.	Graphs & Charts creation
		Printing.Database Management	for related data s.
		in worksheet: Finding records	
		with data form. Adding /	
		deleting records.	
	1 Anna Anna Anna Anna Anna Anna Anna Ann	Filtering records in a worksheet.	
12	12	MS ACCESS:	Ex No : 13
13	13	Introduction to Access	Creation of Tables with
		Features of Access	Different views.
		Create a new table database &	
		Design view	
		Fields data types Length etc.	
		Table wizard Import wizard	
		Adding records Inserting new	
		Records& columns, Deleting	
		Records and table. Hide and	
		unhide columns. Filtering-	
		Sorting- records. Find and	
		replace the data.	

SL.NO	WEEK NO	THEORY	PRACTICAL
14	14	Create queries, Run queries.	Ex. No. : 14
		Create forms- Form wizards-	Practice on creation
		Design- Auto Form. Using	of queries & forms
		Form Tools, setting properties,	
1		Writing code, Run the form.	
		Create report-Save & Run the	
		Report. Set relation between	
		two tables. Page wizard-Auto	
		page.	
15	15	MS-POWER POINT:	Ex. No. : 15
		Introduction to Power point	Slide Show Presentation
		and its basic menus.	&
		Explain the Menus:-	Organization Chart.
		File-Edit-Insert - and its	
		optional setting.	
		Insert the picture and	
		designing the various styles.	
		Slide layout; group, ungroup,	
		shorten etc. View show, setup	
1. S. S.		show-custom show, Action	
		buttons, Animation.	
16	16	Program Design and Logic.	Ex. No. : 16
		Problem analysis, algorithm,	Practice in Flowchart &
Constanting of the second		data flow diagrams, structures	Algorithm.
		charts decision tables, pseudo	
		coding & flowcharts .	
17	17	Visual Basic:-	Ex. No. : 17
		Introduction to Visual basic	Use Application wizard to
		tools, Data types constant &	create an Application that
		forms details. Create a new	includes an internet browser
		project and save it. Changing	window and a splash screen.
		the property of the form. Write	
		simple programs in VB.	
18	18	Text box, labels, buttons and	Ex. No. : 18
		its properties. Changing the of	Modify the application and
		properties of property window,	add color to that application
		Run the form, adding the text,	
		label, image and other tools.	
10	10	Condition statements Lean	Ex No 10
19	19	Condition statements. Loop	Creating text haves include
		statements and functions their	an evit button
		Attaching add to the chiest	
		Attaching code to the object	
		and explain the event,	
		properties, code window.	

SL.NO	WEEK NO	THEORY	PRACTICAL
20	20	Properties, control and objects details, timer picture frame, shape, scroll bars controls & their programs. Visual implementation of the multiply program, programming building blocks. Timer controls, check box, Radio buttons, list box, vertical and horizontal scroll bars and their programs.	Ex. No. : 20 a)Create shortcut keys to every menu options in the menu applications. b)Form creation
21	21	Button programs, drag & drop programs, column property, shortcut key, bar, menu & its applications. Introduction to dialog box and graphic controls and line control, Shape control picture, image control, picture control etc.	Ex. No. : 21 Practice on menu bar options and drop down menu options
22	22	Graphic methods points programs circles program ellipse, arcs and some simple programs. Displaying data in tabular formats, displaying and printing, fonts programs, show fonts, clipboard objects	Ex. No. : 22 Programs using conditional statements
23	23	Keys programs, upper program, keyboard focus, keyboard events, key procedures and some important functions.	Ex. No. : 23 Simple programs using looping statements
24	24	Combo Box, OLE directory, drive control in standard tool and their programs. Introduction to files, sequence, random files, opening, read and write mode.	Ex. No. : 24 Programs using functions
25	25	Introduction to OLE, DAO, RDO objects and their programs, programs for remote data objects, data access object	Ex. No. : 25 Program using arrays

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SL.NO	WEEK NO	THEORY	PRACTICAL
26 & 27	26 & 27	SQL, Data Program, Creating The data base and the table, properties and methods of the control. Introduction to multiple document interface creating the picture, code of the picture window list menu, adding cascade, tile and arrange icons items to the window menu.	Ex. No. : 26 Creating database and tables Ex. No. : 27 Code Practice
28	28	Designing text Editor programs, code implementation, Creating tool bar icons sending key strokes. Visual implementation of the data program.	Ex. No : 28 Creating tool bar icons
29	29	HYPERTEXT MARKUP LANGUAGE (HTML) Basic Markup Tags – Hyper Links and Anchors -Building WWW Pages ADVANCED HTML Incorporating Graphics, Sound, Video, etcImage types (GIF and JPEG) - Creating images and Scanning CGI AND ADVANCED HTML The Common Gateway Interface (CGI) -Scripting languages -Creating Forms in HTML	Ex. No. : 29 Practice on HTML tags
30	30	SQL SERVER 7.0 SQL Data Definition Language: CREATE Create Database-Use Database-Create Table-SQL Data Types-Create Index	Ex. No. : 30 Database-Create Table-SQL

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SL.NO	WEEK NO	THEORY	PRACTICAL
31	31	SQL Data Definition Language: ALTER and DROP Alter Database-Alter Table - drop Database- Drop Table - Drop Index-	Ex. No. : 31 Modification of Database, Table - drop
32	32	SQL Data Definition Language: Table Constraints NOT NULL Constraint- UNIQUE Constraint-Primary Key Constraint-Foreign Key Constraints	Ex. No. : 32 Table Constraints
33	33	SQL Data Manipulation Language: INSERT Insert one complete row-Insert one partial row Insert Multiple rows-SQL SELECT Statement-Basic Structure-Select *-Select Distinct-Conditional Select	Ex. No. : 33 SQL Data Manipulation
34	34	Relational Operators for SQL- LIKE clause-BETWEEN clause-IN clause- SQL AND & OR-SQL DELETE Statement - Delete *- conditional Delete- SQL	Ex. No. : 34 Practice on Relational operators
35	35	UPDATE Statement-Updating one column-Updating multiple columns-SQL Aggregate Functions-Average Count-Max-Min-Sum-SQL Group Functions-Group By clause-Having clause-Order By clause	Ex. No. : 35 Hands on functions
36	36	SQL Joins and Sub queries Modifying Data-Managing Tables and Constraints- Managing Views-Other Database Objects- User Access and security	Ex. No. : 36 SQL Joins and Sub queries Managing tables

SL.NO	WEEK NO	THEORY	PRACTICAL
37 & 38	37 & 38	RELATED DATA BASE MANAGEMENT SYSTEM	EX.No:37
		Introduction to Databases with MS Access	Changing & adding records in a database-Filtering
		Getting started, Navigating the database -Changing & adding records in a database-Filtering records from a database- Understanding the database - Tables, Querying the database -More about Queries -Reports from a Database –	EX.No.:38 Create Reports from a Database –
39	39	Creating a Database Table using GUI interface-Changing the Table Design using GUI interface- Entering & Importing Data -Creating a Form -Changing a Form Design -Adding Tables & Relationships	EX.No.:39 Creating a Database Table using GUI interface
40	40	The Relational Data Model (RDBMS) Database Theory-RDBMS (Relational Databases Management Systems) introductionRDBMS Theory and principles - Primary Keys and Foreign Keys-Data integrity and Referential Integrity- Entity Relationship Modelling ERM, Schema and ER Diagrams.	Ex.No.:40 ER Diagrams.
41	41	Oracle 9i SQL SQL*Plus Overview- Basic SQL SELECT Statements- Single-Row Functions- Aggregating Data and Group	Ex.No.:41 Over view of SQL SELECT Statements

SL.NO	WEEK NO	THEORY	PRACTICAL
42	42	Functions- Joins and Sub queries - Modifying Data- Managing Tables and Constraints-Managing Views- Other Database Objects- User Access and Security	Ex.No.:42 Familiarization on functions
43	43	FOXPRO Introduction: - What is database, Simple and relational database, dbase Vs Foxpro, Introduction to menu surface, dialogue box and Editor, Foxpro technical specifications.	Ex.No:43 Creating a file. Practice on various menus
44	44	Database:- Creating database, creating new database, defining structures, field names and their limitations, copying and Modifying structure of database file.	Ex.No.:44 Editing a File using related Edit commands. (EDIT,APPEND,BROWSE etc.,)
45	45	Handling database, Appending, Editing, Browsing, Deleting, Indexing, Simple and compound indexes, Sorting, searching using Locate, Find, Found, Continue, Seek, query and logical operations.	Ex.No.:45 a)Sorting & Indexing a file. b)Searching a field.
46	46	Report Generations- report Menu, Layout Tools, Page layout, page preview, Quick reports etc., mailing Labels- Label Layout and Printing. Screen Builder. Creating Screen layouts, controlling screen design and generation codes, Menu builder	Ex.No.:46 a)Report Generation. b)Mailing labels
47	47	Designing Menu, Menu commands. Defining menus, query understanding relational database, working with view window, relational query by example.	Ex.No:47 a)Creating Screen layouts. b)Designing Menus, query.

13-25

SL.NO	WEEK NO	THEORY	PRACTICAL
48	48	Advanced Techniques:-	Ex.No:48
		Keyboard macro, Recording,	a)Macro Creation,
		Editing and using macro Append	recording
		from command, colors command	& Editing.
		files-How to create, modify, run	
		command files & all its related	b) Using Different function
		commands, Procedure files, Fox	commands.
		pro functions.	
49 & 50		Project on any one of the	Ex.No.:49 & 50
		following	
		Visual basic	Project
		Visual Fox pro	
		• SQL	
51	51	INTERNAL EXAMINATION	
52	52	COMMON EXAMNINATION	

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Industrial School

Long Term Trade - Syllabus - Revised

Name of the Trade: ADVANCED INTEGRATED SOFTWARE TECHNOLOGY

Space required:

Computer / Lab	:	300 Sq. ft.
Class Room	:	200 Sq. ft.
Trade Theory	:	NO CHANGE
Trade Practical	:	NO CHANGE

TOOLS AND EQUIPMENT FOR THE TRADE ADVANCED INTEGRATED SOFTWARE TECHNOLOGY:

HARDWARE REQUIREMENTS

S. NO	NAME OF THE ITEM	QUANTITY REVISED
	SERVER	01
1	Pentium Processor 4	
-	256 MB RAM	
	40 GB HDD	
	1.44 MB FDD	
	SVGA COLOUR MONITOR 14"	
	101 WINDOWS KEYBOARD, INTELLI	
	MOUSE, INTERNAL MODEM	
	16 BIT ETHERNET CARD	
	INTERNET CONNECTION	
	17 NODES with CD writer	
2	WORK STATION	04
	Pentium Processor 4	
	256 MB RAM	
	2 GB HDD	
	1.44 MB FDD	
	SVGA COLOUR MONITOR 14"	
	101 WINDOWS KEYBOARD, INTELLI	
	MOUSE, INTERNAL MODEM	
	16 BIT ETHERNET CARD WITH	
	INTERNET CONNECTION	

4 HP LASER JET PRINTER (COLOUR) 01 5 DOT MATRIX PRINTER 01 6 OPTICAL SCANNER 01 7 FLOPPY DISK 3 1/4" 100 8 REWRITABLE CD's 20 9 VACCUM CLEANER 01 10 CHAIR AND TABLE FOR INSTRUCTOR // 01 SET 01 11 COMPUTER TABLE SUNMICA TOP 1050 X 65 650 X 750 MM SLIDING TRAY FOR KEYBOARD AND ONE SHELF FOR 5TORAGE 01 01 12 OPERATOR CHAIR 10 13 ROOM THERMOMETER 01 14 DOOR MAT 01 15 WALL CLOCK 01 16 PRINTER TABLE 650X500X750 MM 02 17 WINDOW TYPE AC 1.5 TONS WITH 03 5TABILIZER 01 01 18 STORAGE CABINET 600X700X450 MM 01 19 STUDENTS SHOE RACK 01 20 16 PORT HUB FOR LAN. 01 21 NOVELL NETWARE 3.12 OR HIGHER 01 22 NOVELL NETWARE 3.12 OR HIGHER 01	3	5 KVA ONLINE UPS	01
5 DOT MATRIX PRINTER 01 6 OPTICAL SCANNER 01 7 FLOPPY DISK 3 1/4" 100 8 REWRITABLE CD's 20 9 VACCUM CLEANER 01 10 CHAIR AND TABLE FOR INSTRUCTOR // 01 SET 01 11 COMPUTER TABLE SUNMICA TOP 1050 X 05 650 X 750 MM SLIDING TRAY FOR KEYBOARD AND ONE SHELF FOR STORAGE 01 12 OPERATOR CHAIR 10 13 ROOM THERMOMETER 01 14 DOOR MAT 01 15 WALL CLOCK 01 16 PRINTER TABLE 650X500X750 MM 02 17 WINDOW TYPE AC 1.5 TONS WITH STUDENTS SHOE RACK 01 19 STUDENTS SHOE RACK 01 20 16 PORT HUB FOR LAN. 01 21 RJ45 CONNECTORS CAT 5 CABLE FOR LAN 01 22 NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER 01 22 NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER 01 23 SOFTWARE REQUIREMENTS S.No. 34 SOFFICE 01 <tr< td=""><td>4</td><td>HP LASER JET PRINTER (COLOUR)</td><td>01</td></tr<>	4	HP LASER JET PRINTER (COLOUR)	01
6 OPTICAL SCANNER 01 7 FLOPPY DISK 3 1/4" 100 8 REWRITABLE CD'S 20 9 VACCUM CLEANER 01 10 CHAIR AND TABLE FOR INSTRUCTOR // 01 SET 11 COMPUTER TABLE SUNMICA TOP 1050 X 05 650 X 750 MM SLIDING TRAY FOR 650 X 750 MM SLIDING TRAY FOR KEYBOARD AND ONE SHELF FOR 5TORAGE 12 OPERATOR CHAIR 10 13 ROOM THERMOMETER 01 14 DOOR MAT 01 15 WALL CLOCK 01 16 PRINTER TABLE 650X500X750 MM 02 17 WINDOW TYPE AC 1.5 TONS WITH 03 STABILIZER 8 STORAGE CABINET 600X700X450 MM 01 19 STUDENTS SHOE RACK 01 01 20 16 PORT HUB FOR LAN. 01 01 21 RJ45 CONNECTORS CAT 5 CABLE FOR 01 22 NOVELL NETWARE 3.12 OR HIGHER 01 23 NOVELL NETWARE 3.12 OR HIGHER 01 24 NOVELL NETWARE 3.12 OR HIGHER 01 25	5	DOT MATRIX PRINTER	01
7 FLOPPY DISK 3 1/4" 100 8 REWRITABLE CD's 20 9 VACCUM CLEANER 01 10 CHAIR AND TABLE FOR INSTRUCTOR // 01 SET 01 11 COMPUTER TABLE SUNMICA TOP 1050 X 05 650 X 750 MM SLIDING TRAY FOR KEYBOARD AND ONE SHELF FOR 05 STORAGE 10 13 ROOM THERMOMETER 01 14 DOOR MAT 01 01 14 15 WALL CLOCK 01 01 16 PRINTER TABLE 650X500X750 MM 02 17 WINDOW TYPE AC 1.5 TONS WITH 03 3 3 19 STUDENTS SHOE RACK 01 01 20 16 PORT HUB FOR LAN. 01 01 21 RJ45 CONNECTORS CAT 5 CABLE FOR 01 22 NOVELL NETWARE 3.12 OR HIGHER 01 22 NOVELL NETWARE 3.12 OR HIGHER 01 22 NOVELL NETWARE 3.12 OR HIGHER 01 23 NOVELL NETWARE 3.12 OR HIGHER 01 24 NOVELL NETWARE 3.12 OR HIGHER 01 25 SOFTWARE	6	OPTICAL SCANNER	01
8 REWRITABLE CD's 20 9 VACCUM CLEANER 01 10 CHAIR AND TABLE FOR INSTRUCTOR // 01 SET 11 COMPUTER TABLE SUNMICA TOP 1050 X 05 650 X 750 MM SLIDING TRAY FOR 650 X 750 MM SLIDING TRAY FOR 05 KEYBOARD AND ONE SHELF FOR 5TORAGE 01 12 OPERATOR CHAIR 10 13 ROOM THERMOMETER 01 14 DOOR MAT 01 15 WALL CLOCK 01 16 PRINTER TABLE 650X500X750 MM 02 17 WINDOW TYPE AC 1.5 TONS WITH 03 STABILIZER 10 11 18 STORAGE CABINET 600X700X450 MM 01 20 16 PORT HUB FOR LAN. 01 21 RJ45 CONNECTORS CAT 5 CABLE FOR 01 22 NOVELL NETWARE 3.12 OR HIGHER 01 22 NOVELL NETWARE 3.12 OR HIGHER 01 22 SOFT WARE REQUIREMENTS 5.No. Required Items Quantity 1 MS-DOS OS (HIGHER VERSION) 01 01 10 3 3 <td< td=""><td>7</td><td>FLOPPY DISK 3 1/4"</td><td>100</td></td<>	7	FLOPPY DISK 3 1/4"	100
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11COMPUTER TABLE SUNMICA TOP 1050 X 650 X 750 MM SLIDING TRAY FOR KEYBOARD AND ONE SHELF FOR STORAGE0512OPERATOR CHAIR1013ROOM THERMOMETER0114DOOR MAT0115WALL CLOCK0116PRINTER TABLE 650X500X750 MM0217WINDOW TYPE AC 1.5 TONS WITH STABILIZER0318STORAGE CABINET 600X700X450 MM0119STUDENTS SHOE RACK012016 PORT HUB FOR LAN.0121RJ45 CONNECTORS CAT 5 CABLE FOR LAN0122NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER0123SOFTWARE REQUIREMENTSS.No.S.No.Required ItemsQuantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX01	10	CHAIR AND TABLE FOR INSTRUCTOR	01 SET
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15WALL CLOCK0116PRINTER TABLE 650X500X750 MM0217WINDOW TYPE AC 1.5 TONS WITH03STABILIZER0118STORAGE CABINET 600X700X450 MM0119STUDENTS SHOE RACK012016 PORT HUB FOR LAN.0121RJ45 CONNECTORS CAT 5 CABLE FOR LAN0122NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER0123SOFTWARE REQUIREMENTSSoft5.No.Required Items 1Quantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	14	DOOR MAT	01
16PRINTER TABLE 650X500X750 MM0217WINDOW TYPE AC 1.5 TONS WITH STABILIZER0318STORAGE CABINET 600X700X450 MM0119STUDENTS SHOE RACK012016 PORT HUB FOR LAN.0121RJ45 CONNECTORS CAT 5 CABLE FOR LAN0122NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER015SOFTWARE REQUIREMENTS012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	15	WALL CLOCK	01
17WINDOW TYPE AC 1.5 TONS WITH STABILIZER0318STORAGE CABINET 600X700X450 MM0119STUDENTS SHOE RACK012016 PORT HUB FOR LAN.0121RJ45 CONNECTORS CAT 5 CABLE FOR LAN0122NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER015SOFTWARE REQUIREMENTS012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	16	PRINTER TABLE 650X500X750 MM	02
STABILIZER18STORAGE CABINET 600X700X450 MM0119STUDENTS SHOE RACK012016 PORT HUB FOR LAN.0121RJ45 CONNECTORS CAT 5 CABLE FOR LAN0122NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER01SOFTWARE REQUIREMENTSS.No.Required ItemsQuantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	17	WINDOW TYPE AC 1.5 TONS WITH	03
18STORAGE CABINET 600X700X450 MM0119STUDENTS SHOE RACK012016 PORT HUB FOR LAN.0121RJ45 CONNECTORS CAT 5 CABLE FOR LAN0122NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER015.No.Required Items UIGHER VERSIONQuantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01		STABILIZER	
19STUDENTS SHOE RACK012016 PORT HUB FOR LAN.0121RJ45 CONNECTORS CAT 5 CABLE FOR LAN0122NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER01SOFTWARE REQUIREMENTS01S.No.Required Items Quantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	18	STORAGE CABINET 600X700X450 MM	01
2016 PORT HUB FOR LAN.0121RJ45 CONNECTORS CAT 5 CABLE FOR LAN0122NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER013SOFTWARE REQUIREMENTS013MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	19	STUDENTS SHOE RACK	01
21RJ45 CONNECTORS CAT 5 CABLE FOR LAN0122NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER0130SOFTWARE REQUIREMENTS015.No.Required Items Normal Quantity011MS-DOS OS (HIGHER VERSION) 10012WINDOWS XP 10103MS OFFICE SCO UNIX014VISUAL STUDIO LATEST VERSION 01015SCO UNIX 01016SQL SERVER01	20	16 PORT HUB FOR LAN.	01
LAN22NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER01SOFTWARE REQUIREMENTSS.No.Required Items Quantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	21	RJ45 CONNECTORS CAT 5 CABLE FOR	01
22NOVELL NETWARE 3.12 OR HIGHER VERSION 20 USER01SOFTWARE REQUIREMENTSS.No.Required ItemsQuantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01		LAN	
VERSION 20 USERSOFTWARE REQUIREMENTSS.No.Required ItemsQuantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	22	NOVELL NETWARE 3.12 OR HIGHER	01
SOFTWARE REQUIREMENTSS.No.Required ItemsQuantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01		VERSION 20 USER	
S.No.Required ItemsQuantity1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01		SOFTWARE REQUIREMENTS	
1MS-DOS OS (HIGHER VERSION)012WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	S.No.	Required Items	Quantity
2WINDOWS XP103MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	1	MS-DOS OS (HIGHER VERSION)	01
3MS OFFICE014VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	2	WINDOWS XP	10
4VISUAL STUDIO LATEST VERSION015SCO UNIX016SQL SERVER01	3	MS OFFICE	01
5SCO UNIX016SQL SERVER01	4	VISUAL STUDIO LATEST VERSION	01
6 SQL SERVER 01	5	SCO UNIX	01
	6	SQL SERVER	01

ACHIEVEMENTS

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- 1. Learning Fundamentals of Computer.
- 2. Developing Programming Knowledge
- 3. Gaining Office Automation works.
- 4. Obtaining Experience on working in various Operating Platforms.
- 5. Experience on latest Technology.
- 6. Knowledge in computer Hardware & Software Installation.
- 7. Experience through Project Development to Focus the Skill
- 8. Create a Web design.
- 9. To Develop Programs from planning and flow charting to Coding and debugging.
- 10. Learning VISUAL BASIC, FOXPRO, SQL.
- 11. Provide Hands-on- Experience on PC's
