

DIPLOMA IN COMPUTER APPLICATION OR DIPLOMA IN COMPUTER SCIENCE

**ADVANCED MS EXCEL , HTML ,DBMS, MS WORD,MS POWERPOINT, MS OUTLOOK, MS
ACCESS, VISUAL BASICS & TALLY**

- PERMUTATION & COMBINATION FUNCTION IN MS EXCEL
- COMPLEX NUMBER FUNCTION & LOGARITHM FUNCTION IN MS EXCEL
- G.C.D & L.C.M FUNCTION, INDEX MATH FUNCTION IN MS EXCEL
- PMT(EMI) FUNCTION ,PPMT FUNCTION, SLN FUNCTION IN MS EXCEL
- MOD , IFERROR ,QUOTIENT FUNCTION & MATRIX & DETERMINANT IN MS EXCEL
- UPPER, LOWER, PROPER CASE & MID FUNCTION IN MS EXCEL
- SPELL NUMBER, DGET FUNCTION,BAHTTEXT FUNCTION, AUTOFIT OPTION IN MS EXCEL
- BINARY TO OCTAL, HEXADECIMAL,DECIMAL & VICEVERSA CONVERSION IN MS EXCEL
- DATA ANALYSIS TOOLS, STATISTICAL FUNCTION & INVOICE MAKING TRICKS IN EXCEL
- TRICHONOMETRICAL FUNCTION, TOP BOTTOM RULES IN MS EXCEL
- LARGE PAGE SETUP FOR PRINT, EXCEL TO PDF, MERGE & CENTRE,FREEZE PANS IN EXCEL
- CASH BOOK MAINTAINANCE WITH EXCEL & PIVOT TABLE
- DATA ENTRY IN FORM FORMAT IN ACCESS & MS EXCEL
- VIDEO PLAYER, SPIN BUTTON, TIMELINE, CONSOLIDATE IN MS EXCEL
- SEPARATING CONTENT OF A CELL & TRIM FUNCTION IN MS EXCEL
- TALLY ACCOUNTING EXPORT & HOW TO CONNECT MULTIPLE EXCEL FILE IN EXCEL
- CALCULATION OF MENSURATION & AUTO COLOUR CHANGE OF TABLE IN MS EXCEL
- TIME , MINUTE,TODAY,NOW, HOUR, SECOND , DATE,DATE VALUE,TIME VALUE FUNCTION & AGE CALCULATOR IN MS EXCEL
- SYSTEM GENERATED CALENDER, CONVERT ROWS TO COLUMNS IN MS EXCEL,
- CAMERA , CUSTOM FORMATTING, PROOFING & AUTOCORRECT, DROP DOWN BOX, COMBO BOX FORM CONTROL OPTION, SPELLING TEST IN MS EXCEL
- COUNTIF, LOOKUP, SLICER , VLOOKUP, SUMIF,MATCH, LEFT, RIGHT, LEN, TEXT, FIND, CONCATENATE, CODE, CHAR, WHATSIF, SUBTOTAL , CALCULATION OF TNW,ADJUST TNW & TOL,WEEKDAY, OFFSET, SUMIFS, SUBTOTAL, FREQUENCY , INDIRECT , CORREL, ISNUMBER, WORKDAY, NETWORKDAYS CHOOSE, FORECAST, IFERROR,AGGREGATE, SUM PRODUCT FUNCTION IN MS EXCEL. CREATE SHORTCUT KEYS OF MS EXCEL.
- SIGN, ABS,INT,PI,PROBABILITY ,SERIESSUM,MATRIX, MATRIX MULTIPLICATION & DETERMINANT FUNCTION, PASSWORD BREAKER OF PROTECTED SHEET IN MS EXCEL.

- FILTER,ADVANCE FILTER & CONDITIONAL FORMATTING IN MS EXCEL
- CUSTOMIZE QUICK ACCESS TOOL BAR IN MS EXCEL
- EMAILING WITH MS OUTLOOK, SETTING CHANGE IN GMAIL(PREVIEW PANE, MULTIPLE INBOX, SIGNATURE,UNDO,STARS ETC.), OFFLINE GMAIL USE.
- AUTOMATIC SHUTDOWN OF COMPUTER, CALCULATOR FEATURES, FILTER KEYS, SHORTCUT KEYS RELATED WITH DESKTOP BUTTON. HOW TO PROTECT A FOLDER IN DESKTOP. HOW TO CREATE MULTIPLE FOLDER OF SAME NAME.
- JOURNAL ENTRY , INTEREST CALCULATION, NEFT & RTGS FUND ENTRY , CHEQUE REGISTER, CREATE OPENING BRS , PAY IN SLIP PRINT ,CHEQUE PRINTING, PAYMENT ADVISE PRINT, ALL HIDDEN FEATURES OF TALLY, PRINT PAGE SET UP IN TALLY CONTRA ENTRY, SALES ENTRY , STOCK MANAGEMENT, JOB COSTING , BUDGET , ROC PURCHASE ENTRY, DEBIT & CREDIT NOTE, STOCK MANAGEMENT, CHALLAN RECONCILLATION, GST ADJUSTMENT, INPUT TAX CREDIT, ACCOUNTING INFO INVENTORY INFO, ACCOUNTING VOUCHER, SALES ORDER PROCESSING, PURCHASE ORDER PROCESSING, CHEQUE PRINT , REMOTE ACCESS, CUSTOMISED THE TALLY BY TDL FEATURES, AUTO SIGNATURE BY TDL,MAKE YOUR OWN TDL, ENABLE POWER-PACK ADD ON FEATURES & RECYCLE BIN UTILITY, GST RETURN FILLING INVENTORY VOUCHER, DELIVERY NOTE, TALLY SECURITY CONTROL, AUDIT & COMPLIANCES, JOB WORK IN ORDER, REPORT & BALANCE SHEET, ALL TYPE OF SHORTCUT KEYS ,TDS REPORT, TCS REPORT , E- WAY BILL, MUTUAL FUND ACCOUNTING, PRICE LIST CREATION, PAYROLL MANAGEMENT, BANKING IN TALLY, INFORMATION ABOUT B2B & B2C IN TALLY. ITR FILE & AUDIT.
- CREATE EMPLOYEE TABLE, FORM DESIGN , SALARY CALCULATION, DATA ENTRY, RELATIONSHIP ADDITION MARKS ENQUIRY IN MS ACCESS
- ALL TYPE OF SHORTCUT KEYS , CALCULATION TRICKS , MACRO , TAB BUTTON USE, MAIL MERGE, HYPERLINK,CLIP ART, WATER MARK, LOGO DESIGNING, HEADER & FOOTER , PAGE BREAK, SIGNATURE LINE, COVER PAGE,INSERT PAGE NUMBER, EQUATION & SYMBOL, PASSWORD PROTECTION, FIND & REPLACE, PARAGRAPH SETTINGS, ADD INS, WORD ART, ORIENTATION & MARGINS BACKGROUND COLOUR CHANGE, PROFESSIONAL ENVELOPE DESIGNING & PRINT, AUTOMATIC DATE CHANGE AT HEADER /FOOTER, DYNAMIC RESUME MAKING, AUTO SUM , TEXT WRAPPING IN MS WORD.
- MS EXCEL FORMULA IN MS WORD & VICE VERSA.
- ADVANCE MS POWERPOINT WITH ALL TYPES OF FEATURES
- NEW BUTTON ADDITION BY VISUAL BASICS IN ALL TYPE OF MICROSOFT PRODUCT
- DATABASE ARCHITECHTURE WITH ORACLE
- DETAILS OF ORACLE 10G, 11G & 12C.
- SQL & PL/SQL & DOWNLOAD SQL SERVER.

- TRAFIC SIGNAL PROGRAMING , STUDENT RESULT CALCULATION, CALCULATOR PROGRAMING ,DISPLAY DATE & TIME, DISPLAY DATE & TIME BY MSG BOX MULTIPLICATION TIME TABLE, CREATE UP & DOWN KEY, MOVING A PICTURE IN VISUAL BASICS.
- DESIGN A PARAGRAPH , BACKGROUND CHANGE , CREATION OF LIST , DESIGN OF AN ONLINE FORM , CREATION OF TABLE , CREATE HYPERLINK , MOVEMENT OF PICTURES & TEXT IN HTML.

ADVANCE C++ , C# , .NET, NETWORKING, LINUX, JAVA, JAVA SCRIPT, CSS, PYTHON, R , RUBY, NMAP, MULTIMEDIA & ANDROID APPS

- PERMUTATION & COMBINATION PROGRAMMING
- PROBABILITY PROGRAMMING & ALL TYPE OF MATHEMATICAL FUNCTIONS
- NUMBER SYSTEM PROGRAMMING
- LOGARITHIM PROGRAMMING
- DERIVATIVE & INTEGRATION FUNTION PROGRAMMING
- CALENDER PROGRAMMING
- PROGRAMMING RELATED WITH STATISTICS
- QUADRATIC EQUATIONS & COMPLEX NUMBER PROGRAMMING
- POWER SERIES & ALL TYPE OF SERIES PROGRAMMING
- GRAPHICS PROGRAMMING
- PERFECT NUMBER, SUM OF NATURAL NUMBER, SUM OF EVEN & ODD NUMBERS , ARMSTRONG NUMBER , FIBONACCI SERIES, PALINDROME NUMBER , NEON NUMBER PROGRAMMING.
- LIVE CHAT PROGRAMMING
- TRICHONOMETRICAL FUNCTION RELATED PROGRAMMING
- G.C.D & L.C.M PROGRAMMING
- BINARY TO OCTAL, HEXA DECIMAL & DECIMAL CONVERSION AND VICE VERSA PROGRAMMING
- UPPER , LOWER & PROPER CASE PROGRAMMING
- SIMPLE INTEREST, COMPOUND INTEREST, INSTALLMENT PROGRAMMING
- TIME & DISTANCE ,RATIO & PROPORTION PROGRAMMING
- INFINITE SERIES & PATTERN PROGRAMMING
- DOWNLOAD JDK FILE , BLUEJ , WAMP SERVER, NMAP, LINUX TERMINAL, ECLIPSE
- FIND IP ADRESS(PUBLIC & PRIVATE) & PORT
- DESCRIPTIVE CONCEPT ABOUT DYNAMIC LINK LIBRARY FILE ,32 BITS & 64 BITS OPERATING SYSTEM, PROGRAM FILES OF JAVA

- WHAT IS SOCKETS, DIRECT CONNECTION, DROPLET, REVERSE CONNECTION, IP ADDRESS PORT, WINDOWS OPERATING SYSTEM INSTALLING & MEMORY PARTITION.
- ALL TYPE OF CODING RELATED WITH JAVA SCRIPT & CSS
- PROGRAMMING RELATED WITH MEASUREMENT
- FINDING VOWEL, CONSONANT, CHARACTER & STRING PROGRAMMING
- DATA SCIENCE & STATISTICAL ANALYSIS WITH PYTHON
- NETWORKING WITH PYTHON
- SIMPLE LOG IN PANEL, SIMPLE SOFTWARE RELATED APPS IN ANDROID STUDIO
- INTRODUCTION TO WAMP SERVER, WORD PRESS & PHP MY ADMIN
- MEDIUM LEVEL PHOTOSHOP & CORREL DRAW WORKS(TOTAL 10 CLASS)
- ADVANCED LEVEL DATA STRUCTURE & DATA ALGORITHM
- INTRODUCTION TO DIGITAL LOGIC & COMPUTER DESIGN
- INTRODUCTION TO C# , RUBY LANGUAGE
- WEBSITE DESIGNING WITH ASP.NET
- COMPLETE STUDY ON CODING OF FRONT END & BACK END DEVELOPMENT
- IMPORTANT SHORTCUT KEYS FOR ANDROID MOBILE PHONE
- ALL TYPE OF NMAP COMMAND
- STATISTICAL COMPUTING & DATA SCIENCE WITH R LANGUAGE.
- DATA VISUALIZATION

CORREL DRAW, ADOBE PHOTOSHOP, ADOBE PAGMAKER, ADOBE INDESIGN, AUTOCAD ,3D MAX

- SET CAMERA, MAKING FURNITURE, MODELING APARTMENT, CURVED BRICK WALL IN RADIOSITY , CREATING REAL FLOORS & WALLS , 3D TEXT CREATION , SPOTLIGHT WITH SHADOW, OMNI DIRECTIONAL LIGHT, ANIMATION CREATION IN 3D MAX.
- USING OSNAPS & INTRODUCTION TO RENDERING & LIGHTING IN AUTOCAD
- PLACE A PHOTO INSIDE OF THE TEXT , USAGE OF TOOL BAR, TEXT EDITING, PICTURE MANIPULATION, VISITING CARD, BANNER DESIGN, MARGING OF IMAGES, DISPERSION EFFECTS, CREATE LOGO PATTERN , 3D EFFECTS, DROPLETS IN CORREL DRAW
- CREATE DIGITAL SIGNATURE , PHOTO MANIPULATION, REAL LOOKING RUBBER STAMP, GIF REMOVE OF FLYAWAY HAIR , CUT OUT HAIR, IN ADOBE PHOTOSHOP
- SKY COLOUR CHANGE, GOLDEN EFFECT, LIGHT & PATTERN, MULTIPLE EFFECT, TEXT EFFECT
[LIGHT BURST TEXT EFFECT , TEXT PORTAIT EFFECT , NEON TEXT EFFECT, LIGHT TEXT EFFECT, LIGHT BURST TEXT EFFECT, LOVE TEXT EFFECT , TRANSPARENT TEXT EFFECT, GLASS TEXT EFFECT, GRASS TEXT EFFECT , HAWAI TEXT EFFECT , PAPER CUTOUT TEXT EFFECT, 3D TEXT EFFECT, LIGHT PAINTING TEXT EFFECT, GOLDEN & SILVER EFFECT TEXT , SLICED TEXT EFFECT TEXT MASKING EFFECT , FROZEN TEXT EFFECT , PUT AN IMAGE IN TEXT , SHATTERED TEXT EFFECT , CUTTING WOOD TEXT EFFECT , RETRO TEXT EFFECT ,

REALISTIC LIGHT TEXT EFFECT, BLACK PANTHER TEXT EFFECT, FIRE TEXT EFFECT, BROKE TEXT EFFECT, STREAK PAIN TEXT EFFECT, SMOKE TEXT EFFECT, TEXT DISPERSION EFFECT, PAINT TEXT EFFECT, POWDER BLUST TEXT EFFECT, CARVED TEXT EFFECT, FOIL BALLON TEXT EFFECT, TEXT EFFECT METAL LIGHT, EXPLODING TEXT EFFECT, TEXT GLITCH EFFECT] BLUR EFFECT, CLOUDY EFFECT, REAL DROPLET CREATION, IMAGE EDITING, WALLPAPER PATTERN, CUSTOM SHAPE TOOL, 2 PICTURES BLEND, BACKGROUND CHANGE, PASSPORT SEIZE PHOTO CREATION, TEXT ON FABRICK, CHANGE BACKGROUND INTO SOLID COLOUR IN ADOBE PHOTOSHOP

- USAGE OF TOOL BAR, PAGE SETUP IN A LAYOUT, MAKING A LOGO, FLOOR PLANNING LAYOUT, ISOMETRIC, DRAWHOME 2D PLAN, DRTAW 3D HOUSE MODELING, TITLE BLOCK CREATION, SWEEP COMMAND IN AUTOCAD.
- WORKING WITH AEC OBJECT, DIFFERENT TYPE OF STAIRS, INTERIOR MODELING, CREATING EXTENDED PART OF A LAYOUT, WORKING WITH DIFFERENT TYPES OF COMMAND IN 3D MAX.

HARDWARE & NETWORKING

- ANALOG & DIGITAL ELECTRONICS
- OPERATING SYSTEM, BIOS, CD ROM DRIVE
- DMA & IRQ RAM(SD, DDR, DDR2, DDR3)
- DEMONSTRATION OF VARIOUS PARTS OF LAPTOP
- MAKING A BOOTABLE PENDRIVE
- MICRO PROCESSOR, MOTHER BOARDS, INSTALLATION & ASSEMBLING
- PERIPHERAL DEVICES INSTALLATION & VIRTUAL HARD DISK PARTITION
- BASIC NETWORKING, PROTOCOLS, IP ADRESSING, DEVICE TRANSMISSION TECHNIQUES
- LAN CONFIGURATION, WIRELESS LAN CONFIGURATION
- PROXY SERVER, WAN TECHNOLOGY, BUS ARCHITECHTURE, BLUE DAY RISK CONCEPT, CMOS, MOUSE, KEYBOARD, DRIVERS, PRINTER & SCANNER REPAIRING
- PC ARCHITECTURE, POWER SUPPLY, DISPLAY SYSTEM
- CHIP LEVEL REPARING & FIBER OPTICS CABLING
- VIRUS REMOVING & DETECTION TECHNIQUES, UTILITIES

- ROUTER , FIREWALL, VLAN, NETWORK TROUBLE SHOOTING
- WINDOWS 2008 SERVER INSTALLATION & ADMINISTRATION, LINUX INSTALLATION
- CONFIGURATION OF SERVERS: SAMBA ,TELNET , DHCP , FTP ,DNS, PROXY, APACHE & NFS

SALIENT FEATURES

- **ADVANCE TRAINING ON SOFTWARE TECHNOLOGIES.**
- **7 YEARS REGISTRATION VALIDITY WITH NO HIDDEN CHARGE.**
- **SPECIAL TRAINING ON SPOKEN ENGLISH & TYPING WITH FREE OF COST.**
- **A BRIEF CONCEPT ON MATHEMATICS, PHYSICS & STATISTICAL COMPUTING.**
- **FACILITY OF PROJECT WORK IN EACH SEMESTER WHICH INCREASE DEPTH ON EACH TOPIC OF THE SUBJECT.**
- **DOUBT CLEARING CLASS/ EXTRA CLASS FACILITY.**
- **EXPERIENCED & PERMANENT TEACHER FACILITY.**
- **IN THIS COURSE WE ALSO EMPHASIZE ON SPECIAL MODULE TO INCREASE TYPING SPEED/DATA ENTRY SPEED.**
- **DIGITAL CLASSROOM , BIOMETRIC ATTAINANCE, LIBRARY FACILITY, 1:1 COMPUTER.**
- **SPECIAL INTRODUCTION MODULE ON HARDWARE & NETWORKING, FINANCIAL ACCOUNTING, GRAPHICS DESIGNING, WEB DESIGNING, LINUX,COMPUTER PROGRAMMING,ADVANCE MS OFFICE, DATABASE ADMINISTRATION.**
- **MATERIAL/ NOTES WILL BE PROVIDED FROM INSTITUTE.**
- **BEFORE THE EXAMINATION SPECIAL CLASS WILL BE PROVIDED FROM THE INSTITUTE.**
- **OUR VISION IS ONLY FOR QUALITY EDUCATION WHICH ENRICH EACH STUDENT TO GET SUCCESS IN THEIR CAREER. WE GIVE WRITTEN GURRANTY ON QUALITY OF EDUCATION IF ATTAINANCE OF STUDENT IS 75%.**