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ThinkNEXTM
Innovation at every step...
ISO 9001:2008 Certified Company



The making of a Student into Professional...

ThinkNEXTM Technologies Pvt. Ltd. is an ISO 9001:2008 Certified Software/Electronics/CAD systems development company and approved from Ministry of Corporate Affairs which deals in CAD Solutions, CNC Consultancy, Smart Campus ERP Solutions (University/College/School), University(PTU) Conferences (www.ptuconferences.ac.in), University Journals (www.ptujournals.ac.in), Android/iPhone Apps development, Web designing, Web development, TechSmart Classes, ThinkNEXTM Discount Card (www.thinknextcard.com), GPS based Vehicle Tracking, Bulk SMS, Voice SMS, Biometric Time Attendance, Embedded Systems and Automation Products, Security Systems etc. by using latest technologies e.g. Smart Card, NFC, Biometrics, Barcode, RFID, SMS, Auto SMS (Shortcode), Android, iPhone, Web, Windows and Mobile based technologies.

ThinkNEXTM Technologies has developed for the first time in northern region a cloud computing based **ThinkNEXTM Cloud Campus 4.0** to facilitate knowledge and placement centric services. It is a unique concept for effective and collaborative learning. ThinkNEXTM Cloud Campus is a step towards not only 100% placements, but also better job offers even after placements.

The ThinkNEXTM Edge

- ☐ Industrial Training and Certificates from ISO 9001:2008 Certified Company not just from an institute
- ☐ Free IELTS, Spoken English, Personality Development and Interview Preparation classes.
- ☐ Opportunity to get placed in ThinkNEXTM and numerous other companies.
- ☐ Life-Time Validity Learning and Placement Card.
- ☐ ThinkNEXTM Cloud Campus advantage not only during training, even after completion of training for life time.
- ☐ Experience Certificate by ThinkNEXTM Technologies.
- ☐ Numerous Tie-ups with companies for industrial exposure and placements.
- ☐ Part-Time/Full-Time Job offer for each student during training.
- ☐ One-to-one PC and Corporate Environment.
- ☐ Learn from Industry experts rather than Trainers/Teachers.
- ☐ Direct interaction with Industry Experts.
- ☐ Industrial training programmes are designed to make students industry- ready.
- ☐ Large Display LEDs in each Class-Room/Lab, Wi-Fi Labs.
- ☐ Guest Lectures/Seminars by Industry Experts.
- ☐ 100% Placement assistance and Guaranteed Job Interviews.



Console Application Development, Windows Application Development, Web Application Development (ASP.NET using C#), MVC, Payment Gateway Integration, SAP Crystal Reports, Mobile Application Development, WCF, WPF, Silver Light, Advance Ajax, Web Services, LINQ, 3-Tier Architecture, N-tier Architecture, Live Project, Interview Preparation



Android

Core Java, OOPs Concepts, Introduction To Android, Setting Android Development Environment, Creating Application & Activity, Creating User Interfaces, Intents, Broadcast Receivers, Adapters Menus, Preferences, Parsing, JSON & XML Parsing, Facebook Integration, Multimedia, 3D Graphics, Multi-touch Introducing SMS and MMS Databases and Content Providers, Working in Background Advance Android Development, Live Project, Interview Preparation



iPhone

Basics of Objective C and iPhone
iPhone SDK (i) XCode (ii) Simulator (iii) Interface Builder (iv) Instruments
iPhone Controls
Databases (i) Plist (ii) SQLite (iii) Core
Data, Camera and Photo library, Core Location and Core Animation, Quartz 2D
Maps and Web View
Web Services (i) SOAP (ii) JSON
XML Parsing, Live Project, Interview Preparation



Dreamweaver , HTML, JavaScript, CSS, Core PHP, WAMP Server, Arrays, OOPs, File Uploading, Validating Form, String Handling, Email, Web Features, Database Programming with MySQL, Streams, Ajax, Jquery, CMS WordPress, Joomla, Drupal, Magento, Open Cart, MVC, Cake PHP, CodeIgniter, Live Project, Web Hosting, Interview Preparation



JAVA

Introduction, JDK, JRE, JVM, Integrated Development Environment, oops Concepts, Data Types, Operators, Arrays, Classes & Objects, Interfaces, Packages, Multithreading, Exception Handling, String Handling, Files I/O, Collection, Serialization, Networking, Basic HMTL, CSS, JS, Applets & AWT, Swings, Databases, Apache Server, MVC, JDBC, JSP, Servlets, Struts, Web Services, JSF, Hibernate, Spring, Live Project, Interview Preparation



Web Designing

Adobe Photoshop, Mockup Designing, CorelDraw, HTML 4 & 5, CSS, Adobe Dreamweaver, PSD to HTML Conversion, Java Script, Jquery, Bootstrap, Responsive Web Design, Adobe Flash, Adobe Illustrator, Wamp Server, GIF Animator, FTP Hosting, Live Project, Interview Preparation



**Embedded Systems
& Robotics**

MCS - 51/89C51 Microcontrollers, AVR/PIC Family of Microcontrollers, Arduino, Raspberry Pi, ARM Family of Microcontrollers, PCB Designing, Robotics, Project, Interview Preparation

PLC/SCADA
(Industrial Automation)

Introduction to Automation, PLC Module, Panel Design Module, Ladder Logic Programming, SCADA Software, Drives, HMI, Communication with PLC, Relay & Sensor Interfacing, VFD & Control Panel Designing, HMI & Industrial Networking, Project, Interview Preparation



Networking

Hardware & Troubleshooting, Wired Networking, Wi-Fi Networking, Windows Server 2008 Administration, FTP Server, IIS Server, DNS Server, DHCP Server, Anti Virus Server, Configuration of Cisco Switches, Cisco Router Administration, Active Directory Services, Remote Access Tools Working with Static IP Addresses, Configure SQL Server & Google Apps



CCNA, Basics Of Network Technologies, Cisco Router Hardware, Basic router administration, Cisco router IOS Management, Introduction TCP/IP protocol Subnetting, IP Routing, Configuration of Cisco Switches, Implementing Virtual LANs (VLANs), Network Security, Network Address Translation (NAT) Cisco Wireless Technologies, Internet Protocol Version 6 (IPv6), WAN

MCSA / MCSE 2012

MCSA: Windows Server 2012: Installing and Configuring Windows Server 2012 (Exam 70-410), Administering Windows, Server 2012 (Exam 70-411), Configuring Advanced Windows Server 2012 Services (Exam 70-412), MCSA: SQL Server
MCSE: Server Infrastructure, MCSE: Data Platform (SQL Server 2012)



Internet Marketing

Web Introduction, SEM, On-Page Optimization (SEO), Off-Page Optimization (SEO), Social Media Optimization (SMO), Use of SEO Tools, Internet Marketing & Online Bidding, Project, Interview Preparation, Competitor Analysis, Google Algorithms-Panda & Penguin, Google Sandbox effect.



Software Testing

Manual Testing: SQA Basics, SDLC, Testing Concepts, Bug Tracking and Reporting, Advanced Concepts, Mobile Testing
Database Testing: Introduction, Structural back end tests, Functional back end tests, Testing The Nightly downloading and Distribution jobs, Testing the Interfaces to Transaction APIs, Other Database testing Issues
Automation Testing: QTP, Advance, Working with VuGen, SLA, Selenium, Live Project, Interview Preparation

ORACLE DBA (OCA/OCF)

OCA: Oracle Database 12c: SQL Fundamentals 1Z0-06, Oracle Database 11g: SQL Fundamentals I 1Z0-051, Oracle Database SQL Expert 1Z0-047
OCF: Oracle Database 12c: Installation and Administration 1Z0-062



Basics of MATLAB, Data & Data Flow in MATLAB, MATLAB Graphics (2D-3D), Programming, Errors, Pitfalls & Debugging M-Files, Data Import-Export, GUI (Graphical User Interface), Simulink, Standalone Software Deployment, Performance of Programming Toolboxes (Domain Specific), Project

Animation & Multimedia

Introduction to Multimedia & Animation, Graphics & Publishing, Corel Draw, Adobe Illustrator, 2D Animation, Audio Video Editing, Adobe Premiere Pro, Website Design, Adobe Illustrator, Corel Draw, Photoshop, Maya, 3ds Max, Live Project, Interview Preparation



Introduction to ERP, SAP R/3 Architecture, System Landscape and Flow, Installation of SAP, GUI Administrator, Operation Modes, Profile Maintenance & Parameter Setting, User Administration, Client Administration, Transport Management System, Change and Transport System, Spool Administration, Patch And Kernel, CCMS, Background Processing, Distributed R/3 System, OSS And Snote Concepts, SAP Router, Creating Templates, Database Management, Performance Tuning, System Monitoring, Connectivity between R/3 and BW, SAP Netweaver, Interview Preparation

Online Bidding

Odesk, Elance, Guru, Freelancer, Interview Preparation

For Detailed Syllabus & other information:

Web: www.thinknexttraining.com
www.thinknext.co.in



AutoCAD
(Mechanical/EE)

Basics of CAD, Creating Orthographic drawings, Creating Isometric & Perspective drawings, Modifying AutoCAD drawing, Creating & editing hatching utilities /text, Enquire information-List, ID, Distance, Area, Dimensioning, Creating & editing blocks, Design centre, Xref, Script files, Plotting, AutoCAD 3D: 3D Modeling Concepts in Autocad, Viewpoint & UCS, Wireframe Modeling & Editing, Solid, Mesh, Surface (Modeling & Editing), Materials, Lights & Rendering, Working with Images, Import & Export, Project, Interview Preparation.



Sketcher basics, 3D sketching, Part modeling, Creating reference geometries, Editing features, Advanced modeling tools, Configuration, Design table/library features, Import/export of files, surface Overview, Bottom-up assembly, Top-down assembly, Exploding assemblies, Simulation/ Detailing, BOM, balloon tools, Sheet metal, PDM Works, Weldment, GD&T, Explode Views, Project, Interview Preparation.



CATIA user interface, Creating & editing sketches, Creating sketch based features, transformation features, dress up features, advanced replication tools, Editing parts in assembly, Creating surface features, Generative sheet metal design, Drawing view generation, Finalizing the drawing & Printing, Dress up on 2D Views, Real time rendering, GD&T, Plotting, Project, Interview Preparation.



PTC Creo Concepts, Using the Creo interface, Creating sketcher geometry, Creating Extrude, Revolve & Ribs, Selecting & Editing, Creating datum features, Utilizing internal sketches & embedded datums, Creating sweeps & blends, Creating holes & shells, Creating rounds, chamfers & drafts, Variable section sweeps, Helical sweeps & swept blends, Creating patterns, Group, copy, mirror tools, Measuring & inspecting models, Advanced reference management, Relations & parameters, Layers, family tables & UDF, Assembling with constraints, Exploding assemblies, Creating surface features, Editing surface features in Creo, Creating drawing views, Creating drawing details, Using advanced assembly constraints, Creating & using component interfaces & flexible components, Using assembly features & shrink wrap, Replacing components in an assembly, Understanding simplified reps, Creating cross-section, Substituting components by rep, envelope & model, Creating & using assembly structures & skeletons, Introduction to sheet metal design, Primary, secondary & unattached walls, Unbend, bend back & cuts, Notches & punches, Sheet metal forms, Bending & unbending sheet metal geometry, Converting solid parts, Real time rendering, GD&T, Project, Interview preparation.



Understanding Of CNC Machining Programming and Applications, Introduction to the Working Of CNC Control Panel, Machine Settings / Workpiece Holding / Tool Holding, Tool Offset / Work Offset, Changing Offset Parameters on CNC Control Panel, Basics of CNC Programming : Milling/Turning, G And M Codes, Basic Machining cycles, Advanced Machining Cycles, SolidCAM/DelCam/MasterCam, Canned Cycles, Mirroring Commands, Practical on Machine, Project, Interview Preparation.



User interface, Sketcher essentials, Constraining sketches, Datums, Creating part features, Editing parts, Creating fundamental curves, Editing curves, Editing freeform features, Basic assembly concepts, Creating assemblies, Positioning assembly components, Assembly revisions and component replacements, Assembly sequencing, Assemblies - clearance and analysis, Deformable components, Part families, Project, Interview Preparation.



Introduction to Engineering Design, Different types of Numerical Methods & Applications, Practical Applications of FEA, Basics of finite element method (FEM), Analytical Method to solve any Mechanics Problems, FEM Procedure to solve above Mechanics Problem, Theories of Failure, Basic linear & Torsional Equation, Getting Started with ANSYS, CAD Modeling using ANSYS, Introduction to Meshing, Types of elements & FEA Design intent, Meshing Techniques, Assigning materials properties, Working with different boundary conditions, Performing Different Analysis & viewing Results, 1D element example problems, 2D Plans Stress/Strain example problem, 3D Analysis, Coupled Field Analysis, Project, Interview Preparation.



CAD Basics, Annotations & Dimensions, Layers, Drawing Settings, Orthographic Drawings, Isometric Drawings, Perspective Drawings, Editing the Drawings, Selection Methods, Presenting the Project, Working with a Team, Layout Management, Scale setting, Plotting, Import & Export.

AutoCAD 3D: 3D Modeling Concepts in AutoCAD, 3D Co-ordinates Systems, Viewpoint & UCS, Wireframe Modeling & Editing, Solid, Mesh, Surface (Modeling & Editing), Materials, Lights & Rendering, Working with Images, Import & Export, Project, Interview Preparation.

**AutoCAD
(Civil/Arch.)**



Introduction to Structural Engineering, Introduction to STAAD.Pro, Model generations, Assigning Loads, Automatic Load generations (Slab, Wind & Moving), Column & beam design, RC Designer, Seismic Analysis & Design, Dynamic Analysis, Introduction to FEM/FEA, Water Tank Design, Slab Design, Staircase Design, Shear wall Design, Bridge Deck design using STAAD.Beava, Steel Design, Transmission Line Tower Design, Pushover Analysis, Foundation Designs (Isolate Footing, Combined Footing, Mat Foundation, Pile Cap Design, Report generation, Project, Interview Preparation.



Revit

Introduction to BIM & Revit Architecture, Place & Modify Walls & Complex Walls, Add & Modify wall Profiles, Place Doors, Windows & Components, Dimensions & Constraints, Create Floors & Ceilings, Curtain Walls & Stairs, Conceptual Models, Annotation & Schedules, Structural Elements, Sheets & Title Blocks, Views, Camera, Walk through, Render & Solar Study, In-Place Families, Family Creation, Site Design, Link Projects & Collaboration, Design Phase, Realistic Presentations, Import & Export, Project, Interview Preparation.



Introduction to 3ds Max, Modeling using basic primitives, Spline Modeling, Transforming Objects, Customizing Working units, Arranging Objects using utility tools, Modeling using parametric modifiers, Editing Poly Models, Landscaping & modeling using compound objects, Cameras, Lights, Textures, Particle systems, Importing other formats, Basics of Animation, Walk through, Advanced Rendering, Projects, Interview Preparation.



Calendars - defining hourly & daily calendar, weekly, monthly, Activities - definition, sequencing & estimating duration, Effectively using the four types of PDM Relationship, Scheduling the project, Monitoring & project controlling, Defining constraints & overcoming conflicts, Defining & assigning activity codes, Defining & assigning WBS Codes, organizing the activities by using activity codes & WBS Codes, Reorganizing activities, Defining project codes, Preparing resource information, applying resource to each activity, Estimating the cost of the project, how to analyse the resource by using resource profile & resource table, resource leveling & resource smoothing using crashing, stretching & splitting, Scheduling multiple projects & preparing a master project, Updating the project progress & comparing the actual progress with the baseline, Earned value management, Preparing different types of reports, How to prepare curves, Highlighting the progress in the bar chart, Project, Interview Preparation.



Create an external table, Edit existing dimensions, Modify an external table, Colors for displayed boundary conditions, nodes, rigid links, gravity, Scale for displayed nodes, loads, and constraints, Sketch environment, Dynamic Input, Sketch blocks, Sketch constraints, 2D AutoCAD data in sketches, Project a sketch profile around an axis, Project, Interview Preparation.



PDMS

Introduction to Process Plants, Pipe Designators – NPS, Pipe Wall Thickness & Schedule, Pipe Weights, Introduction to ASME Pressure Piping Design Codes, ASME Standards for Common, Symbols & Dimensioning, Types of Fittings – Butt Weld, Screwed & Socket Weld, Elbows, Reducing Ell, Pipe Bends – Miter Bends, 180 degree Return, Branch Connections – Weld Straight & Reducing Tee, Cross & Lateral, Project, Interview Preparation.

ThinkNEXT Cloud Campus Advantages

- ❑ Each Student will have Unique User ID and Password to Login to ThinkNEXT Cloud Campus 4.0 anytime...anywhere...
- ❑ View Numerous Job Postings, Technical, Personality Development Videos anytime...anywhere...
- ❑ Students will be able to download e-Books, e-Journals, Class Notes and other study material.
- ❑ Student Profile, Instant Technical Updates, Class Notes, Project, Report Submitted, Attendance, Performance, Notice-Board, Class Timings etc. everything online.
- ❑ Communication with industry experts, Technologists through Cloud Campus anytime...anywhere...
- ❑ Access through PCs, Laptops, Tablet PCs, Mobiles via internet.

and many more...

**Part-Time/Full-Time job
offer for Each Student**

ThinkNEXT Technologies Private Limited

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