

SAP Course Prospectus

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WHITE HAT ACADEMY

YOUR SKILL
ENHANCEMENT PARTNER

About Us

Whitehat Academy aims to provide job-oriented latest technology trainings in Kolkata. We have our dedicated trainers for most of the trending technologies. These trainers are also from leading IT giants and have huge industry experience. We have designed all the courses to meet up the skill requirements of the IT Industry which are job oriented too.



We provide training on all modules of SAP, Cloud technologies, Digital Marketing, Content Writing, IoT, Web & Mobile App Development, Web Designing with SEO, Data Analytics with Python.

To meet the demand for SAP certified individuals, Whitehat Academy provides the best quality of SAP training. This will help you understand SAP applications in detail and help you become an SAP professional with extensive knowledge and credibility. We are committed to give placement assistance to leading companies. We are also providing live project training so that candidate can do work after joining in any company.



What is SAP

In the present scenario, ERP (Enterprise Resource Planning) has become a critical part of any organization. Therefore, various companies offer ERP products to help organizations manage different parts of the business. Among all the providers, SAP (Systems Applications and Products) offer the best ERP software in the world today. As a result, SAP has made a huge impact in the business world and many top-notch companies have shifted to this technology. Furthermore, SAP offers different modules such as Production and Planning, Material Management, and Financial Accounting & Controlling.

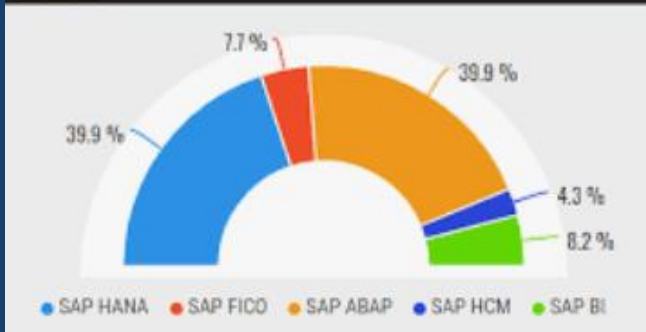
So, you must choose the SAP module in which you want to advance your career. Systems Applications and Products (SAP) has completely dominated the world of Enterprise Resource Planning offering several critical solutions. It helps in minimizing the business operations and maximizing the performance by implementing SAP ERP solutions. Moreover, SAP helps in communicating and connecting to the employees. Furthermore, SAP modules comprise human resources, sales, and finance. By implementing SAP modules, you can completely transform your business and achieve great results.

Advantages of Learning SAP

1. **Job Prospect:** It's quite known in the IT world today that SAP-certified experts can look forward to more high-grade job possibilities in the SAP domain. This is originally because of the huge demand for SAP solutions in most Indian and international organizations.
2. **Good Payrolls / Salary:** SAP-certified masters always earn an advantage when it comes to paying packages. SAP experts are hired by both the government and private firms. Though, SAP consultants are also required in consultancies, ERP systems, CRM solutions, manufacturing, logistics, production, distribution, and many other industries.
3. **Gets Promotion easily:** As stated earlier, SAP certification courses help professionals to climb the stairs of success faster. They secure a clear advantage over their uncertified colleagues in terms of domain knowledge and expertise.
4. **Recognition among employees:** Market studies have explained that SAP-certified experts have a more approving standing in the job market in comparison to the non-certified ones. They are trusted and esteemed for their knowledge and hence also earn higher preferences from employers.



Trending SAP Modules



Advantages of Global SAP Certification

The SAP system offers several added benefits to the organization. With SAP, you can streamline business processes and make effective and accurate decisions. Moving forward let us look at the advantages of implementing the SAP system within your organization.

- ❑ SAP certification will validate your skills and knowledge about the SAP framework and will make you more credible. Thus, by getting SAP certified, you can get job opportunities from all around the world.
- ❑ experienced professionals with SAP Global Certification receive great salary packages when compared to others. With the increasing demand, if you have the proper knowledge and required experience, you can enjoy great salary packages.
- ❑ As an SAP-certified professional, your reputation, credibility, and importance increase immensely in an organization. In addition, you will become a trusted and reliable employee of an organization and help you reach new heights of career success.
- ❑ SAP framework, can save a lot of time and minimize the overall business cost. Thus, it is suited for every type of enterprise including small, medium, and large-scale enterprises. SAP certified individuals add more value to this and make it possible for them.
- ❑ SAP deliver new and innovative features to enhance the technology and help an organization meet business requirements. In addition, enterprises become more flexible and enhance their security.
- ❑ Furthermore, by joining a training institute, you can learn about public and hybrid clouds. You must understand the basic concepts of Automation, CMDB, SaaS Solutions Integration, and Containerization

10 features of our SAP Training Programs

- ❑ 100% Job assistance for Successful Candidates & paid internship immediately after course completion.
- ❑ Best short-term course for the freshers to secure a good paying job quickly. Professionals and SAP users can take this course enhance their position within their organization
- ❑ Most competitive SAP training program in Kolkata and India
- ❑ Online & Offline (classroom training in Kolkata only) mode available – Flexibility as per candidate's schedule. Be 100% job ready to deliver within next 3 months
- ❑ Customized preparatory session for candidates appearing for Global Certification
- ❑ Get trained by the certified experts in the industry – trainers have vast knowledge in SAP and provided training to many successful professionals.
- ❑ Candidates can have access to our virtual LAB during training and post training also
- ❑ Tailored modules for different proficiency level and for people from different technical background
- ❑ Scenario based effective training with unlimited lab sessions.
- ❑ Keep Focus on your Goals and Take the First Step Towards Being an SAP Certified Professional.

Who Can Take SAP Training

Freshers/ Entry level Candidates:

- ❖ Minimum Qualification – Graduate (B. Tech, BSc, BCA, BBA & B. Com graduates)
- ❖ Post Graduate Degree (MCA, MSc, M. Com, M. Tech)
- ❖ UG Final year students with brief knowledge in programming

Working Professionals:

There are several jobs that require SAP-related skills. Professionals who can take up SAP training include, but are not limited to

- ❖ IT Analysts, Managers, Network Managers & Professionals
- ❖ IT Architects and administrators
- ❖ Pre-sales, Installation & Migration experts
- ❖ SAP users in plant, warehouse, finance sectors
- ❖ Human Resources Executives/Business administrators
- ❖ SAP Specialists/users/consultants

SAP HANA 2.0

Duration:

20 Contact Hrs. in 1.5 Month

Eligibility:

1. Designing, Installation & Developer professionals and corporates working with SAP
2. People who wants to upgrade their knowledge with different SAP modules

Domain Knowledge:

1. knowledge in any SAP module
2. knowledge of Operating System
3. Basic understanding of Infrastructure/Data Centre management

Topics to Cover

1. Why Hana
2. Hana Architecture
3. Hana Installation
4. Fiori Installation
5. Hana Back up & Recovery
6. SAP HANA2.0 installation in HA environment
7. Starting and stopping HANA
8. HANA alert checking
9. Data & Log area backup
- 10.HANA cleaner
- 11.HWCCT HANA platform configuration
- 12.HANA system replication setup and test
- 13.HANA Troubleshooting
- 14.S4 HANA installation
- 15.SPS Upgrade through SUM Tool & Troubleshooting
- 16.Kernel Upgrade
- 17.Solman Upgrade through SUM tool

What is HANA 2.0 :-

The next-generation of in-memory platform, SAP HANA 2.0, simplifies database and data management – and makes it easier for application developers to deliver smart, insight-driven apps. The platform's new capabilities are optimized for innovation and can help your business compete more effectively in the digital economy. And because SAP HANA 2.0 is a continuation of the existing platform, you'll have access to a stable, highly available, and secure data environment for your applications.

SAP ABAP

Duration:

48 Contact Hours in 3 Month

Eligibility:

IT & Computer Science graduates, B.Tech, M. Tech, MCA, BSc with programming knowledge and IT Professional, Programmer etc.

Domain Knowledge:

Knowledge in any programming language like C, C++, DataStructure, Java etc

Topics to cover -

1. Overall introduction to ERP

- a. Data Types & Data Dictionary
- b. Transaction code creation
- c. Table & Elements

2. Reporting

- a. Debugging techniques
- b. Control Break Statements
- c. Modularization techniques
- d. subroutine, function module, macros
- e. Events for classical reports
- f. Events for interactive reports
- g. Hide and hotspot
- h. Creating and handling buttons

3. ALV

- a. ALV Concept
- b. ALV toolbar, Classes, Reports

4. DIALOG PROGRAMMING

- a. Introduction to screen painter and dialog programming
- b. Flow logic
- c.. Screen designing
- d. Screen Programming
- e. Processing of list from transaction and vice versa

5. INTERFACE PROGRAMMING

- a. Introduction to BDC File Handling
- b. Presentation server
- c.. Application server
- d. Recordings Methods in BDC
- e. Error Handling in Call Transaction
- f. Handling Table Controls in BDC and Screen Resolutions
- g. Legacy System Migration Workbench (LSMW)
- h. Different methods
- i. Steps to Create an LSMW Project
- j. Flat file creation
- k. Uploading data

6. SAP Scripts, SMARTFORMS, ADOBE FORMS / INTERACTIVE FORMS (PDF)

7. Cross Application and Miscellaneous topics

8. IDOCS

- a. Concepts of IDOCS
- b. Creation of IDOCS
- c. Creation of message types
- d. Monitoring tool of IDOCS Interface

9. ALE & EDI

10. BAPI and Business Objects

- a. Introduction to BAPI
- b. Overview of Business Objects
- c. Step By Step Approach followed to create BAPI

11. ENHANCEMENTS

- a. Introduction to enhancements
- b. Different Ways of doing Enhancements
- c. Types of User Exits

SAP BASIS

Duration:

48 Contact Hours in 3 Month

Eligibility:

1. Designing, Installation & Developer professionals and corporates
2. System administrators
3. IT graduates (freshers preferable), database or software programmers background, in B.Sc. IT, BCA, MCA, B.E., B.Tech, M.Tech

Domain Knowledge:

1. IP networking
2. Client/Server administration
3. Infrastructure/Data Centre management

Topics to Cover

1. SAP Introduction
2. SAP R / 3
3. SAP Landscape
4. Installation & Guidelines
5. Background Processing
6. Operation Modes and Load Balancing
7. SAP Server
8. SAP NetWeaver Java System Administration– Basic
9. Client Management
10. Transport System
11. Patch Management
12. SPOOL
13. Admin Utilities
14. Advanced Topics
15. Standard Troubleshooting
16. System Monitoring
17. Memory Management
18. Database Management
19. SAPRouter
20. Business Process and Real Time Scenarios

SAP Security

Duration:

40 Contact Hours in 3 Month

Eligibility:

1. Application Security, administrators, professionals and corporates, Network Administrators
2. IT security professional
3. IT graduates, B.Tech, M. Tech, MCA with networking, Security and application security

Domain Knowledge:

1. knowledge in application security and threats
2. Basic programming knowledge
3. Working experience with any SAP modules (optional)

Topics to Cover with Security ADM940 :

1. Authorizations in General
2. Basic Terminology of Authorizations
3. User Settings
4. Working with the Role Maintenance
5. Basic Settings
6. Troubleshooting Using Traces
7. Transporting Authorizations
8. Integration into the Company Landscape
9. Assignment, Query and Evolutions ADM 940 and ADM 945

Topics to Cover with Security ADM945 :

1. SAP Fiori Concept
2. SAP Fiori Authorization
3. SAP Fiori Catalogs and SAP Fiori Groups
4. PFCG Roles for SAP Fiori
5. Create Back-End Server (BES) Roles
6. Authorization concept for ABAP Core Data Services (CDS)
7. Analyze and Implement SAP Fiori Applications
8. Authorizations in SAP S/4HANA Projects
9. One App (Odata) for Multiple Back-End Systems
10. Understanding SAP Fiori Launchpad Deployment Options
11. Understanding SAP Cloud Platform Integration
12. Assignment, Query and Evolutions ADM 945
13. Appendix Important Links

SAP Solution Manager 7.2

Duration:

32 Contact Hours in 2 Month

Eligibility:

1. Application life cycle managers, administrators, professionals and corporates
2. Leadership team, presales and business owners
3. IT graduates, B.Tech, M. Tech, MCA with knowledge in application life cycle management

Domain Knowledge:

1. knowledge in application development
2. Application life cycle management
3. Business process and automation

Topics to Cover

1. MAI
 - A. Managed System Configuration
 - B. Charm Transport and System Switch
2. Technical Monitoring
3. System Monitoring
4. Workflow scheduling
5. EWA Report for APAP & Java System
6. EWA Framework
7. SLD, LMDB concepts
8. Landscape Alignment(LA)
9. Maintenance Planner concepts
10. Solution Manager Installation
11. Job Management
12. Soldoc & Soladm
13. ALM
14. Diagnostic Agent (DAA), SMD Agent
15. Wily Introscope
16. Troubleshooting
17. Difference between Solution Manger 7.1 & 7.2

SAP FICO

Duration:

48 Contact Hours in 3 Month

Eligibility:

1. Corporate and Professional from IT and IT related industries
2. SAP users in corporate sectors
3. IT & Computer Science graduates, B.Tech, M.Tech, MCA with programming knowledge

Domain Knowledge:

1. Knowledge in programming language
2. Details understanding of accounts, GST and Corporate TAX

Topics to Cover

1. INTRODUCTION TO SAP R/3
2. FINANCIAL ACCOUNTING BASIC SETTINGS
3. GENERAL LEDGER ACCOUNTING
4. ACCOUNTS PAYABLE
5. ACCOUNTS RECEIVABLE
6. ASSET ACCOUNTING
7. NEW GENERAL LEDGER ACCOUNTING
8. INTEGRATION OF FINANCIAL ACCOUNTING WITH MATERIALS MANAGEMENT
9. REPORTS
10. INTEGRATION
11. BASIC SETTINGS FOR CONTROLLING

SAP MM

Duration:

40 Contact Hours in 3 Month

Eligibility:

1. Corporate and Professional from different heavy industries and plants
2. SAP users in corporate sectors, Plants, logistics and heavy industries
3. IT & Computer Science graduates, B.Tech, M.Tech, MCA with programming knowledge

Domain Knowledge:

1. knowledge in programming language
2. Details understanding of material handling, Logistics, Plant experience, knowledge of material handling

Topics to cover -

1. Define Procurement Processes
2. Describe the components of commonly used procurement processes.
3. Describe configuration using Procurement
4. Define Organization Levels and the Master Data
5. Set up Material and Vendor Master records.
6. Describe configuration using Organization
7. Configure Vendor Master, Material Master and Organization levels
8. Define Purchasing Optimization
9. Define Inventory Management
10. Process Goods Receipts, Goods Issues, Transfer Postings and Special Inventory Processes.
11. Define Valuation and Account Determination
12. Describe account determination and valuation set up.
13. Define Logistics Invoice Verification
14. Describe Invoice Blocks, Subsequent Debits/Credits, Tolerances and Special Settings for LIV.
15. Define Material Requirements Planning
16. Set up MRP Parameters in Configuration and Application sides.
17. Describe configuration using Inventory Management
18. Set up Movement Types, Documents and Plant Parameters.
19. Define Physical Inventory

SAP SD

Duration:

40 Contact Hours in 3 Month

Eligibility:

1. Corporate and Professional from different heavy industries and plants
2. SAP users in corporate sectors, Plants, logistics and heavy industries
3. IT & Computer Science graduates, B.Tech, M.Tech, MCA with programming knowledge

Domain Knowledge:

1. knowledge in programming language
2. Details understanding of sales and distribution process

Topics to cover -

1. Introductions to SD
2. Organizational structure of an Enterprise in the SAP ECC system
3. Master Data
4. Pricing Process and Determination
5. Document Types for Pre-sales and Sales Documents
6. Sales Cycles - sales processes
7. Free goods processing
8. Revenue Account Determination
9. SD Basic Functions
10. Special Sales Special Processes
11. Invoicing Plans
12. SAP S/4 Hana
13. Integration with Other Modules and Support

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