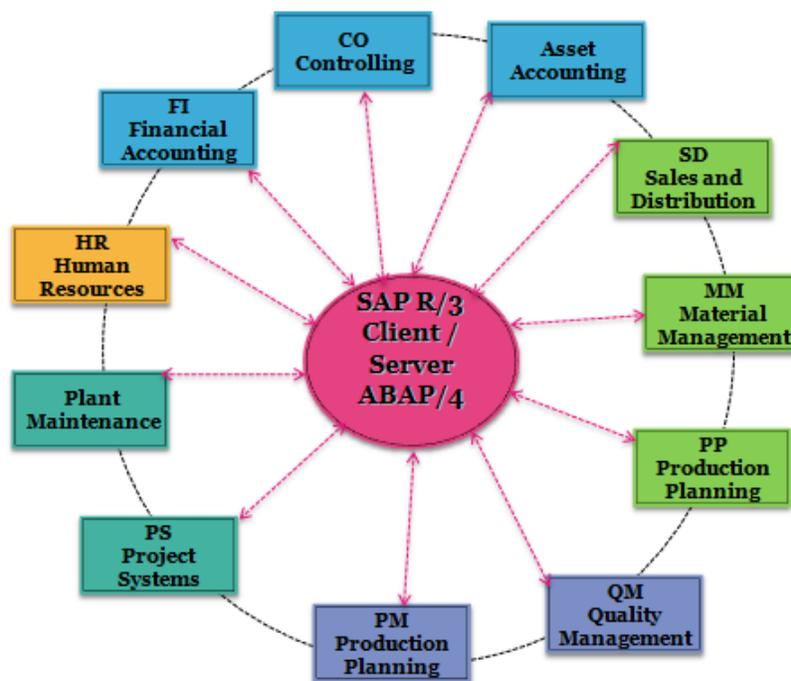# SAP Modules Overview

SAP Modules overview: - [SAP stands for]() **"Systems, Applications and Products in data processing"** and it is the fourth largest software company in the world. SAP provides end to end solutions for financials, manufacturing, logistics, distribution etc. Each SAP module is integrated with other modules. SAP System divided in to two types of modules such as functional modules and technical modules.
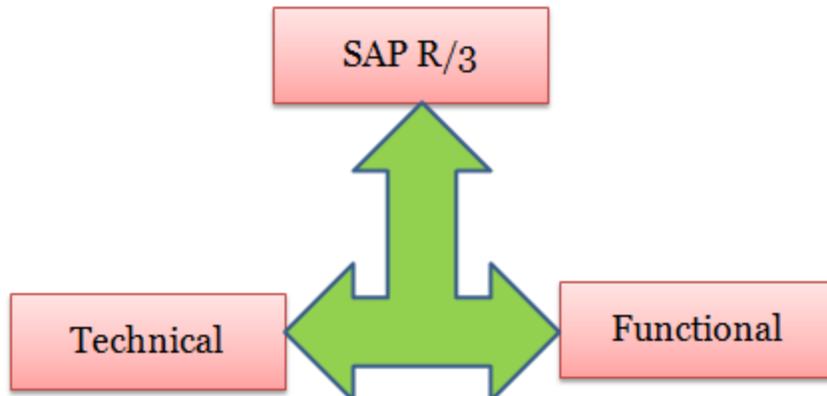
The important *SAP modules* used by organization are [FICO]() *(Financials and Controlling),* [MM]() *(Materials Management),* [SD (Sales & Distribution),]() [HR]() *(Human Resources), PP (Production Planning).*

SAP Modules Integration

SAP Modules in R/3 - SAP R/3 System is divided in to various modules, each module has its own business task.

- Functional
- Technical

Functional Modules Overview

SAP Module FI (Finance Accounting) :- *The following are important sub-modules of Financial accounting*

- General Ledger(GL)
- Accounts Payable(AP)
- Accounts Receivable(AR)
- Bank and Cash Management
- Budgeting and Monitoring
- Withholding Tax (TDS)
- Asset Accounting(AA)
- Funds Management(FM)
- Treasury Management(TM)

SAP Module CO (Controlling) :- *The important sub-modules of controlling are as follows*

- Product Costing(CO-PC)
- Periodic Allocations
- Profitability Analysis(CO-PA)
- Cost Center Accounting(CCA)
- Profit Center Accounting(PCA)

SAP Module SD (Sales and Distribution) :-

- Sales Order Processing and Monitoring
- Shipping
- Bill / Invoice Generation
- Credit Management
- Bill of Material
- Pricing and Discounts
- Statutory Requirements

SAP Module HR

- Organizational Management
- Personnel Administration
- Recruitment Time Management
- Management Personnel Cost
- Planning Budget
- Payroll Benefits Compensation
- Management Personnel
- Development Training & Event Management
- Travel Management

SAP Module PP (Production Planning)

- Production Planning
- Production Order Processing
- Demand Management (DM)
- Materials Requirements Planning (MRP)
- Shop Floor Control
- Capacity Requirements Planning (CRP)
- Information System

SAP Module MM (Materials Management)

- Purchasing
- Inventory Management
- Inventory Valuation
- Vendor Evaluation and Rating
- Invoice Verification
- Statutory Requirements

SAP Module QM (Quality Management)

- Incoming Inspection
- Process Inspection
- Final/Delivery Inspections
- Quality Reports / Certificates
- Quality Notifications

SAP Module PM (Plant Maintenance)

- Maintenance Planning
- Breakdown Maintenance
- Preventive Maintenance
- Predictive Maintenance

SAP Module PS (Project Systems)

- Project Planning
- Project Monitoring
- Project Costing
- Milestone based Billing
- Handling of WBS Elements

SAP Module Supply Chain Management

Technical Modules Overview

- **Netweaver**
- **ABAP - Advanced Business Application Programming**
- **IS (Information Systems) Management**
- **XI – Exchange Infrastructure**
- **SAP Basis**
- **BIW – Business Information Warehousing**

For SAP Training tutorials visit - **http://www.saponlinetutorials.com/**

Adarsh