



**SAP**  
**(Systems Applications and Products)**  
**SYLLABUS COPY**

---

**Engineered for skill enhancement.**



# PROGRAM HIGHLIGHTS

---

## **Accredited Certificates :**

- ✓ Program approved ISO Certification

## **Internships :**

- ✓ Industry-relevant opportunities provided-

## **Placement Assistance :**

- ✓ Career guidance from industry experts-

## **Basic to Advanced Level Training :**

- ✓ Learn from experienced AI professionals .

## **Live & Recorded Lectures :**

- ✓ Flexible learning at your convenience .

## **Real-Time Projects :**

- ✓ Hands-on minor & major projects



# ABOUT US

---

- **OUR MISSION :**

Nxt Sync is a pioneering EdTech company committed to bridging the gap between theoretical learning and practical application. Our mission is to empower students with cutting-edge AI skills that enhance employability and prepare them for a tech-driven future.

- **OUR VISION--UPSKILL:** Empowering minds for the future.
- **INNOVATE:** Fostering creativity and breakthroughs .
- **EXCEL:** Preparing industry-ready professionals.



## WHY SAP?

---

- High Demand Across Industries
- Integration of Business Processes & Efficiency
- Global Career Opportunities in ERP Solutions
- Scalable & Customizable Enterprise Resource Planning
- Enhanced Business Intelligence & Decision-Making
- Integration with Cloud, AI & Analytics



# LEARNING PATH

---

- 1** Introduction to SAP & ERP Systems
- 2** SAP Financial Accounting (FI) & Controlling (CO)
- 3** SAP Material Management (MM) & Procurement
- 4** SAP Sales & Distribution (SD)
- 5** SAP Human Capital Management (HCM)
- 6** SAP Production Planning (PP) & Quality Management (QM)
- 7** SAP Supply Chain Management (SCM) & Logistics Execution (LE)
- 8** SAP Business Intelligence (BI) & Analytics (BW/BO)
- 9** SAP HANA & Cloud Solutions
- 10** Capstone Projects & Research



# DETAILED MODULE BREAKDOWN

---

## Module 1: Introduction to SAP & ERP Systems

- ◆ Overview of ERP & SAP
  - ◆ SAP System Navigation & User Interface
  - ◆ SAP Modules & Industry Applications
  - ◆ Career Opportunities in SAP

## Module 2: SAP Financial Accounting (FI) & Controlling (CO)

- - ◆ General Ledger (GL), Accounts Payable (AP) & Accounts Receivable (AR)
  - ◆ Asset Accounting (AA) & Bank Accounting
  - ◆ Cost Center Accounting (CCA) & Internal Orders
  - ◆ Profitability Analysis & SAP FICO Tools



### **Module 3: SAP Material Management (MM) & Procurement**

- ◆ Procurement & Inventory Management
- ◆ Vendor Management & Purchase Requisition
- ◆ SAP MM Integration with Other Modules
- ◆ SAP MM Tools & Reporting

### **Module 4: SAP Sales & Distribution (SD)**

- ◆ Customer Master Data & Pricing
- ◆ Sales Order Processing & Billing
- ◆ Credit Management & Revenue Recognition
- ◆ Sales & Logistics Integration

### **Module 5: SAP Human Capital Management (HCM)**

- ◆ Organizational Management & Personnel Administration
- ◆ Time Management & Payroll Processing
- ◆ Talent Management & SAP SuccessFactors
- ◆ HR Analytics & Employee Self-Service



## **Module 6: SAP Production Planning (PP) & Quality Management (QM)**

- ◆ Master Data in PP & Bill of Materials (BOM)
- ◆ Production Order Management & MRP
- ◆ Quality Inspections & Control Processes
- ◆ Integration with Warehouse Management

## **Module 7: SAP Supply Chain Management (SCM) & Logistics Execution (LE)**

- ◆ Demand Planning & Supply Chain Optimization
- ◆ Warehouse Management (WM) & Transportation
- ◆ SAP LE Modules & Integration
- ◆ Real-Time Logistics Analytics

## **Module 8: SAP Business Intelligence (BI) & Analytics (BW/BO)**

- ◆ Introduction to SAP BW & BO
- ◆ Data Extraction, Transformation & Loading (ETL)
- ◆ SAP BI Dashboards & Reporting
- ◆ Advanced Data Analytics & Forecasting



## **Module 9: SAP HANA & Cloud Solutions**

- ◆ Introduction to SAP HANA & In-Memory Computing
- ◆ SAP S/4HANA Implementation & Migration
- ◆ Cloud-Based SAP Solutions & Fiori Apps
- ◆ Integration with AI & IoT

## **Module 10: Capstone Projects & Industry Research**

- ◆ Hands-on Real-Time SAP Projects
- ◆ Industry Collaboration & Research-Based Projects
- ◆ SAP Portfolio Building
- ◆ ERP System Implementation Case Studies



## ASSIGNMENT'S & ASSESSMENTS

---

- Weekly hands-on assignments
- Mid-term SAP mini-projects
- Final capstone SAP project
- Live presentations & discussions



## TOOLS & FRAMEWORKS USED

---



### SAP ERP & Business Suites:

SAP S/4HANA, SAP ECC, SAP NetWeaver



### SAP Analytics & Business Intelligence:

SAP BI, SAP BW, SAP BusinessObjects



### SAP SCM & Logistics:

SAP MM, SAP WM, SAP TM, SAP EWM



### SAP HR & Talent Management:

SAP HCM, SAP SuccessFactors



## RECOMMENDED READING

---

- "SAP ERP Financials: Configuration and Design" – Naeem Arif & Sheikh Muhammad
- "Configuring SAP ERP Sales and Distribution" – Kapil Sharma
- "SAP S/4HANA: An Introduction" – Thomas Saueressig & Sven Denecke
- "SAP ERP: A Guide to Implementation" – Mathew Nelson



# WHY CHOOSE NXTSYNC?

---

- "SAP ERP Financials: Configuration and Design" – Naeem Arif & Sheikh Muhammad
- "Configuring SAP ERP Sales and Distribution" – Kapil Sharma
- "SAP S/4HANA: An Introduction" – Thomas Saueressig & Sven Denecken
- "SAP ERP: A Guide to Implementation" – Mathew Nelson



# THANK YOU

