



PHYSICAL DESIGN

We work in collaboration with major
VLSI Companies for placement

 9947273095

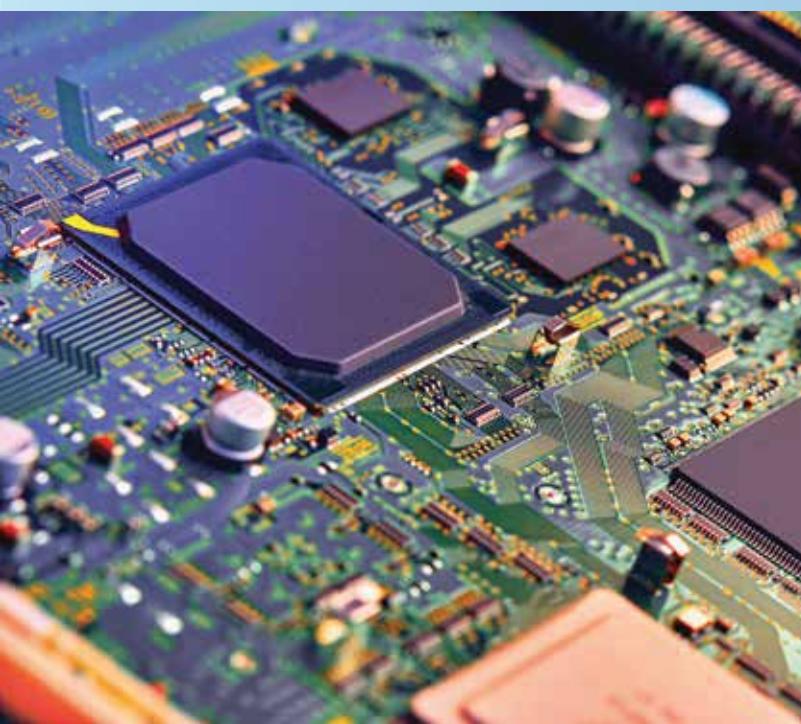
    techford_information

Techford information
2nd floor, Portico downtown
Seaport Airport Road, Chitethukara

ABOUT TECHFORD VLSI

Techford VLSI is among the top VLSI training institutes in India. At Techford , we understand the changing demands in the field of VLSI. Our courses are designed to offer students hands-on experience in industry trends. We focus on the overall growth and development of the student. At Techford , our courses are job oriented and our trainers have over 8+ year's industry experience.

Since our inception, we have strived to remain among the best VLSI training institute. We do this through intensive training, affiliation with top-tier semiconductor companies and effective placement programs. Our primary aim at Techford is to connect the student's skill set with industry requirements. We have a very conducive learning environment with modern facilities and tools. Our student's excellent performance in the field has continually ranked us the best VLSI institute in India.



TECHFORD VLSI UNIQUE FEATURES



Expert Trainers

and Curriculum

We collaborate with trainers who have over 8+ year's industry experience. All our courses are professionally designed and are job-oriented to satisfy the demands of the VLSI industry. Our courses are designed and delivered by Professional in The Industry.



Online/Offline Courses & Affordable Fee

Our Online/Offline VLSI courses are designed to ensure that our students gain access to training materials and classrooms at their convenience. We offer state-of-the-art courses at very affordable prices. Our prices are very affordable and competitive with monthly EMI facility.



Powerful EDA Tools

We utilize industrial standard EDA tools for hands-on training of our students. During your period as trainee in our VLSI institute, EDA tools are accessible 24x7 through our vpn service.



100% Placement Support

At Techford VLSI technologies we provide placement support for our students till they get placed. We collaborate with over 200+ top-level semiconductor companies that provide us with placement opportunities for our students.

Physical Design Course Description

Techford VLSI's physical design course is designed to give hands on experience in designing complex chip physical design from RTL to GDSII by utilizing industry standard EDA tools. Course majorly focuses in improving student skill set from the basics and gradually introduce more complex topics with the help of industry standard live projects.

Course material, hand-outs and regular assignments help student to get quick jobs in the semiconductor market. By end of the course you will learn all basics required for interview, physical design flow from floorplanning, power planning, placement, clock tree synthesis and physical verification.

LEARNING OUTCOME

- Get hands-on experience in physical design from RTL to GDSII by executing industry standard live projects.
- Gain deep knowledge in chip design concepts such as floor planning, power planning and building various type of clock trees.
- Acquire skill set in Static Timing Analysis and Synthesis.
- Learn to verify chip design using all physical verification concepts.
- Placement ready with improved soft skills and digital basics.

TOOLS & VPN

Synopsys IC Compiler and PrimeTime with 24x7 VPN access to tools

MODE OF STUDY

Offline, Online – Daily and Weekends

DURATION : 6 Months

TRAINER DETAILS

Trainer has 8+ years of rich experience in physical design domain. He worked on complete RTL to GDSII flow of cutting edge technology nodes 3nm, 7nm, 10nm from block level and top level. His work involves floorplanning, power planning, clock tree synthesis (CTS), DFM, RC extraction, STA and signal integrity (crosstalk) analysis, Formal and physical verification of complex chip sets such as Modem, Memories, PCIe, PHY. He is also managing an ASIC Backed Design team from RTL to tapeout/Signoff including managing tools flows and design issues. He is our expert for giving hands-on tool and theory knowledge to students.

KEY COURSE FEATURES

- 100% placement and tool support till placement is done.
- 24x7 tool access through vpn.
- Affordable fee and EMI facility.
- Industry live projects under the supervision of 15+ experienced trainer.
- Course material, hand-outs, quizzes, assignments to assist in learning.

ELIGIBILITY

B.E/B.Tech in EEE, ECE & EIE pursuing or completed.
M.E/M.Tech/M.S in VLSI/Embedded/Microelectronics

200+ LIST OF PLACEMENT COMPANIES

100% Assured Placement Assistance Till get placed.

Typical placement companies: Capgemini, L&T, HCL, Wipro, Cyient, Samsung, AMD, Synopsys, Tessolve, Micron, Synapse, Cerium, Einfochips, Wafer Space, UST Global, KarMic, Mirafra, Eximius, Sankalp, Insemi, Si2chip, PerfectVIPs, SeviTech, Open Silicon, Atria, Appex, Krisemi, Incise and many more.



COURSE LINK: <https://www.techford.in>



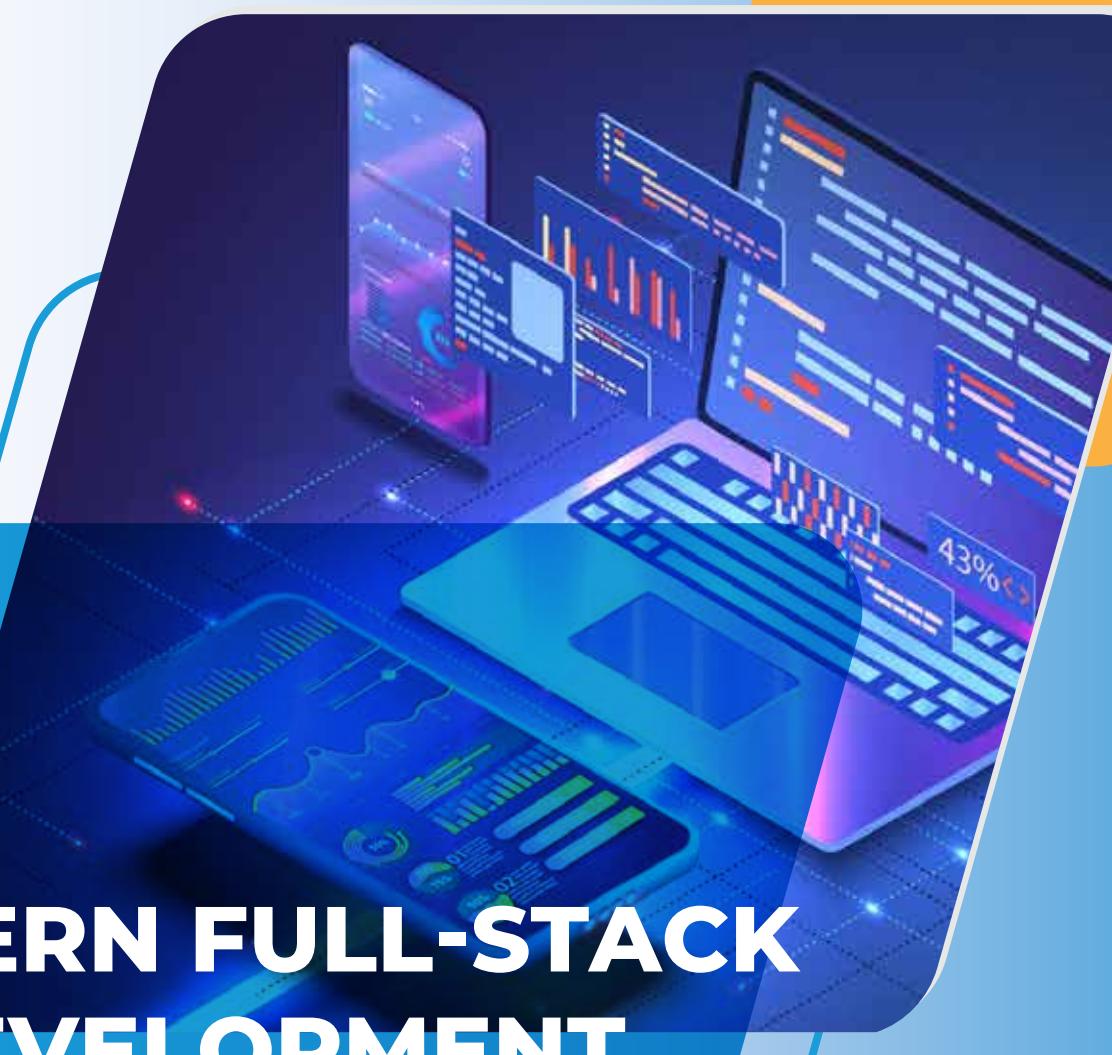
techfordkerala@gmail.com



+91- 9947273095

COURSE CURRICULUM

S.No	Module Name	Sub-Modules
Module 1	Introduction to Electronics, MOSFET & CMOS Theory	Introduction to Electronics and MOSFET Theory
		Introduction to CMOS Process and Circuits
Module 2	Digital Electronics	Binary system and Boolean algebra
		Combinational Circuits
		Sequential circuits - Counters, state machines, shift registers
Module 3	Basics of UNIX/LINUX	Introduction to Unix/Linux Commands
		VI Editor Commands
Module 4	Introduction to ASIC Design	ASIC Flow
		All Stages Discussion
Module 5	Introduction to Verilog	Basic Concepts
		Gate - Level Modeling
		Dataflow Modeling
		Behavioural Modeling
		Tasks and Functions
Module 6	Introduction to DFT	DFT Basics
		Fault Modeling
		Logic and Fault Simulation
		SCAN Design
		Introduction to BIST
Module 7	Synthesis	Inputs and Outputs understanding
		Constraints development and understanding
		Optimization techniques (unify, preserve, flatten)
		Wireload model, PLE, Physical, Spatial
Module 8	Static Timing Analysis Part – 1	Basic understanding of transition/slew, capacitance, leakage power, internal power, On-Chip-Variation (derate, AOCV, LVF)
		Library file difference NLDM, CCS, ECSM, LVF
		Timing concepts understanding such as setup, hold, recovery, removal, pulse width, clock gating check
Module 9	Static Timing Analysis Part – 2	PLL jitter understanding and uncertainty calculations
		IO budgeting
		Different Timing Modes understanding
		Introduction to ECO
Module 10	Physical Design	Input files, Sanity Checks and IO placement
		Floorplanning and Power planning concepts
		Placement strategies like region, fence, blockages, padding, bump, dont touch, filler gap, DRV optimization, Buffer tree synthesis
		Clock tree synthesis and clock latency calculations
		Routing design and optimization, antenna Effect and Latch up issue
		ECO Timing closure and implementation cycle
Module 11	Physical Design Verification	Design Rule Checks understanding and importance
		Layout Versus Schematic and difference with respect to LEC
		Electrical Rule Checks
		IR Drop analysis - Static and Dynamic
Module 12	Industry standard Project Execution	Industry Standard Physical Design Live Project
Module 13	Mock Interviews & Personality Development	



MERN FULL-STACK DEVELOPMENT WITH INTERNSHIP

 9947273095

    techford_information

Techford information
2nd floor, Portico downtown
Seaport Airport Road, Chitethukara

MERN FULL-STACK DEVELOPMENT WITH INTERNSHIP

MERN full-stack development refers to building complete web applications using a specific set of JavaScript-based technologies: MongoDB, Express.js, React, and Node.js.

Techford information offers a rigorous full stack development programs with an industry- vetted curriculum, live classes, hands-on real world projects, and one-to-one mentorship. The program emphasizes problem solving and critical thinking, offers lifetime access to resource and community, and include dedicated carrier support and a vibrant peer network.

Our instructors are not just instructor's!!! They are working technologists currently engaged in building scalable systems at leading companies.

MongoDB (M):

A NoSQL database that stores data in flexible, JSON-like documents. It's used for the database layer, handling data storage and retrieval.

Express.js (E):

A fast, minimalist web application framework for Node.js. It's used for the backend, handling server-side logic, routing, and API creation.

React (R):

A JavaScript library for building user interfaces. It's used for the frontend, creating interactive and dynamic single-page applications.

Node.js (N):

A JavaScript runtime environment that allows you to run JavaScript code outside of a web browser. It's the foundation for the backend, enabling server-side development with JavaScript.

Crafting Seamless Digital Experiences
Full Stack Developer



Module 1

Web Fundamentals
HTML Basics + Git
CSS Basics
Responsive Design + CSS Grid
JavaScript Basics
JavaScript DOM Manipulation

Module 2

Frontend Development with React
React Core
React Setup + JSX + Components
State Management with useState
useState basics and input handling
useEffect + List Rendering
useEffect for data fetching, intervals
Conditional Rendering + Event Handling
if, ternary, && in JSX
React Router

Module 3

Styling and State Tools
Styling with Bootstrap, MUI, or Styled Components
Choose one: Bootstrap, MUI, styled-components
Context API
Redux Toolkit Basics
Redux Middleware & Async Logic
Review + Mini Challenge

Module 4

Mini Frontend Project (Task Manager / Blog)
Project Development
Finalization & Deployment



In essence, MERN full-stack development means:

Developing the frontend (user interface) with React, providing a rich and responsive user experience.

Building the backend (server-side logic and APIs) with Express.js and Node.js, handling data processing, authentication, and communication with the database.

Storing and managing application data in MongoDB.

The MERN stack is popular due to its full-stack JavaScript approach, allowing developers to use a single language across the entire application, which can streamline development and reduce context switching.

Learning outcome:

Candidates become a experienced full stack developer

LIST OUT MAIN RECRUITERS

Tata Consultancy Services, Infosys, Wipro, and Accenture, as well as product-based companies such as Amazon India, Google, Zomato, and Swiggy. Additionally, specialized recruitment agencies like G&S Consulting and Net Creative Mind focus

MODE OF STUDY

Offline, Online

Daily and Weekends

ELIGIBILITY

BTech, BCA or MCA

COURSE LINK: <https://www.techford.in>

techfordkerala@gmail.com



+91- 9947273095



LOGISTICS AND SUPPLY CHAIN MANAGEMENT WITH SAP

 9947273095

 techford_information

Techford information
2nd floor, Portico downtown
Seaport Airport Road, Chitethukara

LOGISTICS AND SUPPLY CHAIN MANAGEMENT WITH SAP

Becoming a logistics expert is not an overnight process—it requires a combination of theoretical knowledge, practical experience, and a commitment to lifelong learning. At its core, logistics is the backbone of supply chain management, ensuring that goods, services, and information move efficiently from origin to destination. To excel in this field, individuals must first develop a strong foundational understanding of key concepts such as inventory control, transportation, warehousing, and procurement. At Techford, we see Beyond academic knowledge, real-world experience is essential, as it provides exposure to the complexities and fast-paced nature of logistics operations.

PG diploma in logistics and supply chain management (12 Months)

Diploma in logistics and supply chain management (6 Months)



Enhanced Education

Curated syllabus designed to adapt to a dynamic industry.



Hands-on Experience

Real-world experience guided by top industry leaders.



Nurturing Environment

Empowering you to innovate, lead and inspire.

Course Curriculum

- Logistics management
- Fundamentals of Logistics
- Logistics Functions
- Integrated Logistics
- Supply Chain Management
- International Logistics
- Transportation Management
- Warehousing & Storage
- Procurement cycle
- Sales and distribution
- Shipping and air cargo documentation
- Logistics Information Systems
- Internship program
- SAP material management
- SAP sales and distribution
- SAP warehouse management
- SAP transportation management
- Power BI
- Microsoft Excel



Internship

Our student has secured internship
at top logistics companies

Trainer Details

10+ year Experts in streamlining operational efficiency, enhancing workforce skills, and ensuring compliance with logistics best practices and safety standards. Strong communicator and mentor with a passion for knowledge transfer and continuous improvement. Logistics & Supply Chain Management, Warehouse & Inventory Operations, Transportation & Fleet Management, ERP/SAP/WMS Systems Training

LIST OUT MAIN RECRUITERS

Almi Shipping and Logistics, Varuna Logistics, Kerala Roadways (KRS), Beta Exim Logistics, Allcargo Logistics, DB Schenker, Agility Logistics, SICAL Logistics, Atlas Logistics, Mint Logistics, Blue Dart Express, Shiprocket Fulfillment.

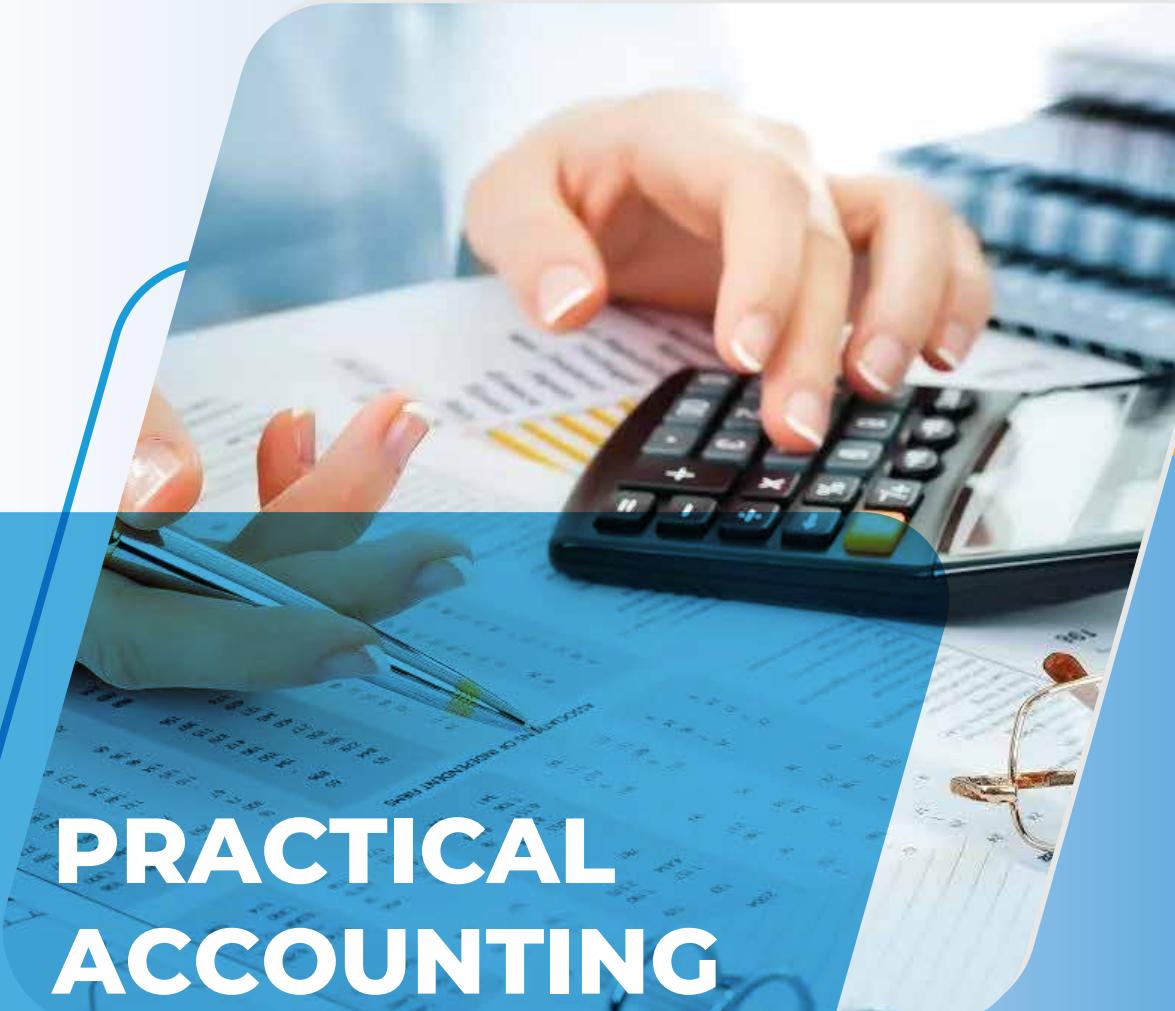
*Scholarship available based on merit

COURSE LINK: <https://www.techford.in>

techfordkerala@gmail.com



+91- 9947273095



PRACTICAL ACCOUNTING WITH SAP

 9947273095

 [techford_information](https://www.instagram.com/techford_information/)

Techford information
2nd floor, Portico downtown
Seaport Airport Road, Chitethukara



sage

Authorized
Partner



PRACTICAL ACCOUNTING WITH SAP

ഈ അക്കൈണ്ടിന്റെ ഇൻഡസ്ട്രിയൽ ട്രൗപാർട്ട് തൊഴിലവസരങ്ങൾ റിപ്പോർട്ട് ചെയ്തിരിക്കുന്നു. ഇന്ത്യയിൽ മാത്രം ഇതിനോടകും 10 ലക്ഷത്തിൽപരം പുതിയ തൊഴിലവസരങ്ങൾ ഈ മേഖലയുടെ വ്യവസായപരമായ കുതിപ്പിനെ തുറന്നു കാട്ടുന്നു. പകോഡ ഈ മേഖലയിൽ ആവശ്യമായിക്കൊണ്ടിരിക്കുന്ന **Professional Experience** സോഫ്റ്റ്‌വെയർ പഠനത്തിലൂടെ മാത്രം ലഭ്യമാകുന്ന ഒന്നല്ല. ഈ ആവശ്യം മുൻനിർത്തിയാണ് **Accounts Training** എന്നും പ്രായിപത്വം ഉറപ്പിച്ചിട്ടുള്ള **Techford Information** ഈ കോഴ്സിലേക്ക് അധ്യമിഷൻ എടുക്കുന്നത്. മികച്ച കോഴ്സുകളിലൂടെ അരരീളിക്കേ മേഖലയിൽ കഴിവുറ്റ പ്രോഫഷണലുകളെ വാർത്തകുകുന്ന ഇന്ത്യയിലെ പ്രമുഖ സ്ഥാപനമാണ് അരരീളിമേരേ ലൈസ്സറല ടീരശലയേ. തൊഴിലധിഷ്ഠിത കോഴ്സിന് അനുരൂപമായ രീതിയിൽ പ്രാക്ടിക്കൽ ട്രെയ്നിംഗ് നൽകുകയാണ് ഈ പരിശീലനം കൊണ്ട് ഉദ്ദേശിക്കുന്നത്.

+2 അല്ലെങ്കിൽ ഡിഗ്രി ഉള്ളവർക്ക് സപ്പന്തുല്യമായ അവസരങ്ങളാണ് **Corporate/Accounts/SAP** മേഖലയുമായി ബന്ധപ്പെട്ടിട്ടുള്ളത്. ഇന്ത്യയിലും വിദേശരാജ്യങ്ങളിലും ഉയർന്ന ജോലി സാധ്യതയുള്ള **Corporate Accountants / SAP Accountants / Professional Accountants** തസ്തികയിലേക്ക് ജോലി ചെയ്യുവാൻ നിങ്ങൾക്ക് വിദഗ്ധം ട്രെയ്നിംഗിനുശേഷം പ്ലേയിൽമെന്റ് അസിസ്റ്റന്റ്സും നൽകുന്നു.

PG diploma in practical accounting Diploma in practical accounting

Financial accounting	SAP SD. s4hana
Practical accounting	Tally certification
Corporate accounting	QuickBooks
GST	Advanced Excel
GST filing	Power BI
TDS filing	Zoho books
SAP fico s4hana	Internship program
SAP mm s4hana	Internship certificate



GST (GOODS AND SERVICE TAX) GOODS SERVICE TAX TRAINING INCLUDES

1. Basics about GST
2. Overview of GST act
3. Levies and Exemption of tax
4. GST registration
5. Meaning, scope and time of Supply
6. Valuation of GST
7. Payment of GST
8. Electronic filing
9. Input tax credit
10. Input service distributors
11. Matching of input tax credit
12. Place of supply of Goods and services



UAE, VAT

Value added tax (VAT) was introduced in UAE on 1st Jan 2018 by Ministry of finance UAE. The ministry of UAE is world class in managing balanced development. The rate of VAT is 5%. VAT will provide the UAE with a new source of income which will continue to be utilized. Experts say that VAT will be implemented to other gulf regions (middle east countries) soon. A candidate who is willing to go abroad must needs this training.





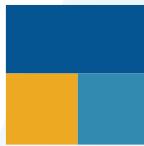
SAP FICO

SAP FICO is the Finance and cost controlling Module in SAP ERP where FI stands for Financial accounting and co stands for controlling. SAP FICO module is very robust and Covers allmost all Business process all encountered in various industries. It is one of the very important and vitally implemented module in SAP



SAP MM

SAP MM is known as SAP materials management system. SAP MM is one of the module of SAP that deals with materials management and invented management. It deals with the procurement process master date (materials and vendor master). Account determination and valuation of materials.



TallyPrime

Tally original certificate

Tally ERP is complete business Management software that enables that you to manage all aspects of business such as accounting inventory taxation Payroll and much more. We are the tally academy partner that Provides industry recognized course content, online exam, and quality placement assistance.

Zoho Books

Zoho Books is a comprehensive cloud-based accounting software designed for small and medium-sized businesses. It helps manage finances, automate business workflows, and ensure tax compliance, especially with features tailored for Indian GST. The platform offers tools for invoicing, expense tracking, inventory management, banking, and reporting, all in one place. Users can create professional invoices, record expenses, reconcile bank transactions, and generate real-time financial reports such as profit & loss statements, balance sheets, and cash flow summaries.



Zoho Books also supports GST-compliant billing and return filing, making it easier for Indian businesses to stay tax-ready. It allows multi-user access with role-based permissions, enabling teams to collaborate securely. The system integrates smoothly with other Zoho applications (like Zoho CRM and Zoho Inventory) and third-party tools such as Razorpay, PayPal, and G Suite.



Advanced Excel certification

Learn and practice relevant function and formulaes, Pivot table, H-look up, V-look up, Macros etc. Practice with case studies and real data from Various industries. Discover and more efficient way to analyze and visualise data using MS-Excel. Hands on learning through live project and activity Based stimulations.

COURSE LINK: <https://www.techford.in>

techfordkerala@gmail.com



+91- 9947273095



SAP

SAP

CERTIFICATION

PROGRAM

SAP GLOBAL CERTIFICATION PROGRAM

SAP FI

SAP FI (Financial Accounting) is a core module within SAP ERP that manages an organization's financial transactions and reporting. It focuses on external financial reporting and ensures compliance with both local and international accounting standards. SAP FI is closely integrated with other SAP modules like Controlling (CO), Sales and Distribution (SD), and Materials Management (MM). SAP FI handles general ledger accounting, accounts payable, accounts receivable, asset accounting, and bank accounting.

SAP MM

SAP MM, which stands for SAP Materials Management, is a core module within the SAP ERP (Enterprise Resource Planning) system. It focuses on managing the procurement processes and logistics of materials within an organization. SAP MM helps businesses streamline their supply chain, inventory, and warehouse management, ensuring materials are available when and where they are needed.

SAP SD

SAP SD, or Sales and Distribution, is a key module within SAP's ERP system that manages sales and customer distribution processes. It handles everything from sales order processing, pricing, and shipping to billing and credit management, working closely with other SAP modules like Materials Management (MM), Financial Accounting (FI), and Controlling (CO). SAP SD enables businesses to optimize sales processes, improve customer service, and gain better control over the sales cycle.



SAP GLOBAL CERTIFICATION PROGRAM

SAP WM

SAP WM, or Warehouse Management, is a module within SAP's Enterprise Resource Planning (ERP) system that focuses on managing and optimizing warehouse operations. It helps businesses plan, execute, and track the movement of materials within a warehouse, from receiving goods to shipping them out.

SAP TM

SAP Transportation Management (SAP TM) is a comprehensive software solution designed to optimize and streamline transportation and logistics processes within a supply chain. It helps businesses manage freight, fleet, and logistics to improve efficiency, reduce costs, and enhance overall supply chain visibility and agility. SAP TM is a standalone application from SAP AG that caters to the transportation and logistics requirements of various industries.

SAP HCM

SAP HCM, also known as SAP Human Capital Management or SAP HR, is a module within SAP ERP that manages human resources processes. It encompasses various aspects of HR, including personnel administration, payroll, time management, and talent management. SAP HCM aims to streamline HR processes, improve efficiency, and enhance the overall employee experience. It's a comprehensive solution for managing the entire employee lifecycle, from recruitment to retirement.

SAP ABAP

ABAP (Advanced Business Application Programming) is a high-level programming language developed by SAP, primarily used for developing and customizing applications within the SAP ecosystem. It's a cornerstone of SAP's application development environment, enabling businesses to tailor their SAP systems to meet specific needs. .

COURSE LINK: <https://www.techford.in>

techfordkerala@gmail.com



+91- 9947273095



9947273095

    techford_information

Techford information
2nd floor, Portico downtown
Seaport Airport Road, Chitethukara