



Analysis



CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

DEPARTMENT OF ECONOMICS CERTIFICATE COURSE DETAILS

NAME OF THE COURSE

Business Analyst Certification Program (BACP)

COURSE CODE

CPCC01

COURSE DETAILS

Duration: 6 months Total hours: 40 Fees: 5000/-

COURSE COORDINATOR

Jean Maria George

PARTNERSHIP WITH

Elm Institute of Business Studies, Bangalore www.elmibs.org

ABOUT COLLEGE

Christ College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently College is home for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

WHAT IS THE COURSE?

Business Analysis is the set of tasks, knowledge, and techniques required to identify business needs and determine solutions to enterprise business problems. Although, the general definition is similar, the practices and procedures may vary in various industries.

Business Analyst: A business analyst is someone who analyzes an organization or business domain (real or hypothetical) and documents its business, processes, or systems, assessing the business model or its integration with technology. However, organizational titles vary such as analyst, business analyst, business systems analyst or maybe systems analyst.

SCOPE OF THE COURSE

Business analysis helps teams create a roadmap for moving from the current state to the desired state.

Business analysis helps stakeholders achieve a shared understanding of the organization's needs. This, in turn, helps the team make data driven solutions, ultimately, puts the organization in a position to-:

- Move forward with the best set of recommendations
- To move an organization toward efficiency, productivity, and profitability.
- To define, analyze and document requirements evolve from a business need.
- To uncover unknown risks and requirements

LEARNING OUTCOMES

Students are trained to

- Identify organisational requirements and assess solutions
- Get identified as an elite member of BA community
- Possess thorough understanding of the 6 knowledge areas of BABOK Ver3
- Students will be able to clear CBAP

COURSE OUTLINE

The course gives 35+ lectures, learning materials, projects and mock interviews required for IIBA CBAP examination and BA career

- Understand what business does and how it does
- Determine how to improve existing business processes
- Identify the steps or tasks to support the implementation of new features
- Design the new features to implement
- Analyze the impact of implementing new features
- Implement the new features
- Building an effective business case

COURSE MODULES

Module 1- Business Analyst Role

Module 2- SDLC (Systems (Software) Development Life Cycle)

Module 3- Business Strategy Management

Module 4- Analytical Techniques

Module 5- UML (Unified Modeling Language)

Module 6- Business Analysis - Tools and Techniques

Module 7- JAD (Joint Application Development) Session

Module 8 – Requirement Gathering Techniques

Module 9 – BA use cases

Module 10 – Requirement Management

Module 11 – Planning good requirement RTM

Module 12 – Documents, BRD, URS, SRS, DS

Module 13- Business Analysis competencies (personal skills)

Excel skills – pivot table

PROJECTS

Contact : jeanmariageorge@gmail.com

What is the course?

This Course is designed to those students who are interested in Translation. Familiarising the relevance and importance of the translation in various aspects of globalized world.

Scope of the course

To equip the students for translation in our socio-cultural and professional areas. Familiarising the technology of translation with its possibilities. Enhance the knowledge of technical terminology different fields like Administration, Media, Bank, Business, Science etc...

Learning Outcomes

- 1 Translation directly and indirectly influence our culture and outlook.
- 2 Be familiar with theoretical and technical process of translation.
- 3 Understand the skills required to become a professional translator.

Course outline

The course aims to teach translation from English to Hindi and vice-versa.

Course Modules

- Module 1 - Definition and theory of Translation
- Module 2 – Importance, relevance and process of Translation
- Module 3 – Translation practice.





BLOCKCHAIN AND CRYPTO TRADING

Name of the Course : *Blockchain and Crypto Trading*

Course offered by : *Economics*

Course Coordinator : *Dr. Franco T. Francis*

Course Code : *CPCC40*

Learning Outcomes :

- *Develop Blockchain skills & understanding.*
- *Gain an in-depth understanding of Blockchain & its implementation*
- *Implement skills in any Blockchain applications*
- *Build Blockchain enterprise with acquired knowledge*

Course Module :

- *Module I: Bitcoin, NFT, and Metaverse*
- *Module II: Financial Markets, Trading Instruments, and Investment Strategies*
- *Module III: Technical Analysis and technical analysis Indicators*



SYLLABUS

MODULE I

History of Bitcoin- Digital cash before Bitcoin-Bitcoin mining work-Bitcoin on peer-to-peer markets- bitcoin wallet-scalability-Lightning Network, forks: Soft forks-Hard forks- Bitcoin node-Ethereum and DAO - Ethereum Classic- mining work- Ethereum tokens- peer-to-peer markets-Ethereum wallet-Hot wallets and Cold wallets- Ethereum staking-Decentralized Finance (DeFi), Decentralized Exchanges (DEXs) on Ethereum-Ethereum node-Ethereum ProgPo, NFT-ERC Standards-Walkthrough Opensea- Metamask account set-up-Creating & Minting an NFT, History of Web and evolution-Metaverse -Product of Extended Reality-Augmented Reality (AR)-Virtual Reality (VR)- Mixed Reality (MR)-Artificial Intelligence (AI)-Financial and Economics of Metaverse-Benefits of Metaverse-NFTs in MV-Cryptocurrency in MV-Cybernetics-Gaming, Meetings, Virtual Learning, Social Interactions, Virtual Real-estate, e-commerce and Digital Identity in Metaverse (10 Hours)

MODULE II

Fundamental analysis vs. technical analysis of Trading- Financial Markets and Trading Instruments -Spot market-Margin trading-Derivatives market-Forward and futures contracts-Perpetual futures and Options contracts-Foreign exchange (Forex) market-Leveraged tokens
Trading and Investment Strategies, Portfolio and Risk management, Day, Swing, and Position trading, Scalping Smart money concepts (SMC)-Dow Theory-Elliott Wave Theory-Wyckoff Method, Index investing and Paper trading (10 Hours)

MODULE III

Technical Analysis-Long position-Order book depth-Market order-Slippage in trading-Bid-ask spread-Candlestick chart and Trend line- Support and resistance-Technical Analysis Indicators-Leading vs. lagging indicators-Momentum indicator-Trading volume-Relative Strength Index (RSI)-Moving Average (MA)-Moving Average Convergence Divergence (MACD)Fibonacci Retracement tool-Stochastic RSI (StochRSI)-Bollinger Bands (BB) Volume-Weighted Average Price (VWAP)Parabolic SAR-Ichimoku Cloud. (10 Hours)

REFERENCE

1. "Mastering Bitcoin: Unlocking Digital Cryptocurrencies" by Andreas M. Antonopoulos
2. "The Internet of Money" by Andreas M. Antonopoulos
3. "Blockchain Basics: A Non-Technical Introduction in 25 Steps" by Daniel Drescher
4. "Digital Gold: Bitcoin and the Inside Story of the Misfits and Millionaires Trying to Reinvent Money" by Nathaniel Popper
5. "Cryptoassets: The Innovative Investor's Guide to Bitcoin and Beyond" by Chris Burniske and Jack Tatar
6. "The Age of Cryptocurrency: How Bitcoin and Digital Money are Challenging the Global Economic Order" by Paul Vigna and Michael J. Casey
7. "Trading Cryptocurrencies: A Beginner's Guide" by Clem Chambers



CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

COURSE CODE **NAME OF THE COURSE**

CPC39

BUSINESS ANALYST & LOGISTICS AND SUPPLY CHAIN MANAGEMENT

OFFERED BY

Economics (Self-financing)

ABOUT COLLEGE

Christ College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently College is home for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

COURSE COORDINATOR

Bose P R

LEARNING OUTCOMES

- Develop Collecting and analyzing supply chain data.
- The program enables the students to grasp the core concepts of Business Analytics
- Build an in-depth knowledge on warehouse operations, supply chain works modeling and other mandatory logistics operations.

COURSE MODULE

Module I: Business analyst

Module II: logistics and supply chain management

SYLLABUS

MODULE I

Foundations of operations management – organizational behaviour- total quality management – management theory and practice logistics management- corporate social responsibility information system for managers – business economics

MODULE II

Introduction to supply chain management and supply chain strategy- demand forecasting – supply chain planning- inventory and warehouse management –make –buy decisions, outsourcing / off shoring – dynamic pricing in a supply chain –logistics and transportation management-supply chain analytics and sustainable supply chain –technological innovation within supply chain management- capstone project.

REFERENCE

1. " Lean supply chain and logistics management " by Paul myerson
2. " Supply chain management: a logistic approach" by John j. Goyle
3. "Essentials of supply chain management (essential series)" by Michael hugos
4. "Operations and supply chain management: the core" by Jacobs, f. Robert





CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

COURSE CODE	NAME OF THE COURSE
CPCC38	INTRODUCTION TO CONTENT WRITING
OFFERED BY	
PG DEPARTMENT OF ENGLISH	ABOUT COLLEGE
COURSE COORDINATOR	<p>Chirst College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently Collge is house for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.</p>
Ms. PRIYA V B Commerce SF	LEARNING OUTCOMES
	<ul style="list-style-type: none">■ 1 Familiar with the basic concepts of Content Writing■ 2 Introduced to the different types of contents, their writing styles and editing patterns■ 3 Able to polish their creative skills■ 4 Prepared to get placed at various posts connected with the prescribed field■ 5 Equipped with skills to craft their imagination and writing skills in tune with the demands of the digital world and global competency.

COURSE MODULE

Module I: Introduction to Content writing

Module II: Social Media

Module III: The process of content writing

Module IV: Visual & Interactive Content

SYLLABUS

Module I: Introduction to Content writing (6 Hours)

The Concept of Content Writing, Role and Functions of Content Writers, Writing for the traditional media and the web, Scope of content writing, Types of Contents – Creative Writing & Technical Writing.

Module II: Social Media (6 Hours)

The concept of social media, Types of social media platforms & writing tips for social media contents, Understanding PR in the offline and online spaces, Defining plagiarism, and rules on plagiarism, Preparing plagiarism-free copies.

Module III: The process of content writing (11 Hours)

The basic processes of Content Writing – getting the brief, forming the idea, conducting

the research, structuring, and formatting, Editing and Proof-reading, Writing Styles – Non-fictional contents, Advertising, Newspapers, preparing blogs, case studies, white papers – Writing for blogs, press releases, websites, and mini-publications (brochures, flyers etc.)

Importance of language (formal and informal language), jargon, writing style, target

audience, and customer requirements.

Module IV: Visual & Interactive Content (7 Hours)

Info-graphics- Importance and relevance, Captions for photographs, Vlogs and other videos, Product Demonstrations, Public Speeches, Anchoring, Interactive Content, Quizzes, Feedback Forms, Registration Forms Internet Bots





CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

DEPARTMENT OF GEOLOGY AND ENVIRONMENTAL SCIENCE CERTIFICATE COURSE DETAILS

NAME OF THE COURSE

Certificate course in Disaster Management

COURSE CODE

CPCC23

OFFERED BY

DEPARTMENT OF GEOLOGY AND ENVIRONMENTAL SCIENCE

COURSE COORDINATOR

SUBIN K JOSE

COURSE DETAILS

Online certificate course in Disaster management.

Duration: Two months (30 hours)

Fee: 300/- (Three hundred only)

Only hundred seats available (first come first basis)

Eligibility: Plus two in any stream (Any one having genuine interest can also join).

ABOUT COLLEGE

Christ College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently College is home for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

WHAT IS THE COURSE?

Online certificate course in Disaster management.

It is equivalent to audit course syllabus of University of Calicut (Semester 2-Equivalent to the audit course).



SCOPE OF THE COURSE

Recent years we have gone through many tough times because of natural disasters including flood, landslide and drought. Many of the disasters though appear to be natural, we can see the hidden anthropological activities behind. Society should have a good awareness about the disasters and how to respond to them. To study this course, we can act and response to cop with the disaster

LEARNING OUTCOMES (MINIMUM 3)

Provide holistic approach to disasters.

Provide information regarding management of disasters.

Helpful for the sustainable development programmes

COURSE OUTLINE

Deal with different natural and anthropogenic disasters and its mitigation measures. Disaster Preparedness and Response Concept and Nature Disaster Preparedness Plan. Role of Information, Education, Communication, and Training in disaster management.

COURSE MODULES

Module 1:

Introduction – Hazard and Disaster. Concepts of Hazard, Vulnerability, Risks. Different Types of Disaster : A) Natural Disaster: such as Flood, Cyclone, Earthquakes, Landslides etc B) Manmade Disaster: such as Fire, Industrial Pollution, Nuclear Disaster, Biological Disasters, Accidents (Air, Sea, Rail & Road), Structural failures(Building and Bridge), War & Terrorism etc. Slow Disasters (famine, draught, epidemics) and Rapid Onset Disasters(Air Crash, tidal waves, Tsunami) Causes, effects and practical examples for all disasters.

Water and Climate Disaster: flood, hail storms, cloudburst, cyclones, heat and snow avalanches, cold waves, droughts, sea erosion, thunder and lightning. Geological Disaster: landslides, earthquakes, Tsunami, mine fires, dam failures and general fires. Biological Disaster: epidemics, pest attacks, cattle epidemic and food poisoning. Nuclear and Industrial Disaster: chemical and industrial disasters , nuclear accidents. Accidental Disaster: urban and forest fires, oil spill, mine flooding incidents, collapse of huge building structures.

Module 2:

Natural disasters- Earthquakes, Tsunami, Floods, Drought, Landslides, Cyclones and Volcanic eruptions. Their case studies. Coastal disasters. Coastal regulation Zone.

Risk and Vulnerability Analysis 1. Risk : Its concept and analysis 2. Risk Reduction 3.

Vulnerability : Its concept and analysis 4. Strategic Development for Vulnerability Reduction . Disaster Prevention and Mitigation. Refugee operations during disasters, Human Resettlement and Rehabilitation issues during and after disasters, Inter-sectoral coordination during disasters, Models in Disasters.

Module 3:

Disaster Preparedness and Response Concept and Nature Disaster Preparedness Plan Prediction, Early Warnings and Safety Measures of Disaster. Role of Information, Education, Communication, and Training,

Introduction Disaster Response Plan Communication, Participation, and Activation of Emergency Preparedness Plan Search, Rescue, Evacuation and Logistic Management Role of Government, International and NGO Bodies Psychological Response and Management (Trauma, Stress, Rumor and Panic) Relief and Recovery Medical Health Response to Different Disasters.

Module 4:

Rehabilitation, Reconstruction and Recovery Reconstruction and Rehabilitation as a Means of Development. Damage Assessment Post Disaster effects and Remedial Measures. Creation of Long-term Job Opportunities and Livelihood Options, Disaster Resistant House Construction Sanitation and Hygiene Education and Awareness, Dealing with Victims' Psychology, Longterm Counter Disaster Planning Role of Educational Institute.

Module 5:

The vulnerability atlas of India. Disaster Prevention and Mitigation. Agencies involved in Disaster Management. Warning and Prediction

Contact : josesubin@gmail.com



CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

COURSE CODE

NAME OF THE COURSE

CPCC37

CRYPTOCURRENCY

OFFERED BY

ABOUT COLLEGE

COMMERCE

COURSE COORDINATOR

Prof. Tom Jacob

Christ College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently College is home for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

LEARNING OUTCOMES

CO1: To understand Blockchain and its main application cryptocurrency.

CO2: To learn how this system works and how can they utilize and what application.

CO3: To be familiar with blockchain and cryptocurrency concepts.

COURSE MODULE

Module 1

Basics: Distributed Database, Two General Problem, Byzantine General problem and Fault Tolerance, Hadoop Distributed File System, Distributed Hash Table, ASIC resistance, Turing Complete, Cryptography: Hash function, Digital Signature - ECDSA, Memory Hard Algorithm, Zero. (10 hours).

Module 2

Knowledge Proof. Blockchain: Introduction, Advantage over conventional distributed database, Blockchain Network, Mining Mechanism, Distributed Consensus, Merkle Patricia Tree, Gas Limit, Transactions and Fee, Anonymity, Reward, Chain Policy, Life of Blockchain application, Soft & Hard Fork, Private and Public blockchain. (10 hours).

Module 3

Distributed Consensus: Nakamoto consensus, Proof of Work, Proof of Stake, Proof of Burn, Difficulty Level, Sybil Attack, Energy utilization and alternate. Cryptocurrency: History, Distributed Ledger, Bitcoin protocols - Mining strategy and rewards, Ethereum - Construction, (5 hours).

Module 4

Cryptocurrency Regulation: Stakeholders, Roots of Bitcoin, Legal Aspects - Cryptocurrency Exchange, Black Market and Global Economy. (5 hours).

REFERENCE BOOKS AND ARTICLES

Arvind Narayanan, Joseph Bonneau, Edward Felten, Andrew Miller and Steven Goldfeder, Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction, Princeton University Press (July 19, 2016).

- Wattenhofer, The Science of the Blockchain
- Antonopoulos, Mastering Bitcoin: Unlocking Digital Cryptocurrencies
- Satoshi Nakamoto, Bitcoin: A Peer-to-Peer Electronic Cash System
- DR. Gavin Wood, "ETHEREUM: A Secure Decentralized Transaction Ledger," Yellow paper. 2014.
- Nicola Atzei, Massimo Bartoletti, and Tiziana Cimoli, A survey of attacks on Ethereum smart contracts



Strategist | Gain the competitive edge
Data Analytics | Consulting | Training



CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

NAME OF THE COURSE

Microsoft Office Specialist
(Excel 2019)

COURSE CODE

CPCC07

OFFERED BY

Department of
Computer Science,
Christ College Irinjalakuda

COURSE COORDINATOR

Dincy R Arikkat

PARTNERSHIP WITH

Strategist, Kochi



DEPARTMENT OF COMPUTER SCIENCE CERTIFICATE COURSE DETAILS

COURSE DETAILS

- Eligibility: Plus Two
- Duration: 2 Months
- Total Hours: 40
- Course fee: 4000/-
- Certificate from Microsoft.

ABOUT COLLEGE

Christ College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state-of-the-art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently College is home for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech-savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

WHAT IS THE COURSE?

Course code CPCC07 Microsoft Office Specialist is the globally recognized certification program. The Microsoft Office Specialist: Excel Associate Certification demonstrates competency in the fundamentals of creating and managing worksheets and workbooks, creating cells and ranges, creating tables, applying formulas and functions and creating charts and objects. The exam covers the ability to create and edit a workbook with multiple sheets, and use a graphic element to represent data visually.

SCOPE OF THE COURSE

- Data Analyst
- Big Data Miner
- Office Manager
- Administrative Assistant
- MIS(Management Information System) Executive
- Market research analysts, digital marketers

LEARNING OUTCOMES

- Ability to create and edit a workbook with multiple sheets.
- Ability to manage data cells and ranges.
- Perform operations by using functions and formulas.
- Ability to manage tables and charts.
- Candidates are expected to demonstrate the correct application of the principal features of Excel and complete tasks independently.

COURSE OUTLINE

The **Microsoft Office Specialist (Excel 2019) Certification Course** provides industry-leading assessments of skills and knowledge through project-based testing, real-world exercises to appraise their understanding of Microsoft Office Excel. Workbook examples include professional-looking budgets, financial statements, team performance charts, sales invoices, and data-entry logs. This course provides hands-on exercises, in-depth course material, and supplemental video demonstrations.

COURSE MODULES

- Module 1: Manage worksheets and workbooks
- Module 2: Manage data cells and ranges
- Module 3: Manage tables and table data
- Module 4: Perform operations by using formulas and functions
- Module 5: Manage charts

Contact: dincyr@christcollegeijk.edu.in





COURSE CODE

NAME OF THE COURSE

CPCC36

FINANCIAL PLANNING

OFFERED BY

ABOUT COLLEGE

COMMERCE

Chirst College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently Collge is house for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

COURSE COORDINATOR

LEARNING OUTCOMES

Prof. Tom Jacob

CO1: To Know basic concepts in financial planning.

CO2: To understand the various products, participants and the functions of the capital market.

CO3: To understand the government securities market and variable income securities.

COURSE MODULE

Module 1

The process financial planning, Client interactions, Time value of money applications, Personal financial statements, Cash flow and debt management, planning to finance education, Economic Significance of Index Movements, Index Construction Issues, Desirable Attributes of an Index, Applications of Index. (10 hours).

Module 2

Calculation of return on investment and expected return- Types of risk- Calculation of Standard deviation- calculation of beta under correlation and regression methods – alpha, beta, passive beta, overall beta (10 hours).

Module 3

Risk management and insurance decision in personal financial planning, Various Insurance Policies and Strategies for General Insurance, Life Insurance, Motor Insurance, Medical Insurance, Security valuation -Valuation of Equity- Dividend Yield Method- Dividend Yield plus growth method (5 hours).

Module 4

Fundamental Analysis of Equity or Security Analysis- – EIC analysis – Tools for company analysis- Technical Analysis- stock charts(line, bar, candle stick and point and figure charts)- Support and Resistance levels- Trends and Trend Reversals – Patterns –continuation patterns(Triangles, Rectangles, Flags and Pennants) -reversal patterns. Portfolio management (10 hours).

Module 5

Income-tax computation for Individuals, Companies, Trusts and other bodies. Statutory provisions pertaining to Capital Gains and indexation, House Property, Deduction and Allowances, Non Resident Indian tax laws, and Tax Management Techniques (5 hours).

RECOMMENDED BOOKS

1. Singhanar V.K: Students' Guide to Income Tax; Taxmann, Delhi.
2. Prasaci, Bhagwati: Income Tax Law & Practice: Wiley Publication, New Delhi,
3. Girish Ahuja and Ravi Gupta: Systematic approach to income tax: Sahitya Bhawan Publications, New Delhi.
4. Ranganathan and Madhumathi: Investment Analysis and Portfolio Management:Pearson, New Delhi
5. George Rejda: Principles of Risk Management and Insurance: Pearson, New Delhi



CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

COURSE CODE

NAME OF THE COURSE

CPCC35

FUNDAMENTALS OF CAPITAL MARKET

OFFERED BY

ABOUT COLLEGE

COMMERCE

COURSE COORDINATOR

Prof. Tom Jacob

Christ College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently College is home for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

LEARNING OUTCOMES

CO1: To get a basic understanding of the products, players and functioning of financial markets, particularly the capital market.

CO2: To know about the roles of different players viz., custodians, asset management companies, sponsor etc. in the mutual fund industry.

CO3: To have a comprehensive and broad based knowledge about the securities markets and to get acquainted with various securities markets products, rules and regulations.

COURSE MODULE

Module I

Markets and Financial Instruments Types of Markets: Equity Debt, Derivatives Commodities; Meaning and features of private, public companies; Types of investment avenues. (10 hours).

Module 2

Concept and structure of mutual funds in India; Role of custodian; Registrar and transfer agent AMC; New fund offer's & procedure for investing in NFO; Investors rights and obligations. Concept of open ended and close ended fund; Types of funds - equity, index, diversified large cap funds, midcap fund, sec or fund and other equity schemes; Concept of entry and exit load Expense ratio; Portfolio turnover; AUM; Analysis of cash level in portfolio. (10 hours).

Module 3

Definition and origin of derivatives; Definitions of forwards; futures; options; Moneyless of an option; Participants in the derivatives market and uses of derivatives. Derivatives trading and settlement on NSE; using daily newspapers to track futures and options; Accounting and taxation of derivatives.(5 Hours)

Module 4

Primary issuance process; Participants in Government bond markets; Constituent SGL accounts; Concept of Primary dealers, Satellite dealers; Secondary markets for Government bonds; Settlement of trades in G-Secs; Clearing corporation; Negotiated Dealing System; Liquidity Adjustment Facility (LAF).(5 Hours)

REFERENCES

- S. Kevin: Security Analysis and Portfolio Management.
- Sourain. Harry; Investment Management, Prentice Hall of India.
- Francis and Archer: Portfolio Management, Prentice Hall of India.
- Gupta L.C.: Stock Exchange Trading in India, Society for Capital Market Research and Development, Delhi.
- MachiRaju, H.R.: Working of Stock Exchanges in India, Wiley Eastern Ltd, New Delhi.





CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

COURSE CODE	NAME OF THE COURSE
CPCC42	GST FILING
OFFERED BY	ABOUT COLLEGE
COMMERCE	<p>Chirst College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently Collge is house for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.</p>
COURSE COORDINATOR	LEARNING OUTCOMES
Sreelakshmi K	<ul style="list-style-type: none"> •GAIN KNOWLEDGE ABOUT HOW TO USE GST IN TALLY. •OPERATE TALLY SOFTWARE. •THEORETICAL KNOWLEDGE ABOUT GST. •GST SET-OFF RULES. •GST RETURNS THEORY. •ONLINE GST RETURNS FILING. •OFFLINE GST RETURNS FILING. •ANNUAL RETURNS IN GST. •TDS & TCS RETURNS IN GST. •HELPS THE STUDENTS TO DEVELOP SKILLS OF DIFFERENT TAXATION, FINANCE, AND ACCOUNTING PROFESSIONALS.

COURSE MODULE

Module I: GST Filing

Module II: Concept of supply and Input Tax and Output Tax

SYLLABUS

MODULE I

INTRODUCTION TO GST, POINT OF TAXATION IN GST GST VOUCHERS,ACTIVATING GST FOR YOUR COMPANY,SETTING UP GST RATES,CREATING GST CLASSIFICATION, RECORDING GST PAYMENT VOUCHER CREATING STOCK ITEMS AND STOCK GROUPS FOR GST COMPLIANCE, CREATING A SERVICE LEDGER FOR GST COMPLIANCE CREATING SALES AND PURCHASE LEDGERS FOR GST COMPLIANCE,UPDATING PARTY GSTIN,TAX RATE SETUP, BASIC TERMS IN GST & LEVY & COLLECTION OF GST

(16 hours)

MODULE II

CONCEPT OF SUPPLY & INPUT TAX & OUTPUT TAX, GST RATE & REVERSE CHARGE MECHANISM

COMPOSITION SCHEME,GST COMPUTATION & PAYMENT & REGISTRATION, ACCOUNTS & RECORDS & TAX INVOICE

CALCULATION & APPLICATION OF SGST,CGST & IGST IN TALLY. ACTIVATING GST FOR YOUR COMPANY & SETTING UP GST RATES

CREATING GST LEDGERS ,REPORTING GSTR -1,GSTR-3B, Return Filing: GSTR-1 & GSTR-1A

(14 Hours)

MODULE III

Return Filing: GSTR-2 & GSTR-2A, Return Filing: GSTR-3

Return Filing: GSTR-4 , Return Filing: GSTR-9 (Annual Return)

(10 Hours)





CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

NAME OF THE COURSE

HORTICULTURE

VALUE ADDED CERTIFICATE COURSE ON HORTICULTURE 2021 - 2022

COURSE STRUCTURE

COURSE CODE

35 Hours [25 Hours Theory (Online) + 10 Hours Practicals (Lab)]

CPCC 27

COURSE FEE

Rs. 300/-

OFFERED BY

Department of Botany
(Aided)

ABOUT COLLEGE

Christ College was started in the year 1956 by the Devamatha province of the Carmelites of Mary Immaculate (CMI), an Indigenous Religious Congregation, founded in 1831, by St. Cyriac Elias Chavara, a saintly priest and versatile genius, who envisioned education as a tool for liberation and development. Christ College has been affiliated to Calicut University and re accredited by NAAC with the highest grade 'A'. Christ College is dedicated to Christ and has the Motto '' Jeevith Prabha'' which means ''Light of Life''. Christ College is part of a century old tradition of CMI education that is at its heart, Christian and specifically Catholic. It offers an ideal vision of education that is aware of and responsive to the challenges of the nation's present situation.

COURSE COORDINATOR

Dr. TESSY PAUL P.
Associate Professor & HOD
Contact : 9446233104

ELIGIBILITY

Plus Two Pass

DEPARTMENT OF BOTANY

In June 1956, when the Botany department began it catered to the needs of students who took the Pre-University II group. In June 1957, when the degree course in Zoology was started with Botany was a subsidiary paper (Complementary Course) and it continued to initiate students into the wonderful world of flora. By June 1979 there were three batches of pre-degree (II Group). In 2000 the Pre Degree delinked from the College. With the advent of the Interdisciplinary M.Sc. Environmental Science course in January 2000, the department also shouldered the responsibility for its conduct up to 2016.

COURSE OBJECTIVES

- This course is designed to those students who are interested in horticulture.
- The course includes basics of gardening and plant propagation techniques.
- Student gains in-depth knowledge in plant propagation techniques and nursery activities.
- Intends to encourage students to take up agricultural activities and to equip them with self-employment in agricultural enterprises for income generation.

COURSE OUTCOME

- The students will know the basics of gardening and plant propagation techniques.
- Gains in-depth knowledge in plant propagation techniques and nursery activities.
- Students will be able to take up agricultural activities
- Will be equipped with self-employment in agricultural enterprises for income generation.

Module I: Fundamentals of Horticulture (5 hrs)

Module II: Plant Propagation Methods (10 hrs)

Module III: Gardening Methods (10 hrs)

Module IV: Practicals (10 Hrs)





CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

DEPARTMENT OF COMPUTER SCIENCE CERTIFICATE COURSE DETAILS

NAME OF THE COURSE	COURSE CODE	OFFERED BY	COURSE COORDINATOR
COMPUTER FUNDAMENTALS AND ICT SKILL TRAINING	CPFOU02	DEPARTMENT OF COMPUTER SCIENCE, CHRIST COLLEGE(AUTONOMOUS), IRINJALAKUDA	VIJI VISWANATHAN

COURSE DETAILS

ELIGIBILITY: PLUS TWO

TOTAL HOURS:30 HOURS

DURATION: 2 MONTHS

ABOUT COLLEGE

Christ College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently College is home for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

WHAT IS THE COURSE?

The main objective of this course is to give the basic knowledge of the computer software and hardware, about different services provided by GOOGLE, Microsoft Word, Power Point, Excel, and about online payment mode.



SCOPE OF THE COURSE

1. Aware of Computer Hardware and Software
2. Familiarize Google Services
3. Familiarize Microsoft
4. Acquaint more than one online payment method
5. Introduce open educational resources

LEARNING OUTCOMES

1. Able to make a Presentation.
2. Able to create their own CV
3. Can use Excel in an efficient way
4. Can expertise in Google Services like Gmail, Google Doc, Google Form and Google Classroom
5. Can enrol in and get certified in global universities

COURSE OUTLINE

1. Introduction to Computer Hardware and Software
2. Microsoft Word, Excel, Power Point
3. Google Services
4. Online Payment Modes
5. Introduce open educational resources, OER Contents, MIT Open Course Ware, Coursera, EdX, Christ Open Course Ware, IITs & IISC (NPTEL)

COURSE MODULES

MODULE 1

Fundamentals – Hardware-familiarizing the motherboard, ports, keyboard, mouse, Software - introduction to important software and its uses. How to switch on and shut down a system, how to connect a projector.

MODULE 2

Msoffice – Word, Power Point, Excel, Assignment- cv making, marksheet, presentation

MODULE 3

Google search, advanced search, Gmail, google drive, google doc, google sheet, google slide, google form, google quiz, google classroom, conversion, compression, google meet. Assignment- Link google form and google sheet, conduct online survey and analysis

MODULE 4

Online payment, one-time registration in PSC.

MODULE 5

Introduction to Open Educational Resources, OER contents, How to enroll and get certified from leading global universities, MIT OpenCourseWare, Coursera, EdX, Christ OpenCourseWare, IITs & IISC (NPTEL)

Contact : vijirajeshpv@gmail.com



CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA

MULTILINGUAL TYPING COURSE (HINDI, MALAYALAM AND ENGLISH)

Department of Malayalam, Hindi & IQAC

Dear Students,

Golden opportunity to learn fast typing of English, Hindi and Malayalam languages using keyboard. The twenty-hour theory and practical course will be conducted from 18th to 29th March 2022. Time 3:00 pm to 4:30 pm on Monday to Friday and 9.30 am to 12.30 pm on Saturday. We invite you all to join this course. Interested students should fill and submit the Google form on or before 17th March 2022, 5:00 pm.

Programme Coordinators
Prof. Sheeba Varghese
Fr. Teji K Thomas

Principal
Dr. Fr. Jolly Andrews

IQAC Co-Coordinator
Dr. Shinto K G

FEE: Rs. 250/- only
Duration: 18/03/2022 to 29/03/2022
Certificates will be provided



CHRIST
 COLLEGE (AUTONOMOUS)
 IRINJALAKUDA, KERALA
 Reaccredited by NAAC with 'A' grade

COURSE CODE

NAME OF THE COURSE

CPCC41

TALLY TRAINING

OFFERED BY

ABOUT COLLEGE

COMMERCE

Chirst College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently Collge is house for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

COURSE COORDINATOR

Prof. Muvish K.M

LEARNING OUTCOMES

- Provided different aspects of group Dynamics
- Helped the students to realize the importance of tally and its use
- The class helped the students to understand the functioning of Tally Prime and the method of using it for accounting purpose.

COURSE MODULE

Module I: Fundamentals of Accounting & Maintaining Chart of Accounts in Tally.

Module II: Maintaining stock keeping units, Recording day-to-day transactions in Tally & Accounts receivable and payable management

Module III: MIS reports, Getting Started with GST & Recording Vouchers with TDS

SYLLABUS

MODULE I

Introduction- Accounting Terms- Accounting Assumptions- Double entry system of accounting- types of accounts- The Golden rules of accounting – source documents- recording of business transactions- ledger-trial Balance- Subsidiary Books& Control of accounts- Financial Statements- Company Creation- Company features and configuration- chart of accounts- ledger creation- Group Creation- Displaying group and ledgers – Deletion of group and ledgers.

MODULE II

Inventory masters in Tally ERP 9- creating inventory masters- reports- business transactions- accounting vouchers- accounts payable and receivables – maintaining bill wise details- activation of maintain bill wise details feature- new reference- against reference- advance- on account- stock category report- changing the financial year in Tally ERP 9

MODULE III

Advantages of MIS- mis reports in Tally ERP 9 -enabling GST and defining Tax details- transferring input tax credits to GST- Intrastate input tax credit to GST- interstate supply- return of goods- supplies inclusive of tax- Defining tax rates at master and transaction levels- GST reports- input tax credit set off- GST tax payment- exporting GSTR-1 return and uploading in GST portal – Accounting supply of services- accounting of exempted services – basic concepts of TDS – TDS in Tally ERP 9- activation of TDS feature in Tally ERP 9 – TDS Statutory Masters- configuring TDS at group level- configuring TDS at ledger level- booking of expenses in purchase voucher- TDS Report.

