



**APJ ABDUL KALAM TECHNOLOGICAL
UNIVERSITY**

(A State Government University)

B. Tech, 2024

Minor Degree in

Financial Management

Additional Offer

Offered By: (Mechanical Engineering)

CURRICULUM

Minor(Title)											
Sl.No:	Semester	Course Code	Course Title (Course Name)	Credit Structure			SS	Total Marks		Credits	Hrs./ Week
				L	T	P		CIA	ESE		
1	3	MNMET319	Corporate Management* /MOOC [#]	3	1	0	5	40	60	4	4
2	4	MNMET419	Financial Management* /MOOC [#]	3	1	0	5	40	60	4	4
3	5	MNMET519	Fundamentals of Stock Markets and Trading /MOOC	3	1	0	5	40	60	4	4
4	6	MNMET619	Alternative Global Investment Techniques /MOOC	3	0	0	4.5	40	60	3	3
Total							19.5			15	15

**Students must register for theory courses listed in the 3rd and 4th semesters of the Minor curriculum. [#]Students who fail a theory course listed in the Minor curriculum are permitted to register for an alternate MOOC course specified in the Minor curriculum.*

*&The courses offered in the third and fourth semesters can be structured as either theory-based courses **or** a combination of theory and lab-based courses.*

SYLLABUS

SEMESTER 3

SEMESTER 3

Corporate Management

Course Code	MNMET319	CIE Marks	40
Teaching Hours/Week (L:T:P)	3:1:0	ESE Marks	60
Credits	4	Exam Hours	2Hrs. 30 Min.
Prerequisites (if any)	NIL	Course Type	Theory

Course Objectives:

1. Understand the Concepts in Corporate Management.
2. To familiarise the Personnel Management functions
3. To identify the Economic Parameters affecting Corporate Management
4. Acquire the knowledge about Corporate Legal laws in India

SYLLABUS

Module No.	Syllabus Description	Contact Hours
1	INTRODUCTION- Corporate Management-Features & Significance of Corporate Management. Managerial roles- Skills of a manager-Functions of Management. Importance of Decision Making. Corporate Management Strategy. Management Levels. Social Responsibility. Leadership -Types. Motivation - Team dynamics	11
2	PERSONNEL MANAGEMENT: Human Resource Management-Functions- Forecasting -Planning. Recruitment-Sources- Types. Barriers in recruitment. Common recruitment methods .Selection process- Training- Needs -Structure of training-performance appraisal-Incentives-Benefits. Evaluation methods.	11
3	MANAGERIAL ECONOMICS- Macro Economics & Micro Economics- Monetary system- Economic Growth. GDP- Inflation - CPI-WPI. Economic Growth and Public policy . Firm – Types of firms -Value Maximization-Theory of the firm-Profit Measurement-Economic profit Theories.	11
4	CORPORATE ENVIRONMENT & LEGISLATION : Legal Environment of Business- Characteristics-Types- Domestic- Social-Economic-Technological- Political. Indian Legal frame work- Companies act -Partnership act-Consumer protection act-copyright act-Environment protection act- Trade mark act- Laws relating to contract-Information technology act- Corporate social responsibility (CSR).	11

Course Assessment Method
(CIE: 40 marks, ESE: 60 marks)

Continuous Internal Evaluation Marks (CIE):

Attendance	Assignment/ Microproject	Internal Examination-1 (Written)	Internal Examination- 2 (Written)	Total
5	15	10	10	40

End Semester Examination Marks (ESE)

In Part A, all questions need to be answered and in Part B, each student can choose any one full question out of two questions

Part A	Part B	Total
<ul style="list-style-type: none"> 2 Questions from each module. Total of 8 Questions, each carrying 3 marks <p style="text-align: center;">(8x3 =24marks)</p>	<ul style="list-style-type: none"> Each question carries 9 marks. Two questions will be given from each module, out of which 1 question should be answered. Each question can have a maximum of 3 sub divisions. <p style="text-align: center;">(4x9 = 36 marks)</p>	60

Course Outcomes (COs)

At the end of the course students should be able to:

Course Outcome		Bloom's Knowledge Level (KL)
CO1	To familiarise with basic concepts in Corporate Management	K1
CO2	Understand the Personnel Management functions	K1
CO3	Identify the Economic parameters	K2
CO4	Understand the Indian legal laws in corporate	K1

Note: K1- Remember, K2- Understand, K3- Apply, K4- Analyse, K5- Evaluate, K6- Create

CO-PO Mapping Table:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1	-	-	-	-	1	-	-	-	-	1
CO2	2	-	-	-	-	-	-	-	-	-	1	1
CO3	1	-	-	-	-	1	1	-	-	-	-	1
CO4	1	1	-	-	-	-	-	-	-	-	1	1

Text Books				
Sl. No	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
1	Corporate Management & Strategy. Designing World Class Corporate Strategies	Keith Ward, Andrew Kakabadse, Cliff Bowman	Elsevier	2019
2	Fundamentals of Managerial Economics	Julian Gough, Stephen Hill	Mcmillan Education	2007
3	Human Resource Management and Digitalization	Franca cantoni, Gianlugi Mangia	Routledge publication	2020
4	Foundations of Legal Environment of Business	Marianne M Jennings	South-Western College publishers	2008

Reference Books				
Sl. No	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
1	Business Organization & Management	Prof C A Abha Mathur	Taxmann	2024
2	Human Resource Management	Jacquina Gilbert	Vibrant publishers	1st Edition 2019

Video Links (NPTEL, SWAYAM...)	
Module No.	Link ID
1	https://archive.nptel.ac.in/courses/110/105/110105156/
2	https://archive.nptel.ac.in/courses/110/105/110105069/
3	https://archive.nptel.ac.in/courses/110/101/110101149/
4	https://onlinecourses.nptel.ac.in/noc20_lw02/preview

MODEL QUESTION PAPER				
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY				
THIRD SEMESTER B. TECH MINOR DEGREE EXAMINATION, MONTH AND YEAR				
Course Code: MNMET319				
Course Name: Corporate Management				
Max. Marks: 60			Duration: 2 Hours 30 Minutes	
PART A				
		Answer all questions. Each question carries 3 marks	CO	Marks
1		Explain the term Securities in Finance	1	(3)
2		Discuss the term Present value Interest factor	1	(3)
3		Differentiate asset and liability	2	(3)
4		What is acid test ratio?	2	(3)
5		Which are the external factors affecting working capital	3	(3)
6		Explain Benefit cost ratio	3	(3)
7		Differentiate cost of capital and discount rate	4	(3)
8		Two year Project with Initial investment of Rs.50000/- having return Inflow of Rs.3100, 3000 in two years respectively at 10% cost of capital. Calculate NPV	4	(3)
PART B				
Answer any one full question from each module. Each question carries 9 marks				
Module 1				
9	a)	Explain Rule 69 and Rule 72 of doubling period	1	(4)
	b)	A person with Rs.15 lakh as his housing loan amount with 9% fixed interest rate per annum for a period of 20 years. Calculate the EMI amount.	1	(5)
10	a)	Explain the difference of scheduled and Non scheduled banks.	1	(5)
	b)	Which are the financial Intermediaries in the market?	1	(4)
Module 2				
11		Explain Detail the steps in Recruitment Process	2	(9)
12		Enumerate the steps in Training Programme	2	(9)
Module 3				
13	a)	Detail the effect of Inflation of over GDP	3	(5)
	b)	How WPI differs from CPI	3	(4)
14	a)	Explain Tradition theory of firm	3	(5)

	b)	Explain Dynamic theory of Profit	3	(4)
Module 4				
15	a)	Discuss the salient features of Companies act 2013	4	(9)
16	a)	Explain the right of consumers as per consumer protection act 2019	4	(6)
	b)	Explain Madrid System	4	(3)

SEMESTER 4

SEMESTER 4

Financial Management

Course Code	MNMET419	CIE Marks	40
Teaching Hours/Week (L:T:P)	3:1:0	ESE Marks	60
Credits	4	Exam Hours	2Hrs. 30 Min.
Prerequisites (if any)	NIL	Course Type	Theory

Course Objectives:

1. Understand the Concepts in Financial Management.
2. Familiarise the Financial statements
3. Understand the ways of capital Management
4. Acquire the knowledge about Capital Budgeting

SYLLABUS

Module No.	Syllabus Description	Contact Hours
1	INTRODUCTION- Managing Finance- Objectives-Indian Financial System- functions- Working. Structure of Money market-Banking structure-Capital Market structure- Reserve Banks & Scheduled banks. New Industrial Policy of 1991. Economic policies of 1991, 2014, 2020. Financial Markets- Investment -Financial Intermediaries. Time Value of Money-Investment and maturity period- Annuity- Present value- Future Value- EMI -EMI calculation.	11
2	FINANCIAL STATEMENT ANALYSIS :- Meaning and Types of Financial Statements; Nature of Financial statements. Limitations of Financial Statements; Analysis and Interpretation of Financial Statements. Steps Involved in the Financial Statements' Analysis. Techniques of Financial Analysis; Ratio Analysis. Profitability Ratios; Turnover Ratios; Financial Ratios; Advantages of Ratio Analysis; Limitations of Accounting Ratios	11
3	CAPITAL MANAGEMENT: - Working capital-Permanent and variable working capital -Operating and cash conversion cycle. Balanced working capital position- Issues in Working capital Management. Management of cash -Different cash models- Capital structure -Theories. Net Income approach- Net operating income approach.	11

4	CAPITAL BUDGETING: Capital Budgeting process- Investment criteria- Conventional and DCF Method. Net Present Value (NPV) – Internal Rate of Return (IRR) -Computation of NPV , IRR. Benefit cost ratio. Equivalent Maintenance cost -Payback period calculations.	11
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Course Assessment Method
(CIE: 40 marks, ESE: 60 marks)

Continuous Internal Evaluation Marks (CIE):

Attendance	Assignment/ Microproject	Internal Examination-1 (Written)	Internal Examination- 2 (Written)	Total
5	15	10	10	40

End Semester Examination Marks (ESE)

In Part A, all questions need to be answered and in Part B, each student can choose any one full question out of two questions

Part A	Part B	Total
<ul style="list-style-type: none"> • 2 Questions from each module. • Total of 8 Questions, each carrying 3 marks <p style="text-align: center;">(8x3 =24marks)</p>	<ul style="list-style-type: none"> • Each question carries 9 marks. • Two questions will be given from each module, out of which 1 question should be answered. • Each question can have a maximum of 3 sub divisions. <p style="text-align: center;">(4x9 = 36 marks)</p>	60

Course Outcomes (COs)

At the end of the course students should be able to:

Course Outcome		Bloom's Knowledge Level (KL)
CO1	Understand the Concepts in Financial Management.	K1
CO2	Familiarise the Financial statements	K1
CO3	Identify the ways of capital Management	K2
CO4	Explain various capital budgeting methods	K1

Note: K1- Remember, K2- Understand, K3- Apply, K4- Analyse, K5- Evaluate, K6- Create

CO-PO Mapping Table:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1	-	-	-	-	1	-	-	-	-	1
CO2	1	-	-	-	-	-	-	-	-	-	1	1
CO3	2	-	-	-	-	1	1	-	-	-	1	1
CO4	1	1	-	-	-	-	-	-	-	-	2	1

Text Books				
Sl. No	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
1	Financial Management	Prasanna Chandra	Mc Graw Hill	10th Edition(2019)
2	Financial Accounting	R Narayanaswamy	PHI Learning	4th Edition (2017)
3	Financial Management	I M Pandey	Vikas publishing house	11 th Edition (2016)

Reference Books				
Sl. No	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
1	Understanding the Mathematics of Personal Finance	Lawrence N Dworsky	Wiley Publication	(2009)
2	Fundamentals of Financial Management	Eugene F Brigham, Joel F Houston	Cengage Publication	15 th Edition(2019)

Video Links (NPTEL, SWAYAM...)	
Module No.	Link ID
1-4	https://archive.nptel.ac.in/courses/110/107/110107144/

MODEL QUESTION PAPER				
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY				
FORTH SEMESTER B. TECH MINOR DEGREE EXAMINATION, MONTH AND YEAR				
Course Code: MNMET419				
Course Name: Financial Management				
Max. Marks: 60			Duration: 2 hours 30 minutes	
		PART A		
		Answer all questions. Each question carries 3 marks	CO	Marks
1		Explain the term Securities in Finance	1	(3)
2		Discuss the term Present value Interest factor	1	(3)
3		Differentiate asset and liability	2	(3)
4		What is acid test ratio?	2	(3)
5		Which are the external factors affecting working capital	3	(3)
6		Explain Benefit cost ratio	3	(3)
7		Differentiate cost of capital and discount rate	4	(3)
8		Two year Project with Initial investment of Rs.50000/- having return Inflow of Rs.3100, 3000 in two years respectively at 10% cost of capital. Calculate NPV.	4	(3)
PART B				
Answer any one full question from each module. Each question carries 9 marks				
Module 1				
9	a)	Explain Rule 69 and Rule 72 of doubling period	1	(4)
	b)	A person with Rs.15 lakh as his housing loan amount with 9% fixed interest rate per annum for a period of 20 years. Calculate the EMI amount.	1	(5)

10	a)	Explain the difference of scheduled and Non scheduled banks.	1	(5)
	b)	Which are the financial Intermediaries in the market	1	(4)
Module 2				
11	a)	Differentiate Current & Non current liabilities	2	(4)
	b)	Explain about Common size statements	2	(5)
12		Explain Financial ratio. Discuss any four Banking ratios	2	(9)
Module 3				
13		Discuss any three types of Cash Models	3	(9)
14		An Investment of Rs.2500 in a project having cash inflows 5000,9000,10000 and 30000 for the five years time. Calculate (1) Non discounted payback period(2)Profitability Index	3	(9)
Module 4				
15		Find the equivalent annual cost of a pump set bought for Rs.20000/- with 2 year lifetime having operating cost of 2500/ year .It is advised to replace the pump set with a 3 year guaranteed pump set of Rs.2500/- with a three year as maintenance amount .Which pump set is preferred ?	4	(9)
16	a)	Explain the decision rule of NPV	4	(3)
	b)	Discuss the term IRR with explanation	4	(6)

SEMESTER 5

SEMESTER 5

Fundamentals of Stock Markets and Trading

Course Code	MNMET519	CIE Marks	40
Teaching Hours/Week (L:T:P)	3:1:0	ESE Marks	60
Credits	4	Exam Hours	2Hrs. 30 Min.
Prerequisites (if any)	NIL	Course Type	Theory

Course Objectives:

1. Understand the Fundamentals of stock marketing
2. Familiarise with the trading psychology
3. Interpret the ideas in technical Analysis
4. Identify the fundamental Analysis methods

SYLLABUS

Module No.	Syllabus Description	Contact Hours
1	FUNDAMENTALS OF STOCK MARKETS: Stock Markets- History of Modern stock market. Financial Instruments-Types- Financial Intermediaries- Indian stock market – Exchanges NSE-BSE .Indian Indices. Growth of Indian Indices in last decades. Stock Market and Indian Economy. SEBI-Functions.	11
2	STOCK TRADING (PRACTICAL TUTORIAL -MODULE) : Brokers- Common platforms-How to start a Demat Account-Initial public offerings- Stock Selection- Order Book-Buy -Sell- Perspectives. Type of trading strategies- Scalping- Momentum trading- Day trading-Momentum Trading-Swing- Positional trading. Portfolio- Portfolio diversification. Risk in trading -Target & Stoploss.	11
3	FUNDAMENTAL AND TECHNICAL ANALYSIS: Fundamental Analysis- Annual statement Analysis -Qualitative and Quantitative approach Porters five forces Bottom & top approach . Financial ratios-Leverage - liquidity-profitability-solvency- banking ratios. Valuation of stocks- Intrinsic value of stocks. Technical Analysis -DOW & RWT theories. Charts -Candle sticks- Support-Resistance- Common Trend patterns- Bearish & Bullish Candle- Patterns. Gap theories. Break out and Break down. Technical Indicators- VWAP, MACD, STOCHASTIC, RSI etc.	11

4	PSYCHOLOGY IN TRADING: Discipline of a Trader -Money Management. Risk in Trading- Types of Risks- Risk- Reward ratio. Risk management-. Hedging in Trading. Emotions of trader-Methods to overcome the emotions-Biases of trader. Traits of Successful trader. Case Studies- Warrant Buffet, Rakesh Jhunjhunwala. History of Frauds in Indian Share market.	11
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Course Assessment Method
(CIE: 40 marks, ESE: 60 marks)

Continuous Internal Evaluation Marks (CIE):

Attendance	Assignment/ Microproject	Internal Examination-1 (Written)	Internal Examination- 2 (Written)	Total
5	15	10	10	40

End Semester Examination Marks (ESE)

In Part A, all questions need to be answered and in Part B, each student can choose any one full question out of two questions

Part A	Part B	Total
<ul style="list-style-type: none"> 2 Questions from each module. Total of 8 Questions, each carrying 3 marks <p style="text-align: center;">(8x3 =24marks)</p>	<ul style="list-style-type: none"> Each question carries 9 marks. Two questions will be given from each module, out of which 1 question should be answered. Each question can have a maximum of 3 sub divisions. <p style="text-align: center;">(4x9 = 36 marks)</p>	60

Course Outcomes (COs)

At the end of the course students should be able to:

Course Outcome		Bloom's Knowledge Level (KL)
CO1	To Understand the basics of stock markets.	K1
CO2	Apply the Stock Market Knowledge	K3
CO3	Analysis of Various Technical & Fundamental aspects of trading	K2
CO4	Understand the Trading Psychology	K1

Note: K1- Remember, K2- Understand, K3- Apply, K4- Analyse, K5- Evaluate, K6- Create

CO-PO Mapping Table:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	-	-	-	-	-	-	-	1	-	-	1
CO2	2	2	-	-	-	-	-	-	-	1	2	3
CO3	2	2	-	-	-	1	-	-	-	-	-	1
CO4	1	-	-	-	--	2	-	-	-	-	-	2

Text Books				
Sl. No	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
1	Beginners Guide to Stock Market	Matthew R Kratter	Trader University	(2023)
2	Fundamental Analysis for Investors	Raghu Palat	Vision Books	4th Edition (2016)
3	Technical Analysis for Dummies	Barbara Rockefeller	Wiley Publication	(2019)

Reference Books				
Sl. No	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
1	Modern Equity Investing Strategies,	Anatoly B Schmidt	World Scientific	2021
2	Technical Analysis of Financial Markets	John J Murphy	New York Institute of Finance	2020

Video Links (NPTEL, SWAYAM...)	
Module No.	Link ID
1	https://archive.nptel.ac.in/courses/110/105/110105121/
2	https://archive.nptel.ac.in/courses/110/105/110105121/
3	https://archive.nptel.ac.in/courses/110/105/110105121/
4	https://archive.nptel.ac.in/courses/110/105/110105121/

MODEL QUESTION PAPER				
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY				
FIFTH SEMESTER B. TECH MINOR DEGREE EXAMINATION, MONTH AND YEAR				
Course Code: MNMET519				
Course Name: Fundamentals of Stock Markets and Trading				
Max. Marks: 60			Duration: 2 hours 30 minutes	
	PART A			
		Answer all questions. Each question carries 3 marks	CO	Marks
1		Which are the different trading instruments?	1	(3)
2		Explain the functions of SEBI.	1	(3)
3		What is an order book ?	2	(3)
4		How Day trading and Long term trading differs?	2	(3)
5		Explain three pillars of Fundamental analysis.	3	(3)
6		What is Leverage offered by brokers.	3	(3)
7		Discuss the need of Hedging in Trading.	4	(3)
8		Explain noise trading risk.	4	(3)
PART B				
Answer any one full question from each module. Each question carries 9 marks				
Module 1				
9	a)	Which are the Indian stock exchanges?	1	(4)
	b)	Discuss different Financial Intermediaries.	1	(5)
10	a)	Differentiate NSCCL & ICCL.	1	(4)

	b)	Differentiate Macro economics & Microeconomics.	1	(5)
Module 2				
11		Explain (a) Swing Trading (b) Scalping (c) Momentum Trading.	2	(9)
12	a)	Explain the Importance of stop loss & Target in trading.	2	(5)
	b)	What are the needs of Portfolio diversification	2	(4)
Module 3				
13	a)	Discuss Bottom up & Top down approach.	3	(5)
	b)	Explain porter's five force analysis.	3	(4)
14		Explain DOW theory. Differentiate it with Random Walk Theory.	3	(9)
Module 4				
15		What is Risk associated with a trader? Classify traders based on Risk.	4	(9)
16		Explain the traits of Successful trader.	4	(9)

SEMESTER 6

SEMESTER 6

Alternative Global Investment Technique

Course Code	MNMET619	CIE Marks	40
Teaching Hours/Week (L:T:P)	3:0:0	ESE Marks	60
Credits	3	Exam Hours	2Hrs. 30 Min.
Prerequisites (if any)	NIL	Course Type	Theory

Course Objectives:

1. Understand the Concepts in Global financial System.
2. Familiarise the Options trading.
3. Understand Mutual Fund Investment.
4. Acquire the knowledge about Forex Trading, Commodity & Crypto trading

SYLLABUS

Module No.	Syllabus Description	Contact Hours
1	INTRODUCTION- Global Investment-Global Real Estate- Bonds-Equities .International Markets-Global Indices-International Source of Finance-Foreign Investment-FII s .Types of FII s-Sovereign Wealth Fund-Foreign Government Agencies-Multilateral Organisations-Foreign Banks. FII s Vs DII s. Regulation on Investing in India. Global Investment Strategies-Active and Passive Strategies.	9
2	OPTIONS TRADING: -Fundamentals of Options trading- Option trading terminologies- Option contract- strike price- premium-underlying price -settlement-Expiry. Call option (CE) -Put Option (PE). Option Buying and Selling. Moneyness of Option- Intrinsic Value. Option Greeks-Gamma ,Theta, delta and Vega. Option Trading strategies.	9
3	MUTUAL FUNDS -Mutual funds- Concept- Mutual fund theorem- Modern Portfolio Theory-No risk free asset- one risk free asset/Types of Mutual Funds- Stock Funds- Bond funds-Index fund- Money market fund- Balance fund-Mutual fund fees-Mutual fund Classes. Investment Methods-Advantages and Disadvantages .Comparison of Mutual fund against Index fund & ETF .Risk in Mutual Funds.	9

4	COMMODITY, FOREX& CRYPTO TRADING: - COMMODITY TRADING - History of Commodity Markets- Commodities in Trading- Strategies of Commodity trading-Day trading- Volatility break out-Cross Hedging-Trend- Range Trading- Fundamental trading-Spread-Commodity Indices-Benefits of Trading in Commodity Indices. FOREX TRADING: -Forex Market-Types- Forex trading- Currencies in trading-Terminologies-Currency pair- Major and Minor- Pip - Forex Trading Strategies-Advantages & Disadvantages of Forex trading. CRYPTO TRADING: -Crypto currencies- Bitcoin- Ethereum- Crypto trading-Trading pairs- Crypto Wallet-Types of Crypto trading. Risk Management in Crypto trading	9
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Course Assessment Method
(CIE: 40 marks, ESE: 60 marks)

Continuous Internal Evaluation Marks (CIE):

Attendance	Assignment/ Microproject	Internal Examination-1 (Written)	Internal Examination- 2 (Written)	Total
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End Semester Examination Marks (ESE)

In Part A, all questions need to be answered and in Part B, each student can choose any one full question out of two questions

Part A	Part B	Total
<ul style="list-style-type: none"> • 2 Questions from each module. • Total of 8 Questions, each carrying 3 marks <p style="text-align: center;">(8x3 =24marks)</p>	<ul style="list-style-type: none"> • Each question carries 9 marks. • Two questions will be given from each module, out of which 1 question should be answered. • Each question can have a maximum of 3 sub divisions. <p style="text-align: center;">(4x9 = 36 marks)</p>	60

Course Outcomes (COs)

At the end of the course students should be able to:

Course Outcome		Bloom's Knowledge Level (KL)
CO1	To familiarise with Global Investment	K1
CO2	Apply the Options trading in Real world	K3
CO3	Apply the Mutual Fund Investment methods.	K3
CO4	Understand the modern Investment Techniques.	K1

Note: K1- Remember, K2- Understand, K3- Apply, K4- Analyse, K5- Evaluate, K6- Create

CO-PO Mapping Table:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1	-	-	-	-	1	-	-	-	-	1
CO2	2	-	-	-	-	1	-	-	-	-	2	2
CO3	2	1	-	-	-	1	1	-	-	-	1	2
CO4	1	1	-	-	-	-	-	-	-	-	1	1

Text Books				
Sl. No	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
1	Scenarios for Risk Management and Global Investment Strategies	Rachel E. S. Ziemba, William T. Ziemba	Wiley Publishers	2019
2	Options Futures and other Derivatives	John C Hull	Pearson Education	2013
3	Charting the Major Forex Pairs: Focus on Major Currencies	James Lauren Bickford, Michael D. Archer	Wiley Publishers	2008
4	The New Commodity Trading Guide: Breakthrough Strategies for Capturing Market Profits	George Kleinman	FT Press	2011

Reference Books				
Sl. No	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
1	Options as a strategic Investment	Lawrence G McMillan	Penguin USA	2012
2	Option Futures and Derivatives	John C Hull, Sankarshan Basu	Pearson	2022

Video Links (NPTEL, SWAYAM...)	
Module No.	Link ID
1-4	http://kcl.digimat.in/nptel/courses/video/109107119/L17.html

MODEL QUESTION PAPER				
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY				
SIXTH SEMESTER B. TECH MINOR DEGREE EXAMINATION, MONTH AND YEAR				
Course Code: MNMET619				
Course Name: Alternative Global Investment Techniques				
Max. Marks: 60			Duration: 2 hours 30 minutes	
		PART A		
		Answer all questions. Each question carries 3 marks	CO	Marks
1		Differentiate bonds and debentures.	1	(3)
2		How FIIs investment affects Indian Markets?	1	(3)
3		Explain the term auction premium.	2	(3)
4		Discuss the term open interest	2	(3)
5		‘Mutual funds are subjected to market risk’. Explain.	3	(3)
6		Explain mutual fund theorem.	3	(3)
7		Explain different trading commodities.	4	(3)
8		Differentiate major and minor currency pairs.	4	(3)
PART B				
Answer any one full question from each module. Each question carries 9 marks				

Module 1				
9	a)	Differentiate global active and passive investment strategy.	1	(5)
	b)	Explain any four global indices.	1	(4)
10	a)	Which are the different types of FIIs and DIIs?	1	(5)
	b)	Differentiate NSE and BSE.	1	(4)
Module 2				
11		What are option greeks? Explain major four types.	2	(9)
12	a)	Explain moneyness of option contract.	2	(5)
	b)	For a spot price of Rs.8200, the various strikes are (i) 7500 (ii) 8000 (iii) 8200 (iv) 8300. Find the moneyness values.	2	(4)
Module 3				
13	a)	Explain any three types of mutual funds with examples.	3	(9)
14	a)	Differentiate no risk free and one risk free asset.	3	(6)
	b)	Explain modern portfolio theory.	3	(3)
Module 4				
15	a)	Which are the global macro and micro parameters affecting forex trading?	4	(5)
	b)	Which are the benefits of trading in commodity indices?	4	(4)
16		Explain different strategies in commodity trading.	4	(9)
