Financial Management

Chart Book for Revision

1. SCOPE & OBJECTIVES OF FINANCIAL MANAGEMENT



c) Through capi Budgeting Technique

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10. Venture Capital Financing (VCF)

- a) Funding of new risky projects promoted by qualified entrepreneurs who lack fund & Experience
- b) Types of VCF
- i. Equity Financing: Eq Share given to VC firms but note more than 49%
- ii. Conditional Loan: Interest free, But royalty B/W 2 15% on sales Guaranteed
- iii. Income Note: Interest & Royalty on sales paid but at lower rate
- iv. Participation Debenture
 - Start up phase = No Interest
 - Up to Certain level of operation = Low Interest
 - → Beyond that level = High Interest

11. Debt Securitization

- a) It is a process through which liquid assets are Converted into Marketable Securities & sold to Investors
- b) Financier pools finance given to Borrower
- c) SPV act as a trustee for Investors
- d) The financier pool of assets is transferred to Special Purpose Vehicle (SPV)
- e) Investors are paid when Borrowers pays the Instalment
- f) It is Non Recourse Arrangement & Investors bears the default risk

12.Leas	↓ se Financi ↓	ng	13.0ther Types of Lease	↓ 14.Short Term C ↓	
Particulars Cancellable	OL Yes	FL No	 A. Sale & Lease Back: → Seller = L'E → Buver = L'R 	a) Trade Creditor b) Accrued	
Term	Short	Long	 B. Leverage Lease: 3 Parties Einancier L'D L'E 	Expenses c) Advance Fi	
Repairs Risk & Reward	Lessor Lessor	Lessee Lessee	 SParties Financier, ER, EE L'E pays Financier, L'R C. Sale Aid Lease: 3 Parties = Manufacturer, L'R & L'E L'R earn from Both Parties L'R gets Commission or Credit from Manufacturer 	ier,L'R d) Bank Advance : i. Short	
Obsolescence Risk Single Pay-out Lease	Lessor No	Lessee Yes		 3 Parties = Manufacturer, L'R & L'E L'R earn from Both Parties iii. 	loans ii. Overdraf iii. Cash crea
Option To Buy Asset	No	Yes		iv. Bill Discoun	
PV of LP Approximately = Fair Value of Asset	No	Yes	 → L'R get lease rent from L'E D. Open Ended & Close Ended: 		

L'E has Option to Asset goes Purchase the Asset back to L'R





		21.Comtemporary	Sources of Fundin	9	
		+		*	•
	Crowd Funding	Equity Funding	Peer to Peer	Start - Up	Donation Based
a)	Raising money for an	♦	Lending (P2P)	funding	Crowd funding
b)	Individual or organisation from a group of a people to fund a project typically via Internet Helps Start ups to Substantiate demand for their product	Investor invest in organisation and receive securities of the organisation in return	↓ In this types where lender matched with borrowers in order to provide Unsecured loans through Online	Through crowd funding a start up company can raise money from large group of people	Where large group of people donate money as a charity for some cause with no expectation of any ownership
c)	before enter into Production Parties Involved i. Fund Raiser		platform	It includes in the form of equity funding and P2P lending	or debt

- ii. Mediator
- iii. Fund Investor

3. Ratio Analysis

1.Liquid Ratios	3.Coverage Ratios	4.Efficiency Ratios
$Current Ratio = \frac{Current Assets (CA)}{Current Liabilities (CL)}$ $Quick Ratio = \frac{CA - Stock}{Current Liabilities (CL)}$	Interest coverage = $\frac{EBIT}{Interest}$ Ratio Preference Dividend coverage = $\frac{EAT}{Preference}$	$Total AssetTurnover Ratio = \frac{Sales}{Avg. Total Assets}$ $InventoryTurnover Ratio = \frac{COGS}{Avg. Inventory}$
2. Capital Structure Ratios	Ratio Dividend Equity Dividend coverage $= \frac{EAESH}{Equity}$	$\frac{\text{Debtor}}{\text{Turnover Ratio}} = \frac{Credit Sales}{Avg. Debtors}$ 12M or 265 DAVS
Debt to Equity Ratio = $\frac{Total Outside Liabilities}{Shareholders Equity}$	Ratio Dividend	$\frac{\text{Debtor}}{\text{Collection Period}} = \frac{12M \text{ of } 303 \text{ DA13}}{\text{Debtors Turnover Ratio}}$
$\frac{Proprietary \ Ratio}{Total \ Assets} = \frac{Proprietary \ Fund \ (PF)}{Total \ Assets}$		$\frac{\text{Creditor's}}{\text{Turnover Ratio}} = \frac{\text{Credit Purchases}}{\text{Avg. Creditors}}$
PF = Equity Share Preference Capital Share Capita	♣ Reserves & Surplus	$\frac{\text{Creditor}}{\text{Payment Period}} = \frac{12M \text{ or } 365 \text{ DAYS}}{\text{Creditors Turnover Ratio}}$



4. Cost Of Capital



- 1. Known as Approximation Method
- 2. If Difference B/w Redeemable Value & Net Proceeds is Higher then use IRR method

3. IRR \rightarrow

i. Select any 2 discount factors & Find out NPV

ii. IRR =
$$L + \frac{NPV_L}{NPV_L - NPVH} x (H - L)$$

iii. Net Proceeds \checkmark New Debts = Issue Proceeds - Floatation Cost
Existing = MPS - Floatation Cost

4. Cost Of Capital



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6. LEVERAGES



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13.CB under Capital Rationing	14.Projects with Unequal Life	15.Decisi	ion Rule for Project	Acceptance
a) Find out NPV	a) Equivalent	Technique	Individual Project	Multiple Project
for RS 1 of Capital Invested	Annualized criteria [EAC] b) EAC = <u>NPV</u>	PP	Lower than Expected Period	Lower PP
NPV Cash Outflow	EAC	ARR	Higher than Expected Return	Higher ARR
 b) Assign Ranks based on above & 	Inflow \leftarrow Cost	NPV	NPV > 0	Higher NPV
select the project with Higher rank	Project Project with with Higher Lower	PI	PI >1	Higher PI
	EAC EAC	IRR	IRR > Ko	Higher IRR



8. DIVIDEND DECISIONS



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CA = Current Assets CL = Current Liabilities













Current Asset		Ţ	
RM	XXX	\bullet	
WIP	XXX	Avg Stock of RM	
Material xxx		RM holding Period = $\frac{1}{\text{Avg cost of RM consumption per day}}$	
Labour ×××			
OH xxx	XXX	Avg Stock of WIP	
FG	XXX	$\frac{1}{10000000000000000000000000000000000$	
Drs	XXX		
Prepaid , Cash and bank XXX		Cost of WIP = Material + Labour + Factory OH	
Other CA	XXX		
Total (A)	XXX	FG holding Period = Avg Stock of FG	
Current Liabilities		Avg cost of goods produced per day	
Crs	XXX	Cost of FG = Material + Labour + FOH + AOH + S&D OF	
O/S labour/OH	XXX		
Other CL	XXX	Avg total Drs	
Total (B)	XXX	$\frac{1}{1}$ $\frac{1}$	
WC before Safety Margin (A-B) XXX			
Safety Margin	XXX	Crs Poyment Period = Avg Creditor Expenses	
WC after Safety Margin	XXX	Avg cost of Creditor payment per d	