## Financial Management

 Chart Book for Revision
## 1.SCOPE \& OBJECTIVES OF FINANCIAL MANAGEMENT



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| $\square$ |  |  |
| :---: | :---: | :---: |
| 8. Role of Finance | 9.Financial Distress (FD) | 11. Agency Agency |
| Executive / CFO | I | Problem (AP) \& Cost (AC) |
| B $\rightarrow$ Budgeting | Cash Inflow not |  |
| $I \rightarrow$ Overseeing | Sufficient to pay a) | Principal \& Agent relationships exists b/w Manager |
| IT Function | off Current | \& Providers of Funds |
| $M \rightarrow$ Manage | obligations b) | Mangers should keep interest of Provides of funds |
|  <br> Acquisitions | $\downarrow$ c) | \& Make financial decisions <br> If Interest of Manager $\neq$ Interest of providers of |
| $\mathrm{O} \rightarrow$ Outsourcing | 10. Insolvency | finance |
| decisions |  | Then it Creates AP |
| $\mathrm{R} \rightarrow$ Risk Mgmt. | Inability to pay d) | $A C$ is incurred by company to Control \& Monitor |
| $P \rightarrow$ Pricing | off debts due to | Manager behaviour and actions |
| Analysis <br> $H \rightarrow$ Oversee HR Functions | continuous FD | Negative Covenants (Borrowing Restrictions) |

## 2.TYPES OF FINANCE



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| $\nabla$ | $\square$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5. Debentures | 6. Bonds |  | 7.Indian Bonds |  |  |  |  |
| $\frac{\downarrow}{\square}$ |  |  |  |  |  |  |  |
| Documents | Types |  |  | $\checkmark$ |  |  |  |
| acknowledging the |  |  |  | A. Masala |  | B. Municipal | C. Govt |
| debt taken by the |  |  |  | Bonds |  | Bonds | Bonds |
| company | Callable । | Puttable I |  | $\stackrel{\downarrow}{\boldsymbol{\downarrow}}$ |  | $\downarrow$ | $\downarrow$ |
| $\downarrow$ | $\stackrel{\downarrow}{\square}$ |  | a) | Denoted in INR | a) | For | Issued by |
| Advantages: | right to redeem | right to sell | b) | Issued by |  | Infrastructure | Central Govt/ |
| a) Tax Benefit On | bonds before | bonds back to a |  | Indian |  | projects <br> Ahmedabad | State Govt / |
| b) Relatively | maturity at a | company at a |  | Companies | b) | Ahmedabad <br> Municipal | RBI / Govt Dept |
| b) Relatively Cheaper | predetermined price | predetermined | c) | Issued to |  | corporation | Dept. |
| Disadvantages: |  |  |  | Outside |  | raised 100 Cr |  |
| a) It is Not a |  |  |  | India |  | By issuing |  |
| permanent |  |  | d) | NTPC |  | Municipal |  |
| Capital |  |  |  | raised |  | bonds in Asia |  |
| b) Obligation to |  |  |  | 2000 Cr. |  |  |  |
| pay Interest at |  |  |  | By Masala |  |  |  |
| Regular |  |  |  | Bonds |  |  |  |
| Intervals |  |  |  |  |  |  |  |

2. TYPES OF FINANCE


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## 10. Venture Capital Financing (VCF) <br> 

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
$\rightarrow$ Start up phase $=$ No Interest
$\rightarrow$ Up to Certain level of operation = Low Interest
$\rightarrow$ 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

## 2.TYPES OF FINANCE

| 12.Lease Financing |  |  |
| :---: | :---: | :---: |
| Particulars | OL | FL |
| Cancellable | Yes | No |
| Term | Short | Long |
| Repairs | Lessor | Lessee |
| Risk \& Reward | Lessor | Lessee |
| Obsolescence Risk | Lessor | Lessee |
| Single Pay-out Lease | No | Yes |
| Option To Buy Asset | No | Yes |
| PV of LP <br> Approximately <br> Value of Asset | No | Yes |


A. Sale \& Lease Back:
$\rightarrow$ Seller = L'E
$\rightarrow$ Buyer = L'R
B. Leverage Lease:
$\rightarrow 3$ Parties Financier,L'R,L'E
$\rightarrow$ L'E pays Financier, L'R
C. Sale Aid Lease:
$\rightarrow 3$ Parties = Manufacturer, L'R \& L'E
$\rightarrow$ L'R earn from Both Parties
$\rightarrow$ L'R gets Commission or Credit from Manufacturer
$\rightarrow$ L'R get lease rent from L'E
D. Open Ended \& Close Ended: Purchase the Asset back to L'R
14.Short Term Creditors

a) Trade Creditors
b) Accrued Expenses
c) Advance From Customers
d) Bank Advance:
i. Short term loans
ii. Overdraft
iii. Cash credit
iv. Bill

Discounting

## 2. TYPES OF FINANCE

| $\downarrow$ | $\downarrow$ | $\square$ |
| :---: | :---: | :---: |
| 15. Export Finance From Banks | 16. Seed Capital Assistance | 17. Other Bonds |
| Pre Shipment Post Shipment | a) Scheme of IDBI | A. DEEP DISCOUNT / |
| Packing Credit (PC) a) | b) Interest free | ZERO COUPEN |
| $\begin{array}{ll} P C \text { is loan given by } & \text { a) Discounting } \\ \text { Bills } \end{array}$ | c) Service charge at $1 \%$ for first 5 years | $\rightarrow$ Issued at Discount |
| $\begin{array}{ll}\text { PC is lonk for } & \text { b) Advance }\end{array}$ | d) Moratorium period for | $\rightarrow$ Redeemed at Face Value |
| Purchasing, against export <br> Manufacturing bill sent for | first 5 years (No EMI required) | $\rightarrow$ No Interest is paid |
| ,processing, collection |  | B. INFLATION BONDS |
| packing goods to <br> c) Advance <br> be sold to overseas <br> against Duty |  | $\rightarrow$ Projects Investors |
| be sold buerseas drawback, |  | gainst inflation |
| buyer Subsidy |  | Interest rate is Adjusted with |
| Types of PC |  | Inflation rate |
| a) Clean PC = Only Personnel guarantee of borrower |  |  |
| b) PC against Hypothecation of goods (goods are pledged for Security) |  |  |
| c) ECGC guarantee |  |  |

## 2.TYPES OF FINANCE


a) Raising money for an Individual or organisation from a group of a people to fund a project typically via Internet
b) Helps Start ups to Substantiate demand for their product before enter into Production
c) Parties Involved
i. Fund Raiser
ii. Mediator
iii. Fund Investor


## 3. Ratio Analysis



Proprietary Ratio $=\frac{\text { Proprietary Fund (PF) }}{\text { Total Assets }}$

$$
\begin{gathered}
\text { PF } \left.=\underset{\text { Equity Share }}{\text { Capital }}+\underset{\text { Preference }}{\text { Share Capital }}+\begin{array}{c}
\text { Reserves \& } \\
\text { Surplus }
\end{array}\right)
\end{gathered}
$$

## 3. Ratio Analysis



## 4. Cost Of Capital



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## 5. Capital Structure Theories



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## 6. LEVERAGES



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## 7. INVESTMENT DECISIONS



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| 13.CB under Capital Rationing <br> a) Find out NPV for RS 1 of Capital Invested NPV |  | 15. Decision Rule for Project Acceptance |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Technique | Individual Project | Multiple Project |
|  |  | PP | Lower than Expected Period | Lower PP |
| $\frac{\text { NPV }}{\text { Cash Outflow }}$ |  | ARR | Higher than Expected Return | Higher ARR |
| b) Assign Ranks based on above \& |  | NPV | NPV > 0 | Higher NPV |
| select the project with Higher rank |  | PI | PI >1 | Higher PI |
|  |  | IRR | IRR > Ko | Higher IRR |

## 7. INVESTMENT DECISIONS


a) Find out Incremental inflow \& Incremental Outflow for Replacement of Old Asset with new assets Decisions:
i. Consider Incremental Salvage Value (SV) [ New Asset SV (-) Old Asset SV ]
ii. Tax on sale of old asset should be considered for Incremental outflow Calculations
b) If Earnings before Tax (EBT) is (loss)
i. Loss Cannot be Carried forward = Tax in the year of loss is zero
ii. Loss can be set off in next 2 or 3 years = Tax in the Year of loss is Zero. Tax in 2 or 3 years should be calculated After adjusting loss of Previous year
c) Depreciation on written down Value Basis
i. No depreciation in the Last year of project
ii. WDV of Last year (-) Salvage Value = Short term Capital Loss (STCL)
iii. First deduct STCL from earnings \& add back STCL at end to get Net cash flow (Same like depreciation)

## 8. DIVIDEND DECISIONS


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a) Once share get split into many shares
b) It is done to regulate price shares
c) It makes share affordable
d) It has certain Compliance \& Additional Cost


## 9. WORKING CAPITAL MANAGEMENT (WCM)



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| 24. Working Capital Requirement |  |  |
| :---: | :---: | :---: |
| Current Asset |  |  |
| RM | XXX |  |
| WIP | XXX | RM holding Period = Avg Stock of RM |
| Material $\quad x \times x$ |  | RM holding Period $=\overline{\text { Avg cost of RM consumption per day }}$ |
| Labour $x x x$ |  |  |
| $\mathrm{OH} \quad x \times x$ | XXX | WTP holding Period $=$ Avg Stock of WIP |
| FG | XXX | WIP holding Period $=\frac{\text { Avg cost of WIP per day }}{}$ |
| Drs | XXX |  |
| Prepaid, Cash and bank | XXX | Cost of WIP $=$ Material + Labour + Factory OH |
| Other CA | XXX |  |
| Total (A) | XXX | FG holding Period $=\frac{\text { Avg Stock of FG }}{}$ |
| Current Liabilities |  | CGor ${ }^{\text {Avg cost of goods produced per day }}$ |
| Crs | XXX | Cost of FG = Material + Labour + FOH + AOH + S\&D OH |
| O/S labour/OH | XXX |  |
| Other CL | XXX | Drs Collection Period $=\quad$ Avg total Drs |
| Total (B) | XXX | Drs Collection Period - Avg cost of Credit sales per day |
| WC before Safety Margin (A-B) | $X X X$ $X X X$ | Avg Creditor Expenses |
| WC after Safety Margin | XXX | Crs Payment Period $=\frac{\text { Avg cost of Creditor payment per da }}{\text { d }}$ |

