```
-> Sources of finance
(neually long-larm)
 Servicing the capital
-> Loan -> type of capital lating with more later
-) Interest on loan is explicit, is also broked as an expense.
- capital is from owners, i.e., equity some capital
-) cost of equity is implicit.
-> cost of debt is ok.
   can me say cost of equity is NILPX
   Preferences w.r.t. [ 1. Dividend payment 2. Liquidation of company
     cost of preference share capital - Dividend.
-> Cost of capital is used for a benchmark on hurdle rate.
Past/Present/Future.
I can be used for comparing the performance of divisions inside the company.
                    BC
   Div. A
                    2000
                          1000
  Witered 200
                    15 7. 16 %, , Say experted= 13%.
           Economic profit = 157, - 137, =27.
                        = Extra profit earned above and over CoC.
     2000 Equity 14% Coc
                                        D = (T-1) ×11 = 171
           Pelot 10%
                                                    I granula 2:-
                                           9-M + (T-1) but
    Overall Coc = \frac{2}{5} \times 147, + \frac{3}{5} \times 1070 = 11.67,
```

```
Next based neturn is called opportunity cost.
                          WACC -> meighted average cost of capital.
                          3 Sowrees of finance:
                             treforence Share Capital
                             Equity share capital or Equity
(ESC + Resorves & Swephis)
The state of the s
                                                                                   Amount in Fare Market
Rs. crose Value Value Ki
             Type of capital
                                Pelsenture.
                                                                                                                 Rs. 1000 B. 1,050 6.825
                               (10%, 8grs)
                                                                                                       Rs. 100 Rs. 90 13.8270
                          127. preference
share capital
                                                                                        construct a son boundations
                                                                                                                                    end of Jane 1 120
                           Esc:
                                  Paid up (que capital que
                                                                                                                             Ps. 10 Rs. 70 15-20%
                                Reserves &
Surplus
                                                                                        800
       T = 25 % (Tax)
                                                                                                                       loss on this also, Spread over time
 cost of debt: -
      YTM = 1100 +
          0.6×1050+0.4×1000
    Tax benefit on the
             TKd = 9.1 x (1-T) = 6.825 % (using formula!)
       Formula 2;
                        Int (1-T) + M-P
                                                                                                          (without the assumption)
                             0.6xP+0.4xM.
```

I but, cost of capital is always post-tax.

825 0 JA50 E 5

11.40800 1.000

+ 51

3900

岛运100

Coppere the conform has

more of lower

$$= 12 + \frac{100 - 90}{10}$$

$$0.6 \times 90 + 0.4 \times 100$$

3900

Weight
$$\frac{1200}{2900}$$
 $\frac{600}{2900}$ $\frac{1100}{2900}$ 2900

3900

WACC using BV weighte = 11.44897.

#	Weight (BV)	Lixwi (BV)	Weight (MV)	Kix Wi (MV)
1	0.4138	2.824270	0.3230	2.2045%
2	0.2069	2.859370	0.1385	1.91417
3	0.3793	5-76547.	0.5385	8.18527
	1.0000	11.44899	1.000	12.303870

1 1 1 1 1 1 1 1 10

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loliges to top.

(19 - mil) a -

WARC using MV weights
= 12.3038% (by default, when nothing else is mentioned)

-> Suppose the company has three different divisions.

To evaluate the performance of each divisions should the company use P

Uniform CoC, i.e., 12.3037 70 P No.

-> CoC for each division should be calculated separately.

-> Marginal Cost.

Loan! Rs. 500 cr 12%.
Rs. 700 cr 13%.

CoC can vary as the company requires more capital.

WMCC - weighted marginal cost of capital.

at a so

facs of

n [' ']

017.52

0012

```
WMCe
   capital Type (i)
                                       (Post-tax)
187.
                          Range of ith capital
                   7.
    Equity
                   507.
                           0-1000
                                          20% 5- 5-01
                           1000 = -0.91
                            Debt
                   30%
                                          87.
                           0 - 500
                                          107.
                           500 -1500
                                          1270
                           1500 - -
  Reference share
Capital
                   20%
                                          167.
                           0-600
                           600 - ---
→ Change prints -
                  0.50 = 2000
                   0.3 = 5000
   500 = 1667
                by it underested & of amilar companies
                pepalle of myonorm to low with my expect a
                 (WACC).
-) upto 1667, Coc, remains came come me que moideles
  WACC = 0.5×0.18+0.3×0.08+0.2×0.10
      = 13.47,
                         02.0
                                                  1 TONY
> B/w 1667 and 2000,
   WACC = 0.5 x 0.18+ 0.3 x
       = 14.07
> 3/w 2000 and 3000
                                                  1,1,0
  WACC = 0.5x0.20+0.3x0.10+0.2x0.10
> B/w 3000 and 5000,
                                along my per persons
  Whee = 0.5 \times 0.20 + 0.3 \times 0.10 + 0.2 \times 0.11
= 15.27
```

Above 5000, 0.3x0.12+0.2x0.11 WACC = 0.5 x 0.20+ = 15.87, WMCC it Range of total capital Schedule of wmce 13.40% 14.00 % 1667-2000 15.00% 2000 - 3000 15-20 7. 3000 - 5000 15.807. 75000 B calculated is always levered (financial nick only come from delat): Bu = Bi 1+ P (1-T) Pr = Pu [1+ D (1-T)] Avg. of underered & of cimilar companies is taken as a proxy of underered & for my unlisted company, Calculation of & for unlisted companies ME P. 0.80 0.30 0.6531 Yurry 0.7826 0.90 Pooja 0 - 8461 0.40 1.10 Yash 0.5581 0.60 0.10 Sahil 1.0105. 0.25 1.20 Dev 0.77 Tax = 25% company Jai has DE 0.35. Find B Pl = 0.77 [1+0-35 ×0-75] = 0.9721

(2,00,000) X1 Rs. 20,000 consulting fee B. 5,00,000 IPR = 23% have to pay this even if we do not take up the project.
Sunk cost - cannot recover it. A new project) - 70 not consider sunk costs while considering each flows. Principles for estimation of each flows for a project -> Sunk cost - de not consider -> Incremental Cash Flow For expansion projects! (30,000) (2000)

- å stredy being

produced earlier

-> Relevant Cash Flow

-> Opportunity Cost