

Assignment – Group

Deadline : 5th April 2025

Valuation of a company (10% weight = 20 MARKS)

Please select a company for valuation. The company should be listed on a stock exchange. You can assume **end of March 2024 as your time 0.**

1. Perform the DCF Valuation of the company
 - 1.1 Project the cash flows for the planning period of 5 years. **Plot the cash flows.**
 - a) Download the last **three years fiscal ending Balance sheet** and last three years **Income statement** for the company. **Plot important variables.**
 - b) Perform the **common sizing**, common sizing using ratios for balance sheet and income statement and plot the ratios
 - c) Perform horizontal analysis for the income statement and plot
 - d) Perform **prospective analysis** using **last three years' average figures for the ratios**
 - e) Project the **FCFF** and **FCFE** for the firm and plot those.
 - 1.2 Calculate the cost of capital for the firm
 - f) Calculate the **beta equity for the company using regression.**
 - g) Calculate **cost of equity capital**
 - h) Calculate **cost of debt using a synthetic rating method / or alternative methods**
 - i) Calculate market value of equity
 - j) Calculate market value of debt from the book value of debt
 - k) Calculate the cost of capital
 - 1.3 Calculate the **terminal value growth rate**
 - l) Calculate the **growth rate** using reinvestment rates and **ROE capital**
 - m) Calculate the growth rate using **relative valuation technique**
 - 1.4 Calculate the **value of the firm using DCF method**
2. Perform the **Relative Valuation** of the company
 - a) Select atleast three listed firms in the same industry and **calculate the industry multiple**
 - b) Using multiples, value the company
3. Write about the company, the industry it belongs to, its' products or services, what are the sources of revenue generation for the company, who are the competitors, suppliers, creditors, other stakeholders, the board of directors for the company, the shareholding pattern. In addition, go through the industry report related to this specific industry and bring in your insights from the industry report. Industry report can be accessed from **ibef.org**

Required files : 1 **Python code/excel sheet with all workings properly shown and one **presentation file** with names of all members. (Note: Just to help you start on Python with cash flow projections, a google colab link is provided for your reference).**

<https://colab.research.google.com/drive/1VkO6O-jSxdCktlfKggbE7haA8HtBSVA?usp=sharing>