

Training and placement cell program

// student info: data to be entered: 40 students, two branches (CSE, ECE)

student (sid, name, branch, CPI, phone, email);

//company info : 15 companies

company (cid, co_name, place, phone, email)

// this stores the data of the companies making offers. For each branch a company will have one entry.

company_interest (cid, branch, seats, package);

// this table can be used by the administrator for deciding the schedule for placement schedule

intrested_in_company (sid, cid);

// this table is used to store the list of provided dates by the companies on which it can conduct placement procedures.

available_dates(cid, c_date);

// the schedule of company visits : one company per day;each company on only one day; scheduling algorithm: schedule according to decreasing number of students interested in the company: a) find the company with the maximum interest – give it the earliest slot it has asked for b) repeat without considering the allotted company.

Schedule (date, cid)

// the selections by companies; one student may be selected by more than one company, and one company can select up to a maximum of seats it has given (for each branch).

Selection (cid, sid)

Tasks:

- a) Data Entry in bulk students, company, company_interest, interested_in_company, available_dates.
- b) Making a schedule and filling up the table schedule
- c) Show the list of companies, and for each company name and place of the company, the date of interview, the package for each branch.
- d) Student entering the companies he wishes to be considered for. He / she can give at most 4 choices.
- e) Company entering the list of students it has selected, branchwise. You have to check that limits of the number of students selected is not crossed for each branch.
- f) Show the schedule for a given month showing: date, name of company, number of students to attend.
- g) Show the list of students a given company has selected, branch-wise.
- h) Show the list of students and the companies that have selected them, in order of the date of selection by a company, and grouped by branch.