cost factors which have

I controlling the use of ent of the basic network

thines of all types, the ect to varying demands low what activities and source limitations (e.g. t delay the project. They void paying overtime at stage.

he following details are

previously described. Sification of the resource

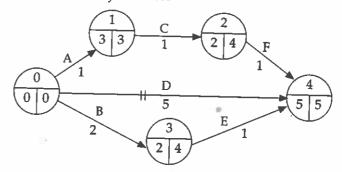
project. If variations in be specified.

. which activities may or

simplicity, only the one apply to other types of

Project data Activity Preceding activity Duration (days) Labour requirements A 2 men В 2 1 man Ċ 1 1 man D 5 1 man E В 1 1 man 1 man

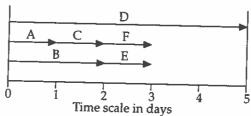
Resource constraint, 2 men only available



Critical path – Activity D – Duration 5 days (Without taking account of the resource constraint)

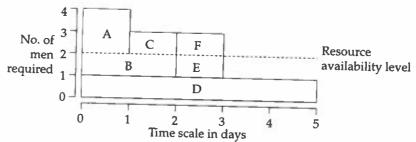
Resource Scheduling Steps

a) Draw the activity times on a Gantt or Bar Chart based on their ESTs



Time scaled network

b) Based on the time bar chart prepare a Resource Aggregation Profile i.e. total resource requirements in each time period.



Resource aggregation profile based on EST's

c) Examination of the above profile shows that at times more resources are required than are available if activities commence at their EST's. The ESTs/LSTs on the