

# Department of Computer Science and Engineering, SVNIT Surat

## System Software

### Lab Assignment -5

1. Write a program to construct LL (1) parse table for the following grammar and check whether the given input can be accepted or not.

Grammar:

$E \rightarrow TE'$

$E' \rightarrow +TE' \mid \epsilon$

$T \rightarrow FT'$

$T' \rightarrow *FT' \mid \epsilon$

$F \rightarrow id \mid (E)$

\* $\epsilon$  denotes epsilon.