

## Consolidated project diary

18<sup>th</sup> November

we couldn't do much of project work earlier due to endsem and quizzes of other subjects. since we were free from other subjects now we decided devote most of our time to the project.

We met around 2 pm and discussed the approach to be taken about making of functions ,graphics and input-output mechanism.following was the distribution of work

Mohit-to make exponential,hyperbolic, functions.mohit should also make the graphical interface.

Tapish-to make trigonometric inverse trigonometric functions and also try integration of various functions.

Dimpal-to make functions to compute square,cube, $e^x$ ,factorial, $nCr$ , $nPr$ .

Niraj-to make functions for solving quadratic equations, solving systems of linear equations, squareroot, cuberoot,nth root,and coding the input output mechanism.

19<sup>th</sup> November-

We coded our functions as much as possible,in morning and afternoon,and met to discuss our progress around 4 pm for half an hour.we decided to take help of our TA for input-output mechanism as we were not getting a good mechanism by ourselves.

20<sup>th</sup> November

We met our TA late in the night we discussed parsing he told us about push-pop mechanism.

Meanwhile our individual coding was also in progress .

21<sup>st</sup> November

After meeting TA we decided to try the logic by ourselves. But we could not do much.so we again went to TA .he helped us improve our code,and we succeeded in parsing single digit numbers.

22<sup>nd</sup> November

We couldn't do much of coding because we had to prepare well for our CS101 endsem.

23<sup>rd</sup> November

After endsem Niraj and mohit discussed about input output mechanism.the method suggested by TA

Was getting too complicated for multi digit numbers.

So they reached a solution by applying their works together,using char arrays and associated arrays of other types.finally the calculator started working.

24<sup>th</sup> November

Most of the day was spent by team members in documenting the project.and minor debugging.

Tapish and mohit made project report.dimpal made SRS document and Niraj consolidated the diaries of team members.