

## Meeting report n° 4

Attendance:

**Name**

Veera Panchakarla  
 Eswara Prasad Orupula  
 Bin Wu  
 Aoyu son  
 Amareshwar Prasad Chunduru  
 Ramesh Babu Yeedu

Absent

None

### Agenda

Topics that are discussed

- Calculating the optimal mass
- Calculating the optimal gear ratio
- Matlab
- Simulink
- Reports

Approval

Task list and follow up

Assignment	responsible	Team members	Due date	Finished (Y/N)	Actual workload (h)
Calculating Optimal gear ratio	Amar veera	Team		Y	5 Hours
Calculations for the optimal mass	Ramesh eswara	Team		Y	4 Hours

simulink	Bin & veera	Team		Y	4 Hours
Mat lab simulation	Bin and Ayou	Team		Y	4 Hours
Meeting report 4	Ramesh	Team		Y	1 Hours
Blog and meeting reports	veera	Team		Y	1 Hours

## Agenda discussion

Is the fourth week of the project, so in this week we are mainly focused on the design of the solar car

- Last meeting report  
this is the fourth meeting report
- Assignments:

In this meeting we initially studied all the files regarding the race strategy, Simulink ,mat lab and also on basic theories to get an idea and all of us individually prepared a notes on these new programing software's , and we all discussed for the sharing the work in tasks and then we started working. We all are fixed our dead line for the completion of the total tasks by 21-03-2014:

- Optimal gear ratio at given power for atleast 10 combinations of gears,
  - Optimal mass of SSV that has to be taken for effective launching of the ball,
  - Final velocity attained by the SSV and the maximum height the ball would reach
  - Simulations using Matlab and Simlink
  - Making report for all these calculations and updating the wiki page.
- Literature Study

The Literature study was planned during the meeting, the tasks are listed in the task list. All the necessary reports, print outs and summaries will be completed for each of the tasks, by the people that are assigned to it.

- Miscellany : none

## Future Meeting:

The next meeting will be on Thursday 12/03/2014 next week at 10:00 AM in Cafeteria.