

MS11 Weekly Report

Week 3 (February 10th – 16th)

I. TUTORIAL ASSISTANCE

- a) Mathematics Tutorial Assistance was conducted by Master. Kishore Bharti on Monday, 11/02/2013 from 7 pm to 8:30 pm in LH5 H5.

The portion covered includes topics covered in class by Prof Lingaraj Sahu till the first mid sem, followed by a discussion of tutorials. Tutorials one, two, three and four were discussed.

12 students from the MS11 batch attended the same.

- b) Physics Tutorial Assistance was conducted by Atul Singh Arora on Tuesday, 13/02/2013 from 10:30 pm to 12:00 pm in LH7 H7.

The said week's lectures by Prof. Bagla were discussed, with majority of the content from Pippard for further clarity. In essence, the second law of thermodynamics was covered.

4 students from the batch were present.

- c) Philosophy of Science Tutorial Assistance was conducted by Ms. Ritu Roy Chowdhury on Wednesday, 14/02/2013 from 7:00 pm to 8:30 pm.

During the session the topics covered by Dr. Arun Murthi till the first midsem were discussed. It included a brief introduction to philosophy, its relevance and importance.

Alongside the fundamentals of philosophy like epistemology and metaphysics were discussed in detail.

6 students from the batch participated in the discussions.

II. Talks

- a) A talk was given by Ms. Diksha Jain on '**Game Theory – Nash Equilibrium**' on 14/02/2013 from 7 to 8 pm, LH1 LHC.

In this talk, the games dealt with in Game Theory and concept of Nash Equilibrium was introduced.

This concept was made clearer by using it in games like Pure Coordination, Prisoner's Dilemma. Mixed Strategies were introduced and explanation of how to use the concept of Nash equilibrium in such games was also done. The talk ended with some practical application of these concepts in Game Theory.

III. Documentary

- b) The documentary '**HOME**' was screened on Friday, 15/02/2013 from 6 pm to 8 pm in LH5 Hostel 5 by Master. Saurabh Thapliyal and club members.

9 students from MS11 batch attended the same.

The documentary covered issues like water problem, global warming and species extinction. It also focused on illegal mining leading to increase in global warming and subsequent melting of glaciers, rise of sea level, submergence of low lying land, green house effect and landscape and habitat destruction .

Sincere thanks to all the tutors, group identifiers who helped spread the information and everyone who participated in this collective effort.