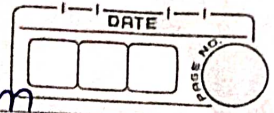


Report on Nehru Planetarium



NEHRU PLANETARIUM

Introduction! The main objective of fostering scientific temper through the means of edutainment (i.e. education + entertainment) it was commissioned on 3rd March 1977. The planetarium has been making learning Astronomy a pleasant experience.

We visited Nehru Planetarium on 6th of September at 11 a.m. We reached there. There was two building one was Discovery of India and 2nd one was Planetarium. Planetarium was Domb shaped and half spherical shape from out side. We took a tickets for the show which was at 12 P.M. The name of the show was cosmic life. which was in hindi.

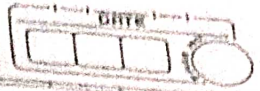
At 11:30 we entered in the planetarium after ~~inter~~ entering there were some exhibits about different planets. Photos of Mars and moon clicked by setelites. After that ~~was~~ there was a weighing machine measuring weight at different planets and moon according to there gravitational force. We get to know that gravitational force of

Mars is $\frac{1}{3}$ rd of ~~each~~ earth's gravity so our weight will be less than ~~earth~~ our weight on earth. Similarly Moon's gravity is $\frac{1}{6}$ th of Earth's gravity so weight is even less. After that there was a model of our solar system which was on the top we have to look at that as we look at sky. After that one of the volunteers working there had explained our whole solar system. That sun is a hot star which is so so hot which is about 5600°C . on the surface & inwards it is more hot about 15000000°C . Sun is so big that 1300000 planet like earth can fit inside it. after that we learned about each planet and also that the moon's ~~is~~ surface is not plain. There was a model in which surface of moon is shown with the holes & uneven surface as it was discovered by our scientist. Also that volunteers had told us that we sent one satellite on Mars expected that it will work for 1 year or it will rotate around Mars about 1 year and send us information. but that satellite is still working which is after 10 years also which is proud moment or thing for India.

There was one picture of surface & sand of Mars which was captured by our satellites.

After ~~this~~ seeing one by one each exhibit we proceed towards the theatre hemisphere. which was like hollow & see up for the view. after that one of volunteers had explained the stars & Astrology and star which can be seen that day in which direction when & where in night. after that one small video of 3-D movies showed to us that how our future can may me try to contact ~~with~~ with another solar system. Yet it is not discovered as the signals coming from other solar system will take around 100 of year to receive & again if they will respond to our signal if there is any life so it will take another 100 years so. In that movies had shown that one whole family whole 3 generations had sent to other star of other solar system. where there kids are learning in rocket or spaceship and after 3rd generation may be they will get some signal from ~~other~~ star of other solar system.

Reflection



The shape of the building had attracted me most as it was looking like a hemisphere. There I first time got to know that Sun is so hot and so so big from our earth and many new things about planet like Saturn has a ring that I was knowing but that is not a actually ring that is made up of lots of small-small stars similarly the Milky Way has lots of stars which are even greater in size as compared to our planets - still they are so far from ~~earth~~ our planets so that we see them as a particles. And 1st time I saw that the sand of Mars is redish-organish in colour that we can see on our earth as well like red sand. After this the Movie motivated me that we and I should also do something that we can reach & Bet contact with other solar system. And I thought that ~~we~~ as a teacher we ~~I~~ will also take my students to Nehru planetarium so that they will also get information and get motivated to do something in their life to go to moon & mars. & Discover New things & keep theirself motivated to become scientist.