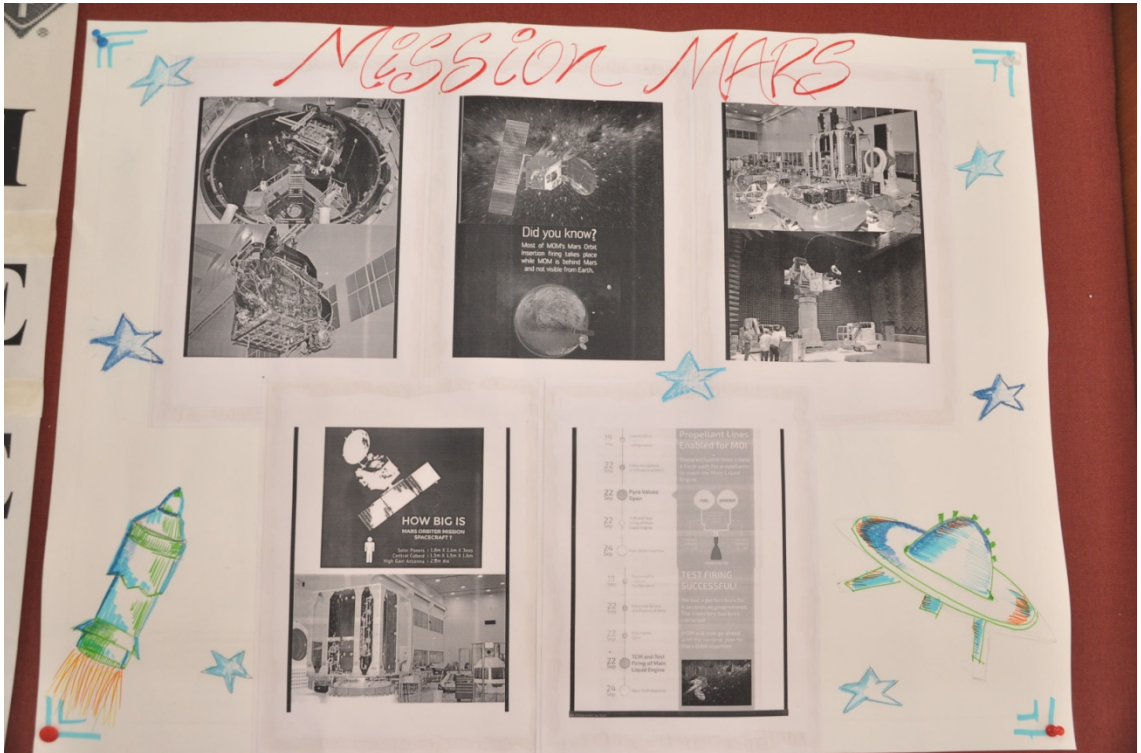


मेट, भुजबळ नॉलेज सिटीत 'मंगळायन' विजय साजरा


जागतिक स्तरावर अद्वितीय यश मिळविलेल्या आपल्या भारत देशात 'मंगळ' ग्रहाजवळील कक्षेत यान पाठवून मिळविलेले यश भुजबळ नॉलेज सिटीतच्या सर्वच इन्स्टीट्यूटने पोस्टर कॉम्पीटीशन साजरी करून आनंद व्यक्त केला.

विद्यार्थ्यांच्या बुद्धीला चालना मिळावी म्हणून प्राध्यापक वृंदांनी या मोहिमेची माहिती गोळा करून त्या संदर्भात पोस्टर कॉम्पीटीशन आयोजित केली होती.

विद्यार्थ्यांमध्ये देशाभिमान व ध्येयवाद वाढावा ह्या उद्देशाने केलेल्या ह्या उपक्रमास चांगला प्रतिसाद मिळाला. संस्थेच्या मुख्य प्रशासक शेफाली भुजबळ यांनी या उपक्रमाचे कौतुक केले आहे.



Mission Mars



I'm in the Martian Orbit

India on Wednesday became the first country to successfully place a spacecraft into Mars orbit on the first try.

Mars Orbiter Mission (MOM) spacecraft

JOURNEY words: TABS
2010: 1st person feasibility report
2012: Government approves the project

December 1, 2013: The Mars Orbiter Mission was launched and the spacecraft left the Earth's gravitational sphere of influence. Intentionally, the mission also used the Earth's own gravity and rotation to launch Mangalyaan towards Mars, thus saving on fuel weight and cost.

December 4, 2013: Once it left the Earth's sphere of influence, there was no going back. Unless the mission was a success or fail. That's right, after the spacecraft was launched on a ballistic path to a destination around 170 million km away from Earth where it orbits Mars, which is also moving on its own orbital line. There were a few mid-course corrections to keep the spacecraft on the path as per the plan.

September 19, 2014: Spacecraft receives its capture configuration.

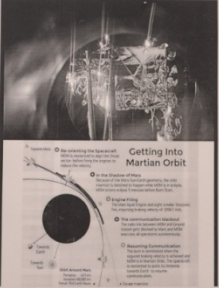
September 22, 2014: MOM enters the sphere of influence of Mars and propellant burn is needed for orbit entry. These maneuvers have created a fresh path for which had been able for nearly 200 days. It continued successfully.

September 24: Mangalyaan successfully placed in Mars orbit.

Major Systems for Mars Orbit Insertion

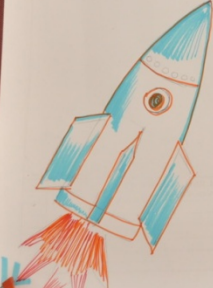

Our instruments and sensors show that MOM has entered the Gravitational Sphere of Influence of Mars.

REACHED THE MARS NEAR POINT



Getting into Martian Orbit

- 1. Launching the spacecraft
- 2. Entering the sphere of influence of Mars
- 3. Mid-course corrections
- 4. Entering the sphere of influence of Mars
- 5. Orbit insertion
- 6. Orbit circularization
- 7. Orbit raising
- 8. Orbit lowering
- 9. Orbit raising
- 10. Orbit lowering
- 11. Orbit raising
- 12. Orbit lowering

INDIA makes space history

RENDERING THE SPACECRAFT INTO MARS ORBIT

At the end of the mission, the spacecraft will be de-orbiting and re-entering the Earth's atmosphere. The spacecraft will be destroyed in the process.

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RENDERING THE SPACECRAFT INTO MARS ORBIT

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ISRO successfully places Mangalyaan in Mars' orbit

Mangalyaan enters Mars orbit, wild applause in Isro control room

None of the nations have been successful in maiden attempt, India is only country which has been successful in its very first attempt. There, are all accomplishments that will go down as landmarks in history.

8:08 IST Wednesday, 24 September 2014
ISRO announces in some of historic in the face of incredible success.

8:22 IST Wednesday, 24 September 2014
Applause all around at the Control Centre as the message is received that the Mars Orbiter has successfully entered the planet's orbit.

7:58 IST Wednesday, 24 September 2014
The orbiter is out of Mars' shadow right now. ISRO will start to receive signal from Mangalyaan in a few minutes.

8:47 IST Wednesday, 24 September 2014
As the Mars Orbiter turns to face the Earth again, ISRO is now looking to resume communication with the craft.

7:42 IST Wednesday, 24 September 2014
The crucial move of starting the liquid engines has been a success. ISRO scientists must be breathing a huge sigh of relief right now given that engines' functioning would have determined the success of the mission now.

7:31 IST Wednesday, 24 September 2014

"There, are all accomplishments that will go down as landmarks, in history," said Prime Minister Narendra Modi.

I'm in the Martian Orbit

India's Flag Mission to Mars

Comparison chart of Mars Orbiter Mission (MOM) and Mars Reconnaissance Orbiter (MRO).


COMPARISON

Engines of the Mars Orbiter go strong and here start has been confirmed. Now the spacecraft is 1000 meters per second in orbit.

7:29 IST Wednesday, 24 September 2014
The radio link between the ISRO's engineers and the Mars Orbiter has been broken as the Mars Orbiter is eclipsed by the red planet.

7:27 IST Wednesday, 24 September 2014
Going behind Mars

7:12 IST Wednesday, 24 September 2014
Prime Minister Narendra Modi has arrived ISRO's Spacecraft Control Centre in Bangalore.



MADE BY:-
ARIT DHIGAN
DIV 5-B
ROLL No. :- 08/25
MBA-Ist Year
Name:- VINCK MOVE



‘मंगळ’ मोहिम संदर्भातील पोस्टर स्पर्धतील निवडक छायाचित्रे
सहभागी मेट, भुजबळ नॉलेज सिटीतील सर्वच इन्स्टीट्यूटस