



ACHIEVERS IAS ACADEMY

SUMMARY OF THE HINDU FOR BPSK EXAMINATION ENGLISH

DATE

03/09/2023

THE HINDU National

➔ Aditya L1 lifts off to study the sun

About the Launch

Aditya L1 was launched by ISRO by ISRO on Saturday . PSLV on board with flight Aditya L1 took off from Satish Dhawan aSpace Center in Sriharikota at 11: 50 AM .

After 63 minutes from the take off , the separation from the satellite took place with PSLV launching the Aditya L1 aircraft in highly eccentric orbit around the earth at 12 : 53 AM .

Aditya L1 will stay in earth's orbit for 16 days following which it will not undergo five maneuvers to gain the necessary velocity for its long journey towards the sun .

Following the launch the Aditya L1 will undergo Tand Lagrangian 1 insertion maneuver , marking the beginning of 110 day trajectory tongue destination of around L1 point .

L1 point

L1 is a point where combined effect of earth's and sun's gravitational forces is zero .

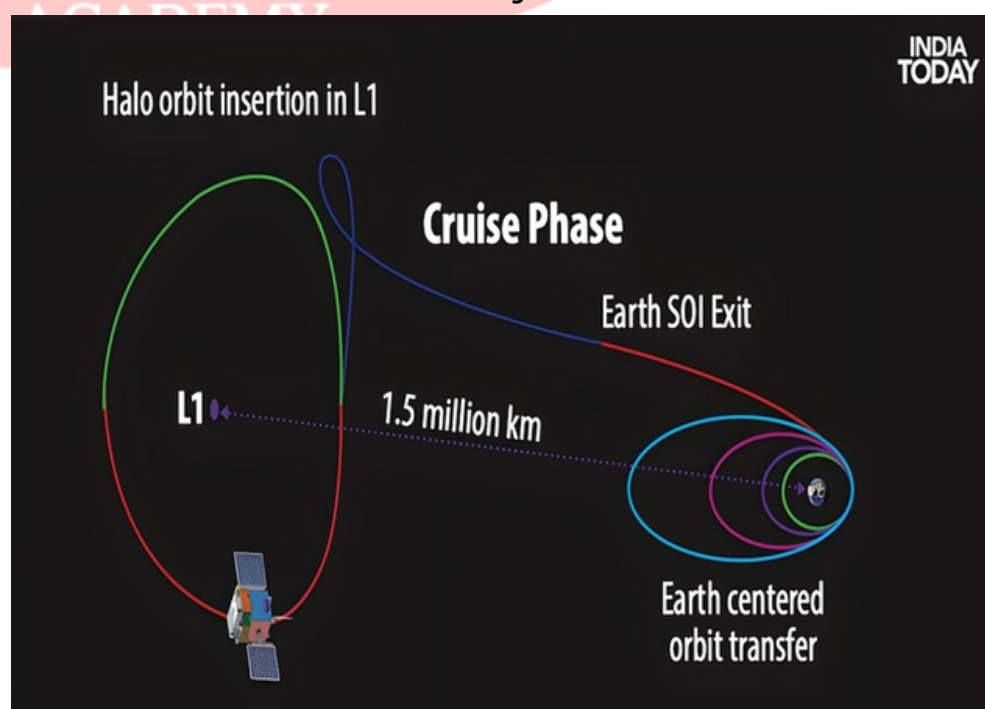
It is about 1.5 million km away from earth . The distance is 1% distance between earth and sun.

What Aditya L1 will do ?

The mission has five year life . and it will study the problem of Coronal heating , Coronal mass ejection ; pre flare and flare activities and their characteristics ; dynamics of states whether ; and proportion of particle and fields.

Aditya L1 will make its first maneuver to lift it's orbit on Saturday 11:45 am

Orbit of Aditya L1



➔ G20 sherpas to sit together for final round of pre – summit negotiation from today

The Sherpas and Sous Sherpas who are the chief negotiators for the G 20 leaders will meet from September 3 to September 6 on the outskirts of Delhi near Manieshar .

Voice of Global South

" We will achieve the consensus on all growth and development issues and on all out priorities . We are positive , constructive , ambitious and will be balanced .Our declaration will speak of voice of global South where most of the global growth will come from next two decades , " G 20 sherpa from India Amitabh Kant told .

Multiple differences

There is differences in words in final documents of communique to be released after G20 .

Ukraine issue – West and US wants that Ukraine conflict should be included , Russia and China are against it

Climate financing – words on climate financing ,like " billions " and " trillions " of climate financing is in debate .

China objected on Indian addition of millets , Lifestyle of Environment (LiFE) , and the use of Sanskrit word Vasudhaiva Kutumbakam .

There are differences between developed countries and developing countries over the language of increasing representation of the global South on the boards of international financial institutions like world bank

➔ **India will be part of implementation of Zelinsky's , peace formula : envoy**

India will be a part of implementation of 10 point peace formula proposed by Ukrainian President Vlodmyr Zelensky . and the details are being discussed , Ukrainian Ambassador Alexander Polkushiok told .

Mr. Polischuk has also welcomed Indian students to continue their education in Ukraine . He urged india to contribute in Post war reconstruction

➔ **Three fourth of India's irrigation sources run on electricity : study**

The latest edition of minor irrigation census (MIC) – a compendium of borewells , tubewells , and other privately owned irrigation sources by farmers conducted by Union Jal Shakti ministry has following findings

- Electricity is dominant source of power to extract power over diesel and wind and solar energy .
- 'dugwells ' or Ponds capable of drawing water form a maximum 15 meter under ground , remain a dominant source of groundwater , their number has declined from 87 lakh to 82 lakh between fifth and sixth editions .
- The number of " shallow " tubewells , capable of drawing water from upto 35 m , have declined from 59 lakh to 55 lakh .
- " medium sized " Wells capable of drawing water from a maximum from up to 70 m – has increased from 31 lakh to 43 lakh .
- Deep wells beyond 70 m , numbers rose from 26 lakh to 37 lakh .
- Overall 23 .14 lakh minor irrigation scheme were reported from country .
- UP has the largest no of MI schemes in the country (17.2%) , followed by Maharashtra (15.4 %) , Madhya Pradesh (9.9%)

This is the sixth edition of MIC . It shows irrigation trends in 2017-18.

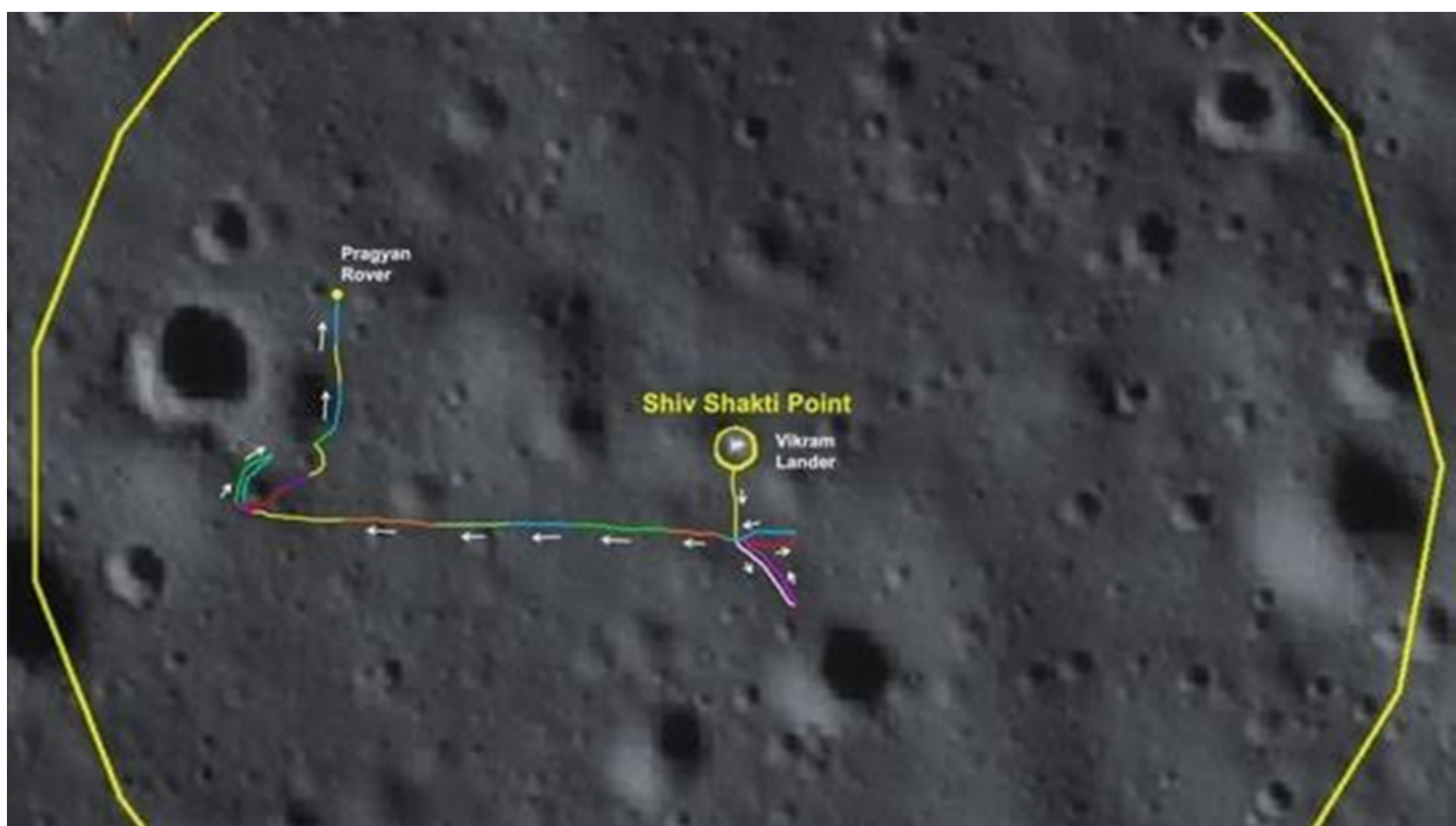


➔ **Pragyan completed its tasks , rover safely parked and set into sleep mode , says ISRO**

ISRO said on Saturday night that Chandrayaan 3 's rover rover Pragyaan had completed assignments and it had been safely parked and set into sleep mode .

" Chandrayaan 3 mission : The rover completed its assignments . It is now safely parked and set into sleep mode .APXS and LIBS payloads are turned off . Data from these payloads is transmitted to the earth via lander " the space agency posted on X (formerly twitter) .

" Hoping for successful awakening for another set of assignments ! Else , it will forever stay there as India's Lunar ambassador , " ISRO posted .



Pragyaan has been parked 100 m away from Vikram

➔ **CBI files FIR against three arrested railway officials in Balasore train accident case**

CBI has filed chargesheet against three railway official in Balasore train accident on June 2 , which led to death of 291 people .

A senior section engineer , a section engineer and a technician have been booked for the charges .

Section 304 (Act committed with the knowledge that it is likely to cause death but without any intention to cause death or injury) , and 34 (common intention) . 201 (causing disappearance of evidence and giving false information) of IPC and 153 (endangering safety of persons traveling. by railway by willful act or omission) .

CBI alleged that the three attempted to destroy evidence to evade detection of their role .

The accident occurred due to fault in wiring in Bahanga Bazar Railway station ,and it had gone undetected by signal and telecom staff .

➔ **Adhir declines to join " One Nation , one election Panel**

The Union law minister eight members of the committee headed by former President Ram Nath Kovind . They will examine issue of simultaneous elections of Lok Sabha , Assembly , Municipalities and Panchayats .

The eight members of the committee are former Home minister Amit Shah , Rajya Sabha Member Ghulam Nabi Azad , former Finance Commissioner chairman , N.K.Singh , Senior Advocate Harish Salve , Former Lok Sabha Secretary General Subhash C Kashyap , former CVC Sanjay Kothari .

Law minister Arjun Ram Meghwal will attend it as special invitee.

World

➔ **Over half of Sri Lankan People " Vulnerable " : UNDP**

United Nations Development Programme (UNDP) has released a report about Sri Lanka citing that after economic crisis more than half of 22.16 million people are " multidimensional vulnerable " .

The report says that 12.36 million of 22.16 million people in Sri Lanka face multidimensional poverty .

IMF had given 3 billion dollar loan to Sri Lanka to recover from present economic crisis .

Multidimensional poverty sees 12 criteria a.k g three groups education , health and standard of Living .

➔ **No invite for Russia and Belarus Envoys to Nobel Prize ceremony**

The Noble Foundation said on Saturday that it was reversing a decision to invite Ambassadors from Russia and Belarus to this year's nobel prize ceremony in Stockholm .after the move sparked a backlash .

In 2022 , it had not invited Russia and Belaruss following Russian invasion .

Swedish foundation on Thursday had said that it is retaking to previous practice to invite all ambassadors . This has sparked a wave of angry reaction .

Norwegian Nobel Institute last year invited all Ambassadors and this time they said that the practice will continue .

➔ **Shopkeepers in Pakistan hold nationwide protest over inflation**

Thousands of Pakistani traders shuttered their shops on Saturday ; striking over soaring energy and fuel bills .

Due to economic crisis , Pakistan had to sign deal with IMF , IMF had demanded that subsidies cushioning living costs be slashed .As a result Petrol , and Electricity prices has rocketed

➔ **Australia will hold talk with China to ' stabilize ' ties**

Australia will send a delegation of industry , government and academic , media and art representative to Beijing for dialogue with their Chinese counterpart next week to stabilize relations , Australia's foreign ministry said in Saturday .

High level talk between the two countries had stopped in 2020 . After years of tension the two countries are holding high level talk.

