

# Space station will be open to tourists from next year



**Futuristic vacation:** NASA chief financial officer Jeff DeWit and ISS deputy director Robyn Gatens making the announcement in New York on Friday. **AFP**

A night's stay is priced at \$35,000 and a round trip ticket costs \$58 million

AGENCE FRANCE-PRESSE  
NEW YORK  
U.S. space agency NASA said on Friday that it would open up the International Space Station to business ventures including space tourism — with stays priced at \$35,000 a night — as it seeks to financially disengage from the orbiting research lab.  
“NASA is opening the International Space Station to commercial opportunities and marketing these oppor-

tunities as we've never done before,” NASA chief financial officer Jeff DeWit said in New York. There will be up to two short private astronaut missions per year, said Robyn Gatens, deputy director of the ISS. The missions will be for stays of up to 30 days. As many as a dozen private astronauts could visit the ISS per year, NASA said.  
These travellers would be ferried to the orbiter exclusively by the two companies

currently developing transport vehicles for NASA: SpaceX, with its Crew Dragon capsule, and Boeing, which is building one called Starliner. These companies would choose the clients and bill for the trip to the ISS: around \$58 million for a round trip ticket.  
That is the average rate the companies will bill NASA for taking the space adventurers up to the ISS. The tourists will have to pay NASA

for their stay in space, for food, water and use of the life support system on the orbiter. That will run about \$35,000 per night.  
The space station does not belong to NASA. It was built along with Russia starting in 1998, and other countries participate in the mission and send astronauts. But the U.S. has paid for and controls most of the modules that make up the orbiter.

# U.S. firms make bookings for private missions

KENNETH CHANG

Aerospace companies in the U.S. have already made reservations for the space tourism missions announced by NASA on Friday.  
Bigelow Aerospace of North Las Vegas, Nevada, has reserved four launches. The company will use SpaceX, the rocket company run by Elon Musk, to take private astronauts. Each flight would have four seats. Axiom Space of Houston

is also arranging flights and hopes to fly tourists next year.  
In the 2000s, seven private citizens did visit the space station, but those trips were arranged through the Russians, which operate half of the station. At the time, NASA said it was not interested in such ventures.  
NASA also announced that it will be calling for proposals for adding a commercial module to the space station this month. **NY TIMES**

# '1 mn new cases of STIs detected daily globally'

WHO says it is a wake-up call for action

SPECIAL CORRESPONDENT  
NEW DELHI  
Every day, more than 1 million new cases of curable sexually transmitted infections (STIs) are detected in people aged 15-49 years, according to latest data released by the World Health Organisation (WHO). This amounts to more than 376 million new cases annually of four infections — chlamydia, gonorrhoea, trichomoniasis and syphilis.  
Dr. Peter Salama, executive director, Universal Health Coverage, WHO, elaborated “We are seeing a concerning lack of progress in stopping the spread of sexually transmitted infections worldwide. This is a wake-up call for a concerted effort to ensure everyone, everywhere, can access the services they need to prevent and treat these debilitating diseases.”  
Published online by the bulletin of the WHO, the research shows that, among men and women aged 15-49 years, there were 127 million new cases of chla-

mydia in 2016; 87 million cases of gonorrhoea; 6.3 million cases of syphilis; and 156 million cases of trichomoniasis.  
These STIs have a profound impact on the health of adults and children worldwide.  
**Harmful impact**  
If untreated, they can lead to serious and chronic health effects that include neurological and cardiovascular disease, infertility, ectopic pregnancy, stillbirths, and increased risk of HIV. They are also associated with significant levels of stigma and domestic violence.  
Syphilis alone caused an estimated 2,00,000 stillbirths and newborn deaths in 2016, making it one of the leading causes of infant mortality globally, WHO said. Timely and affordable testing and treatment are crucial for reducing the burden of STIs globally, alongside efforts to encourage people who are sexually active to get screened for STIs.

## LUKMAAN IAS

ONLINE/OFFLINE ...Lead with Edge...

**25 in Top 100 Rankers in CSE 2018**

### GS FOUNDATION FOR 2020

**TIME- 11 AM - 1:30 PM AT OLD RAJINDER NAGAR**

**FROM 10th JUNE**

**THE LUKMAAN TEAM LED BY S. ANSARI**

**THE MOST COMPREHENSIVE FOUNDATION BATCH CONSISTING OF GS (PRE-CUM-MAINS) + ED CLASSES + TEST SERIES (PRE-MAINS-ESSAY) + WSDP (ADVANCE LEVEL) + INTERVIEW GUIDANCE**

## ETHICS WITH S. ANSARI

**20 IN TOP 100 FROM OUR GS ETHICS PROGRAMS IN CSE 2018**

**The students of Lukmaan IAS have maintained the record of securing among the highest in Ethics GS Paper-IV since 2013 including Arpit (2016-133 Marks) & Arun (2017-112 Marks).**

**ETHICS GS PAPER-IV BY S. ANSARI**

**ETHICS REGULAR BATCH FROM 10TH JUNE**

**ETHICS TEST SERIES FROM 14TH JUNE**

**ETHICS CASE STUDY BATCH FROM 17TH JUNE**

**ETHICS (QIP) FOR 2020 BATCH FROM 21ST JUNE**

**ETHICS ENRICHMENT BATCH AFTER PT RESULT**

**THE HIGHEST MARKS IN CSE 2018**

NAME	RANK	ETHICS MARKS	GS MARKS
MANISHA	33	131	460
NAMRATA	12	125	464
K. V. REDDY	07	121	448
ALOK	41	119	455

## PUBLIC ADMN. FOUNDATION

**AIR 14- THE HIGHEST RANK IN PUBLIC ADMN. IN CSE 2018**

*I am very thankful to the Institute and Anshu Sir for their support during my journey. I started with an average score and gradually improved with inputs from Anshu sir and I have scored nearly same what I scored at the academy during my test series. The Institute has really helped me in broadening my outlook and improve my approach in answering questions. I shall always be grateful to Lukmaan IAS.*

**AIR 14 CSE-2018**

**MARKS IN PUBLIC ADMN. 314**

**ANKITA CHOUDHARY**

**The students of Lukmaan IAS have maintained the record of securing the highest in Public Admn. Optional since 2011.**

**PA MAINS TEST SERIES FOR MAINS 2019: 15TH JUNE**

**PA ENRICHMENT BATCH FOR MAINS 2019: 17TH JUNE**

**PA FOUNDATION FOR 2020: 07TH OCT.**

**PA QIP FOR 2020: 15TH JUNE**

Abhilash Mishra (AIR - 05 CSE 2016) secured 334 Marks which is since 2013 still the highest in Public Admn. optional. We expect this record to be broken by one of the upcoming Lukmaan's students.

NAME	RANK	MARKS	YEAR
ANJU	272	333	2018
PURNA BORAH	149	311	2017
ABHILASH MISHRA	05	334	2016
ASHWINI PANDAY	34	267	2015
TUSHAR SINGLA	86	287	2014
UDITA SINGH	46	231	2013
PRINCE DHAWAN	03	394	2011

## MAINS TEST SERIES 2019

**GS MAINS TEST SERIES FROM : 16TH JUNE**

**ESSAY TEST SERIES FROM : 21ST JUNE**

**STRATEGY SESSION BY S. ANSARI - ON 13TH JUNE**

**STRATEGY SESSION BY S. ANSARI & PROF. MUJTABA HUSSAIN - ON 14TH JUNE**

### OPTIONAL SUBJECTS

<b>HISTORY</b> REGULAR BY: R.S CHAUHAN / HARI MOHAN	<b>17TH JUNE</b>	<b>SOCIOLOGY</b> REGULAR BY: PROF. MUJTABA HUSSAIN / PRASHANT KAUSHIK	<b>17TH JUNE</b>
<b>LAW</b> REGULAR BY: ADITYA TIWARI	<b>24TH JUNE</b>	<b>GEOGRAPHY</b> REGULAR BY: DR. G.R PATIL	<b>17TH JUNE</b>

**TEST SERIES FOR THESE OPTIONALS FROM 14TH & 15TH JUNE**

**SOCIOLOGY ENRICHMENT BATCH : 12TH JUNE & TEST SERIES BY PROF. MUJTABA HUSSAIN.**

**EDITORIAL DISCUSSION (CURRENT AFFAIRS) CLASSES**  
ED IS BASED ON HARD WORK. IT IS NOT FOR SHORT-CUT

**RANKS BENEFITTED FROM ED NOTES & CLASSES**

- Most of 170+ qualified in CSE 2018
- AIR - 56 & AIR - 495 in 2017
- AIR - 05 & AIR - 07 in 2016

**100 TOPICS CURRENT AFFAIRS For Mains 2019 after PT result (Based on ED Classes)**

**GS WSDP FOR MAINS 2019**  
(Writing Skill Development Program)  
**For All Paper-I, II, III & IV From 12TH JUNE**

## सभी कोर्स हिंदी माध्यम में भी उपलब्ध

OLD RAJINDER NAGAR CENTRE	MUKHERJEE NAGAR CENTRE	BHOPAL CENTRE
15, GROUND FLOOR (OPP. MOTHER DAIRY), DELHI - 60 ☎011-45696019 & 8506099919	871, FIRST FLOOR (OPP. BATRA CINEMA), DELHI - 09 ☎011-41415591 & 7836816247	S-05, SANCHI COMPLEX, SHIVAJI NAGAR, BHOPAL - 16 ☎9111409919

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