

DAILY PT POINTERS

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IIA finds proof of interaction between radio jet, interstellar gas

The Hindu Bureau
BENGALURU

Researchers from the Indian Institute of Astrophysics (IIA) have found evidence of an interaction between a radio jet emitted from a special kind of galaxy called Active Galactic Nuclei (AGN) and the surrounding interstellar medium. This interaction

The Department of Science and Technology said this finding challenges the hypothesis that only large and massive galaxy jets which regulate star formation host AGN powered by massive black holes.

IIA researchers, combining data from radio to X-ray wavebands from the galaxy NGC 4395, observed evidence for such an interaction

author and a Ph.D student at IIA.

“We used data from multiple ground and space-based telescopes such as Chandra for X-ray data, Gemini-North and Hubble Space Telescope for optical data, Gemini-North for infrared observations, ALMA for submillimeter observations, and the Very Large Array for radio

- Researchers from the Indian Institute of Astrophysics (IIA) have found evidence of an interaction between a radio jet emitted from a special kind of galaxy called Active Galactic Nuclei (AGN) and the surrounding interstellar medium. This interaction has been detected for the first time in a dwarf galaxy situated at a distance of about 14 million light years.
- A radio jet is material that is spewed from the centre of some galaxies almost at the speed of light and sends out strong radio waves.
- The Department of Science and Technology said this finding challenges the hypothesis that only large and massive galaxy jets which regulate star formation host AGN powered by massive black holes.
- IIA researchers, combining data from radio to X-ray wavebands from the galaxy NGC 4395, observed evidence for such an interaction at the scale of 10 parsecs, or about 30 light years, around the black hole at the centre of this galaxy.

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U.K. backs permanent seat in UNSC for India

Press Trust of India

LONDON

British Prime Minister Keir Starmer joined the leaders of the U.S. and France in backing India's bid for a permanent seat on the UNSC to make it a more representative body that is not "paralysed by politics".

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pan and Germany, the U.K. also made a pitch for more seats for elected members of the Security Council.

"So we will make the case not just for fairer outcomes, but fairer representation in how we reach them; and this also applies to the Security Council. It has to change to become a more representative body,

- British Prime Minister Keir Starmer joined the leaders of the U.S. and France in backing India's bid for a permanent seat on the UNSC to make it a more representative body that is not "paralysed by politics".
- During his speech at the UN General Assembly (UNGA) on Thursday, Mr. Starmer called for reforms to ensure the global multilateral system is "more representative and more responsive". Besides permanent representation for India, Africa, Brazil, Japan and Germany, the U.K. also made a pitch for more seats for elected members of the Security Council.

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BRICS significant for multipolarity, global diversity: Jaishankar

Sriram Lakshman
NEW YORK

External Affairs Minister S. Jaishankar met with his BRICS counterparts to affirm its role in a multipolar world. The meeting took place on the sidelines of the 79th session of the United Nations General Assembly (UNGA).

and strengthening development, the Minister said. They also discussed the Sustainable Development Goals, debt, fair trade, and poverty alleviation, according to Mr. Jaishankar.

Different aspects

Asked earlier this week at the Asia Society Policy In-

- External Affairs Minister S. Jaishankar met with his BRICS counterparts to affirm its role in a multipolar world. The meeting took place on the sidelines of the 79th session of the United Nations General Assembly (UNGA).
- “Underlined its significance for multi-polarity and global diversity,” Mr. Jaishankar said on social media site X.
- The group, originally comprising Brazil, Russia, India, China, and South Africa, expanded at the start of this year to include Egypt, Ethiopia, Iran, and the UAE. Thursday’s meeting was convened by Brazilian Foreign Minister Mauro Vieira.
- The group focused on reforming multilateralism and strengthening development, the Minister said. They also discussed the Sustainable Development Goals, debt, fair trade, and poverty alleviation, according to Mr. Jaishankar.

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GST Council sets up GoM on compensation cess

Press Trust of India
NEW DELHI

The Goods and Services Tax (GST) Council has set up a 10-member Group of Ministers chaired by Minister of State for Finance Pankaj Chaudhary, to decide on the taxation of luxury, sin and demerit goods once the compensation cess ends in March 2026.

The GoM, includes members from Assam, Chhattisgarh, Gujarat, Karnataka, Madhya Pradesh, Punjab, Tamil Nadu, Uttar Pradesh and West Bengal. It will submit its report by December 31.



Pankaj Chaudhary

In the GST regime, compensation cess at varied rates is levied on luxury, sin and demerit goods over and above the 28% tax. The proceeds from the cess, which was originally planned for five years after

GST roll-out or till June 2022, were used to compensate states for revenue loss incurred by them post the introduction of GST.

Loan repayment

In 2022, the Council decided to extend the levy till March 2026 to repay ₹2.69 lakh crore worth loan taken in FY21 and FY22 to make good States' revenue loss during Covid years.

With just one-and-a-half year remaining for the cess to end, the GST Council in its 54 meeting on September 9 decided to set up a GoM to decide the future course of the cess.

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HEADLINES OF THE DAY

PIB –IR(GSII)

India and Republic of Uzbekistan sign Bilateral Investment Treaty in Tashkent

BIT assures appropriate protection to Uzbekistan investors in India and Indian investors in the Republic of Uzbekistan, in light of relevant international precedents and practices

Posted On: 27 SEP 2024 3:51PM by PIB Delhi

The Bilateral Investment Treaty (BIT) between the Government of the Republic of India and the Government of Republic of Uzbekistan was signed by Union Minister for Finance and Corporate Affairs Smt. Nirmala Sitharaman and H.E. Mr. Khodjayev Jamshid Abdulkhakimovich, Deputy Prime Minister of Uzbekistan, today, at Tashkent.



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- The BIT between India and Uzbekistan assures appropriate protection to Uzbekistan investors in India and Indian investors in the Republic of Uzbekistan, in light of relevant international precedents and practices. It will increase the comfort level and boost the confidence of investors by assuring a minimum standard of treatment and non-discrimination, while providing for an independent forum for dispute settlement through arbitration.

HEADLINES OF THE DAY

PIB-Economy(GSIII)

Ministry of Tourism

World Tourism Day 2024

Tourism and Peace

Posted On: 27 SEP 2024 6:43PM

INTRODUCTION

Cuisines, culture, people, and heritage have long been essential in shaping economies and societies, making tourism a key driver of any country's development. It is crucial in fostering global understanding, creating jobs, and driving inclusive growth. To make India a global travel destination, India has set an ambitious target of a USD 3 trillion tourism economy by 2047.

The theme for World Tourism Day 2024, 'Tourism and Peace,' emphasizes the vital connection between tourism and peacebuilding. It emphasizes how travel, cultural exchange, and sustainable tourism practices can contribute to conflict resolution, reconciliation, and the promotion of global peace.



**WORLD
TOURISM
DAY 2024**
**TOURISM
AND PEACE**

- Tourism plays a crucial role in shaping economies and societies, contributing to global understanding, job creation, and inclusive growth. India aims to achieve a USD 3 trillion tourism economy by 2047.
- World Tourism Day, celebrated on September 27, marks the adoption of the UNWTO's statutes in 1970, focusing on tourism's impact on international cooperation and sustainable development. The 2024 theme, "Tourism and Peace," highlights the relationship between tourism, cultural exchange, and peacebuilding. Georgia will host the event, showcasing its cultural heritage and commitment to sustainable tourism.

HEADLINES OF THE DAY



Air-IR(GSII)

India Climbs To 39th Rank In Global Innovation Index 2024



- India has risen to 39th position among 133 global economies in the Global Innovation Index 2024. Prime Minister Narendra Modi has termed this as a remarkable feat. In a social media post, Mr Modi said the government is committed to ensuring a vibrant innovation ecosystem, which can transform the lives of the youth.
- India has climbed from 81st in 2015 to 39th in 2024 among 133 economies. In the Global Innovation Index, India is the first among ten economies in Central and Southern Asia. It is also the first among lower-middle-income economies.
 - The Global Innovation Index (GII) is published by the World Intellectual Property Organization (WIPO), a specialized agency of the United Nations.
 - The Index is a ranking of the innovation capabilities and results of world economies. It measures innovation based on criteria that include institutions, human capital and research, infrastructure, credit, investment, linkages; the creation, absorption and diffusion of knowledge; and creative outputs.