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# Daily News Analysis

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**Tuesday, 30 July 2024**

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 **RACE4Job**

 **www.race4job.com**

 **raceinstitute@gmail.com**

 **Chaitanyapuri, Dilsukhnagar, Ameerpet, KPHB,  
Himayathnagar, Hastinapuram, Secunderabad**



**DR.G.S.GIRIDHAR SIR**



**Tuesday, 30 July 2024**

## **Manu Bhaker: First Indian Woman to Win Olympic Medal in Shooting**

- Manu Bhaker made history by becoming the first Indian woman shooter to win an Olympic medal.
- She secured a bronze medal in the women's 10m air pistol event at the Paris Olympics, finishing just 0.1 points behind Kim Yeji, who took the silver, while Oh Ye Jin of Korea won the gold. This achievement also marked India's first Olympic medal in the ongoing games.
- The last time an Indian woman shooter reached an Olympic final was in 2004, when Suma Shirur competed in the 10m air rifle event at the Athens Olympics. Manu Bhaker, a nine-time World Cup medallist, is only the fifth Indian shooter to win an Olympic medal, joining the ranks of Rajyavardhan Singh Rathore (Silver, Athens 2004), Abhinav Bindra (Gold, Beijing 2008), Gagan Narang (Bronze, London 2012), and Vijay Kumar (Silver, London 2012).
- **Manu Bhaker: Key Achievements**
- **Youth Olympic Games:** Gold Medal in 10m Air Pistol at the 2018 Youth Olympic Games in Buenos Aires, Argentina. First Indian shooter to win gold at the Youth Olympics.
- **Commonwealth Games:** Gold Medal in 10m Air Pistol at the 2018 Commonwealth Games in Gold Coast, Australia.

**Q.** Who became the first Indian woman shooter to win an Olympic medal and secured a bronze in the women's 10m air pistol event at the Paris Olympics? **Manu Bhaker.**



**Tuesday, 30 July 2024**

## **Sri Lanka Lifts Women's T20 Asia Cup, Defeating India by 8 Wickets**

- Sri Lanka Women's Cricket Team won their first-ever T20 Asia Cup by defeating India by 8 wickets in the final held in Dambulla. Chasing a target of 166 set by India, the Sri Lankan team, led by captain Chamari Athapaththu, put on a stellar performance with key contributions from Harshita Samarawickrama and Kavisha Dilhari.
- Key Performers:
  - Player of the Match: Harshita Madavi
  - Player of the Series: Chamari Athapaththu (Sri Lankan Captain)
- Contextual Significance:
  - Historical Achievement: First T20 Asia Cup win for Sri Lanka Women.
- Key Players:
  - Chamari Athapaththu: Captain and Player of the Series.
  - Harshita Madavi: Player of the Match in the final.

**Q.** Which team won their first-ever Women's T20 Asia Cup by defeating India by 8 wickets in the final held in Dambulla? **Sri Lanka**



**Tuesday, 30 July 2024**

## **UNESCO Adds 25 New Sites to World Heritage List During 46th World Heritage Committee Session**

- UNESCO has added 25 new landmark sites to the World Heritage List during the 46th World Heritage Committee Session held at Bharat Mandapam in New Delhi. Additionally, two major boundary modifications were formalized by the Committee.
- Categories:
  - Cultural Heritage Sites: 19
  - Natural Heritage Sites: 4
  - Mixed Category Sites: 2
- Key Sites Inscribed:
  - Japan: Sado Island Gold Mines
  - Thailand: Phu Phrabat Historical Park
  - South Africa: Nelson Mandela Legacy Sites for Human Rights, Liberation, and Reconciliation
  - Italy: Via Appia
  - China: Beijing Central Axis
- India's Contribution:
  - New Site: Moidams of Assam
  - Significance: Moidams is India's 43rd World Heritage Site, propelling India to the 6th position globally for the most number of World Heritage Properties.

**Q.**How many new sites did UNESCO add to the World Heritage List during the 46th World Heritage Committee Session held in New Delhi? **25 new sites**



**Tuesday, 30 July 2024**

## **President Droupadi Murmu Appoints New Governors for Nine States**

- President Droupadi Murmu has appointed new Governors for nine states and a new Lieutenant Governor for Puducherry. Additionally, Assam Governor Lakshman Prasad Acharya has been given the additional charge for Manipur.
- Key Appointments:
  1. Rajasthan: Haribhau Kisanrao Bagde (Former Maharashtra Assembly Speaker)
  2. Telangana: Jishnu Dev Varma (Former Tripura Deputy Chief Minister)
  3. Jharkhand: Santosh Kumar Gangwar (Former Union Minister)
  4. Chhattisgarh: Ramen Deka (Former Lok Sabha MP from Assam)
  5. Meghalaya: CH Vijayashankar (Former Karnataka Minister)
  6. Maharashtra: CP Radhakrishnan (Previously Governor of Jharkhand)
  7. Punjab: Gulab Chand Kataria (Assam Governor, also appointed as Administrator of the Union Territory of Chandigarh)
  8. Assam: Lakshman Prasad Acharya (Sikkim Governor, additional charge as Governor of Manipur)
  9. Sikkim: Om Prakash Mathur (Former Rajya Sabha MP)
  10. Puducherry: K Kailashnathan (Former IAS officer, appointed as Lieutenant Governor)

**Q.** Who has been appointed as the new Governor of Puducherry by President Droupadi Murmu? **K Kailashnathan.**



Tuesday, 30 July 2024

## Iran's President Pezeshkian Announces Key Appointments, Names First Vice President

- Iran's President Masoud Pezeshkian, whose election received endorsement from Supreme Leader Seyyed Ali Khamenei, has begun appointing key officials to his administration.
- First Vice President: Mohammad Reza Aref, a former minister who previously served as First Vice President under President Mohammad Khatami (2001-2005) and as Telecommunications Minister during Khatami's first term (1997-2001). Aref is 72 years old.
- Chief of Staff: Mohsen Haji-Mirzaei, former Minister of Education under President Hasan Rouhani (2017-2019).
- **Iran:**
  - Capital: Tehran
  - Official language: Persian
  - Supreme leader: Ali Khamenei
  - Currency: Iranian rial

**Q.** Who has been appointed as the First Vice President by Iran's President Masoud Pezeshkian? **Mohammad Reza Aref**



**Tuesday, 30 July 2024**

## **South Korea, US, and Japan Formalize Trilateral Security Cooperation**

- The defense chiefs of South Korea, the United States, and Japan have signed a document formalizing the Trilateral Security Cooperation Framework (TSCF), reinforcing their commitment to joint security efforts in response to North Korean threats.
- Agreement Details: The Memorandum of Cooperation was signed in Tokyo, emphasizing the three nations' united stance against North Korea's nuclear and missile provocations and its increasing military ties with Russia.
- Significance: This document is the first to institutionalize trilateral security cooperation among the defense authorities of the three countries. It outlines principles for high-level policy consultations, information sharing, and joint military exercises.
- Key Provisions:
  - Enhanced cooperation on real-time sharing of North Korean missile data.
  - Regular joint drills, including the multidomain Freedom Edge exercise, as part of a multiyear plan.

**Q.** Which document formalizing trilateral security cooperation against North Korean threats was signed by South Korea, the US, and Japan? **The Trilateral Security Cooperation Framework (TSCF)**



**Tuesday, 30 July 2024**

## **South Korea's Science Ministry Chooses Four Global Research Projects for Collaboration**

- South Korea's Ministry of Science and ICT has selected four joint science research projects with leading global research institutes for support over the next decade.
- Selected Projects:
  - 1. Rare Isotope Technologies: Collaboration between Seoul's Institute for Basic Science and Tokyo's National Research and Development Agency, utilizing the RAON heavy-ion accelerator developed by South Korea.
  - 2. Hydrogen Technologies: Joint research by Seoul National University and Stanford University in the US.
  - 3. Autonomous Driving Technologies: Creation of an advanced lab for testing autonomous driving technologies, involving the Korea Advanced Institute of Science and Technology and the Massachusetts Institute of Technology (MIT).
  - 4. Pandemic Vaccine and Treatment Development: Partnership between the Korea Research Institute of Chemical Technology and Belgium's Rega Institute for Medical Research to develop vaccines and treatments for pandemic-causing viruses.

Q. Which South Korean research institute is collaborating with Tokyo's National Research and Development Agency on rare isotope technologies? **Seoul's Institute for Basic Science**





Tuesday, 30 July 2024

## Dr. S. Sridhar Inducted as Fellow of the Royal Society of Chemistry, London

- Dr. Sundergopal Sridhar, a Chemical Engineer and Chief Scientist at CSIR Indian Institute of Chemical Technology, Hyderabad, has been admitted as a Fellow of the Royal Society of Chemistry (FRSC), London.
- Contributions:
- Water Purification: Designed and installed over 75 water purification plants for 5 million people affected by water-borne diseases in 10 Indian states.
- Medical-Grade Water: Developed a system for ultrapure water for dialysis, benefiting over 2 lakh patients.
- Atmospheric Water Generator: Created units to produce drinking water from air humidity for water-scarce regions.
- COVID-19 Response: Designed low-cost washable masks for 6 lakh people, generating Rs 2 Cr revenue and employing 500 senior citizens and women's self-help groups.

Q. Who has been recently inducted as a Fellow of the Royal Society of Chemistry, London, and is recognized among the Top 2% of Scientists worldwide? **Dr. Sundergopal Sridhar.**



Tuesday, 30 July 2024

## Former Nilgiris BJP MP Master Mathan Passes Away At 91

- Master Mathan, a former BJP MP from the Nilgiris constituency, passed away at the age of 91. Mathan, also known as M. Mathan, served as a Member of Parliament for two terms, from 1998 to 2004.
- He represented the Nilgiris constituency, which is reserved for Scheduled Castes. During his tenure, he was known for his significant contributions to the region and his efforts to support the Badaga community, one of the largest ethno-linguistic groups in the Nilgiris.
- Master Mathan's political career included victories in the 1998 and 1999 general elections, and he is remembered for his efforts to improve the infrastructure and social services in his constituency.
- He had previously contested and lost elections in 1991 and 1996 before his consecutive wins in the subsequent years.

Q. Which former BJP MP from the Nilgiris constituency, who served from 1998 to 2004, recently passed away at the age of 91? **Master Mathan**



**Tuesday, 30 July 2024**

## **IIT Kanpur, NPTI to boost cyber security for critical power infra**

- To enhance cyber security for critical power infrastructure, the Indian Institute of Technology, Kanpur (IIT-K) and the National Power Training Institute (NPTI) have announced a collaboration aimed at strengthening research and training capabilities.
- This partnership will focus on developing a detailed project report (DPR) for establishing a state-of-the-art cyber security lab at NPTI, specializing in Operations Technology (OT) and Supervisory Control and Data Acquisition (SCADA) systems.
- Unlike traditional IT systems, OT and SCADA systems are integral to the operations of power distribution, generation, and transmission utilities, making their cyber security crucial. The new lab will be equipped with the most common components used in OT systems across Indian utilities, marking a significant step towards bolstering the cyber security framework of India's power grid.

**Q.** Which two institutions have partnered to enhance cyber security for India's critical power infrastructure by developing a state-of-the-art cyber security lab specializing in OT and SCADA systems? **IIT Kanpur, NPTI**




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 raceinstitute@gmail.com

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Himayathnagar, Hastinapuram, Secunderabad



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