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July
MockDrill100
PDF No. 6

(PDF in English)



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An important message from Team Smartkeeda

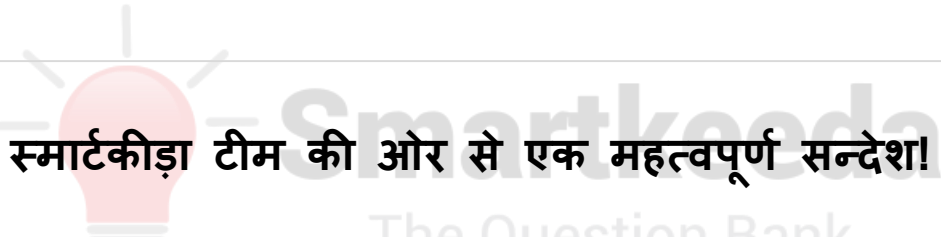
Hi Folks! We hope you all are doing well. We would like to state here that this PDF is meant for preparing for the upcoming MockDrill Test of July 2021 Month at Testzone. In this Current Affairs PDF we have added all the important Current Affairs information in form of 'Key-points' which are crucial if you want to score a high rank in Current Affairs Mocks at Testzone. Therefore, we urge you to go through each piece of information carefully and try to remember the facts and figures because the questions to be asked in the Current Affairs MockDrill will be based on the information given in the PDF only.

We hope you will make the best of use of this PDF and perform well in MockDrill Tests at Testzone.

All the best!

Regards

Team Smartkeeda



स्मार्टकीड़ा टीम की ओर से एक महत्वपूर्ण सन्देश!

मित्रों! हम आशा करते हैं की आप सभी स्वस्थ और कुशल होंगे। इस सन्देश के माध्यम से हम आपसे यह कहना चाहते हैं की ये PDF जुलाई 2021 माह में Testzone पर होने वाले MockDrill Test में आपकी तैयारी को बेहतर करने के लिए उपलब्ध करायी जा रही है। इस PDF में हमने कुछ अति आवश्यक 'Key-Points' के माध्यम से आपको सम-सामयिकी (Current Affairs) सूचनाओं से अवगत कराया है और अगर आप MockDrill में अपनी योग्यता सिद्ध करना चाहते हैं तो आपके लिए हर सूचना को पढना, समझना और उसे याद रखना भी अति आवश्यक है क्योंकि MockDrill में शामिल किए गए प्रश्न PDF में दी गयी सूचना या जानकारी पर ही आधारित होंगे।

हम आशा करते हैं की आप इस PDF का भरपूर लाभ उठाते हुए आने वाले MockDrill Test में बेहतर अंक प्राप्त करेंगे।

आभार,

टीम स्मार्टकीड़ा



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National & States Affairs

501. Indian Oil Corporation Ltd (IOCL) is all set to build India's first Green Hydrogen plant with 1 tonne per day capacity at Mathura Refinery to meet the growing energy needs. It will add 25 million tonnes (mt) of refining capacity by 2023-24. [{Read more}](#)

Key Points:

- IOCL – to build India's first Green Hydrogen plant – at Mathura, UP (Capacity - 1 tonne per day)
- HQs of IOCL – New Delhi | Chairperson – Shrikant Madhav Vaidya | Founded in – 1959

502. On July 20, Odisha CM Naveen Patnaik launched the "Subarnarekha Irrigation Project" (SIP) through video conference. Mayurbhanj will be the first in India to provide pipe water to all households. By January 2024, the Subarnarekha project is likely to create irrigation potential of 70,000 hectares in Mayurbhanj district. [{Read more}](#)

Key Points:

- Odisha – launched the "Subarnarekha Irrigation Project" (SIP)
- Mayurbhanj – the 1st in India to provide pipe water to all households
- Subarnarekha project is likely to create irrigation potential of 70,000 hectares in Mayurbhanj – by Jan 2024
- Odisha: Capital – Bhubaneswar | CM – Naveen Patnaik | Governor – Ganeshi Lal

503. On July 20, The 155-km-long corridor is being constructed on National Highway 709B. It will start from Akshardham Mandir in Delhi and end at Saharanpur in Uttar Pradesh. [{Read more}](#)

Key Points:

- 155-km-long corridor is being constructed on "NH 709B"
- It starts from Akshardham Mandir (New Delhi) & end at Saharanpur (Uttar Pradesh)

504. On July 16, Mumbai-based EV solutions provider Magenta has announced setting up of India's largest public EV charging station in Navi Mumbai as part of its plans to provide 4,000 charging facilities by March, 2022. [{Read more}](#)

Key Points:

- Magenta – to set up India's largest public EV charging station in Navi Mumbai, Maharashtra
- Magenta aims to provide 4,000 charging facilities – by March, 2022
- HQs of Magenta Group – Navi Mumbai, MH | Chairman – Kiran Patel

505. On July 19, To manage hearing loss in newborn and young children, Punjab has become the first state in India to launch "SOHUM" - Automated Auditory Brainstem Response System (AABR) under universal newborn hearing screening programme. [{Read more}](#)



Key Points:

- Punjab – became the 1st state in India to launch “SOHUM” - Automated Auditory Brainstem Response System (AABR)
- Punjab: Capital – Chandigarh | CM – Captain Amarinder Singh | Governor – V. P. Singh Badnore

506. On July 17, The long-winding and cumbersome nomenclature ‘Common High Court of UT of Jammu and Kashmir and UT of Ladakh’ has been changed to ‘High Court of Jammu and Kashmir and Ladakh’. President Ram Nath Kovind has signed the “Jammu and Kashmir Reorganisation (Removal of Difficulties) Order, 2021” to effect the change. [{Read more}](#)

Key Points:

- ‘Common High Court of UT of J&K and UT of Ladakh’ – changed to ‘High Court of J&K and Ladakh’
- Chief Justice of High Court of J&K and Ladakh – Justice Pankaj Mithal
- J & K: Capital – Srinagar | Lt. Governor – Manoj Sinha
- Ladakh: Capital – Leh | Lt. Governor – R K Mathur

507. On July 21, Life Insurance Corporation (LIC) has launched a new health insurance plan called “Arogya Rakshak”. It is a non-linked, non-participating, regular premium and individual health insurance plan. The cover period will be available for principal insurers, spouses and parents up to 80 years and for children up to 25 years. [{Read more}](#)

Key Points:

- LIC – launched a new health insurance plan called “Arogya Rakshak”
- HQs of LIC – Mumbai | Chairman – M. R. Kumar | Founded in – 1956 | Tagline – “Yogakshemam Vahamyaham”

508. On July 21, The Union government has decided to set up the Indian Institute of Heritage in Noida, Uttar Pradesh, an umbrella body under which all heritage institutes in the country will operate. It will be a world-class university and will focus on conservation of India’s rich tangible heritage and research, development and dissemination of knowledge. [{Read more}](#)

Key Points:

- “Indian Institute of Heritage” a world-class university – to be set up in Noida, Uttar Pradesh
- UP: Capital – Lucknow | CM – Yogi Adityanath | Governor – Anandiben Patel

509. On July 16, LegitDoc, a blockchain startup, is helping the Government of Maharashtra implement the world’s largest blockchain-powered “Educational Credentialing System” by issuing nearly 1 million tamper-proof diploma certificates. Now, the Government of Maharashtra (India) becomes only the 4th government entity in the world to achieve this remarkable feat after Malta, Singapore and Bahrain. [{Read more}](#)



Key Points:

- LegitDoc – helping Maharashtra implement world’s largest blockchain-powered “Educational Credentialing System”
- Maharashtra (India) – 4th government entity in the world to implement this system
- Maharashtra: CM – Uddhav Thackeray | Governor – Bhagat Singh Koshyari

510. On July 19, The new rail line between Jaynagar in Bihar’s Madhubani district and Kurtha in Dhanusa district of Nepal has been completed and a trial run was conducted with a High-Speed Train at the 34.50 km-long section. The railway line was completed at a cost of ₹619 Cr. It has been set up by IRCON (Indian Railway Construction Ltd). [{Read more}](#)

Key Points:

- India conducted a trial run with a High-Speed Train – between Jaynagar (Bihar) & Kurtha (Dhanusa, Nepal)
- It is set up by – IRCON
- Nepal – Kathmandu – Nepalese Rupee | President – Bidhya Devi Bhandari | PM – Sher Bahadur Deuba

511. On July 20, The Department of Animal Husbandry and Dairying (DAHD) has set up a “Dairy Investment Accelerator” under its Investment Facilitation Cell to offer investors specific inputs for evaluation of opportunities, giving information about government schemes and connecting with strategic partners. India is the largest milk producer contributing 23% of global milk production. It would also generate awareness about the ₹15,000 Cr Animal Husbandry Infrastructure Development fund (AHIDF) to support entrepreneurs, private companies, MSME, Farmers Producers Organisations (FPOs) and Section 8 (charitable) companies. [{Read more}](#)

Key Points:

- Department of Animal Husbandry & Dairying – set up a “Dairy Investment Accelerator”
- Outlay of Animal Husbandry Infrastructure Development fund (AHIDF) – ₹15,000 Cr
- India – largest milk producer in the world | contributing 23% of Global Milk Production

512. On July 21, In Madhya Pradesh, Gwalior and Orchha cities have been selected by UNESCO under “Historic Urban Landscape Project”, which was started in the year 2011, for the inclusive and well-planned development of fast-growing historical cities while preserving the culture and heritage. Six cities of South Asia, including Ajmer and Varanasi in India are already involved in this project. Orchha and Gwalior have been included as the 7th and 8th cities. [{Read more}](#)

Key Points:

- Gwalior & Orchha (Madhya Pradesh) – selected by UNESCO under “Historic Urban Landscape Project”
- Historic Urban Landscape Project – started in 2011
- HQs of UNESCO – Paris, France | Director-General – Audrey Azoulay | Founded in – 1945
- Madhya Pradesh: Capital – Bhopal | CM – Shivraj Singh Chouhan | Governor – Mangubhai Chhaganbhai Patel



513. On July 19, Banking and financial services major Goldman Sachs has opened a new facility in Hyderabad as part of its commitment to expand its Global Centre for engineering and business innovation in India. [{Read more}](#)

Key Points:

- Goldman Sachs – opened a new facility to expand its Global Centre in Hyderabad, Telangana
- HQs of Goldman Sachs – New York, USA | CEO – David M. Solomon
- Telangana: Capital – Hyderabad | CM – K. Chandrashekar Rao | Governor – Tamilisai Soundararajan

514. Bihar Agriculture University (BAU) has prepared a “Digital Fertility Map” by collecting more than 2,500 soil samples from across Kishanganj district of Bihar. Similar maps of 3 other districts - Supaul, Khagaria and Purnia, too are being readied and are expected to go online soon. [{Read more}](#)

Key Points:

- Kishanganj (Bihar) – received a “Digital Fertility Map”
- Bihar: Capital – Patna | CM – Nitish Kumar | Governor – Phagu Chauhan

515. On July 19, Meghalaya cabinet has approved the “Meghalaya Youth Policy 2021”. The policy aims to address major issues and concerns of the youth based on 9 identified key thrust areas that include Education, Health & Wellbeing, Counselling & Mentoring, Employment Skill Development & Entrepreneurship, Sports, Cultural & creative industries, Engagement & Leadership, Inclusion and Environmental Consciousness. [{Read more}](#)

Key Points:

- Meghalaya – approved the “Youth Policy 2021”
- Meghalaya: Capital – Shillong | CM – Conrad Kongkal Sangma | Governor – Satya Pal Malik

516. On July 18, 5 km from the Kottarakkara town in Kollam district, in the small Kerala village, Perumkulam has become Kerala’s first village of books. [{Read more}](#)

Key Points:

- Perumkulam – became the first Book Village of Kerala
- Kerala: Capital – Thiruvananthapuram | CM – Pinarayi Vijayan | Governor – Arif Mohammad Khan

517. On July 20, HDFC ERGO General Insurance has launched “Optima Secure”, a new health indemnity health insurance product that seeks to redefine the value customers can get from their insurance plan. The product has the Secure, Plus, Protect, and Restore benefits built-in. [{Read more}](#)

Key Points:

- HDFC ERGO General Insurance – launched “Optima Secure” Health Policy
- HQs of HDFC ERGO General Insurance – Mumbai, MH | CEO – Ritesh Kumar



518. To provide common people access to judicial proceedings, the Gujarat High Court has become the 1st court of India to formally start live streaming of proceedings on its YouTube channel. [{Read more}](#)

Key Points:

- Gujarat HC – 1st court of India to formally start live streaming of proceedings on its YouTube channel
- Chief Justice of Gujarat High Court – Vikram Nath
- Gujarat: Capital – Gandhinagar | CM – Vijay Rupani | Governor – Acharya Devvrat

519. On July 22, The Kerala government has removed the upper age limit for transgender students seeking admission to various courses in the State universities and its affiliated arts and science colleges. Kerala was the first State in India to announce a transgender policy in 2015. [{Read more}](#)

Key Points:

- Kerala – removed the upper age limit for Transgender Students seeking admission to various courses
- Kerala: Capital – Thiruvananthapuram | CM – Pinarayi Vijayan | Governor – Arif Mohammad Khan

520. On July 22, Microsoft is in discussions with the Telangana government on a proposal for setting up one of its largest Data Centres with an investment outlay of about \$2 to \$2.25 billion in Hyderabad. Microsoft India Development Centre was set up in 1998 in Hyderabad. [{Read more}](#)

Key Points:

- Microsoft – plans to set up one of its largest 'Data Centre' in Hyderabad (Outlay - about \$2 to \$2.25 billion)
- HQs of Microsoft – Washington, USA | Chairman – Satya Nadella | Founded in – 1975
- Telangana: Capital – Hyderabad | CM – K. Chandrashekar Rao | Governor – Tamilisai Soundararajan

521. On July 20, NSE Foundation in partnership with the NITI Aayog and UNICEF, has launched a programme called "Project CAVACH" (COVID-19 and Vaccination Assistance Campaign for Health) in 5 Aspirational districts of India to spread awareness on COVID-19 vaccination. [{Read more}](#)

Key Points:

- NSE Foundation + NITI Aayog + UNICEF = launched "Project CAVACH" in 5 Aspirational districts
- Location of NSE Foundation – Mumbai, Maharashtra
- HQs of NITI Aayog – New Delhi | CEO – Amitabh Kant
- Chairperson – Narendra Modi | Vice Chairperson – Rajiv Kumar
- HQs of UNICEF – New York, USA | Executive Director – Henrietta H. Fore | Established in – 1946

522. On July 23, In Andhra Pradesh, the fort at Gandikota was identified for development under the Centrally-sponsored "Adopt a Heritage" programme and three monuments - Nagarjuna Konda in Guntur district, the Buddhist in Srikakulam district and Veerabhadra temple in Anantapur district have been identified for development under "Adarsh Smarak" scheme. [{Read more}](#)



Key Points:

- A fort at Gandikota (AP) – identified for development under the Centrally-sponsored “Adopt a Heritage” programme
- Nagarjuna Konda, Buddhist, Veerabhadra temple – identified for development under “Adarsh Smarak” scheme
- Andhra Pradesh: Capital – Amravati (LC), Visakhapatnam (EC) & Kurnool (JC)
- CM – YS Jaganmohan Reddy | Governor – Biswabhusan Harichandan

523. On July 20, Shri Vikram Sahay (Joint Secretary in the Ministry of Information and Broadcasting) has addressed a webinar on “Digital Media Ethics Code” organized by the Ministry of Information & Broadcasting. Ministry of Information & Broadcasting has received information from over 1,800 publishers. [{Read more}](#)

Key Points:

- Vikram Sahay – addressed a webinar on “Digital Media Ethics Code” – organised by Ministry of I&B
- Ministry of Information & Broadcasting – Anurag Singh Thakur | Constituency – Hamirpur, Himachal Pradesh

International Affairs

524. On July 18, China has reported its first human infection with Monkey B Virus (BV) and subsequent death. A Beijing-based veterinary surgeon was infected with the virus after he dissected two dead monkeys. [{Read more}](#)

Key Points:

- China – reported its first human infection with Monkey B Virus (BV) & subsequent death
- China – Beijing – Renminbi | President – Xi Jinping

525. On July 22, China has unveiled the World’s fastest Maglev Train capable of a top speed of 600 kph. Using Electromagnetic force, the maglev train levitates above the track with no contact between body and rail. [{Read more}](#)

Key Points:

- China – unveiled the World’s fastest Maglev Train capable of a top speed of 600 kph
- China – Beijing – Renminbi | President – Xi Jinping

526. On July 21, Taiwan will set up its first office in Europe nation Lithuania using the name “Taiwan”, drawing a rebuke from China and praise from the US as its seeks to strengthen its diplomatic presence around the globe in the face of pressure from Beijing. [{Read more}](#)



Key Points:

- Taiwan – will set up its first office in Lithuania using the name “Taiwan”
- Taiwan – Taipei – New Taiwan dollar | President – Tsai Ing-wen
- Lithuania – Vilnius – Euro | President – Gitanas Nauseda

527. On July 21, The UK’s “Liverpool Maritime Mercantile City” is removed from the UNESCO World Heritage List citing concerns about overdevelopment including plans for a new football stadium. Just one more than the two-thirds majority is required to delete a site from the global list. [{Read more}](#)

Key Points:

- Liverpool Maritime Mercantile City (UK) – removed from the UNESCO World Heritage List
- HQs of UNESCO – Paris, France | Director-General – Audrey Azoulay | Founded in – 1945
- UK – London – Pound Sterling | PM – Boris Johnson

528. On July 22, World’s 1st “3D-printed Steel Bridge” has been opened to the public in Amsterdam, Netherlands. It is developed by MX3D, a Dutch robotics company. It represents a major milestone for 3D-printing technology. [{Read more}](#)

Key Points:

- World’s 1st “3D-printed Steel Bridge” – opened to the public in Amsterdam, Netherlands
- It is developed by – MX3D (HQs of MX3D – Amsterdam, Netherlands)
- Netherlands – Amsterdam – Euro | PM – Mark Rutte

529. China’s National Carbon market, the world’s largest emissions trading system, has begun its online trading on July 16, 2021. China has replaced European Union (EU) as the largest Carbon Market. China is the world’s biggest emitter of Greenhouse gases. [{Read more}](#)

Key Points:

- China’s National Carbon market – began its online trading on July 16
- China – replaced EU as the largest Carbon Market
- China – world’s biggest emitter of Greenhouse gases
- China – Beijing – Renminbi | President – Xi Jinping



Banking & Economic Affairs

530. On July 20, ICICI Bank has launched a co-branded credit card named “ICICI Bank HPCL Super Saver Credit Card” with Hindustan Petroleum Corporation Limited (HPCL) to enable users to get benefits and reward points for using multiple credit cards in one. It is powered by VISA. [{Read more}](#)

Key Points:

- ICICI Bank + HPCL = launched a co-branded credit card named “Super Saver Credit Card” (powered by VISA)
- HQs of ICICI Bank – Mumbai, MH | MD & CEO – Sandeep Bakhshi | Taglines – “Hum Hain Na!” & “Khayal Apka”

531. On July 20, Kotak Mahindra Bank has signed an MoU with the Indian Navy to offer a salary account to all the personnel of the Indian Navy. Through the salary account, all personnel of the Indian Navy will get access to the full range of Kotak’s products and services, including a zero-balance salary account that earns up to 4% interest per annum with free unlimited ATM transactions on all Visa ATMs. Kotak Mahindra Bank has also automated its partner payments process, powered by Act21 Software’s end-to-end payout solution “Hyperform”. [{Read more}](#)

Key Points:

- Kotak Mahindra Bank + Indian Navy = to offer a salary account all the personnel of the Indian Navy
- Kotak Mahindra Bank – automated partner payments with Act21 Software’s solution “Hyperform”
- HQs of Kotak Mahindra Bank – Mumbai, MH | MD & CEO – Uday Kotak | Tagline – “Let’s make money simple”
- Chief of Indian Navy – Admiral Karambir Singh | Vice Chief – G. Ashok Kumar

532. On July 19, Paytm Payments Bank’s customers can now make instant payments through its payment gateway using balances available in their fixed deposit account held with its partner bank, IndusInd Bank. [{Read more}](#)

Key Points:

- Paytm Payments Bank’s customers can now make payments from fixed deposits a/c held with IndusInd Bank
- HQs of PPBL – Noida, Uttar Pradesh | MD & CEO – Satish Kumar Gupta
- HQs of IndusInd Bank – Pune, MH | MD & CEO – Sumant Kathpalia | Tagline – “We Make You Feel Richer”

533. On July 19, The Dhanlaxmi bank has announced a strategic alliance with SMC Global Securities Ltd for offering online trading services to customers. The tie-up will offer an integrated 3-in-1 account, comprising a Savings, Demat and Trading account. [{Read more}](#)

Key Points:

- Dhanlaxmi bank + SMC Global Securities Ltd = strategic alliance for offering Online Trading Services to customers
- HQs of Dhanlaxmi Bank – Thrissur, Kerala | MD & CEO – J. K. Shivan
- HQs of SMC Global Securities Ltd – New Delhi | MD & Chairman – Subhash C. Aggarwal



534. Kerala Bank has launched a loan scheme titled “Kerala Bank Samagra” for the infrastructure development of Primary Agricultural Credit Cooperatives (PACS). [{Read more}](#)

Key Points:

- Kerala Bank – launched a loan scheme titled “Kerala Bank Samagra” for Agriculture Cooperatives
- HQs of Kerala Bank – Thiruvananthapuram, Kerala | President – Gopi Kottamurickal | CEO – Rajan P. S.

535. On July 21, Bank of Baroda and fintech platform U GRO Capital have launched a co-lending platform “Pratham”, under which Rs 1,000 Cr loan will be disbursed to the MSME sector in India. Besides, July 20, 2021 marked the 114th Foundation Day of Bank of Baroda. [{Read more}](#)

Key Points:

- Bank of Baroda + U GRO Capital = launched a co-lending platform “Pratham”
- Under “Pratham” platform – Rs 1,000 Cr loan will be disbursed to the MSME sector in India
- HQs of BOB – Vadodara, Gujarat | CEO – Sanjiv Chadha | Tagline – “India’s International Bank”
- HQs of U GRO Capital – Mumbai, Maharashtra | CEO – Abhijit Ghosh

536. On July 20, In a move to boost the banking facilities in rural and semi-urban areas in India, NSDL payments bank has announced a strategic partnership with Multilink. Multilink is one of India’s fastest-growing fintech companies with a network of 1,00,000+ agents spread across India. [{Read more}](#)

Key Points:

- NSDL Payments Bank + Multilink = a strategic partnership
- HQs of NSDL Payments Bank – Mumbai | MD & CEO – Abhijit Kamalapurkar | Chairman – G. V. Nageswara Rao
- HQs of Multilink – Mumbai | CEO – Chirag Shah

537. The National Credit Guarantee Trustee Company Ltd (NCGTC) has issued operational guidelines for the Rs 50,000 Cr Loan Guarantee Scheme for Covid Affected Sectors (LGSCAS), as part of Rs 6.29-lakh-Cr Stimulus Package announced by Finance Minister Nirmala Sitharaman. A maximum loan of Rs 100 Cr will be given with a capped interest rate of 7.95% (for healthcare projects) and guarantee provided for 3 years. [{Read more}](#)

Key Points:

- NCGTC – issued guidelines for Rs 50,000 Cr “Loan Guarantee Scheme for Covid Affected Sectors (LGSCAS)”
- Maximum loan – Rs 100 Cr | Interest rate – 7.95% | Guarantee period – 3 years
- HQs of NCGTC – Mumbai, Maharashtra | Chairman – Sivasubramanian Ramann

538. On July 21, Seeking to enhance transparency in the insolvency process, the Insolvency and Bankruptcy Board of India (IBBI) has amended the IBBI (Insolvency Resolution Process for Corporate Persons) Regulations 2016. [{Read more}](#)



Key Points:

- IBBI – amended the “IBBI (Insolvency Resolution Process for Corporate Persons) Regulations 2016” to enhance transparency in the insolvency process
- HQs of IBBI – New Delhi | Chairperson – M. S. Sahoo | Established in – 2016

Defence Affairs

539. On July 21, The first missile of the first firing unit of the Medium Range Surface to Air Missile (MRSAM) was flagged off for delivery to the Indian Air Force from Bharat Dynamics Ltd’s (BDL) Kanchanbagh unit in Hyderabad. [{Read more}](#)

Key Points:

- BDL – flagged off Medium Range Surface to Air Missile (MRSAM) for delivery to Indian Air Force
- HQs of BDL – Hyderabad, Telangana | CMD – Siddharth Mishra | Founded in – 1970

540. On July 20, Ministry of Defence (MoD) has issued Request of Proposal (RFP) for the first acquisition programme under the Strategic Partnership Model for construction of 6 AIP (Air Independent Propulsion) fitted Conventional Submarines named “Project 75” (India) [P-75(I)] for the Indian Navy. The project cost is over Rs 40,000 Cr. The RFP was issued to 5 Foreign Original Equipment Manufacturers and two Indian Applicant Companies - Mazagon Dock Shipbuilders Limited (MDL) & Larsen & Toubro (L&T). [{Read more}](#)

Key Points:

- MoD – issued Request of Proposal (RFP) for construction of 6 AIP (Air Independent Propulsion) fitted Conventional Submarines named “Project 75” (India) [P-75(I)] – for Indian Navy
- Project cost – Rs 40,000 Cr
- Chief of Indian Navy – Admiral Karambir Singh | Vice Chief – G. Ashok Kumar

541. The “International Aerospace Show” is taking place in Moscow, Russia from July 20-25. Russia has handed over to India a commercial offer to deliver 21 “MiG-29” fighters. [{Read more}](#)

Key Points:

- “International Aerospace Show” – held in Moscow, Russia
- Russia handed over to India a commercial offer to deliver 21 “MiG-29” fighters
- Russia – Moscow – Russian Ruble | PM – Mikhail Mishustin | President – Vladimir Putin



Schemes & Initiatives

542. On July 17, The Haryana government will introduce the “One Block, One Product” scheme to encourage and promote small industries in the rural areas. Under the scheme, the state government plans to connect every block of the state with some industrial vision. [{Read more}](#)

Key Points:

- Haryana – to introduce the “One Block, One Product” scheme
- Haryana: Capital – Chandigarh | CM – Manohar Lal Khattar | Governor – Bandaru Dattatraya

543. On July 19, Telangana Chief Minister K Chandrasekhar Rao will launch his government’s new Dalit empowerment scheme, christened “Dalita Bandhu”, on a pilot basis from Huzurabad assembly constituency. As per the scheme, an eligible Dalit family will get assistance worth Rs 10 lakh. [{Read more}](#)

Key Points:

- Telangana – to launch a new Dalit empowerment scheme christened “Dalita Bandhu” (Assistance - Rs 10 lakh)
- Telangana: Capital – Hyderabad | CM – K. Chandrashekar Rao | Governor – Tamilisai Soundararajan

544. On July 20, Kerala CM Pinarayi Vijayan has formally launched the Kerala Police’s “Pink Protection” Project that aims at protecting women in public, private, and digital spaces. The project has 10 components including Pink Patrol, Pink Janamaithri beat, Pink control room, Pink Shadow, Pink Romeo, counselling facilities and a dedicated mobile application for women protection. [{Read more}](#)

Key Points:

- Kerala – launched the “Pink Protection” Project of Kerala Police for women safety
- Kerala: Capital – Thiruvananthapuram | CM – Pinarayi Vijayan | Governor – Arif Mohammad Khan

Sports & Games

545. On July 20, “Citius, Altius, Fortius” has been the motto of the modern Olympics since the International Olympic Committee (IOC) was created in 1894. “Faster, Higher, Stronger - Together” is the new Motto of Tokyo Olympics 2020. [{Read more}](#)

Key Points:

- New Motto of Tokyo Olympics 2020 – “Faster, Higher, Stronger - Together”
- Old motto – “Citius, Altius, Fortius”
- HQs of IOC – Lausanne, Switzerland | President – Thomas Bach | Established in – 1894



546. On July 21, Hockey India has launched its own player-oriented web-based engagement platform, the “Heroes Connect” in its bid to curate a detailed database of the players who have represented the country in both men and women's game. [{Read more}](#)

Key Points:

- Hockey India – launched its own player-oriented web-based engagement platform “Heroes Connect”
- HQs of Hockey India – New Delhi | President – Gyanendro Ningombam

547. The 32nd Edition of Olympic Games has begun in Tokyo, Japan from 23rd July, 2021. “Miraitowa” is the mascot of the Tokyo Games. The 32nd edition has 339 events in 33 sporting disciplines with the introduction of 4 new sport disciplines - Surfing, Skateboarding, Sport Climbing and Karate. While, baseball and softball are being reintroduced in the Games since 2008. The 33rd edition in 2024 will be held in Paris. The IOC has selected Los Angeles for 2028 Olympics and Brisbane in Australia in 2032 too. [{Read more}](#)

Key Points:

- 32nd Edition of Tokyo Olympic Games – began in Tokyo, Japan | Mascot: “Miraitowa”
- 32nd edition has 339 events in 33 sporting disciplines
- 4 new sport disciplines: Surfing, Skateboarding, Sport Climbing & Karate
- Baseball & Softball – reintroduced in the Games since 2008
- 33rd edition of Olympic Games in 2024 – to be held in Paris, France
- HQs of IOC – Lausanne, Switzerland | President – Thomas Bach



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Important Days & Dates

548. The 2nd edition of “International Chess Day” was celebrated on July 20. Chess was invented in India in the 5th century. It was then named “Chaturanga”. International Chess Day is celebrated every year as the founding day of FIDE (World Chess Federation). This year will mark FIDE’s 97th anniversary. [{Read more}](#)

Key Points:

- July 20 – 2nd edition of “International Chess Day” (97th foundation day of FIDE)
- Chess (Chaturanga) was invented in India in the 5th century
- HQs of FIDE – Lausanne, Switzerland | CEO – Geoffrey D. Borg | Founded on – July 20, 1924

549. The 53rd Bank Nationalisation Day was observed across India on 19th July, 2021. It commemorates the issuance of the Banking Companies (Acquisition and Transfer of Undertakings) Ordinance, 1969. [{Read more}](#)

Key Points:

- July 19 – 53rd Bank Nationalisation Day



550. On July 21, West Bengal CM Mamata Banerjee has announced that the state would celebrate “Khela Divas” on August 16, prompting the BJP to equate it with the Muslim League’s Direct Action Day, which began on that day in 1946. [{Read more}](#)

Key Points:

- August 16 – “Khela Divas” to be celebrated by West Bengal
- August 16 – Direct Action Day by Muslim League
- West Bengal: Capital – Kolkata | CM – Mamta Banerjee | Governor – Jagdeep Dhankar

551. The “Science Exploration Day” sometimes also called “Moon Day” was observed on July 20. The day was declared a holiday in 1984 by the then President of the United States, Ronald Reagan. The day marks the anniversary of America’s “Apollo 11”, the first manned mission to land on the Moon. Neil Armstrong was the first man to set foot on the moon’s surface in 1969. [{Read more}](#)

Key Points:

- July 20 – “Science Exploration Day” or “Moon Day”
- America’s “Apollo 11” – the first manned mission to land on the Moon in 1969

552. Both “Pi Day” and “Pi Approximation Day” are the celebrations of mathematical constant Pi (π). Pi Day is celebrated on March 14 as the date is 3-14 is similar to the approximate value of Pi 3.14. Pi Approximation Day is celebrated on July 22 as it is written as 22/7. [{Read more}](#)

Key Points:

- July 22 – “Pi Approximation Day” (as $\pi = 22/7$)
- March 14 – “Pi Day” (as $\pi = 22/7 = 3.14$)

553. World Brain Day is observed on July 22 every year to raise awareness about Multiple Sclerosis (MS). Multiple sclerosis is a potentially disabling disease that affects the brain and the spine. The theme for the year 2021 is “Stop Multiple Sclerosis”. [{Read more}](#)

Key Points:

- July 22 – World Brain Day – to raise awareness about ‘Multiple Sclerosis (MS)’
- Theme – “Stop Multiple Sclerosis”

Meetings, Conferences and Summits

554. The 27th Meeting of the Contact Group on Economic and Trade Issues (CGETI) was held from 12-14 July 2021. Of the various groups of BRICS, the CGETI is responsible for Economic and Trade matters. The Department of Commerce is the National coordinator for the BRICS CGETI. [{Read more}](#)



Key Points:

- Meeting of the Contact Group on Economic and Trade Issues (CGETI) – held from 12-14 July
- Department of Commerce – National coordinator for the BRICS CGETI

555. On July 21, During the “Investment Conclave 2021” held in Chennai on July 20, Tamil Nadu government received an investment commitment of 28,508 Cr by a slew of companies through 49 projects which will provide employment opportunities for 83,482 persons. The aim is to make Tamil Nadu a \$1 trillion economy by 2030. As part of the investments, the Tamil Nadu government has exchanged 35 MoUs with a cumulative investment of Rs 17,141 Cr. [{Read more}](#)

Key Points:

- “Investment Conclave 2021” – held in Chennai, Tamil Nadu
- Tamil Nadu – received an investment commitment of 28,508 Cr from 49 projects
- Tamil Nadu aims to become \$1 trillion economy by 2030
- [Tamil Nadu: Capital – Chennai | CM – Muthuvel Karunanidhi Stalin | Governor – Banwarilal Purohit](#)

556. On July 22, S. Jaishankar from India & Prak Sokhonn from Cambodia have co-chaired the 11th Mekong-Ganga Cooperation Foreign Ministers’ Meeting. The MGC initiative comprising 6 countries - India, Cambodia, Myanmar, Thailand, Laos and Vietnam, was launched in 2000 to boost cooperation in a range of areas including connectivity, tourism and culture. [{Read more}](#)

Key Points:

- S. Jaishankar ([India](#)) & Prak Sokhonn ([Cambodia](#)) – co-chaired the 11th Mekong-Ganga Cooperation Foreign Ministers’ Meeting
- MGC initiative comprises 6 countries – India, Cambodia, Myanmar, Thailand, Laos & Vietnam | Launched in – 2000

557. The “World Universities Summit 2021” on the theme “Universities of the Future: Building Institutional Resilience, Social Responsibility and Community Impact” organised by O. P. Jindal Global University from July 21-23 was inaugurated the Vice President M. Venkaiah Naidu. JGU has partnered with 6 Global Education Networks for this event. [{Read more}](#)

Key Points:

- M. Venkaiah Naidu – inaugurated the “World Universities Summit 2021” – organised by O. P. Jindal Global Uni.
- Theme – “Universities of the Future: Building Institutional Resilience, Social Responsibility and Community Impact”
- [Location of O.P. Jindal Global University – Sonapat, Haryana](#)



558. On July 22, Russia has invited India for the first time to the Russia-US-China “Troika Plus meet” on Afghanistan. Besides India, Iran has also been invited for the meeting. [{Read more}](#)

Key Points:

- Russia – invited India to the Russia-US-China “Troika Plus meet” on Afghanistan (for the first time)
- [Russia – Moscow – Russian Ruble | PM – Mikhail Mishustin | President – Vladimir Putin](#)

Awards, Rewards, Recognition & Prizes

559. On July 15, Former India and Mohun Bagan shot-stopper Shibaji Banerjee will be conferred with “Mohun Bagan Ratna” posthumously. He famously denied Brazil’s legendary football player Pele from scoring a goal in an exhibition match in 1977. Due to the ongoing Covid-19 pandemic situation, this year also the Mohun Bagan Day Celebration (on July 29) would be organised digitally. [{Read more}](#)

Key Points:

- Shibaji Banerjee – conferred with “Mohun Bagan Ratna” posthumously
- July 29 – “Mohun Bagan Day”

560. On July 19, The government has announced to launch the “National Logistics Excellence Awards”, which will highlight best practices including consolidation, process standardisation, technological upgrade, digital transformations and sustainable practices in the logistics sector. The awards will be instituted by the Ministry of Commerce and Industry. [{Read more}](#)

Key Points:

- Government will launch “National Logistics Excellence Awards” – instituted by Ministry of Commerce & Industry
- [Ministry of Commerce & Industry: Piyush Goyal \(Constituency – Maharashtra\)](#)

561. On July 21, Sandesh Jhingan was named the AIFF men’s “Footballer of the Year” and Suresh Singh Wangjam was named the “Emerging Player” for 2020-21 season. While, Bala Devi has been named as the AIFF Women’s “Footballer of the Year”, and Manisha Kalyan was named as the “Emerging Player” award for the 2020-21 season. Bala remains the first Indian woman footballer to sign a professional contract in Europe. [{Read more}](#)

Key Points:

- Sandesh Jhingan – named the AIFF men’s “Footballer of the Year” for 2020-21
- Suresh Singh Wangjam – named the AIFF men’s “Emerging Player” for 2020-21
- Bala Devi – named the AIFF women’s “Footballer of the Year” for 2020-21
- Manisha Kalyan – named the AIFF women’s the “Emerging Player” for 2020-21
- [HQs of AIFF – Dwarka, Delhi | President – Praful Patel | Gen. Secretary – Kushal Das | Established in – 1937](#)



562. On July 22, Spanish Chef Xanty Elias has won the “Basque Culinary World Prize 2021”. The prize was awarded to him for his foundation Fundacion Prenauta, which empowers children by teaching them how to cook and appreciate healthy, traditional food. [{Read more}](#)

Key Points:

- Xanty Elias ([Spanish Chef](#)) – won the “Basque Culinary World Prize 2021”
- [Spain – Madrid – Euro | PM – Pedro Sanchez](#)

563. On July 22, Cachar district of Assam has received the “National Silver SKOCH Award” for “Pushti Nirbhor” (Nutrition-Dependent), a convergence project on transformation and development entailing setting up nutri-gardens at houses in Dinnathpur Bagicha village. Under the project, 30,000 seedlings of vegetables, fruits and herbal plants were distributed among 140 beneficiaries. Instituted in 2003, SKOCH Award salutes people, projects and institutions that go the extra mile to make India a better nation. [{Read more}](#)

Key Points:

- Cachar district ([Assam](#)) – received the “National Silver SKOCH Award” for “Pushti Nirbhor” - a Nutri-garden project
- [Assam: Capital – Dispur | CM – Himanta Biswa Sarma | Governor – Jagdish Mukhi](#)

564. On July 21, Nobel Peace Prize awardee Muhammad Yunus is set to receive the “Olympic Laurel Award for 2020” at the Opening Ceremony of the Tokyo Olympics on July 23, 2021. [{Read more}](#)

Key Points:

- Muhammad Yunus ([Bangladesh](#)) – to receive the “Olympic Laurel Award for 2020”
- [Bangladesh – Dhaka – Taka | PM – Sheikh Hasina | President – Abdul Hamid](#)

Appointments & Resignations

565. On July 21, Amid political turmoil caused by the assassination of President Jovenel Moise, Ariel Henry has been appointed as the new Prime Minister of Haiti. Ariel Henry is a Neurosurgeon and former Cabinet Minister. [{Read more}](#)

Key Points:

- Ariel Henry – appointed as the new Prime Minister of Haiti
- [Haiti – Port-au-Prince – Haitian Gourde | Interim President – Joseph Lambert | PM – Ariel Henry](#)

566. On July 20, Pedro Castillo has won the Peru’s Presidential Election after Peru’s longest electoral count in 40 years. Pedro Castillo defeated right-wing politician Keiko Fujimori by just 44,000 votes. [{Read more}](#)



Key Points:

- Pedro Castillo – became the new President of Peru
- Peru – Lima – Sol | President – Pedro Castillo

567. On July 19, The BJP has appointed Union Minister for Minority Affairs Mukhtar Abbas Naqvi as Deputy Leader of the House in the Rajya Sabha. Piyush Goyal was holding the post till now. [{Read more}](#)

Key Points:

- Mukhtar Abbas Naqvi – appointed as Deputy Leader of the House in the Rajya Sabha
- Ministry of Minority Affairs – Mukhtar Abbas Naqvi (Constituency – Jharkhand)

568. On July 22, Rasmi Ranjan Das, a Joint Secretary in the Ministry of Finance, is among a distinguished group of 25 Tax Experts from around the world appointed as members of the UN Tax Committee for the 2021 to 2025 term. The first meeting of the new membership of the Committee will take place in October 2021. [{Read more}](#)

Key Points:

- Rasmi Ranjan Das – among 25 Tax Experts globally appointed as member of the UN Tax Committee for 2021-2025

569. Ministry of Road Transport and Highways (MoRTH) Secretary Aramane Giridhar (IAS) has been given additional charge of the Chairman of the National Highways Authority of India (NHAI). Giridhar is a 1988-batch Indian Administrative Service (IAS) officer of the Andhra Pradesh cadre. [{Read more}](#)

Key Points:

- Aramane Giridhar – given additional charge of the Chairman of the NHAI (replacing - Sukhbir Singh Sandhu)
- HQs of NHAI – New Delhi | Chairman (addi.) – Aramane Giridhar | Founded in – 1988

570. On July 21, Property consultant Colliers has appointed Ramesh Nair as the chief executive officer (CEO) for India and Managing Director of market development for Asia. Nair joined Colliers from JLL India, where he held the position of CEO & country head. [{Read more}](#)

Key Points:

- Ramesh Nair – appointed as the CEO for India & MD for Asia region – of Colliers International
- HQs of Colliers International – Toronto, Canada | CEO – Jay S. Hennick | CEO for India – Ramesh Nair



Amount & Agreements

571. On July 20, Wipro FullStride Cloud Services would invest \$1 billion in cloud technologies, capabilities, acquisitions and partnerships over the next 3 years. The firm unveiled Wipro FullStride Cloud Services to bring together a full portfolio of its cloud-related capabilities, offerings and talent for the convenience of its global clients. [{Read more}](#)

Key Points:

- Wipro – would invest \$1 billion in cloud technologies, capabilities, acquisitions and partnerships over next 3 years
- HQs of Wipro – Bangalore, Karnataka | MD & CEO – Thierry Delaporte | Established in – 1945

Ranks, Reports & Surveys

572. On July 21, The RBI has launched its 95th round of quarterly “Industrial Outlook Survey (IOS)” to assess the performance of the manufacturing sector. The central bank also launched the next round of the quarterly “Services and Infrastructure Outlook Survey (SIOS)” for the current quarter. [{Read more}](#)

Key Points:

- RBI – launched its 95th round of quarterly “Industrial Outlook Survey (IOS)”
- RBI – launched the quarterly “Services & Infrastructure Outlook Survey (SIOS)”
- HQs of RBI – Mumbai, MH | Governor – Shaktikanta Das (25th) | Established in – 1st April 1935

573. The report titled “India Inequality Report 2021: India’s Unequal Healthcare Story” is released by Oxfam India. According to the report, sharp inequalities exist across different caste, religious, class and gender categories on various health indicators. Life expectancy based on wealth is 65.1 years for the bottom 20% of the households, while it is 72.7 years for the top 20%. [{Read more}](#)

Key Points:

- “India Inequality Report 2021: India’s Unequal Healthcare Story” report – released by Oxfam India
- Life Expectancy: For the bottom 20% – 65.1 years | For the top 20% – 72.7 years
- Oxfam India – an NGO in New Delhi

574. On July 22, Microsoft’s “Global Tech Support Scam Research 2021” report showed that consumers in India experienced a relatively high scam encounter rate of 69% in the last 12 months. However, there was an overall five-point drop in such scam encounters globally with a rate of 59% over the same period. [{Read more}](#)



Key Points:

- “Global Tech Support Scam Research 2021” report – released by Microsoft
- Consumers in India experienced high scam encounter rate of 69% in last 12 months
- HQs of Microsoft – Washington, USA | Chairman – Satya Nadella | Founded in – 1975

575. On July 20, The International Energy Agency (IEA) has stated in its recent report titled “Sustainable Recovery Tracker” that the Global Greenhouse Gas (CO₂) emissions will rise to record levels by 2023. The IEA also stated the extremely low spending on Clean Energy by various governments across the world. Only about 2% of fiscal support provided by government has been allocated to Clean Energy measures. [{Read more}](#)

Key Points:

- “Sustainable Recovery Tracker” – by the IEA
- Global Greenhouse Gas (CO₂) emissions will rise to record levels – by 2023
- Only about 2% of fiscal support provided by government is allocated to Clean Energy measures
- HQs of IEA – Paris, France | Executive Director – Dr. Fatih Birol | Member countries – 30

576. On July 23, As per the “Global Survey on Digital & Sustainable Trade Facilitation 2021”, India has seen a significant improvement with a 90.32% score. This is a remarkable jump from 78.49% in 2019. The Global Survey on Digital and Sustainable Trade Facilitation is conducted every 2 years by UNESCAP. Under the transparency indicator, India scored 100% in 2021, up from 93.33% in 2019. The score for ‘Paperless Trade’ improved to 96.3% in 2021, from 81.48% in 2019. The score in the institutional arrangement and cooperation indicator improved to 88.89%, from 66.67% in 2019. [{Read more}](#)

Key Points:

- “Global Survey on Digital & Sustainable Trade Facilitation 2021” – released by the UNESCAP
- India has seen a significant improvement with a 90.32% score (from 78.49% in 2019)
- India’s score under various indicators in 2021:
- Transparency: 100% (from 93.33% in 2019)
- Paperless Trade: 96.3% (from 81.48% in 2019)
- Institutional Arrangement & Cooperation: 88.89% (from 66.67% in 2019)
- HQs of UNESCAP – Bangkok, Thailand | Executive Secretary – Armida Salsiah Alisjahbana

577. On July 11, At least 5 ‘Indian Bison’ or ‘Gaurs’ were born at Trishna Wildlife Sanctuary in Tripura. It is the largest among wild cattle around the world. With the newborn calves the total number would go up to 110. The Gaur has been listed as “Vulnerable” on the IUCN Red List since 1986. [{Read more}](#)

Key Points:

- 5 ‘Indian Bison’ or ‘Gaurs’ were born at Trishna Wildlife Sanctuary in Tripura (Total number - 110)
- The ‘Gaur’ is listed as “Vulnerable” on the IUCN Red List – since 1986
- HQs of IUCN – Gland, Switzerland | President – Xinsheng Zhang | CEO – Bruno Oberle | Founded in – 1948



578. The Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru, has been placed in the top 50 institutions worldwide for advances in materials science by the prestigious Nature Index. JNCASR is at the 23rd position globally among universities and institutions as part of its “50 Rising Institutions” list. Shanghai Jiao Tong University is in the first place. [{Read more}](#)

Key Points:

- “50 Rising Institutions’ List” – by the prestigious Nature Index
- JNCASR (Bengaluru) – placed in the top 50 institutions worldwide for advances in materials science (23rd position)
- Topped by – Shanghai Jiao Tong University (China)

Acquisitions & Mergers

579. On July 19, Fintech firm Razorpay has acquired a Bengaluru-based startup TERA Finlabs for an undisclosed amount. TERA Finlabs, the Indian subsidiary of UK digital lender GAIN Credit, was launched in 2018 to expand its global footprint in digital lending. [{Read more}](#)

Key Points:

- Razorpay acquired TERA Finlabs (Indian subsidiary of UK digital lender GAIN Credit)
- HQs of Razorpay – Bengaluru, Karnataka | CEO – Harshil Mathur
- HQs of TERA Finlabs – Bengaluru, Karnataka

580. On July 20, The Competition Commission of India (CCI) has approved the acquisition of 16.57% stake of Mukand Ltd by Bajaj Sevashram Private Ltd (BSPL), Bachhraj & Company Pvt Ltd (BCOPL), Bachhraj Factories Pvt Ltd (BFPL) and Sanraj Nayan Investments Pvt Ltd (SNIPL). [{Read more}](#)

Key Points:

- CCI – approved the acquisition of 16.57% of “Mukand Ltd” by Bajaj Group entities
- HQs of CCI – New Delhi | Chairman – Ashok Kumar Gupta | Established in – 2003
- HQs of Mukand Ltd – Mumbai, Maharashtra | Chairman & MD – Niraj Bajaj
- HQs of Bajaj Group – Mumbai, Maharashtra | Head – Rahul Bajaj



MoUs, Collaborations & Partnerships

581. On July 20, Cisco Networking Academy and the National Skill Development Corporation (NSDC) have announced a partnership that is aimed at addressing the shortage of tech-proficient workforce in India and creating career opportunities for millions in the digital economy. [{Read more}](#)

Key Points:

- Cisco Networking Academy + NSDC = partnership for Digital Up-skilling
- Location of Cisco Networking Academy – San Jose, California , US
- HQs of NSDC – New Delhi | MD & CEO – Manish Kumar

582. On July 20, The Goa government has signed an MoU with the Mineral Exploration Corporation Ltd (MECL) to build an Inventory of Goa's minerals - mainly iron ore. The MoU will help the government assess its mineral resources and establish its mineral inventory. [{Read more}](#)

Key Points:

- Goa + MECL = to build an Inventory for Iron ore explorations
- Goa: Capital – Panaji | CM – Pramod Sawant | Governor – P. S. Sreedharan Pillai

583. On July 21, The Reliance Infrastructure-led BSES discoms - BSES Rajdhani Power Ltd (BRPL) & BSES Yamuna Power Ltd (BYPL) have signed a 510 MW Solar & Hybrid Power Agreement with the Solar Energy Corporation of India (SECI), a move that will help provide green and clean electricity to Delhi at economical rates. Of the total quantum of 510 MW, 300 MW is solar power and 210 MW, hybrid power. [{Read more}](#)

Key Points:

- BRPL + BYPL + SECI = 510 MW Solar & Hybrid Power Agreement
- Location of BRPL & BYPL – New Delhi
- HQs of SECI – New Delhi | Chairman – Praveen Kumar

Books & Authors

584. On July 20, Filmmaker Rakeysh Omprakash Mehra is coming up with his autobiography, "The Stranger in The Mirror". It will be published by Rupa Publications. He has co-written the book with noted author Reeta Ramamurthy Gupta. The autobiography's foreword has been written by Rahman. [{Read more}](#)

Key Points:

- "The Stranger in The Mirror" an autobiography of – Rakeysh Mehra
- Co-author – Reeta Ramamurthy Gupta | Publisher – Rupa Publications



585. This year, Journalist and author Hari Pulakkat has finally released a book of his own titled “Space. Life. Matter: The Coming of Age of Indian Science”. [{Read more}](#)

Key Points:

- “Space. Life. Matter: The Coming of Age of Indian Science” book – authored by Hari Pulakkat

586. On July 18, BJP leader Sudhanshu Mittal’s book on the Rashtriya Swayamsevak Sangh (RSS) titled “RSS: Building India Through SEWA” has now been translated into Chinese language. It was published by Har-Anand Publications in 2019. The Chinese translation is done by Jack Bo. [{Read more}](#)

Key Points:

- “RSS: Building India Through SEWA” book – authored by Sudhanshu Mittal
- Chinese translation is done by – Jack Bo | Published in 2019 by – Har-Anand Publications

587. On July 22, “Bank with a Soul: Equitas”, a book by retired IAS officer C. K. Gariyali was released by Duvvuri Subbarao, former Governor of the RBI. [{Read more}](#)

Key Points:

- “Bank with a Soul: Equitas” book – authored by C. K. Gariyali
- The book was released by – Duvvuri Subbarao (Former Governor of the RBI)

588. West Indies Cricketer Michael Holding has authored a book titled “Why We Kneel, How We Rise”. He shares his story together with those of some of the most iconic athletes in the world. He has detailed the book on the issue of ‘Racism’ and has also provided ways to deal with it.

Key Points:

- “Why We Kneel, How We Rise” book – authored by Michael Holding (West Indies Cricketer)

589. A new book titled “The India Story: An Epic Journey of Democracy and Development” is authored by Former Governor of RBI Dr Bimal Jalan.

Key Points:

- “The India Story: An Epic Journey of Democracy and Development” book – authored by Bimal Jalan

590. A book titled “Over It: How to Face Life’s Hurdles with Grit, Hustle, and Grace” authored by American Athlete Lori Susan ‘Lolo’ Jones was released on July 20.

Key Points:

- “Over It: How to Face Life’s Hurdles with Grit, Hustle, and Grace” book – authored by Lolo Jones



Science & Technology

591. On July 20, Russia has successfully test-fired its new “S-500” Air Defence Missile Systems at a southern training range and hit a high-speed ballistic target. The missile has a maximum firing range of 600 kms. After tests are completed the first S-500 system, also known as ‘Prometheus’ and the ‘Triumfator-M’, will be sent to an air defence unit outside Moscow. [{Read more}](#)

Key Points:

- Russia – successfully test-fired its new “S-500” Air Defence Missile Systems | Missile range – 600 kms
- Russia – Moscow – Russian Ruble | PM – Mikhail Mishustin | President – Vladimir Putin

592. The study by three researchers from the Robert Bosch Centre for Data Science and Artificial Intelligence (RBCDSAI), IIT Madras has developed a machine learning model called “NBDriver” that can use genome sequencing data to detect cancerous mutations in the body. [{Read more}](#)

Key Points:

- IIT Madras – developed a machine learning model called “NBDriver” to detect cancerous mutations
- Location of RBCDSAI – Chennai, Tamil Nadu

593. On July 20, Hyderabad-based Defence Metallurgical Research Laboratory (DMRL), one of the DRDO’s premier laboratories, has developed the indigenous development of a “High Strength Metastable Beta Titanium Alloy”. [{Read more}](#)

Key Points:

- DMRL-DRDO (Hyderabad) – developed an Indigenous High Strength Metastable Beta Titanium Alloy
- HQs of DRDO – New Delhi | Chairman – G. Satheesh Reddy | Established in – 1958

594. China has harvested its first batch of Rice grown from seeds that travelled 23 days in space around the moon on the Chang'e-5 lunar probe in November 2020. Space Rice is not new in China. The country has been sending seeds into space since 1987, along with cotton and tomatoes. [{Read more}](#)

Key Points:

- China – harvested its first batch of ‘Space Rice’ – grown from seeds that travelled 23 days in space
- China – Beijing – Renminbi | President – Xi Jinping

595. On July 20, Jeff Bezos has joined a small group of people who have been launched into space onboard ‘New Shepard’ rocket which is designed and built by Blue Origin. This was Blue Origin’s first passenger flight. [{Read more}](#)

Key Points:

- ‘New Shepard’ rocket - designed & built by Blue Origin – successfully completed its 1st human spaceflight
- HQs of Blue Origin – Washington, US | CEO – Bob Smith | Founder – Jeff Bezos | Founded in – 2000



596. Biteeu India in partnership with SpaceChain, has launched its Digital Security Infrastructure into space onboard SpaceX's "Falcon 9" rocket under the rideshare program. This marks Biteeu as the first cryptocurrency exchange in the world to leverage the high security of space-grade infrastructure for ultra-secure Bitcoin cryptocurrency transactions. [{Read more}](#)

Key Points:

- Biteeu India + SpaceChain = launched its Digital Security Infrastructure into space – onboard "Falcon 9" rocket
- Biteeu – 1st Cryptocurrency Exchange in the world to leverage the high security of Space-Grade Infrastructure
- HQs of SpaceChain – Singapore | CEO – Zee Zheng
- HQs of Biteeu – Kazakhstan

597. The Defence Research and Development Organisation (DRDO) has successfully flight-tested an indigenous, third-generation, Man Portable Antitank Guided Missile (MPATGM) for Indian Army. The MPATGM can strike targets at its maximum range of 4,000 metres. [{Read more}](#)

Key Points:

- DRDO – tested an indigenous "Man Portable Antitank Guided Missile (MPATGM)" – for Indian Army
- HQs of DRDO – New Delhi | Chairman – G. Satheesh Reddy | Established in – 1958

598. On July 21, Russia's Space Agency Roscosmos has launched the new "Nauka" laboratory module to the International Space Station onboard 'Proton-M' booster rocket. The rocket blasted off from the Baikonur cosmodrome in Kazakhstan. [{Read more}](#)

Key Points:

- Roscosmos (Russia) – launched the new "Nauka" laboratory module to the ISS onboard 'Proton-M' booster rocket
- Russia – Moscow – Russian Ruble | PM – Mikhail Mishustin | President – Vladimir Putin

599. On July 23, The Defence Research and Development Organisation (DRDO) has successfully flight tested the New Generation Surface-to-Air missile called "Akash-NG" from the Integrated Test Range, Chandipur, off the Odisha coast. The missile system has been developed by Defence Research and Development Laboratory (DRDL), Hyderabad, in collaboration with other DRDO laboratories for the Indian Air Force (IAF). The strike range of this missile is 60 km. [{Read more}](#)

Key Points:

- DRDO – tested the New Generation Surface-to-Air missile called "Akash-NG" from Chandipur, Odisha – for IAF
- The missiles is developed by = DRDL | Strike range of this missile – 60 km
- HQs of DRDO – New Delhi | Chairman – G. Satheesh Reddy | Established in – 1958



600. On July 20, The NASA has announced that its new spacecraft, named “NEA Scout” (Near-Earth Asteroid Scout), has completed all required tests and has been safely tucked inside the Space Launch System (SLS) rocket. NEA Scout is one of several payloads that will hitch a ride on ‘Artemis I’, which is expected to be launched in November, 2021. [{Read more}](#)

Key Points:

- NASA’s new spacecraft named “NEA Scout” (Near-Earth Asteroid Scout) – completed all required tests
- “NEA Scout” is one of several payloads of the ‘Artemis I’ program
- HQs of NASA – Washington D.C., USA | Administrator – Bill Nelson | Founded in – 1958





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