

National

1. REC signs MoU with RailTel

REC Limited signed an MoU with Railtel to extend financial assistance upto 30,000 crore for Infrastructure Projects to be executed by Railtel in next 5 years. These projects encompass a wide range of areas including Data Center products and services, Telecom and IT products and services, Railways and Metro projects etc.

2. National SC-ST hub mega Conclave

The Ministry of Micro, Small and Medium Enterprises (MSME) organised a Mega Conclave at Shillong, Meghalaya to promote Entrepreneurship culture and spread awareness of National SC-ST Hub and other schemes of the Ministry. Around 600 SC-ST aspiring and existing entrepreneurs from Meghalaya participated in the event.

3. 6th India-Australia JWG meeting on Cooperation in Water Resources

The 6th India-Australia Joint Working Group Meeting on Water Cooperation between the Ministry of Jal Shakti and Department of Climate Change, Energy and Water. India-Australia work plan for 2024-25 finalised. The event brought together representatives from the Indian and Australian Government for a productive discussion on enhancing Cooperation in the Water sector.



4. Annual Capacity Building Plan

The Bharat Heavy Electricals Limited (BHEL) under the aegis of Ministry of Heavy Industries (MHI) successfully organised BHEL SAMVAAD 3.0. The third

edition of its dialogue with domestic business partners, industry associations, academia and research Institutes will promote local suppliers.

5. Diwali Utsav

KVIC Chairman Shri Manoj Kumar inaugurated five days 'Diwali Utsav' on the theme 'Vocal for Local'. Special discount of upto 20 percent is available on Khadi products. Selling of Khadi products provides economic self Reliance to the artisans working in rural India.

6. IICA and FSR sign MoU to promote energy sector

A Memorandum of Understanding (MoU) was signed between Indian Institute of Corporate Affairs (IICA) and the FSR Global at IICA Campus in Manesar, gurugram. It aims to foster collaborative efforts and explore pragmatic approaches for establishing mutually beneficial partnerships.

7. 6th session of India-Ethiopia Joint Trade Committee

The 6th session of India-Ethiopia Joint Trade Committee was held successfully in Addis Ababa. India invites Ethiopia to collaborate on Unified Payment Interface of India with Ethswitch of Ethiopia. India even urged Ethiopia to explore settlement of trade transactions in local currency to boost bilateral trade and conserve foreign exchange.

8. Mol signed in medical product regulation

India and Netherlands have signed a Memorandum of Intent (Mol) to cooperate on medical product regulation and enhance the quality of medical products and Healthcare services for both countries at Hague, Netherlands. The Mol was signed between Union Minister of State Bhagwant Khuba and Mr Ernst Kuipers, Minister of Health, Welfare and Sports, Netherlands.

9. IREDA launched CSR Portal

The Indian Renewable Energy Development Agency (IREDA) launched a Corporate Social Responsibility (CSR) portal for enhancing transparency in its CSR initiatives. The portal will facilitate transparency in receipt and disposal of CSR requests from various organisations and institutions.

10. Imagining the Immediate and The Afghan Journal exhibition

Lalit Kala Akademi, the apex cultural body under the Ministry of Culture conducted two exhibitions namely Imagining the Immediate-Curating from a National Collection and The Afghan Journal. Veteran Artist Jatin Das will be inaugurating the two curated exhibitions. Both the exhibitions are curated by Akademi's Assistant Editor and renowned curator Johny ML.

11. Workshop on Indian Development Model

The NITI AAYOG will organise a one day workshop on the theme 'Indian Development Model' in New Delhi. The Workshop is a part of a series of 10 feeder thematic workshops being held on varied themes discussed in G20 New Delhi Leaders Declaration (NDLD).

12. Training of Master Trainers and Assessors Program

The Ministry of Skill Development and Entrepreneurship (MSDE) launched the Training of Masters and Assessors Program under PM Vishwakarma Scheme. The program will empower artisans and craftsmen communities in identified trades.

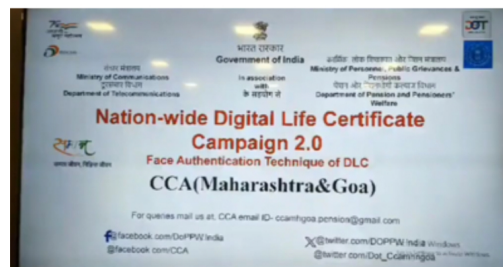
13. CSIR-CSIO and KAMP Scientific Excursion

CSIR-Central Scientific Instruments Organisation, Chandigarh hosted a dynamic Scientific excursion in collaboration with the Knowledge and Awareness Mapping Platform (KAMP). It welcomed over 100 enthusiastic students from Gudha International School, Rajasthan. The transformative excursion delved into the realms of science, Technology and

Innovation, igniting a spark of curiosity and passion for Scientific exploration among the students.

14. Digital Life Certificate Campaign 2.0

The Department of Pension and Pensioners Welfare had launched Nationwide Digital Life Certificate Campaign 2.0. It is being organised at 500 locations in 100 cities in all States/UTs of India. Digital Life Certificate i.e. Jeevan Pramaan is being promoted by the Government to enhance Ease of Living of Central Government Pensioners.



15. Jal Diwali - 'Women for Water, Water for Women Campaign' launched

The Ministry of Housing and Urban Affairs (MoHUA) launched the Women for Water, Water for Women Campaign under its flagship scheme - Atal Mission for Rejuvenation and Urban Transformation (AMRUT) in partnership with National Urban Livelihood Mission (NULM). Odisha Urban Academy is the knowledge partner. The Campaign celebrates Jal Diwali from 7th to 9th November, 2023.

16. Swachh Diwali Shubh Diwali

The Swachh Bharat Mission-Urban 2.0 under the aegis of Ministry of Housing and Urban Affairs (MoHUA) launched the Swachh Diwali Shubh Diwali campaign. The Campaign aims at invoking the cultural significance of Diwali coupled with the Journey of Swachh Bharat and principles of Lifestyle for Environment (Mission LiFe).

17. G20 webinar on Strong, Sustainable, Balanced and Inclusive Growth

Union Minister of Finance and Corporate Affairs Smt. Nirmala Sitharaman delivered Inaugural address at the G20 webinar on 'Strong, Sustainable, Balanced and Inclusive Growth' in New Delhi. The seminar was organised by the Ministry of Finance in association with the Ministry of Commerce and Industry and the Ministry of Labour and Employment.

18. LEAP AHEAD

To accelerate and support the success of tech startups across India, the Ministry of Electronics and Information Technology (MeitY) launched the LEAP AHEAD initiative. It is a Joint collaboration of Software Technology Parks of India (STPI) and the Indus Entrepreneurs (TiE).

19. National Symposium on Promotion of Organic Produce

Union Home Minister Shri Amit Shah will address the National Symposium on Promotion of Organic Produce organised by National Cooperative Organics Limited (NCOL) in New Delhi. He will also launch the logo, website and brochure of NCOL and distribute the membership certificates to NCOL members.

20. Bharat Atta launched at 27.5 per kg

The Union Minister for Consumer Affairs Shri Piyush Goyal flagged off 100 mobile vans for sale of wheat flour (Atta) under 'Bharat' brand from Kartavya Path, New Delhi. The Atta will be available at an MRP not exceeding 27.50 per kg. It is a Welfare step taken for ordinary consumers. It will increase supplies in the market at affordable rates and will moderate prices of important food items.

21. APEDA inks MoU with Lulu Hypermarket

The APEDA has signed a MoU with global retail major Lulu Hypermarket LLC for export promotion of Indian Agricultural products to the Gulf Cooperation Countries (GCC). The MoU is aimed at promoting Brand India globally and was signed at World India Food (WIF) 2023.



22. Krishi 24/7

Department of Agriculture and Farmers Welfare (DA&FW) in collaboration with Wadhwani Institute for Artificial Intelligence developed Krishi 24/7, the first AI powered solution for automated Agricultural news monitoring and analysis. It will aid to identify relevant news, generate timely alerts and take prompt action to protect farmers interests and promote sustainable Agricultural growth.

23. Mobility and Migration partnership agreement between India and Italy

India and Italy signed the Mobility and Migration Partnership agreement. The agreement will facilitate the smooth movement of workers, students and professionals between the two countries. Italy has the 3rd largest Indian Diaspora in Europe after the UK and Netherlands.

24. COLORS join MoWCD to support Beti Bachao Beti Padhao

India's leading Hindi GEC COLORS announced its collaboration with the Ministry of Women and Child Development's 'Beti Bachao, Beti Padhao' initiative to address the issue of girl child abandonment, through the launch of its new fiction show Doree. The show raises relevant questions on the rights of girl children through the lens of a six year old girl.

25. DSIR-CRTDH Conclave 2023

The Department of Scientific and Industrial Research (DSIR) and Common Research and Technology Development Hubs (CRTDH) Conclave 2023

inaugurated at IIT Gandhinagar. The Conclave is supported by the Department of Scientific and Industrial Research under the Ministry of Science and Technology. The exhibition will display the products developed by various CRDTHs along with its associated MSMEs incubated at CRDTH.

26. First Australia India Education and Skill Council (AIESC)

The First Australia India Education and Skill Council (AIESC) meeting will be held at IIT Gandhinagar. The Australian Indian Education Council is a bi-national body established in 2011 to guide the strategic direction of the Education, training and Research partnerships between the two countries. It will be for the first time that Education and skills are being brought under the same Institutional forum.



27. 21st Hindustan Times Leadership Summit 2023

The 21st Hindustan Times Leadership Summit being organised in New Delhi. The Summit brings together leaders and icons from across the field of politics, sports, business, health and science and entertainment.

28. Commercial Operation of maiden project of NTPC

The NTPC Renewable Energy Limited, a wholly owned subsidiary of NTPC has deared the commercial operation of its first project, the 50 MW Wind project at Dayapur in Kachh, Gujarat. With this the total installed capacity of NTPC Group had become 73,874 MW and

the total Renewable Energy Operational capacity of NTPC group now stands at 3,364 MW.

29. 7th edition of Ganga Utsav

The 7th edition of Ganga Utsav was organised by the National Mission for Clean Ganga in New Delhi. The event also marked the release of the 33rd edition of Namami Gange magazine, the new Chacha Chaudhary series and the Voyage of Ganga Booklet based on Ganga Pustak Parikrama in collaboration with NBT.

30. 2nd World Local Production Forum

Indian Delegation led by Union Minister Bhagwant Khuba to participate in the 2nd World Local Production Forum (WLPF) at the Hague, Netherlands. It is a platform created by WHO with the aim of increasing access to medicines and other health technologies. More than 800 high level participants from diverse sectors are to attend the Global Summit.

31. Ayurveda for One Health

Nationwide Bikers rally being organised in 11 cities across the country with the message 'Ayurveda for One Health'. The main objective of these rallies is to connect the youth across the country with the Global message of Ayurveda Day and to promote the rich heritage of Ayurveda and the Holistic approach of Ayurveda for public wellbeing. Ayurveda Day will be celebrated on 10th November.

32. Market Study on Cement Sector

The Competition Commission of India (CCI) launched a pan-India Market Study on the Cement Sector. Cement is a critical input in crucial sectors of the economy such as housing and Infrastructure.

33. MoMSME observed Vigilance Awareness Week 2023

The Ministry of Micro, Small and Medium Enterprises (MSME) is observing the Vigilance Awareness Week.

The theme of the Vigilance Awareness Week by Central Vigilance Commission 'Say No to Corruption, Commit to the Nation'.

34. Indo-US MeitY-National Science Foundation Workshop

Ministry of Electronics and Information Technology (MeitY) secretary Shri S Krishnan inaugurated the 1st Workshop in MeitY -National Science Foundation (NSF), USA joint call for R&D proposals under the MeitY-NSF research collaboration. It is an opportunity for US and Indian researchers to brainstorm and make research collaborations during the Workshop.

35. FIND Festival 2023 and Ekya Nava

Union Minister of State for Skill Development Shri Rajeev Chandrashekhar attended FIND festival 2023. It is an initiative by Ekya Schools aimed at transforming K-12 education. Ekya Nava, a new Frontier in K-12 educational innovation in Bengaluru.

36. First Zonal capacity-building workshop

The first Zonal capacity-building workshop has been inaugurated for the North-East region of India at Testo College, Nagaland. The Ministry of Culture conceptualises the workshop. Through this, the Government of India aims to strengthen and build the capacity of the multiple stakeholders and custodians for the safeguarding, identification, documentation, and inventorying of the Intangible Cultural Heritage (ICH) of India.



37. Trustworthy and Responsible AI systems

Telecommunications Engineering Centre (TEC) and Indraprastha Institute of Information Technology (IIIT) sign MoU for collaboration in the area of Trustworthy and responsible Artificial Intelligence Systems. This collaboration specifically concentrates on addressing biases in AI systems and promoting fairness assessments.

38. Naitwar Mori Hydro Electric Project

State run power producer SJVN said the first unit of 30 MW capacity at Naitwar Mori Hydro Electric project started supplying power to the national electric grid. The Naitwar Mori Hydro Electric Project is located on River Tons, a major tributary of the Yamuna in Uttarakashi district in Uttarakhand.

39. Global Fisheries Conference India 2023

The Department of Fisheries, Ministry of Fisheries, Animal Husbandry and Dairying is organising Global Fisheries Conference India 2023 Ahmedabad on the occasion of World Fisheries Day 2023. The theme of the event is "Celebrate the Fisheries and Aquaculture Wealth".

40. Decorated Vans on Viksit Bharat Sankalp Yatra flagged off

The Union Minister of State for Education Dr Subhas Sarkar flagged off well Decorated vans on Viksit Bharat Sankalp Yatra (VBSY) vans from Bankura. These vans with photographs will depict the welfare schemes of the Union Government. VBSY is a nationwide programme aimed at reaching out to citizens who are eligible for various central schemes but have not benefited so far.

41. 9th India International Science Festival (IISF) 2023

The 9th edition of the India International Science Festival IISF 2023 will be held at Faridabad, Haryana. India's mega science fair will be held at the Campus of Translational Health Science and Technology Institute (THSTI) and Regional Centre for

Biotechnology (RCB) of Department of Biotechnology in Faridabad. The theme of the present edition is "Science and Technology Public Outreach in Amrit Kaal."

42. 3rd Hockey India Senior Women Inter Department National Championship

Union Minister Shri Hardeep Singh Puri inaugurated the 3rd Hockey India Senior Women Interdepartmental National Championship 2023 and the tournament trophy at Shivaji Stadium. The tournament is being hosted by Indian Oil Corporation Limited.



43. Enhancing Innovation Ecosystems through an Innovation Handshake

An MoU on "Enhancing Innovation Ecosystems through an Innovation Handshake" was signed between India and US under the framework of India-US Commercial Dialogue. The leaders Joint Statement during the visit of PM Modi in 2023 announced the establishment of the Innovation Handshake.

44. 3rd In person Indo-Pacific Economic Framework (IPEF)

Union Minister of Commerce and Industry Shri Piyush Goyal participated in the 3rd In person IPEF Ministerial meeting. The first of its kind IPEF Supply Chain Resilience Agreement was signed by the Minister along with Ministers from other IPEF partner countries.

45. 8th round of Commercial Coal Mines Auction

The Ministry of Coal launched the eighth round of the Commercial Coal Mines Auction process. Total of 39 Coal mines are on offer. The Ministry is making all

efforts to stop Coal imports by 2025-26. Coal production from underground Mines will be further scaled up to touch 100 million tonnes by 2030.

46. Janjatiya Gaurav Diwas

The Prime Minister Narendra Modi addressed the program marking celebrations of Janjatiya Gaurav Diwas, 2023 in Khunti, Jharkhand. The PM also launched the Viksit Bharat Sankalp Yatra and the PM PVTG Development mission. Projects worth 7200 crores were released for multiple sectors like Road, Rail, education, Petroleum and Natural Gas.

47. Sadar Festival: Carnival of Buffaloes

Hyderabad to celebrate Sadar Festival, a carnival of Buffaloes held every year on the second day after Diwali. The festival is celebrated annually by the Yadav community in Hyderabad. It is also known as Dunnepothula Panduga (Festival of Buffalo Cattle). The festival is also a community get together in villages and towns.

48. PM Modi released 15th instalment of PM KISAN

Union Minister for Women and Child Development Smriti Zubin Irani will host a show on Akashvani 'Nai Soch Nai Kahani- A radio Journey with Smriti Irani' celebrating the incredible tales of empowerment of women with the aid of initiatives of the Government. The stories celebrate the success of women in diverse fields including entrepreneurship, skill development, sports, health and finance.

49. Dashboard Portal of Science and Technology Ministry

Union Minister of State Dr Jitendra Singh launched the software application 'Dashboard' portal of the Ministry of Science and Technology for real time prompt and effective Parliament business including Parliament Questions, Acts of Parliament and Gazette notifications of Government of India as well as Cabinet Notes. The foundation stone of the new

auditorium cum Guest House complex in the premises of Technology Bhavan which is the headquarters of Department of Science and Technology was also laid down.

50. NHCX adoption in association with IRDAI

The National Health Authority (NHA) and Insurance Regulatory and Development Authority of India (IRDAI) have joined hands to operationalise the National Health Claim Exchange (NHCX). It is a digital health claims platform developed by NHA. It will serve as a gateway for exchanging claims related information among various stakeholders in the healthcare and health insurance ecosystem.

51. PM Modi released 15th instalment of PM KISAN

Prime Minister Narendra Modi to grace the occasion celebrating Janjatiya Gaurav Diwas and releasing the 15th instalment of the PM KISAN scheme at Birsa Munda College, Jharkhand. In 15th instalment 8 crore farmers will receive an amount more than 18000 crore. This financial assistance will support farmers in meeting their agricultural and other needs.



52. 6th High Level Meeting of India-OPEC Energy Dialogue

On 9th November, 2023 the 6th High-Level Meeting of the India-OPEC Energy Dialogue took place at the OPEC Secretariat in Vienna, Austria. The Meeting was co-chaired by HE Haitham Al Ghais, Secretary General of OPEC and HE Hardeep Singh Puri, Honourable Minister of Petroleum and Natural Gas. The open and candid discussions at the Meeting focused on key issues related to oil and energy markets.

53. AAINA Dashboard for Cities portal

On 13th November, 2023 the 'AAINA Dashboard for Cities' portal has been made live by Ministry of Housing and Urban Affairs (MoHUA) where the Urban Local Bodies (ULBs) across the country can participate in this pioneering initiative to voluntarily submit their key data on a regular basis through a simple, easy-to-fill data entry form on the portal.

54. Union Government and ADB sign USD 400 Million loan

The Government of India today signed a \$400 million policy-based loan with Asian Development Bank (ADB) to support its urban reform agenda for creating high quality urban infrastructure, improving service delivery and promoting efficient governance systems.

55. 33rd Conference of WOA Regional Commission for Asia and Pacific

Dr. Sanjeev Kumar Balyan chaired the inaugural session of the 33rd Conference of the WOA (World Organization for Animal Health) Regional Commission for Asia and the Pacific at New Delhi today. This 4-day event is scheduled from November 13 to 16, 2023.



56. MoU between Lean Campus Startups and WEICI

The memorandum of Understanding (MoU) was signed between the IICA and Lean Campus Startups and WEICI India in Gurugram.

57. GeM crosses Gross Merchandise Value of 2 lakh crore

Union Commerce and Industry Minister Shri Piyush

Goyal congratulated GeM and its strong ecosystem of buyers and sellers, whose unwavering support has been pivotal towards achieving this historic feat. GeM is a symbol of the speed with which PM Narendra Modi has taken the country forward through modern technology.

58. 8th round of Commercial Coal Mines Auction

The Ministry of Coal is looking up for the launch of the 8th round of auctions for Commercial Coal Mines on November 15, 2023, by a significant leap in the Coal sector and making India Atma Nirbhar in coal. 91 mines have been auctioned with peak rated capacity of 221 Million Ton per annum.

59. 500 year old Herbarium

A team of dedicated Researchers discover a 500 year old cache of pressed flowers in the city of Bologna in the north of Italy. It will unlock knowledge about how the climatic crisis and human migration is changing landscapes in Northern Italy.



60. Preserving Seeds and Culture by Naga Tribes

The Naga Tribes namely Ao Sumi Naga have long relied on traditional knowledge to preserve diverse crop seeds across generations. Traditional knowledge of seed preservation helps Nagaland's native communities ensure continued sustenance. Traditionally agrarian, the Ao and Sumi Naga communities practise jhum or shifting cultivation.

61. Baler Machines

Punjab saw a growing demand for a machine that can help manage Stubble off site known as ex situ

Stubble management. Baler machines have been in use for over a decade in Punjab with approximately 2000 of them currently operating in the state

62. Chinese Scientists create Chimeric Monkey

Scientists based in China have created a monkey chimera with two sets of DNA. The monkey which lived for 10 days before being euthanized was made by combining stem cells from a cynomolgus monkey also known as crab eating or long Tailed macaque, a primate used in Biomedical research.

63. Government relaxes norms for Small Savings Schemes

The Government has relaxed the norms for various small savings schemes. These include the Public Provident Fund (PPF), Senior Citizens Savings Scheme (SCSS) and Time Deposit Scheme. These norms were relaxed as per a gazette notification.

64. 33rd Conference of WOA Regional Commission

India is set to host the 33rd Conference of the WOA Regional Commission for Asia and the Pacific. The decision to host this significant event was made during the 90th General Session of the World Assembly of Delegates of the WOA in Paris. The event will be hosted by the Department of Animal Husbandry and Dairying.

65. Nayi Chetna 2.0

The Ministry of Rural Development launched the second edition of its National Campaign Against Gender Based Violence 'Nayi Chetna-2.0'. The Campaign is to be launched on International Day for the Elimination of Violence against Women. It is organised to foster convergence to collectively strengthen redressal mechanisms for survivors of GBV.

66. India's IIP grows by 5.8 percent

The Quick Estimates of Index of Industrial Production (IIP) grew by 5.8 percent in September 2023. It is

released on the 12th of every month and compiled with data received from source agencies. The data is received from producing factories and establishments.

67. Mining Pavilion under theme Connecting beyond Mining

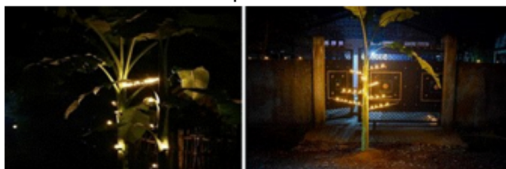
To create awareness among the general public the Ministry of Mines will be showcasing a state of art Mining Pavilion with the theme 'Connecting Beyond Mining " at the India International trade Fare 2023 (IITF) at Pragati Maidan. IITF with both B2B and B2C components is one of the largest trade fairs in the South Asian Region.

68. Digital Advertisement Policy 2023

The Ministry of Information and Broadcasting approved Comprehensive Digital Advertisement Policy 2023. It will enable and empower the Central Bureau of Communication which is the advertising wing of Government of India to undertake campaigns in the Digital Media Space.

69. Assam's unique Waste to Food Diwali celebration

Swachh Bharat Mission-Urban under the aegis of MoHUA is running the Swachh Diwali, Shubh Diwali campaign across the country. Under the campaign Assam has taken a unique initiative to manage the Waste that occurs post Diwali.



70. First Trial Shipment of Banana exported to Netherlands

To boost the prospects of fresh fruits exports, the APEDA operating under the Ministry of Commerce and Industry facilitated the export of the first trial shipment of fresh bananas to the Netherlands by Inl Farms via the sea route. The major export destinations include

Iran, Iraq, UAE, Oman, Uzbekistan, Saudi Arabia, Nepal, Qatar, Kuwait, Bahrain, Afghanistan and the Maldives.

71. 47th Foundational Day of Pt Deendayal Upadhyaya National Institute for PwD

Dr Jitendra Sharma Director of Pt Deendayal Upadhyaya National Institute for PwD presided over the 47th foundational Day of the Institute. Shri Mallikarjuna Aitha was the Guest of Honour at the event. Pt Deendayal Upadhyaya National Institute for PwD is an Autonomous organisation under MoSJE established in 1976.

72. Nasha Mukh Bharat Abhiyaan

In a bid to spread the message of Nasha Mukh Bharat Abhiyaan of Government of India, the Department of Social Justice and Empowerment has entered into an MoU with ISKCON. Shri Sundar Gopal Das, Chairman ISKCON India Youth Council congratulated the Ministry for launching such a mass campaign.



73. REC honoured with Best Employer in Diversity and Inclusion Award

REC Limited, a Maharatna CPSE under Ministry of Power received the "Best Employer in Diversity and Inclusion" Award by Assocham. The award was given at 4th Diversity and Inclusion Excellence Awards and Conclave organised by Assocham.

74. Launch of SIF and GDPIR

The Prime Minister of India Shri Narendra Modi launched two India led initiatives namely Social Impact Fund(SIF) and Global Digital Public Infrastructure Repository(GDPIR) . The initiatives are aimed at promoting the development of Social Impact Fund to advance Digital Public Infrastructure (DPI) in the Global South.

75. Mapping of the Archives Book

The Kalanidhi division held a book launch at Indira Gandhi National Centre for the Arts (IGNCA) for the book "Mapping of the Archives in India". Descriptive e-catalogue of "Aagam-Tantra-Mantra-Yantra" was also launched.

76. DGFT sign MoU with Amazon India

To boost e-commerce exports from the country and to enable Micro, Small and Medium Enterprises the Directorate General of Foreign Trade (DGFT) signed a MoU with Amazon India. It will leverage Districts as an Export Hubs initiative and promote e-commerce exports from the country.

77. 8th IWIS in New Delhi

Union Minister Shri Nitin Gadkari inaugurated the 8th edition of the Indian Water Impact Summit (IWIS) 2023 at Dr Ambedkar International Centre in New Delhi. The Summit is organised by National Mission for Clean Ganga (NMCG) and the Center for Ganga River Basin Management and Studies (cGANGA).

78. VIKSIT BHARAT SANKALP YATRA

Viksit Bharat Sankalp Yatra launched by PM Modi is a groundbreaking initiative aimed at saturating the benefits of Central Government schemes across Nation. It was launched on 15th November 2023 from Khunti, Jharkhand. It aims to create awareness and deliver the benefits of welfare programs directly to the people.

79. ISHA Insight - The DNA of Success

Union Minister of State for Skill Development and Entrepreneurship participated in the 12th edition of ISHA INSIGHT- The DNA of Success. The event was organised at Coimbatore.

The event witnessed a fireside chat between Sadhguru Jaggi Vasudev and the Union Minister.

80. AGNI to promote Ayurveda

The Central Council for Research in Ayurveda Sciences (CCRAS) under Ministry of Ayush launched a new program namely "Ayurveda Gyan Naipunya Initiative" (AGNI) to promote Innovations by Ayurveda practitioners. It will promote research for mainstreaming the pragmatic Ayurveda practices through scientific validation and evidence based Appraisal.

81. New Education for New India campaign

The President of India Shri Droupadi Murmu launched a new Educational campaign called "New Education for New India" of Brahma Kumaris at Sambalpur, Odisha. The campaign is to inculcate values and uplift the consciousness of students which will lead to better society.



82. AIM and NITI AAYOG launched new accelerator RISE

The AIM and NITI AAYOG launched a new accelerator called Rapid Innovation and Startup Expansion (RISE) to support Australian and Indian circular economy startups. Startups and small to mid sized Enterprises in India and Australia working on Circular technologies and solutions will benefit from it.

83. E-registration portal for Sari Walkathon launched

Union Minister of State for Textiles Srimati Dardhana Jardosh launched the E-registration portal of Sari Walkathon. The Sari Walkathon will be organised in Mumbai at MMRDA Ground.

84. 27th meeting of the Committee on protection of

SC/ST held

The 27th meeting of the committee took place at Bharat Mandapam, Pragati Maidan for effective coordination to devise ways and means to curb offences of untouchability and atrocities against SCs and STs. The committee is under the chairmanship of the Union Minister for Social Justice and Empowerment.

85. Operation Clean Sweep

The Central Goods and Services Tax (CGST) busted a syndicate of 48 fake firms availing Fraudulent ITC of over 199 crores, under Operation Clean Sweep. Operation Clean Sweep was launched against fake billers, based on human intelligence.

86. State Educational Achievement Survey 2023

The State Educational Achievement Survey 2023 by PARAKH was successfully conducted. It was conducted to understand the baseline performance in the development of the competencies at the end of foundational, preparatory and middle stages. 80 lakh students from 3 lakh schools at 5917 blocks across the nation participated in the survey.

87. Sant Mirabai Janmotsav

The Prime Minister of India Shri Narendra Modi will visit Mathura to participate in the Sant Mirabai Janmotsav. The Program is being organised to celebrate 525th Birth Anniversary of Sant Mirabai. The program will also mark the initiation of year-long programmes in the memory of Sant Mirabai.

88. President launched projects on her visit to Odisha

The President of India Shrimati Droupadi Murmu launched various projects on her official visit to Odisha. She flagged off three new trains from Badhampur Railway Station, Inaugurated new Rairangpur Postal Division etc. PM JANMAN (PM-Janjati Adivasi Nyaya Maha Abhiyaan) was also launched on the occasion of Janjatiya Gaurav Diwas

for development of PVTGs.



89. International Mart at Shillong

The Ministry of Tourism organised the International Tourism Mart at Shillong, Meghalaya to create awareness about the tourism potential of the North East Region. The program is held annually in one of the North Eastern States on a rotational basis with the objective to provide a bigger platform to North Eastern stakeholders.

90. Teacher Training workshop

A specialised Teacher Training workshop was organised as part of the Knowledge and Awareness Mapping Platform (KAMP)'s third Continuous Professional Development (CPD) program for educators in collaboration with CSIR-CSIO and CBSE. The central theme of the workshop was "Nano Quest- A Journey of Exploration Through Nanoworld".

91. 48 hour Film Challenge

The Union Minister Anurag Thakur launched the 48 hour "Film Challenge" as part of the "75 Creative Minds of Tomorrow" at 54th International Film Festival of India (IFFI). The program is set to witness the dynamic celebration of innovation and storytelling prowess by young creative talents.

92. Digital Government Senior Leaders Program

The National e-Governance Division in collaboration with IIM-Bangalore organised the Digital Government Senior Leaders Program under Digital India. The six

day intensive workshop is intended to equip the participants with the knowledge and skills necessary to lead and navigate the complexities of digital transformation in the government sector.

93. 36th annual conference of AISWA

The President of India Shrimati Droupadi Murmu graced the Inaugural session of 36th Annual Conference and Literary Festival of All India Santali Writers Association (AISWA). The AISWA has been promoting Santali lists since its establishment in 1988.

94. FoSCoS portal

The Food Safety and Standards Authority of India (FSSAI) launched its Food Safety Compliance System (FoSCoS) portal in four regional languages. It was launched in Hindi Language in September. The four regional languages include Gujarati, Tamil, Telugu and Marathi.

95. GHOST FACULTY in Medical Colleges

The National Medical Commission (NMC) in a proactive measure to eliminate GHOST FACULTY from medical colleges underscores the significance of implementing Aadhar enabled biometric attendance system (AEBAS) for faculty members before inspection.

96 Fire Bird wins 2023 JCB Prize for Literature

Writer Perumal Murugan won the JCB Prize for Literature 2022 for his novel Fire Bird. It is translated from Tamil into English by Janani Kannan. The novel was published by Penguin Random House India.

97. 37 PM SHRI Kendriya Vidyalayas launched in Odisha

Union Minister for Education and Skill Development Shri Dharmendra Pradhan launched the 37 PM SHRI Kendriya Vidyalayas and 26 PM SHRI Jawahar Navodaya Vidyalayas in Odisha. Shri Pradhan stat3s to achieve the goal of a developed India by 2047.

98. 2nd Voice of Global South Summit

India to host the 2nd Voice of Global South Summit bringing together 125 countries of the Global South to share their perspectives and priorities on a common platform. India also hosted the Inaugural session of the Voice of Global South Summit (VOGSS).

99. Business Responsibility and Sustainability Reporting

- The Indian Institute of Corporate Affairs (IICA) hosted the Pre-National Conference Webinar on Business Responsibility and Sustainability Reporting (BRSR): Tracking the Journey of Non-financial Disclosures by businesses in India.
- The webinar has central focus on key issues of diversity, materiality and Occupational health and safety (OHS).

100. WHO and AYUSH Ministry sign PCA

- The World Health Organisation and Ministry of AYUSH signed the traditional and complementary Medicine "Project Collaboration Agreement".
- The main objective is to integrate aspects like standardisation, quality and safety of Traditional and Complementary Medical Systems into the National Health System and to disseminate them at International level.

101. Hello Nariyal FoCT call centre

The Coconut Development Board officially launched Hello Nariyal FoCT call centres which cater to the needs of coconut farmers in coconut harvesting and other plant management practices. It is a call centre in Kerala that functions from the Headquarters of the Board in Kochi.

102. Aerospace and Aviation on 2047 exhibition

The President of India Sri Droupadi Murmu inaugurated a two day International Conference cum

exhibition on Aerospace and Aviation in 2047 in New Delhi. It is being organised by the Aeronautical Society of India (AeSI) at Yashobhoomi Convention Centre. It is being organised to commemorate 75 years of excellence of AeSI.

103. Indian Art, Architecture and Design Biennale

The Ministry of Culture is organising Indian Art, Architecture and Design Biennale 2023 at Red Fort. The Biennale is an innovative initiative to celebrate the rich tapestry of our country's artistic heritage, spanning ancient, modern, contemporary and Tech driven art, architecture and design.



104. 60th NPG on Sectoral Plan for Efficient Logistics (SPEL)

The 60th Network Planning Group (NPG) meeting was held under the chairpersonship of Special Secretary (Logistics), DPIIT, Smt Sumita Dawra. The meeting focused on discussions on the Sectoral plan for efficient logistics (SPEL) by individual line Ministries and Departments. This initiative proposed under CLAP on National Logistics Policy was proposed to ensure that a focused approach is taken in addressing logistics related requirements at individual sector level.

105. Western dedicated Freight Corridor

The Prime Minister of India Shri Narendra Modi dedicated the 77 km new Bhandu-New Sanand section of Western Dedicated Freight Corridor (DFC) in India. This new Railway section is set to improve the transportation of goods from ports and

manufacturing Hubs in the region.

106. 5th UT foundation day of Ladakh

The President of India Shri Droupadi Murmu arrived in Leh to attend the 5th Union Territory Foundation Day at Sindhu Sanskriti Kendra. It is her first visit to Ladakh as President of India. Ladakh in 2019 got its identity as a Union Territory. LG of Ladakh Dr BD Mishra welcomed the President in Ladakh.

107. Combined Index of Eight Core Industries increased by 8.1 percent

The combined Index of Eight Core Industries (ICI) increased by 8.1 percent in September 2023 as compared to the Index of September 2022. The production of Coal, Steel, Electricity, Natural gas, Refinery Products, Cement and Fertilisers recorded positive growth.

The Base year of the Index of Eight Core Industries is 2011-12.

108. Special Operation Medal 2023

The Union Home Minister's Special Operation Medal for the year 2023 has been awarded for 4 Special Operations. The Medal was constituted in 2018 with the objective to recognise those Operations which have high degree of planning, high significance for the security of the country and have significant impact on the larger sections of the society.

109. Project SMART

Open Seminar to comprehend the outlooks and requirements of realtors to Project on Station area Development along Mumbai-Ahmedabad high speed Rail Transport (Project-SMART) was held. The Ambitious Project on The Mumbai Ahmedabad High Speed Railway (MAHSR) Corridor project has been taken by the Government of India in association with JICA with the aim to redefine urban living and transportation connectivity along the Mumbai-Ahmedabad High-Speed Rail corridor.

110. International Jury announced for 54th IFFI, Goa

Renowned Filmmakers, Cinematographers, Film Producers from across the globe have been invited as the International Jury of 54th IFFI to judge the International Competition and Best debut feature film of a Director award at the festival. This year the Festival received a record breaking 2926 entries from 105 countries.

111. 6th ISA Session held in Delhi

The Sixth Assembly of the International Solar Alliance (ISA) was hosted at Bharat Mandapam in New Delhi. It was presided over by Minister for Power and New and Renewable Energy Shri RK Singh as the President of the ISA Assembly. Ministers from 20 countries and delegates from 116 member and signatory countries participated in the Assembly.

112. Road Accidents in India-2022

The annual report on 'Road Accidents in India-2022' has been published by the Ministry of Road Transport and Highways. The report is based on the data/Information received from police departments of States/UTs on calendar year basis in standardised formats as provided by UNESCAP under Asia Pacific Road Accident Data (APRAD) Base project. The report states an increase of 11.9 percent in Accidents, 9.4 percent in fatalities and 15.3 percent in injuries compared to previous year.

113. Economic and Technology Cooperation Agreement (ETCA)

India and Sri Lanka held the 12th Round of Negotiations on the Economic and Technology Cooperation Agreement (ETCA) in Colombo, Sri Lanka. The two countries had 11 rounds of bilateral talks from 2016 to 2018. It will be a pivotal move to further enhance bilateral trade between the two countries.

114. EPFO celebrated 71st Foundation Day

Union Minister of Labour and Employment Shri Bhupinder Yadav inaugurated the 71st Foundation Day of EPFO held at Bharat Mandapam. Bhavishya Nidhi Awards 2023 were presented for best performers.

115. Bharat Gaurav Train

The Ministry of Railways in collaboration with IRCTC is about to operate a 'North East Discovery' tour to promote untraversed North Eastern States of India. The specially curated tour on Bharat Gaurav Deluxe AC tourist train will commence its journey from Delhi Safdarjung Railway Station. The tour will cover Guwahati, Sivasagar, Jorhat and Kaziranga in Assam over the 15 days tour.



116. India-AU collaboration for Better Inclusive World

NITI Aayog along with Observer Research Foundation (ORF) organised a workshop on India-AU collaboration for a Better inclusive world at Taj Palace, New Delhi. The Workshop focused on deliberations to implement the commitments laid out in the New Delhi Leaders Declaration (NDLD) signed recently at the G20 Conference.

117. Central Railways launched BPAC system

The Central Railways have launched the Block Proving by Axle Counter (BPAC) system in Vasind-Asangaon section of Mumbai division. The system plays an important role in ensuring the safe clearance of sections before authorising the entry of another train.

118. World Food India 2023

Prime Minister Shri Narendra Modi to inaugurate the second edition of the Mega Food event 'World Food India 2023' at Bharat Mandapam. The Prime Minister

will disburse Seed capital Assistance for over one lakh SHG members with the aim to strengthen Self Help Groups. The event aims to showcase India as the Food Basket of the World and celebrate 2023 as the International Year of Millets.

119. 5th edition of ICC Sustainability Conclave 2023

The Department of Chemicals and Petrochemicals, Ministry of Chemicals and Fertilisers and Indian Chemical Council (ICC) is organising a two day ICC Sustainability Conclave 2023. The theme of the Conclave is 'Integrating Sustainability and Business Strategy for the Chemical Industry -Addressing Challenges and Opportunities'.



120. Coal sector achieves highest growth

As per the Index of Eight Core Industries for the month of September 2023 released by the Ministry of Commerce and Industries, the Index of the Coal sector has showcased impressive growth of 16.1 percent as per last year. The Index measures the combined and individual production performance of Eight Core industries viz Cement, Coal, Crude Oil, Electricity, Fertilisers, Natural Gas, Refinery Products and Steel.

121. 3rd International Convention on Sustainable Trade and Standards

Quality Council of India (QCI) hosted the International Convention on Sustainable Trade and Standards (ICSTS) in New Delhi. It is a two day event organised by the India National Platform on Private Sustainability Standards. It is hosted by QCI in collaboration with the United Nations Forum on Sustainability Standards (UNFSS).

122. Electoral Literacy to Classrooms

The Election Commission of India signs MoU with the Ministry of Education to bring Electoral Literacy to Classrooms across the country. It will integrate Voter Education and Electoral Literacy into the curriculum framework starting from classes 6 to 12 in all schools. Democracy Rooms will be set up in Senior Secondary schools for display of Voter education materials and activities.

123. Antyodaya Mahasammelan

Union Home Minister Amit Shah addressed the Antyodaya Mahasammelan organised on the occasion of completion of 9 years of the Government of Haryana. He launched 5 public welfare schemes- Mukhya Mantri teertha Yatra Yojana, Ayushman Bharat Chirayu Yojana, Haryana Aay Vriddhi Board, Chief Minister Antyodaya Milk Production Cooperative Promotion Scheme and HAPPY i.e. Haryana Antyodaya Parivar Parivahan Yojna.

124. COSTA SERENA

The Union Minister of Ports, Shipping and Waterways launched the domestic sailing of the first International Cruise Liner 'COSTA SERENA' in India at Mumbai. It was launched under the Dekho Apna Desh initiative. India aims to have 50 million cruise passengers by 2047.

125. European Union Film Festival of India

The 28th European Union Film Festival of India to take place in Delhi and Chennai with focus on Women Filmmakers. The 10 day festival will screen 28 films in 25 languages in New Delhi and then travel to Chennai. The festival celebrated cultural ties between India and the European Union.

126. Odisha celebrated Boita Bandana

Vibrant celebrations were witnessed across Odisha to mark the auspicious occasion of Kartik Purnima observing the traditional festival of Boita Bandana. It is a traditional Boat Worship festival.

It is an annual festival held on the full moon night during the month of Kartik.

127. Industry Roundtable on Developing India

The Ministry of Tourism under Government of India is organising an Industry Roundtable in Developing India as a MICE (Meetings, Incentives, Conferences and Exhibitions) Destination. It is being organised at the Bharat Mandapam, New Delhi.

128. Krishnaveni Sangeetha Neerajanam festival

The Ministry of Tourism organised a prequel event of Krishnaveni Sangeetha Neerajanam in association with the Ministry of Culture, Sangeet Natak Academy and State Government of Andhra Pradesh. It is a festival to celebrate the rich heritage of classical music.

129. ASEAN India Grassroots Innovation Forum (AIGIF) launched

The 4th edition of the annual ASEAN India Grassroots Innovation Forum (AIGIF) was launched in Langkawi, Malaysia. India along with 10 ASEAN member states (AMS) were represented by 200 participants. It is an annual programme focused on strengthening the relationship between India and AMS on the premise of Cooperation in Science, Technology and Innovation.

130. Gold Medal to Ministry of AYUSH

The Ministry of AYUSH was awarded the Gold Medal by "India Trade Promotion Organisation" in the India International Trade Fair. It won the award for its excellence in the "Ministries and Departments" category. The Ministry created Ayush Pavilion with various activities in the fair with the aim of promoting scientific evidence based Ayush treatment methods.



131. Guide on Gender Inclusive Communication

Union Minister Smriti Zubin Irani launched a Guide on Gender Inclusive Communication at Vigyan Bhawan, New Delhi. It is one of the initiatives to promote Gender Equality and Empowerment. The Guide is a collaborative effort by the Ministry of WCD, NGCC, LBSNAA along with support from Bill and Melinda Gates Foundation and UN Women.

132. SEBI Reduces Minimum Issue Size for NPOs

To boost fundraising by Non-Profit Organizations (NPOs) on the Social Stock Exchange (SSE), the Securities and Exchange Board of India (SEBI) has reduced the minimum issue size for public issuance of Zero Coupon Zero Principal (ZCZP) instruments by NPOs.

133. India Rebrands Health Centers as Ayushman Arogya Mandir

In a move to revitalize India's healthcare infrastructure, the government has rebranded the existing Ayushman Bharat Health and Wellness Centres (AB-HWCs) as Ayushman Arogya Mandir. This renaming signifies a renewed focus on providing comprehensive and quality healthcare services to the underserved communities across the country.

134. RBI Penalizes 3 banks for Regulatory Violations

The Reserve Bank of India (RBI) has imposed penalties on three banks – Citibank, Bank of Baroda (BoB), and Indian Overseas Bank (IOB) – for non-compliance with various regulatory norms. The penalties range from ₹1.50 crore to ₹4.25 crore for

each bank.

135. India's Largest Tiger Reserve to Take Shape in Madhya Pradesh

The Madhya Pradesh government announced plans to establish India's largest tiger reserve in Damoh district. The proposed reserve, spanning an area of 1,948 square kilometers, will be home to a large population of tigers and other wildlife, further strengthening India's position as a global leader in tiger conservation.

136. Floating CNG Station at Ravidas Ghats

To develop Varanasi as a pollution free city, a second floating Compressed Natural Gas (CNG) Mobile Refuelling Unit (MRU) station was inaugurated at Ravidas Ghat by Union Minister Hardeep Singh Puri. The station has been developed by a Maharatna PSU GAIL India Ltd.

137. Basic Animal Husbandry Statistics 2023 released

Union Minister Shri Pardhottam Rupala released the Basic Animal Husbandry Statistics 2023 based on Animal Integrated Sample Survey. The Statistics were released at the National Milk Day event at Guwahati. The Statistics consisted of milk, egg, meat and wool production.

138. Odisha Research Centre

Union Minister Dharmendra Pradhan inaugurated the Odisha Research Centre along with Governors of Chhattisgarh and Odisha. A One day workshop on "Knowledge Traditions of Odisha : A Futuristic Framework" was also inaugurated. Odisha Research Centre will give new direction to current and social dynamics.



139. NATPOLREX-IX

The Indian Coast Guard conducted the 9th National Level Pollution Response Exercise NATPOLREX-IX off Vadinar, Gujarat. Its objective is to accomplish testing at the level of Preparedness and coordination between various resource agencies to respond to a marine oil spill.

140. Samajik Adhikarita Shivir

Union Minister for Social Justice Dr Virendra Kumar inaugurated "Samajik Adhikarita Shivir" at Himmatnagar, Gujarat. The Shivir aims at distribution of aids and assistive devices to persons with disabilities (Divyangjan). The distribution camp was connected to 19 other locations covering 9 states across the country.

141. 2nd year of Nayi Chetna campaign

The Union Minister Fagga Singh Kulaste inaugurated the 2nd year of the Nayi Chetna campaign in New Delhi. The campaign was solely launched for the Battle against Gender Based Violence and goes with the Tagline "Sahenge Nahi Kahenge" and "Chuppi Todenge".



142. PM flies LCA TEJAS

The Prime Minister of India Shri Narendra Modi flew a sortie in the indigenously designed, developed and manufactured Twin seater Fighter Aircraft LCA TEJAS at Bengaluru. This was the first time that any Indian Prime Minister flew a fighter aircraft sortie.

143. Hamfest India 2023

Union Minister Devusinh Chauhan inaugurated Hamfest India 2023 in Ahmedabad. The event brings together amateur Radio Enthusiasts across the globe for Networking, Knowledge Sharing and Technological advancements. It is the largest gathering of Indian HAMs in one place.

144. YANTRA 2023

Union Minister Shri Sarbananda Sonowal attended the Yoga and Ayurveda in Neurosciences, Therapeutics and Research Approaches (YANTRA) 2023. The event was held at NIMHANS in association with Jignasa. It is an International Conference on Integrative Medicine with a theme on models of integration in Healthcare.

145. Major Harbour at Atlanta bay

Union Minister Shri Sarbananda Sonowal visited the proposed site of Major Harbour at Atlanta Bay in Andaman and Nicobar Islands. The Atlanta Bay has a natural draft of 19/20 and is just 50 m distance in sea. The 10m draft Harbour is essential to promote high end tourism.

146. NSTI PLUS

Union Minister Shri Dharmendra Pradhan laid the foundation stone for National Skill Training Institutes (NSTI) plus. It will scale demand driven and high quality skill training and vocational education at regional level. It is being launched to Elevate capabilities of Odisha's young Cadre.

147. Training of Krishi Sakhis

The Ministry of Rural Development and the Ministry of

Agriculture and Farmers Welfare jointly launched the Krishi Sakhi program for the promotion of Natural Farming. It is being launched under the DeenDayal Antyodaya Yojana -National Rural Livelihoods Mission.



148. NHPC conferred with ET HR WORLD EX Awards

The National Hydroelectric Power Corporation (NHPC) won the prestigious The Economic Times HR WORLD Exceptional Employee Experience Award 2023. It has won the award in the Large Scale Enterprises category. The award was presented in Bengaluru.

149. NACIN and NADT sign MoU

The National Academy of Customs, Indirect Taxes and Narcotics (NACIN) signed a Memorandum of Understanding with Nationalist Academy of Direct Taxes (NADT) for sharing resources. The resources here include training materials, best practices and innovative technologies.

International

1. Skin Cancer deaths caused by Working under Sun

Nearly 1 in 3 deaths from Non-Melanoma Skin Cancer is caused by Working under the Sun stated by a joint estimates report by WHO and ILO. The research was released in Environment International. The estimates establish Occupational exposure to solar Ultraviolet radiation as the work related risk factor which is the third highest attributable burden of cancer deaths globally.

2. Global Landscape Of Climate Finance 2023

Climate Policy Initiative (CPI) new report Global Landscape of Climate Finance 2023 states Climate

Finance Flows have doubled compared to previous years. It has reached an average annual flow of USD 1.3 Trillion in 2021 and 2022. Although it is only 1 percent of the Global GDP.

3. World Travel Market 2023 London

Ministry of Tourism participated in World Travel Market 2023, London. The Ministry took a space of 650 square metres for the Incredible India Pavilion at WTM 2023 to showcase varied tourism products and series of transformative experiences for travellers to India under the theme 'Incredible India! Visit India Year 2023'.



4. International Mining and Resource Conference (IMARC) 2023

Indian Delegation led by Union Minister Shri Rao Saheb Patil participated in the International Mining and Resource Conference (IMARC) 2023 held in Sydney, Australia. The main agenda of the meetings was mutual cooperation in several areas including Mining and manufacturing.

5. 2023 Adaptation Gap Report

The Adaptation Gap Report 2023 released by UNEP. The report stated Adaptation gap in developing countries is widening even as extreme weather events worsen. Countries need financing of \$215 billion to \$387 billion every year to adapt to climate change.

6. 2023 State of Climate Services Report

The World Meteorological Organisation released the State of Climate Services Report 2023. The report stated as the world warms at a faster rate than at any point in recorded history, human health is on the Frontline. WMOs annual State of Climate Services report this year focuses on Health.

7. Loneliness declared as Global Public Health Concern

The World Health Organisation has declared Loneliness to be a pressing Global Health Threat. Its Mortality effects are equivalent to smoking 15 cigarettes a day. WHO has launched an International commission on Loneliness led by US General Surgeon Dr Vivek Murthy and African Union Youth envoy Chido Mpemba.

8. World Bank approves 150 million loan to Sri Lanka

The World Bank has approved a 150 million USD aid package to strengthen Sri Lanka's financial sector following a severe economic crisis that began in 2022. The announcement was made by Faris Hadad-Zervos, World Bank Country Director for Maldives, Nepal and Sri Lanka.

9. Israel sells Iron Dome system to Finland

The Israeli Ministry of Defence has inked a 317 million euros deal to sell the 'Iron Dome' Missile defence system to Finland. The system is instrumental in defending Israeli civilians and infrastructure from diverse aerial threats such as short range rockets, medium to long range missiles and even long range ballistic missiles.

10. Iceland declares Emergency amidst fears of Volcanic Eruption

A state of Emergency was declared in Iceland after powerful earthquakes rocked the Reykjanes Peninsula signalling a possible volcanic eruption. The authorities also raised the Aviation alert to orange with the increased chance of eruption that could affect aircrafts.

11. South Africa becomes first country in Africa to introduce Shared Parental Leave

South Africa achieved a significant milestone by becoming the first country in Africa to introduce Shared Parental leave. It grants both parents the right

to take time off work following the birth of a child or adoption. In the previous arrangement mothers were entitled to four months of leave while fathers were granted a maximum of 10 days.



12. US Air Force's B-21 raider takes first flight

The US Air Force's B-21 'Raider' bomber shaped like a flying wing took its first flight. It will be able to deliver both conventional and nuclear weapons around the world using Long range qmr mid air refuelling capabilities. The Air Force plans to buy at least 100 of the planes and begins to replace B-1 and B-2 bombers.

13. Japan gets new island after underwater Volcanic eruption

With a diameter of roughly 100 metres resulting from phreatomagmatic eruptions Japan gets a brand new island within the vicinity of Japan's Ogasawara Island chain. These eruptions occur when magma interacts with seawater leading to explosive releases of ash and steam.

14. ASEAN-India Millet Festival 2023

The ASEAN-India Millet Festival is being organised in Indonesia by the Indian mission to ASEAN in collaboration with Ministry of Agriculture and Farmers Welfare. The aim of the festival is to raise awareness and create a market for millets and Millet based products among the ASEAN member states.

15. International Financing of Gas fired power plants

The report by Friends of the Earth, US has identified four power plants that directly contradicted the United

States directive on ending International financing for new fossil fuel projects by Multinational Development Bank's. The four power plants will emit over 6 million tonnes of CO2 equivalent a year at their lowest estimates.

16. Former US first lady Rosalynn Carter passed away

Roselyn Carter, also described as "the Steel Magnolia", passed away. She was a pivotal figure during President Jimmy Carter's tenure. She was known for her active promotion of mental health causes and played a significant role in various initiatives alongside her husband.



17. USA PHILIPPINES sign Nuclear Deal

The USA and Philippines signed a landmark nuclear deal. The deal would allow Washington to export nuclear technology and material to Manila which is exploring the use of nuclear power to decarbonise and boost energy independence.

18. Cambridge Word of the Year 2023 HALLUCINATE

- The Cambridge Dictionary team chose Hallucinate as its Word of the Year 2023 as "it recognized that the new meaning gets to the heart of why people are talking about AI".

The Dictionary updated the meaning of Hallucinate to account for its new usage in the Context of artificial intelligence algorithms.

19. International Counter Ransomware Initiative

Fourth countries in a US led alliance sign a pledge to never pay ransom to cybercriminals and to work

towards eliminating the hackers funding mechanism. The International Counter Ransomware Initiative comes as the number of ransomware attacks grows worldwide.

20. Gwalior and Kozhikode recognized as UNESCO creative cities

Gwalior and Kozhikode from India are among the 55 new cities that have joined the UNESCO Creative cities network. The new cities were acknowledged for their strong commitment to harnessing culture and creativity as part of their development strategies.

21. OECD Report

The Indian Farmers faced implicit taxation of USD 169 Billion as a result of export bans, duties and permits on various commodities such as wheat and Rice. The taxation was imposed to stabilise prices for consumers.

22. UAE Unveils World's Largest Single-Site Solar Power Plant

The United Arab Emirates (UAE) has unveiled the world's largest single-site solar power plant, the Al Dhafra Solar PV Project. The 2-gigawatt (GW) plant is located in Abu Dhabi and is expected to generate enough electricity to power nearly 200,000 homes. The project is a major milestone in the UAE's efforts to diversify its energy mix and reduce its reliance on fossil fuels.

23. India and ASEAN Nations Unite to Celebrate Millets

A joint millet festival was launched on November 27th by India and the Association of Southeast Asian Nations (ASEAN) to promote the consumption of millet as part of a healthy diet. Millets are a group of nutritious and climate-resilient grains that offer various health benefits and can contribute to food security.

24. India becomes Chair of ISO for 2024

India was announced to chair the International Sugar Organisation for 2024 at the 63rd council meeting of ISO. It is headquartered in London. India pays the highest Cane price in the World to Sugarcane farmers. India has been the largest consumer and second-largest producer of Sugar in the World.

Days

1. 8th Ayurveda Day to be observed on November 10

8th Ayurveda Day was celebrated across the nation on November 10th, 2023. The Global success of the Ayurveda For One Health campaign will be celebrated on this day. The main objective is to take Ayurveda to the Global level and make it part of common people's lifestyle and to spread the Holistic idea of human, animal, plant and environmental welfare through Ayurveda to common people.



2. 62nd Raising day of ITBP observed on November 10

Union Home Minister and Minister of Cooperation Shri Amit Shah addressed the 62nd raising day ceremony of ITBP as Chief guest in Dehradun. He inaugurated Self Sustainable Energy Buildings (SSEB) for soldiers and Drones for supply of vegetables, medicines and other essential commodities.



3. National Epilepsy Day observed on November 17

National Epilepsy Day is celebrated every year in India on November 17 to raise awareness around the brain disorder and bust myths surrounding the disease. Epilepsy is a brain disorder that can cause seizures due to abnormal brain activity.



4. Constitution Day 2023

The Ministry of Law and Justice in collaboration with Indian Law Institute is celebrating Constitution Day on November 26, 2023 at Vigyan Bhawan, New Delhi. The Vice President of India graced the occasion as the Chief Guest.



5. National Cashew day observed on November 23

The Agriculture and Processed Food Products Development Authority (APEDA), under the Ministry of Commerce, observed National Cashew Day on November 23, 2023. The APEDA facilitated Cashew Nut Shipment to Bangladesh, Qatar, Malaysia, and the USA.

Sports

1. Jaron Ennis becomes new IBF Champion

Terence Crawford, Number 1 Pound for Pound boxer was stripped of the IBF Title with the organisation's updated rankings at 147 pounds. Jaron Boots Ennis was elevated from interim title holder to IBF welterweight champion.

2. Asian Archery Championships

The Indian Compound Women's and Mixed Team won Gold medals at the Asian Archery championships in Bangkok. Compound archers once again overshadowed their recurve teammates as India bagged three Gold, one Silver and three bronze medals.

3. Djokovic won Seventh Paris Masters title

Serbian Tennis Player Novak Djokovic defeated Grigor Dimitrov in the final to win a record extending seventh Paris Masters Title. He closed in the year end number one ranking for the eight time.



4. India won Gold in Women's Hockey

The Indian Women's Hockey team won Gold Medal at Asian Champions Trophy 2023. It defeated Japan 4-0 in the Final and claimed the prestigious title for the second time. The final was held at the Marang Gomke Jaypal Singh Mundha AstroTurf Hockey stadium, Ranchi, Jharkhand.

5. Akshay Bohra won India's first ever F4 Championship

The first ever Indian F4 Championship got underway at the Madras International Circuit as part of the second season of the Indian Racing Festival.



6. 13 year old Kartik Singh makes cut at Asia-Pacific Amateur Championships

A 13 year old Indian Golfer Kartik Singh has become the youngest player to make the cut at the Asia Pacific Amateur Championship. He started with a seven over par 78 and a 72 at the Royal Melbourne Golf Club.

7. India beat Kuwait 1-0 at FIFA World Cup Qualifiers

The Mohun Bagan Forward Manvir Singh scored the lone goal and defeated Kuwait 1-0 in their home ground at the FIFA World Cup Qualifiers. It was the third time both teams were meeting this year. India to face Qatar in the next round at Bhubaneswar.

8. Satwiksairaj-Shetty bow out in opening round of Japan Masters Super 500

Entering the tournament as top seeds Satwiksairaj and Shetty went down in three games in the opening round of Japan Masters Super 500 event in Kumamoto. They lost against Chinese Taipei's Lu Ching Yao and Yang Po Han.



9. Rohit Rajpal reappointed as India's Davis Cup Captain

The All India Tennis Association (AITA) on Saturday reappointed Rohit Rajpal as the non-playing captain of the Indian Davis Cup team until December 31, 2024.

10. Virender Sehwag, Diana Edulji and De Silva inducted into ICC Hall of Fame

The ICC has inducted three new players into its Cricket Hall of Fame namely Virender Sehwag, Diana Edulji and Aravinda de Silva. With three more editions there will now be 112 cricketers to be on the ICC Hall of Fame list.



11. Archer Dhiraj Wins Paris Quota For India

Dhiraj Bommadevara earned the first Olympics quota place for the country in archery at Asian Continental Qualifier Tournament. He reached the final with two straight-set wins but lost to his Chinese Taipei opponent in an intense shoot-off.

12. Messi's 8th Ballon d'or trophy celebrated by Inter Miami in Exhibition match

Inter Miami forward Lionel Messi held his Ballon d'or trophy before the team's friendly match against New

York City FC. Inter Miami got to celebrate the game's greatest player one more time in 2023. The match was put together to commemorate his eighth time winning the Ballon d'or presented annually to the game's top player at a black tie ceremony in Paris.

13. Roshibina Devi won silver at World Wushu Championship 2023

Asian Game Solver medallist Roshibina Devi won Silver in the Women's 60 kg category at 16th World Wushu Championship. She lost to Vietnam's Thi Thu Nguyen in the final. India ended its campaign with 1 silver and 2 bronze medals.

14. First ever Khelo India Para Games

The Union Minister of Youth Affairs and Sports announced the first ever Khelo India Para Games to be held in New Delhi. The mega event will witness over 1350 Para athletes from 32 states and Union Territories. A total of 7 disciplines will be held across three Sports Authority of India stadiums.

15. Sai-Chirag advance to 2nd round at China Masters Super 750

Satwiksairaj Rankireddy and Chirag Shetty advance at the China master's Super 750. The top seeds beat Akira Koga and Taichi Saito of Japan 21-15 and 21-16 to sail through to the quarterfinals.



16. India's 15 game unbeaten run at home shatters with a loss against QATAR

India lost to Qatar in the FIFA World Cup 2026 qualifier 0-3. India's record of 15 games unbeaten at home was shattered by the Qataris. Coach Igor Stimacs move to bench Goalkeeper Gurpreet Singh Sandhu backfired.

17. Novak Djokovic claims 7th ATP Finals crown

The Lawn Tennis Superstar Novak Djokovic claimed his seventh ATP Finals Crown sweeping aside local hero Jannik Sinner 6-3, 6-3. It was his 40th Masters 1000 title.

18. Australia won ICC ODI Cricket World Cup 2023

Australia won the ICC Men's ODI Cricket World Cup title for the sixth time after beating in-form India by six wickets. The final took place at Narendra Modi Stadium, Ahmedabad. Travis Head of Australia became Player of the Match with unbeaten 137 runs in 120 balls.

19. Surya Kiran Aerobatic Team to perform at India-Australia ICC World Cup Final

The Indian Air Force's Surya Kiran Aerobatic Team is set to amaze spectators at Narendra Modi Stadium with a ten minute air show before India-Australia ICC World Cup Final. The team will feature a fleet of nine HAWK aircraft.

20. PV sindhu joins Prakash Padukone in quest of Olympic Gold

Two time Olympic Medallist PV Sindhu disclosed of training under Prakash Padukone at his academy in Bengaluru in the lead up to the Paris Olympics. Sindhu made it onto the final four in Malaysia Masters, Canada Open, Arctic Open and Denmark Open in 2023.



21. Mohammed Shami is now highest wicket taker of India in ODI World Cup

In India vs Sri Lanka, ICC world cup 2023 match Indian fast bowler Mohammed Shami broke several records and now he is India's highest wicket-taker in ODI World Cup. He broke Zaheer Khan's record to achieve this milestone. Shami took 5 wickets in the match and now he has a total of 45 wickets in his list.

22. Mohun Bagan survive Jamshedpur's late charge to stay perfect in ISL-10

Mohun Bagan SG survived a late charge from Jamshedpur FC before eking out a 3-2 win on Wednesday and returning to the top of the standings with a perfect record.

23. SDAT signs MoU with Hyderabad Academy to promote Sports

A Memorandum of Understanding was signed by the State Sports Development Authority (SDAT) and Jwala Gutta Academy of Excellence, Hyderabad.

24. Capri Sports announced Jinisha Sharma as director

Capri Global ropes in Jinisha Sharma as the Director of Capri Sports. She will lead all sporting initiatives including present and future Investments. Under the Capri Sports umbrella, there are currently four teams, namely, the Bengal Warriors in the PKL (Pro Kabaddi League), the Rajasthan Warriors in Ultimate Kho-Kho, while in cricket they have the Sharjah Warriors in the ILT20 in UAE, and the UP Warriorz in the WPL (Women's Premier League) in India.



CAPRI SPORTS

25. Namibia confirm its birth at Men's T20 World Cup

After five wins from five games, the Southern African Nation Namibia confirms its berth at the Men's T20 World Cup 2024. It will be the third edition in a row that Namibia will be playing the Men's T20 World Cup.

26. Shubman Gill Takes the Helm as Gujarat Titans Captain

Young batting prodigy Shubman Gill has been appointed as the new captain of the Gujarat Titans franchise ahead of the Indian Premier League (IPL) 2024. Gill, who was a key player in the Titans' IPL 2022 title-winning campaign, will replace Hardik Pandya, who has moved to the Mumbai Indians.



27. Satwik-Chirag lost final at China Master's Super 750

India's Satwik-Chirag saved six match points in the decider before going down to World Number 1 Duo Liang Wei Keng-Wang Chang in Shenzhen. The thriller between the two duos went on for 71 minutes.

28. Anish Bhanwala won Bronze in World Cup Final at Doha

Anish Bhanwala won a Bronze Medal in the ISSF World Cup Shooting finals held in Doha. He won the Medal in the 25-metre rapid-fire pistol event. He missed the 3 of the 5 targets in the sixth series.



Miscellaneous

1. India's retail Inflation drops to 4.87 percent in October 2023

The National Statistical Office (NSO) has released All India Consumer Price Index (CPI) on Base 2012=100 and corresponding Consumer Food Price Index (CFPI) for Rural (R), Urban (U) and Combined (C) for the month of October 2023 (Provisional).

2. Astronaut Frank Borman passes away

Apollo astronaut Col Frank Borman who commanded the first mission to orbit the moon died in Billings, Montana. During the Apollo 8 mission Borman and his crewmates Jim Lovell and William Anders became the first people to orbit the moon and witness Earthrise.



3. Rajesh Dhankar takes over command of Eastern Fleet

Rear Admiral Rajesh Dhankar took over command of the Eastern Fleet, the Sword Arm of the Eastern Naval Command from Rear Admiral Gurcharan Singh. The change of guard took place at a ceremony held at Naval Dockyard, Visakhapatnam.

4. World Toilet Day observed on November 19

World Toilet Day, a United Nations Official international Observance day was celebrated on 19th November. The Ministry of Housing and Urban Affairs (MoHUA) initiated the Clean Toilets Campaign. The cities are to focus on Sanitation, Mechanised Desludging and Used Water Management.

5. National Milk Day 2023

The Department of Animal Husbandry and Dairying celebrated National Milk Day 2023 on November 26 at the Veterinary College in Guwahati. The day honours the 102nd birth anniversary of Dr Verghese the "Father of the White Revolution in India".

Person in News

1. Heeralal Samariya appointed as CIC

Shri Heeralal Samariya had been appointed as the Chief Information Commissioner in the Central Information Commission. He also administered the oath of office to Information Commissioner's Anandi Ramalingan and Shri Vinof Kumar Tiwari at a swearing-in ceremony organised in Central Information Commission.



2. Col Sunita becomes first woman to command AFTC

In a historic moment to the nation Army Medical Corps Officer Col Sunita BS became first women to assume the role of Commanding Officer at Armed Forces Transfusion Centre (AFTC), Delhi Cantt. She was previous Commanding a strategically important Field Hospital in Arunachal Pradesh.

3. Visitors Ophthalmologist Dr SS Badrinath passes away

Dr SS Badrinath the founder of India's biggest Charitable Eye hospital Sankara Nethralaya passes away at his residence. He is a renowned vitreoretinal surgeon. In 1978 he founded the Medical Research

Foundation of which Sankara Nethralaya is the hospital unit, a registered society and a charitable non profit Ophthalmic organisation.



4. Luc Frieden elected as Prime Minister of Luxembourg

The Prime Minister of India Shri Narendra Modi congratulated the newly elected Prime Minister of Luxembourg Luc Frieden. He was the ex finance minister. Outgoing Prime Minister Xavier Bettel said that his Democratic Party reached an agreement with Christian Social People's Party to form a government.

5. New CIC Heeralal Samariya calls on Union Minister Jitendra Singh

The Chief Information Commission of India today called on Union Minister of State Dr Jitendra Singh. He updated the RTI disposal rate having crossed 90 percent this year. This is the first meeting between CIC and DoPT Minister since Samariya was sworn in as CIC.

6. COAS Manoj Pande to visit Republic of Korea

General Manoj Pande, the Chief of Army Staff, made an official visit to the Republic of Korea. The aim of the visit is to further reinforce the robust Defence ties between the two nations. The visit commenced on 20th November which is a historic day. It is on this day 73 years back, 60 Para Field Ambulance of the Indian Army landed in Busan to provide much needed medical support during the Korean War.

7. Pedro Sanchez re elected as Spanish President

The Prime Minister of India Narendra Modi

congratulated Spanish Prime Minister Pedro Sanchez on his re-election as the President of Spain. Sanchez was voted for another term after a prolonged deadlock following the General election in July. Spain is a Parliamentary monarchy and Prime Minister in the head of the Government whose official title is the President of Government.



Science and Tech/Space/Defence

1. Amazon's Advanced AI model Olympus

Amazon unveiled its new project codenamed 'Olympus' aimed at training an ambitious AI model that it can integrate into its online store. Amazon is investing millions in training this large language model (LLM) . The model is to have 2 Trillion parameters potentially outstripping OpenAI's GPT-4..

2. First INDUS-X Investors meet

Innovations for Defence Excellence (iDEX) under the Department of Defence Production, Ministry of Defence and US Department of Defence organised the maiden INDUS-X Investors meet at New Delhi. The INDUS-X Educational series (Gurukul) was also launched during the event.

3. Successfully test of Pralay Tactical Ballistic Missile

India conducted a successful test of the Pralay Tactical Ballistic Missile off the coast of Odisha. The test marked a significant milestone as the Missile covered its entire range of 500 kilometres. The officials

stated that the test was highly successful and met all predetermined parameters.

4. Children's Science Festival

Union Minister Jitendra Singh inaugurated the Children's Science Festival at IIM. More than 350 students from about 55 schools from various regions of Jammu region showcased their talent in various competitions. The event was inspired by the Jigyasa programme which is a student-scientist connect programme implemented by the Council of Scientific and Industrial Research (CSIR).

5. Crest unveiling ceremony of INS Surat

The Crest of the Indian Navy's indigenous under-construction, guided Missile destroyer 'SURAT' was unveiled by the CM of Gujarat Shri Bhupendra Patel. INS Surat is a part of the Indian Navy's Project 15 B Warship Project. The project involves the construction of four next-generation stealth-guided Missile destroyers of which Surat is the fourth and last ship.

6. Chanakya Defence Dialogue 2023

The Chanakya Defence Dialogue organised by Indian Army in collaboration with the Centre for Land Warfare Studies (CLAWS) concluded with takeaways on Security Challenges in South Asia and the Indo-Pacific. The event was organised in Manekshaw centre and was centred around the theme 'Serving India and Indo-Pacific Region - Collaborating for Comprehensive Security'.

7. Indian Navy Sailing Championship (INSC) 2023

The Indian Navy Sailing Championship (INSC) was inaugurated by the Indian Navy in Mumbai. The Indian Naval Watermanship Training Centre (INWTC), Mumbai is geared to host 100 pan-Navy participants who will test their Sailing skills in five different classes of boats in three different formats of racing.

8. 9th edition of MITRA SHAKTI-2023

The ninth edition of Joint Military Exercise MITRA SHAKTI-2023 commenced in Aundh, Pune. The Indian Contingent of 120 personnel is being represented mainly by troops from Maratha Light Infantry Regiment. The aim of the Exercise is to jointly rehearse conduct of Sun Conventional Operations under Chapter VII of the United Nations Charter.

9. Launch of AMINI

The fourth ship of ASW Shallow Water Craft Project built by GRSE for the Indian Navy was launched at L&T Kattupalli. The launch ceremony was presided over by Vice Admiral Sandeep Naithani. In keeping maritime tradition Mrs Manju Naithani launched the ship to the invocation from Atharva Veda. The ship has been named Amini to signify strategic maritime importance accorded to the island of Amini at Lakshadweep located 400 km west of Kochi.

10. Infantry Commanders Conference 2023

The 37th Infantry Commander's Conference was successfully concluded at Infantry School, Mhow. The biennial conference was presided over by General Manoj Pande, Chief of Army Staff (COAS).



11. Indo-Pacific Regional Dialogue 2023

The annual apex level international conference of the Indian Navy the Indo-Pacific Regional Dialogue 2023 (IPRD-23) to be held in New Delhi. The IPRD follows hard on the heels of the Goa Maritime Conclave 2023. IPRD is the principal manifestation of the Navy's

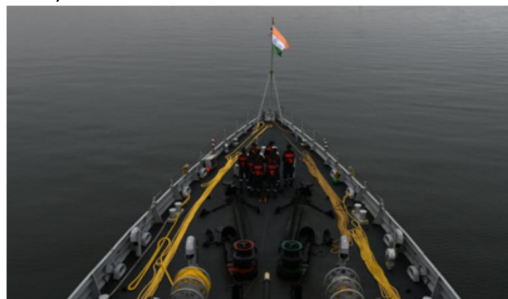
international engagement at the strategic level addressing holistic Maritime security issues across the Indo-Pacific.

12. Indian Navy Gunnery Symposium 2023

The Gunnery Symposium 2023 was conducted at INS Dronacharya, the Navy's Center for Excellence in Gunnery and Missile Warfare under the aegis of Headquarter Southern Naval Command. The theme for this year was 'Emerging Technologies in Gunnery and Missile Warfare'.

13. INS Sumedha Mission deployed at Walvis Bay

INS Sumedha with the Indian Navy's mission-based deployment to West Africa and Atlantic made a port call at Walvis Bay, Namibia from 10-13 November 23. During the visit, the Commanding Officer paid courtesy calls on Namibian dignitaries and senior defence officers including Navy Commander, Namibia Navy.



14. 4th edition of Exercise BONGO SAGAR

The 4th edition of Bilateral Exercise between Indian Navy and Bangladesh Navy BONGOSAGAR-23 was conducted in Northern Bay of Bengal. 5th edition of Coordinated Patrol (CORPAT) also took place between the two navies. Ships and aircraft from both navies undertook joint patrolling along the International Maritime Boundary Line (IMBL).

15. MoU between HQ IDS and CSIR

A Memorandum of Understanding was signed between Headquarters, Integrated Defence Staff and the CSIR. The MoU focused on the subject matter of

technical collaboration and joint research and development in the field of Defence Technology.

16. INS SUMEDHA deployed at Maputo

The Indian Naval Ship Sumedha as a part of the ongoing Extended Operational Deployment to Africa arrived at Maputo, Mozambique. It is aimed at strengthening long standing diplomatic relations, reinforce maritime cooperation and boost interoperability between both the navies.

17. AUSTRAHIND-23

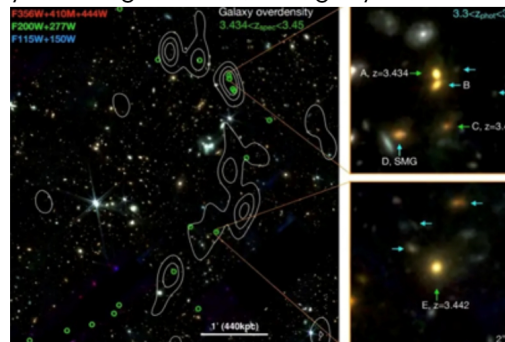
The 2nd edition of Joint Military Exercise AUSTRAHIND-23 commenced at Perth, Australia between Indian and Australian Armed Forces. The Indian Armed Forces contingent comprising of 81 personnel departed for Australia to take part on the exercise.

18. Atmospheric Wave Experiment (AWE) of NASA

NASA is set to launch the Atmospheric Wave Experiment (AWE) aimed at studying the interactions between Terrestrial and Space weather. It will be attached to the exterior of the International Space Station and will study colourful bands of light in Earth's atmosphere called Airglow.

19. James Webb Telescope discovered Cosmic Vine

The James Webb Telescope discovered a massive chain of 20 galaxies in the early universe nicknamed as Cosmic Vine. It swoops through space in a Bow shape estimated to stretch more than 13 million light-years long and 650,000 light years wide.



20. Annual UN Forum 2023

The United Service Institution (USI) of India organised the Annual UN Forum 2023 on "International Humanitarian Law and Peacekeeping" in New Delhi. The Forum is being organised in collaboration with the International Committee of the Red Cross and the Centre for UN Peacekeeping Operations. The USI is the country's oldest think tank established in 1870 for research and debate on national security and military affairs.

21. Launch of MCA Barge, LSAM 10

The Missile cum Ammunition Barge, LSAM 10 (Yard 78) built by MSME Shipyard, M/s SECON Engineering Projects pvt Ltd (SEPPL), Visakhapatnam for the Indian Navy. The launching ceremony was presided over by Cmde Shanmugam Sabesan, CRO (EAST). The Barge was launched at Guttenadevi, East Godavari, Andhra Pradesh.

22. NASA achieved First Light with DSOC Experiment

NASA's Deep Space Optical Communications Experiment achieved its First Light after a flight laser transceiver aboard the Agency's Psyche spacecraft transmitted and received near-infrared signals from Earth.

The Space Agency's Jet Propulsion Laboratory in Southern California reportedly oversees the DSOC Experiment.

23. Indian Navy Ocean Sailing Race 2023

The Indian Navy organised an inter-command Ocean Sailing race 2023 from Kochi to Goa. It was organised under the aegis of Indian Naval Sailing Association (INSA) based at Naval Headquarters (NHQ), New Delhi. They serve to impart the values of courage, camaraderie, endurance and esprit-de-corps amongst budding Naval Personnel.

24. Zorawar Light Tank

India's indigenously designed and developed light

tank named Zorawar to be installed at China border. The tank is designed for operations in high altitude regions. The DRDO collaborated with Larsen and Toubro for this project, aiming to equip the Indian Military with a highly mobile and accurate firepower platform.

25. Digital India RISC-V Program

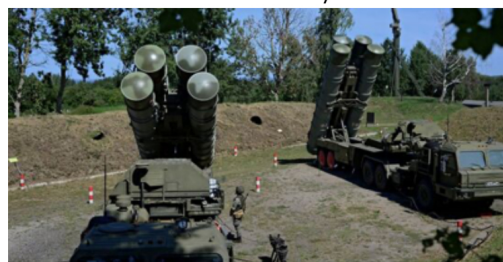
Union Minister Rajeev Chandrashekhar flagged off Nationwide roadshow on Digital India RISC-V (DIR-V) program. It is being jointly organised by C-DAC, IEEE, Indian Council and MeitY. The program will offer opportunities to students, Startups and entrepreneurs further catalysing the Semiconductor ecosystem in India.

26. Indigenous Light Combat Helicopter Prachand

The Indian Army successfully carried out the Inaugural firing of 70mm rocket and 20 mm turret guns of light combat helicopter (LCH) Prachand. The first LCH Squadron of the Army based out of Missamari section carried out the firing from air force station Likabali in Arunachal Pradesh. The Prachand is India's first Indigenous multi role combat helicopter developed by HAL.

27. S-400 deployed on China-Pak border

The Indian Air Force deployed its three S-400 defence Missile squadrons along borders with China and Pakistan. India and Russia officials are likely to start discussion of delivery of the remaining two units. As per the agreement 5 squadrons of S-400 missiles were set to be delivered by Russia to India



28. NASA's INFUSE Mission

NASA launched a sounding rocket as part of the Integral Field Ultraviolet Spectroscopy Experiment (INFUSE) mission to study the Cygnus Loop, a Supernova remnant. It will help in understanding how the stellar explosive deaths form new star systems in the universe.

29. Indian Navy launched DSC A 21

The Indian Navy launched a DSC A 21, the second ship of 05 x Diving Support Craft project. It is being built by Titagarh Rail Systems Ltd. (TRSL), Kolkata for the Indian Navy. The Launch ceremony was presided over by Vadm K Swaminathan, Chief of Personnel.

30. Carbon Nanoflorets made by IIT Bombay

A team of Researchers at IIT Bombay made Carbon Nanoflorets that can convert incident sunlight to heat with 87% efficiency. They are like tiny marigold floors made only of carbon which are called the material carbon nanoflorets.

31. Oorials converts from MiG-21 to SU-30 MKI

The number 4 Squadron (Oorials) of the Indian Air Force based at Air Force Station Uttarlai (Barmer) is converting from the MiG-21 to the SU-30 MKI. It will be marked as Watershed moment in the history of the Squadron operating the MiG-21 since 1966. The MiG-21 was the first Supersonic fighter in service of the IAF and was inducted in 1963.

32. 15th India-Singapore Defence policy Dialogue

The 15th India-Singapore Defence Policy Dialogue was held in New Delhi. The dialogue was co-chaired by Defence Secretary Shri Giridhar Aramane and Permanent secretary Singapore Mr Chang Heng Kee. Both sides agreed to enhance collaboration in Service to Service interactions, bilateral exercises and emerging areas such as Cyber security.

33. Indian Manufacturing Show

Defence Minister Rajnath Singh inaugurated a three

day India Manufacturing Show in Bengaluru, Karnataka. It has been jointly organised by Laghu Udyog Bharti and IMS Foundation supported by the Department of Defence Production, Ministry of Defence. Central theme of the event is 'Make in India, Make for the World'.

34. Defence Ministry signed Pact with BHEL

The Ministry of Defence signed an agreement with Bharat Heavy Electricals Limited (BHEL), Haridwar for procurement of 16 upgraded Super Rapid Gun Mount (SRGM). The Procurement is being done for the Indian Navy under Buy Indian category at a total cost of 2956 crore.

35. India Reaffirms Strategic Deterrence with Successful Agni-V Test-Fire

India successfully test-fired its Agni-V intercontinental ballistic missile on November 27th, demonstrating its advanced nuclear deterrent capabilities. The missile, capable of carrying a nuclear warhead, has a range of over 5,000 kilometers, reinforcing India's strategic reach and deterrence posture.

36. Galactic Infants and Teenage galaxies discovered by JWST

The James Webb Telescope discovered the Universe's Earliest Galaxies also called Galactic Infants. Astronomers call these the Galactic Teenagers. The researchers focused upon galaxies that formed about 2-3 billion years after the Big Bang event roughly 13.8 billion years ago.

37. Deformable Mirrors in Space

NASA stated that Deformable mirrors in space can help find alien life in the Universe. Deformable mirrors are mirrors whose surface can be bent to achieve wavefront control and optical aberration correction. The shape of these mirrors could be controlled with speed.

38. Space Missions could cause Erectile Dysfunction

Researchers at Florida State University and Wake Forest University stated that Cosmic Ray exposure on space missions could cause Erectile Dysfunction. When the rats' tissues were examined after exposure, the team found evidence of oxidative stress in the creature's tissues.



39. SouthEast Asia's First Night Sky Sanctuary in Ladakh

Ministry of Science and Technology to inaugurate South Asia's first Night Sky Sanctuary in Ladakh. The Sanctuary is being set up with the help of Indian Institute of Astrophysics Bengaluru affiliated to the Department of Science and Technology. "Ladakh's Pride" exhibition is to be held to mark the fourth anniversary of the establishment of UT of Ladakh.

40. High Energy Particle Amaterasu detected

The Astronomers have detected a rare and extremely high energy particle falling on Earth coming from an apparently empty region of Space. The Particle is named Amaterasu after the sun goddess in Japanese mythology.

41. 75th anniversary of NCC

The National Cadet Corps celebrated its 75th anniversary of its raising on November 26, 2023. The NCC is the largest uniformed youth organisation in the world raised in 1948. The Defence Secretary paid Homage to the fallen heroes at the National War Memorial.

42. Military Exercise SURYA KIRAN-XVII

The 17th edition of Joint Military Exercise SURYA KIRAN commenced at Pithoragarh, Uttarakhand. The exercise is held between the Indian Army and the Nepal Army. It is an annual event conducted alternatively in the two countries. The Indian Army Contingent is being led by a Battalion from Kumaon Regiment.

Health/Environment/Agriculture

1. Pit Latrines

A new study published in the Journal PLOS Water stated that Pit Latrines are home to unique microorganisms distinct from the human microbiome and those present in other treatment facilities. One of the most common Sanitation systems used across the world, Pit Latrines are filled with excrete, anal cleansing material, flush water and trash.

2. Green Development Pact for Sustainable Future

NITI Aayog organised a workshop on 'Green Development Pact for a Sustainable Future' at hotel Le Meridien, New Delhi. The Workshop was structured around the G20 New Delhi Leaders Declaration (NDLD) which includes the Green Development Pact. The Pact provides pathways for nations in their journey towards achieving the energy, climate, environment and disaster resilience related objectives.

3. Comprehensive Vestibular Lab for Patients

The Army Base Hospital, Delhi Cantt added another State of art healing intervention by establishing a Comprehensive Vestibular Lab. The cutting edge technology lab was inaugurated by Lt Gen Arindam Chatterjee, DGMS (army)

4. Red Aurora spotted in Ladakh

The Hanle and Merak observatories in Ladakh spotted a phenomenon uncommon in India- an intense red Aurora. Auroras are patterns of bright lights in the sky that are seen when particles ejected by the Sun interact with the magnetic field around the Earth. The

phenomenon is usually visible closer to poles.

5. Global TB Report 2023

The World Health Organisation released its Global TB Report 2023. WHO acknowledges India's success in declining TB incidence by 16 percent and TB Mortality reduction by 18 percent since 2015. The reduction of TB incidence almost doubles the pace of decline in Global TB Incidence.



6. 50 Odonata species identified in MTR

Around 50 Odonata species were identified on the first day of the two day Odonata Survey that commenced in Mudumalai Tiger Reserve. It is for the first time an Odonata Survey has been conducted in MTR. Odonata is one of the ancient orders of Insects.

7. Storm Ciaran sweeps across Western Europe

Storm Ciaran which follows Storm Babet sweeps across Western Europe killing seven people and injuring dozens. Torrential rain and 200 km/h winds force Schools to close and airlines and train companies to halt services. The effects of the storm were felt as far south as southern Spain and Portugal.

8. Morocco's abundant Renewable Energy Potential

A report released by the International Monetary Fund

(IMF) stated that Morocco should harness its abundant Renewable Energy potential for climate mitigation. It can reduce Morocco's high Reliance on imported Fuels and give it comparative advantage in neighbouring markets that are embracing green energy.

9. EESL launched National Efficient Cooking Programme (NECP)

The Energy Efficiency Services Limited (EESL) launched National Efficient Cooking Programme (NECP) and Energy Efficient Fans Programme (EEFP). These initiatives are aimed at revolutionising Cooking practices in India and emphasising on the importance and urgency of energy efficient fans.

10. Ecological Threat Report 2023

The Institute for Economics and Peace (IEP) released a report titled Ecological Threat Report 2023. The report revealed that more than half of the Hotspot countries facing a severe threat are in Sub-Saharan Africa, underscoring the pressing environmental challenges.

11. Evidence of Recurring Ancient Supereruption

Researchers have discovered a series of large undersea sediment deposits known as Megabeds in a region near Italy that were likely formed by ancient volcanic supereruption. The study's findings were published in journal Geology suggest that these structures were deposited during a volatile time when the Campi Flegrei Caldera and the Neapolitan Yellow Tuff supereruption were active.

12. Human Activities contribute 25 percent Global Dust emissions

Agriculture being the main anthropogenic source Human activities contribute 25 percent of Global Dust Emissions according to the United Nations Convention to Combat Desertification. Every year more than two billion tonnes of sand and dust travel over thousands

of kilometres through the Earth's atmosphere.

13. China-US climate deal

The United States and China announced an agreement to sharply increase clean energy, displace fossil fuels and reduce the emissions that are warming the planet. The US is the biggest climate polluter in history and China is currently the largest polluter. Together they account for 38 percent of World's Greenhouse Gases.



14. Lancet Countdown report calls for climate driven health action

The 8th annual report of the Lancet Countdown on Health and Climate Change shed light on the alarming convergence of factors that jeopardise the well being of individuals, public health and Healthcare systems on a global scale. The report reveals the health impacts of climate change are surging worldwide causing a devastating toll on lives and livelihoods.

15. WHO's Roadmap to end maternal TB

The World Health Organisation revised its 2023 roadmap to combat Tuberculosis among children and adolescents. In September 2023 at the second United Nations High Level Meeting on the fight against TB, commitments were redefined with a 2027 timeline.

16. IGBC-NEST for Sustainable Housing

The Confederation of Indian Industry and Indian Green Building Council have launched IGBC-Nest to the Individual Housing Sector. It is aimed at controlling and limiting carbon emissions. The move was towards

achieving the country's net zero goal by 2070.

17. New Gecko Species discovered in Mizoram

A team of scientists and researchers have discovered a new species of Gecko endemic to Mizoram taking the number of geckos native to the state to 6 and 22 across northeast India. The new species has been named *Cyrtodactylus Vairengtensis* after the town in Mizoram.



18. Health Pavilion inaugurated at 42nd IITF

Dr VK Paul, member of NITI AAYOG inaugurated the Health Pavilion at the 42nd India International Trade Fair. The theme of this year's pavilion is Vasudhaiva Kutumbakam, United by Trade and the theme of Health Pavilion is 'Ayushman Bhavya'.

19. Towards Eliminating Plastic Pollution by 2040

The OECD new report reveals the staggering amount of plastic pollution leaking into the environment each year.

The report estimated 21 million metric tonnes of plastic entered the environment in 2022 alone. Report released two days before the Intergovernmental Negotiating Committee on Plastic Pollution for the International Treaty on Plastics.

20. USD 1 billion on Polar research

French President Emmanuel Macron hosted a summit with Polar nations and scientists and pledged USD 1 billion on Polar research over the next decade and calling for protection for Polar Oceans. Experts warn temperatures are rising 4 times faster in the Arctic and half of glaciers may disappear by 2100.

21. CITES to take steps on big cat conservation

The parties to the Convention on International Trade in Endangered Species of Wild Flora and Fauna (CITES) have decided to join hands for illegal trade of parts and derivatives of jaguar and eliminating poaching through controlled enforcement drives. The meeting was held in Cuiaba, Brazil

22. New Sub Variant JN.1 of Omicron

The Centers for Disease Control and Prevention (CDC) in the US reported the emergence of a new sub variant of Omicron variant known as JN.1. It is derived from the Omicron Variant BA 2.8.6. The variant causes nearly 20 percent of all Covid cases in the US.

23. FDA approves World's first Chikungunya Vaccine

The US Food and Drug administration approves Valneva Single shot vaccine known as Ixchiq for individuals aged 18 and older. It is spread by bites from infected Aedes Mosquitoes similar to dengue and Zika. Chikungunya was first identified in 1952 in Tanzania and the first urban outbreaks were recorded in Thailand and India according to WHO.

24. State of Cryosphere Report 2023

The state of Cryosphere 2023- Two degrees is Too High report shows that all of the Earth's frozen parts will experience irreversible damage at 2 degree centigrade of global warming. It will be disastrous for millions of people, societies and nature.

25. WHO-CDC report on Measles Cases

The World Health Organisation (WHO) and the Centers for Disease Control Prevention (CDC) released a report on Measles cases and deaths. The report stated that due to the decline in Measles Vaccination, cases in 2022 rose by 18 percent and Deaths were up by 43 percent globally compared to 2021. Measles deaths were highest in low-income countries.

26. New Plant Species discovered in Western Ghats

Scientists from the Botanical Survey of India (BSI) report two new plant species from evergreen patches at the southern end of Western Ghats. The new species are named as Musseanda Conferta and Rungia Longistachya.



27. Rajaji Tiger Reserve Conservation Foundation

The Uttarakhand Cabinet gives nod to set up Rajaji Tiger Reserve Conservation Foundation. It will accelerate the ecological, economic, social and cultural development of the landscapes in and around the Reserve. Rajaji Tiger Reserve is located in Uttarakhand.



28. Aerogels to remove Trace Pollutants from Wastewater

Researchers at IIT Madras and Tel Aviv University have developed an aeroplane absorbent that can remove

trace pollutants from wastewater. The Graphene modified silica aerosol can remove over 76 percent of pollutants(ppm) when water is flowing. They are also known as Solid air or Frozen Smoke.

29. New Mushroom specie *Candolleomyces Albosquamosus*

Researchers at the Jawaharlal Nehru Tropical Botanic Garden and Research Institute (JNTBGRI) at Palode identified a new mushroom species, which has been named *Candolleomyces albosquamosus*.

30. The Sub committee for Operationalisation of Graded Response Action Plan invoked an 8-point action plan as per Stage 3 of GRAP in the entire NCR region. Delhi's average AQI stood at 402 coming to Severe Category. The 8 point action plan includes steps to be implemented by different agencies and Pollution Control Boards of NCR and DPCC.

31. *Saurauia Punduana* found in Manipur

The *Saurauia Punduana* plant native to Bhutan and Tibet has been found for the first time in Manipur's Tamenglong district. It is categorised as Critically Endangered by the International Union for Conservation of Nature (IUCN) Red List.

32. State of Wet Tropics Report 2023

The State of Wet Tropics 2022-23 report titled "Rescue and Recovery of threatened Wet Tropics species and ecological communities" was tabled in Queensland Parliament, Australia. Australia's biodiversity rich northern Rainforest designated as World Heritage Sites face escalating threats.

33. Mandatory blending of CBG in CNG and PNG

The Government of India announced the mandatory blending of Compressed Biogas in CNG and PNG segments of the CGD sector. CBG Blending Obligation (CBO) will promote production and consumption of Compressed BioGas (CBG) in the country.

34. New Specie of Triassic Dinosaur discovered

A new genus and species of Silesaur named *Amanasaurus Nesbitti* discovered by a duo of Paleontologists at Federal University of Santa Maria. He lived in Brazil during the Carnian age of the Late Triassic Epoch 233 million years ago.

