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6th Indian to be inducted into ICC Hall of Fame	Sachin Tendulkar
Lifetime Achievement Award at UK-India Awards 2019	Sir Mark Tully (Journalism)
Sportsperson of the Year 2019	Pankaj Advani (Billiards and Snooker) and Bajrang Punia (Wrestling).
Emerging Talent of the Year 2019	Saurabh Choudhary (shooting)
Team of the Year 2019	Vidarbha cricket team
4th World Yoga Festival and Championship 2019 held at Bulgaria, Sofia	Toran Yadav
All India Football Federation's (AIFF) Awards's - Men's Footballer of the year 2019	Sunil Chhetri
2019 Global Excellence Award of the US-India Strategic Partnership Forum (USISPF)	Azim Premji and Ajaypal Singh Banga
Network for the Promotion of Asian Cinema (NETPAC) Award for Best Asian Film	Gully Boy
Best Feature Film at 9 th edition of the SAARC(South Asian Association for Regional Cooperation) festival 2019 held in Colombo, Sri Lanka	Nagarkirtan
Sangita Kalanidhi Award 2019	S. Sowmya (Singer)
President's Award for Excellent CSR (Corporate Social Responsibility)	National Aluminium Company Limited (NALCO)
World Economic Forum's(WEF) 'Technology Pioneers' award 2019	Quantela Inc
Best innovation award of Indian Railways for the 2018-19 ('Plan Bee', a strategy)	Northeast Frontier Railway's (NFR) 'Plan Bee'
Outstanding performance from National Bank for Agriculture and Rural Development (NABARD)	Repco Micro Finance
Honorary Degree, Doctor of Letters from Melbourne-based La Trobe University	Shah Rukh Khan
Honorary Fellowship of the Royal College of Surgeons (FRCS) of Thailand	P. Raghuram Breast surgeon
Pacific Asia Travel Association (PATA) Gold Award 2019 under the "Marketing – Primary Government Destination" category	Ministry of Tourism's campaign, "Find the Incredible you"
People's Choice Prize at the Boston International Sand Art Championship 2019	Sudarshan Pattnaik (Sand Artist)
Miss Deaf World 2019	Vidisha Baliyan (Beauty Pageant)
Champions of Empathy Award	DD News (Doordarshan)
'The Society Global Indian Icon Award 2019	Dinesh Tiwari(Advocate)
Indian Women of Influence" award	Priya Priyadarshini Jain
Honorary doctorate from IIT Kanpur (Indian Institutes of Technology). Infosys Chairperson Sudha Murthy and missile woman Tessy Thomas were other two to receive this honor.	Pullela Gopichand
Most valued firm by market capitalization (m-cap)	Reliance Industries Ltd (RIL)
First civil servant & IPS Officer to conquer the 'Seven Summits' challenge	Aparna Kumar
2019 Raman Magsaysay Award	Ravish Kumar(Journalism)
2019 Pushkin Medal	Meeta Narain
Bharat Gaurav Award 2019	Kapil Dev (Sports)
Kalinga-FCC Awards for Excellence in Journalism for 2019	Reuters, BBC (Journalism)
'Pride of Nation Award'	Vinayak S Hiremath
National Award (He is a MIG police station in-charge in Indore)	Indresh Tripathi
Dr. A. P. J. Abdul Kalam award	K. Sivan
Centre for Cellular and Molecular Biology (CCMB)	K Thangaraj
International Broadcasting Convention's(IBC) highest award "International Honor for Excellence"	Andy Serkis (Actor)
BAF TA LA (British Academy of Film and Television Arts- Los Angeles branch)'s 14th edition of 2019 'We Care Film Festival on Disability Issues'	Steve Coogan
"Best innovation and initiative leadership award" at the 14 th World Education Summit-2019	I'm Jeeja (Documentary Film)
2019 NCPEDP- Mphasis Universal Design Award	Rajasthan
2019 NCPEDP- Mphasis Universal Design Award	Indian Institute of Technology-Delhi (IIT-D)
Euromoney's 'World's Best Bank'	DBS Bank
'Best Navratna' in the ' Manufacturing Sector The theme of the event was "Strengthening PSUs: Strengthening Brand India" .	Hindustan Petroleum Corporation Limited (HPCL)
Entrepreneur of the Year award 2019	Ruhan Rajput (Entrepreneur)
Miss World Diversity 2019 held in Port Louis, Mauritius	Transsexual woman Naaz Joshi (Beauty pageant)
'Chevalier de l'Ordre du Mrite Agricoletto' (Order of Agricultural Merit)	Priyam Chatterjee (chef)
2019 Prem Bhatia Award for his Outstanding Political Reporting	Mr. Rajdeep Sardesai
2019 South Asian Spelling Bee contest	Navneeth Murali Student
Clark R Bavin Wildlife Law Enforcement Award for the year 2019	Vivek Menon Biologist, author and wildlife conservationist
'Eminent Engineer Award' for the Year 2019	Prabhakar Singh Engineer
2019 'Technovation challenge', the world's largest technology and entrepreneurship programme for girls	"Tech Witches", Five girls from Noida, Uttar Pradesh Awarded for mobile App 'Maitri' which connects children at orphanages with senior citizens in old-age homes.
2019 SKOCH Governance Gold Award	Deendayal Antyodaya Yojana - National Urban Livelihoods Mission (DAY-NULM) for its Portal for Affordable Credit and Interest Subvention Access (PAiSA) portal
world record by planting over 22 cr saplings in one day on 77th anniversary of the Quit India Movement	UP govt
honorary doctorate degree by Melbourne's La Trobe University	"Shah Rukh Khan"
Ahead of the Independence day, a 15-km long tricolor unfurled by forming a human chain in	Raipur, Chhattisgarh
Geographical Identity (GI) tag	'Panchamirtham' of Palani temple

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Geographical Identity (GI) tag	Tawhlohpuan(a woven fabric) and Mizo Puanchei(a colourful Mizo shawl) from the State of Mizoram and Tirur betel vine from Kerala
Geographical Indication (GI) tag	Dindigul lock and Karaikudi Kandangi sarees
Geographical Indication(GI) tag	"Srivilliputtur Palkova"
Forbes magazine's Worlds Highest- Paid Actor Of 2019	Dwayne Johnson
Forbes magazine's world's Highest- Paid actress of 2019	Scarlett Johansson (United States)
First-Ever Female Officer To Be Appointed As Flight Commander	Wing Commander Shalija Dhani
Forbes magazine's 'highest-paid woman in music' category for the year 2019	Taylor Swift
Education Excellence Award 2019 by the Foundation For Excellence (FFE)	Anand Kumar
SASTRA Ramanujan prize for 2019	Adam Harper
28th Saraswati Samman 2018	Dr. K Siva Reddy
Union of European Football Association's (UEFA) President's Award 2019	Eric Cantona
Global Goalkeeper Award 2019 by the Bill and Melinda Gates Foundation	Narendra Modi For his work under the Swachh Bharat Abhiyan (SBA) Mission.
2019 "IT Excellence Award" by Express India	Odisha State Disaster Management Authority (OSDMA) For designing the app SATARK.
Oscars of science	Event Horizon Telescope Team consisting of 347 scientists
19th Annual Asian Achievers Awards 2019	Anil Agarwal (65)
2019 Asia Society Game Changers Award	Chhaya Sharma
Right Livelihood Award 2019(Sweden's Alternative Nobel Prize)	Greta Thunberg
Indian International Film Festival of Boston(IFFB) 2019	Neena Gupta
Nominated for the Oscar 2020 Film Awards from India	'Gully Boy'
'Magnificent performing arts award 2019' at 21 st century icon award ceremony held in UK	Sonu Nigam
2019 Dadasaheb Phalke award	Amitabh Bachchan
Forbes World's best 'regarded' companies list 2019	Visa
BrandZ Top 75 Most Valuable Indian Brands 2019 ranking by WPP & Kantar Millward Brown	HDFC Bank
United Nations (UN) Global Climate Action Award 2019	Infosys Limited
2019 'Lamp of Peace of Saint Francis ' award by Vatican city(smallest country in the world)	Prof MuhammadYunus
Indian Concrete Institute award 2019 (ICI award)	Megha Engineering and Infrastructures Limited (MEIL)
Order of Zayed II award	Ambassador Navdeep Singh Suri
World University Rankings 2020 by Times Higher Education (THE)	Indian Institute of Technology (IIT) Ropar and Indian Institute of Science (IISc) Bangalore were ranked first
Aga Khan Architecture Award 2019	Arcadia Education Project in South Kanarchor of Bangladesh
Academie des beaux-arts Photography Award - William Klein for 2019	Raghu Rai
Dr Kalam Smriti International Excellence Award for the year 2019	Sheik Hasina
Amnesty International's 'Ambassadors of Conscience' award for the year 2019	Greta Thunberg
Forbes' "Best International 1-Year Business Schools 2019" rankings	Indian School of Business (ISB) Hyderabad, Telangana
National Geoscience Awards for the year 2018's Award for Excellence	Syed Wajih Ahmad Naqvi
2019 Global leaders award 'Enterprise Edition 2019' in Dubai	Kapil Pathare
Pacific Asia Travel Association (PATA) awards for the year 2019	The Kerala tourism has won 3 PATA gold awards
1st Gauri Lankesh Memorial Award 2019 by the Gauri Lankesh Memorial Trust	Ravish Kumar
Changemaker Award 2019 at the Goalkeepers Global Goals Awards 2019	Payal Jangir
Airport Council International (ACI), 's best airport in terms of services it offered to passengers for the year 2018	Cochin International Airport Ltd (CIAL)
31st Punyabhushan Award for 2019	Dr. G. B. Deglurkar
2019 M P Birla Memorial Award	Thanu Padmanabhan
Kaushalacharya Awards event for 2019	53 Skill Trainers
2019 Booker Prize	Margaret Atwood → 'The Testament' Bernardine Evaristo → 'Girl, Woman, and other
EU's Sakharov prize 2019	Ilham Tohti (Economist) → "separatism"
Berggruen Prize 2019	Justice Ruth Bader Ginsburg (Philosophy and culture)
Wisden India Almanack Cricketer of the Year 2019	Jaspri Bumrah & Smriti Mandhana
UNHCR Nansen Refugee Award 2019	Azizbek Ashurov (Human rights lawyer)
10th India Social Entrepreneur of the Year Award for 2019	Shanti Raghavan & Dipesh Sutariya
'Most Eminent Senior Citizen Award'	Shri K. Parasaran (Bravery)
India's Most Powerful Women in Media" award	India's Kallie Puri
Doctorate of Arts degree(Music & Media)	Asha Bhosle (Singer)
People's Choice Award 2019	Short film 'Spirit of Kerala' Media
Orchestra of the Year 2019	Hong Kong Philharmonic Orchestra Music
DigiDhan mission fin-tech award 2018-19	Fintech firm BharatPe
Royal society science book prize 2019	Caroline Criado Perez Feminist, Activist and journalist
15th International Children's Peace Prize for 2019	Greta Thunberg & Divina Maloum Children's Peace
4th Asia Environmental Enforcement Award for 2019	IFS officer Ramesh Pandey
Fortune's 2019 "40 Under 40 list"	Arjun Bansal and Ankita Bose
Udyog Rattan Award 2019	Thakur Anup Singh (Business)
World's richest man title 2019	Bill Gates
National Corporate Social Responsibility Awards for 2019	Edelweiss Financial Services
UNESCO Asia-Pacific Awards for Cultural Heritage Conservation 2019 held in Penang, Malaysia won	Four heritage landmarks of India 1. Vikram Sarabhai Library from Indian Institute of Management (IIM), Ahmedabad – Award of Distinction

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	2. Keneseth Eliyadoo Synagogue, Mumbai - Award of Merit 3. Our Lady of Glory Church, Mumbai - Award of Merit 4. Flora Fountain, Mumbai - Honourable mention
28th Vyas Samman for the year 2018	Leeladhar Jagoori (Hindi writer)
'Early Career Researcher of the Year 2019 (Physical Sciences)	Neeraj Sharma
Raja Ram Mohan Roy Award 2019	Gulab Kothari (Author & Journalist) The award was presented by the Press Council of India (PCI).
JCB (J. C. Bamford Excavators Ltd.) Prize for Literature 2019	Madhuri Vijay (Author) She won the 2019 award for her debut novel 'The Far Field'. Vijay (from Bengaluru, Karnataka),
Gemcon Young Literature Award 2019	Abhisek Sarkar (Writer) He won for his Manuscript "Nishiddho". Bangladeshi poet
BRICS-Young Innovator Prize, 2019	Ravi Prakash (Scientist) He was awarded during the 4th BRICS -Young Scientist Forum (YSF), 2019 held in Rio de Janeiro, Brazil. The theme for 4th BRICS -YSF was "Cybersecurity and Bio economy".
Person of the Year for 2019 by People for the Ethical Treatment of Animals (PETA) India	Virat Kohli
Italian Golden Sand Art Award 2019	Sudarsan Pattnaik (Sand Art)
First IFFI "Icon of Golden Jubilee Award"	S Rajinikanth (Actor)
'British Academy of Film and Television Awards' (BAFTA) 2019 award	Documentary on the Real Kashmir Football Club (RKFC) It is awarded in the 'Single Documentary' category
" SAG Life Achievement Award 2019"	Robert Anthony De Niro Jr Actor, Director & Producer
20th edition of the US award for Corporate Excellence 2019	Pepsico India
World's top Public Business Accelerator in UBI Awards & Recognition Gala event 2019	Kerala Startup Mission(KSUM)
2019 Golden Leaf Award	Tobacco Board of India
Golden Peacock Award for Sustainability 2019 award	NTPC Ltd (National Thermal Power Corporation Limited)
UNESCO Creative Cities Network(UCCN) in the field of "film"	Mumbai Hyderabad was designated in the field of "Gastronomy"
5th Edition of 'Miss Asia Global Title 2019'	Sara Damjanovic from Serbia Beauty Pageant
Deming award 'Distinguished Service Award for Dissemination and Promotion Overseas'	Venu Srinivasan (Industrialist)
Indira Gandhi Prize for Peace, Disarmament, and Development 2019 prize	David Frederick Attenborough
2019 ABLF Global Asian Award	Kumar Mangalam Birla The award was given for 'powerful individual
World Monument Watch list for 2020	Karnataka's Suranga Bawadi
International Call Centre Award event in Dubai	UP Police bagged 3rd prize
GI tag	Darjeeling green and white tea
1st in Fortune's Businessperson of the Year 2019 list	Satya Nadella (the CEO of Microsoft)

National Film Awards 2019

Best Feature Film	HELLARO (Gujarati)
Best Actor (Shared)	Ayushmann Khurrana (ANDHADHUN) & Vicky Kaushal (URI : THE SURGICAL STRIKE)
Best Actress	Keerthy Suresh (MAHANATI)
Best Direction	Director: Aditya Dhar URI : THE SURGICAL STRIKE

Gallantry awards and other decorations- 2019

Shri Ram Nath Kovind approved 132 Awards to Armed Forces Personnel and members of Paramilitary Forces.

2 - Kirti Chakras → Sapper Prakash Jadhav, Harshpal Singh,

1 - Vir Chakra, → Abhinandan Varthaman

14 - Shaurya Chakras,

8 - Bar to Sena Medals (Gallantry),

90 - Sena Medals (Gallantry),

5- Nao Sena Medals (Gallantry),

7 - Vayu Sena Medals (Gallantry) and

5 - Yudh Seva Medals.

President Ram Nath Kovind Addresses Swachh Mahotsav 2019 Held In Vigyan Bhavan, New Delhi

Best Swachh Iconic Place award	Shri Mata Vaishno Devi Temple in Jammu and Kashmir(J&K) Category: Overall improvement in sanitation
Best Swachh Iconic Place Award	Chhatrapati Shivaji Maharaj Terminus (CSMT) Category: Swachh Bharat Mission Initiative
Best ministry for implementation of Swachhta Action Plan for 2018-19	Ministry of Railways
Swachhta Pakhwada Award	Department of Defence
Best Public Sector Undertakings (PSUs)	Power Grid Corporation (for its contribution to Swachh Bharat Kosh)
Open Defecation Free (ODF) and Behavior Change	Gujarat and Sikkim
Ganga Gram Award	Village Baghori in Uttarkashi, Uttarakhand
Swachh Bharat Summer Internship	Ranjitha S for NCC(National Cadet Corps)Bharatiya Shaheed Sainik School (Nainital) for NSS(National Service Scheme), Vision Youth Association(Anantapuramu Andhra Pradesh) for Nehru Yuva Kendra Sangathan (NYKS)

The 71st annual Primetime Creative Arts **Emmy Awards** ceremony for 2019 was held over two nights on September 14- 15, 2019 at the Microsoft Theater in Los Angeles, United States.

> Home Box Office's (HBO) Game of Thrones received 10 awards at Creative Arts Emmy Awards 2019.

> HBO's "Chernobyl" won 7 awards and Amazon Prime Video's "The Marvelous Mrs. Maisel" won 6 awards.

FIFA Football Awards 2019 held in Teatro alla Scala in Milan, Italy

The Best FIFA Men's Player	Lionel Messi (Argentina)
The Best FIFA Women's Player	Megan Rapinoe (America)

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The Best FIFA Men's coach	JurgenKlopp (Germany)
The Best FIFA Women's coach	Jill Ellis (America)
Best FIFA Men's goalkeeper	Alisson Becker (Brazil)
The Best FIFA Women's goalkeeper	Sari van Veenendaal (Netherlands)
FIFA Puskás Award	Daniel Zsori (Hungary)
FIFA fan Award	Silvia Grecco
FIFA fair play award	Marcelo Bielsa and the Leeds United squad

- Youngest person to pass the "Mahapariksha" - Priyavrata
- "Global Top 50 IB Schools 2019" by United Kingdom(UK) - Dhirubhai Ambani International School (DAIS), Mumbai, 10th position
- Youngest state governor - Dr. Tamilisai Soundararajan.
- The Guardian list of the 100 Best Films of the 21st century- Only Indian film in the list - Gangs Of Wasseypur- It claimed the 59th position. The first spot was claimed by the film There Will Be Blood(2007)
- The first station awarded with green 'Platinum rating' by the Indian Green Building Council (IGBC) - Secunderabad railway station
- Nominated for an Oscar 2020 - Moti Bagh- documentary film
- Institution of Eminence (IOE)' status by the Ministry of Human Resource development (MHRD - OP Jindal Global University (JGU)
- Most valued domestic firm in market capitalisation (m-cap) - Reliance Industries Limited RIL)
- QS(Quacquarelli Symonds) Graduate Employability Rankings 2020 - Indian Institute of Technology(IIT) Bombay- topped all the Indian institutes in the list with band ranking 11-120
- Creates history by entering into the Guinness book of world records - Ladakhi Shondol dance
- World's best real-time payment service in comparison to the similar facilities of 54 countries. - India's Immediate Payment Service (IMPS)
- Mrs India - Pride of the Nation 2019 - Pooja Desai
- Veteran Pin by the International Association of Athletics Federation (IAAF) - PT Usha
- IIFL (India Infoline Finance Limited) Wealth Hurun India Rich List 2019 - Mukesh Ambani

NOBLE PRIZE 2019

CATEGORY	WINNER	Reason
Physiology or Medicine	William G Kaelin Jr Peter J Ratcliffe Gregg L Semenza	For discovering how cells sense and adapt to oxygen availability. The scientists identified molecular machinery that regulates the activity of genes in response to varying levels of oxygen. This discovery will help to form new strategies to fight anemia, cancer and several other diseases.
Physics	James Peebles → Michel Mayor, → Didier Queloz	"For theoretical discoveries in physical cosmology" "For the discovery of an exoplanet orbiting a solar-type star".
Chemistry	John B Goodenough, M Stanley hittingham, Akira yoshino	For their pivotal role in making lithium ion batteries
Literature	2018 Polish author Olga Tokarczuk 2019 Austrian Peter Handke	"For a narrative imagination that with encyclopedic passion represents the crossing of boundaries as a form of life" "For an influential work that with linguistic ingenuity has explored the periphery and the specificity of human experience. "
Peace	Abiy Ahmed Ali	For his efforts to promote reconciliation, solidarity and social justice, and in particular for his decisive initiative to resolve the border conflict (more than 20 years of conflict) with neighbouring Eritrea.
Economic Sciences	Abhijit Banerjee, Esther Duflo, Michael Kremer	For their experimental approach to reduce global poverty.

- The 13th edition of the Press Institute of India (PII)- International Committee of the Red Cross (ICRC) annual awards 2019 were organized in New Delhi.

The awards were given under the theme "Impact of Climate Change on Humanitarian issues".

- Pune headquartered Bajaj Finance overtook SBI in market capitalization
- Shiv Nadar from HCL tops EdelGive Hurun India Philanthropy List 2019
- Kerala's nun Mariam thresia receives the title of 'Saint', 93 years after her death
- PV Sindhu ranked 13th in Forbes list of world's highest paid women athletes for 2019; Serena Williams tops
- US astronauts Christina Koch and Jessica Meir creates history by embarking on the first ever all- female spacewalk
- Delhi students' "Rakshak" and "VisionAir" apps won 2019 Marconi Society's Celestini Programme awards
- Indian actor Nawazuddin siddiqui receives Golden dragon award at Cardiff international film festival 2019 held in Wales, UK

Asian Academy Creative Awards 2019 Regional Winners

The awards will be presented over two nights on December 5 and 6, 2019 at the Victoria Theatre, Singapore.

Category	Awardee
Best Actor	Sumedh Mudgalkar – RadhaKrishn by Swastik Productions for Star Bharat
Best Actress	Shefali Shah – Delhi Crime by Golden Karavan Productions/Ivanhoe Pictures for Netflix
Best Direction	Richie Mehta for Delhi Crime by Golden Karavan Productions/ Ivanhoe Pictures for Netflix
Best Feature Film	Gully Boy by Excel Entertainment

BOOKS AND AUTHORS

Book Name	Author	Other Information
'Whispers of Time'	Dr. Krishna Saksena	Minister of Textiles and Minister of Women and Child Development, Smriti Zubin Irani launched the book written by Dr. Krishna Saksena (91) at India International Centre in New Delhi. The book was published by Prabhat Prakashan
Vivekadeepini, a summary of Prashnottara Ratnamalika	Adi Shankaracharya	It is a concise book of aphorisms (a memorable expression of a general truth or principle) & released by Vice President of India, Shri M. Venkaiah Naidu.
"War over Words: Censorship in	Devika Sethi	It explains the state censorship in India in the transition period from colonial

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India, 1930-1960"		to national rule, when historical actors behaved in unpredictable ways
Kargil: Untold stories from the War	Rachna Bisht Rawat	The book has been published by Penguin Random House. 2019 marks the 20th anniversary of the Kargil War that was initiated in the May of 1999 in an effort to displace Pakistani soldiers from the peaks they had occupied on the Indian side of the Line of Control (LoC).
Who Stole My Job	Sunil Mishra	The book was first released in April 2019 and has received a very positive response from readers across the globe.
Indo-Pak Relations: Beyond Pulwama and Balakot	Dr. U V Singh	It deals with the fundamental causes of the Indo-Pak conflict. It is published by Pentagon Press.
"Fire and Fury Corps - Saga of Valour, Fortitude and Sacrifice		It showcases the history and achievements of the 'Fire & Fury Corps' which guards the Line of Control (LoC) and Line of Actual Control (LAC) in Ladakh region of Jammu and Kashmir, was released by Lieutenant General Ranbir Singh, General Officer Commanding-in-Chief Northern Command at Leh.
Chandra Shekhar - The Last Icon of Ideological Politics	Shri Harivansh, Deputy Chairman, Rajya Sabha, and Shri Ravi Dutt Bajpai	The book was released at the Balayogi Auditorium, Parliament Library Building in New Delhi
New-Age Technology and Industrial Revolution 4.0	Rajya Sabha Member, Dr Narendra Jadhav	The book is published by Konark Publishers. The Vice President of India Shri Venkaiah Naidu released the book.
The Coffee Table Book		50 years of Partnership for Change, to commemorate 50 years of partnership between Ministry and United Nation World Food Programme (UNWFP) towards addressing food and nutritional security in India
Tools and Weapons: The Promise and The Peril of the Digital Age	Brad Smith & Carol Ann Browne	It is published by Hachette Publishers.
The Book of gutsy Women	Hilary Rodham Clinton (called as Hilary Clinton) and her daughter Chelsea Clinton	To honour famous women personalities. The book will be published by Simon & Schuster Publications on October 1, 2019.
'Listening, Learning and Leading'		The book marks Shri Venkaiah Naidu's two years of service as vice president was launched by Union Home minister Amit Shah at Kalaivanar Arangam, Chennai during the function organized by Information and Broadcasting Ministry.
Sridevi: Girl Woman Superstar	Satyarth Nayak	The book recalled the life and times (in Hindi, Tamil, Telugu, Malayalam and Kannada Cinema) of the legendary actor Sridevi will be published under the Ebury Press imprint of Penguin Random House in October 2019.
'Kashmir's untold story: Declassification	Delhi-based filmmaker Iqbal Chand Malhotra and defence analyst Maroof Raza	The book portrays the time of political and geographical consolidations of Jammu & Kashmir (J&K), beginning from the era of Maharaja Gulab Singh till the present day. It Was published by Bloomsbury publishers.
Second Night	Rajiv Dogra	It was published by Rupa. This novel describes and focuses on friendship, love, And loss in the life of a woman.
The Diary of Manu Gandhi(1943-44)	Dr. Tridip Suhrud	Shri Prahlad Singh Patel, Union Minister of State (Independent Charge) for Culture and Tourism has launched the book called 'the Diary of Manu Gandhi '(1943-44) at a function in the auditorium of Nehru Memorial Museum and Library, New Delhi. It has been brought out by National Archives of India in collaboration with Oxford University Press.
"Big Billion Startup: The Untold Flipkart Story" and is published by "Pan Macmillan India"	Mihir Dalal	This book recounts the story of how Binny Bansal and Sachin Bansal (both-former founders of flipkart) built e-commerce giant Flipkart
"Obama: The Call of History"	Peter Baker	A book on Barack Obama, former United States (US) President, titled "Obama: The Call of History" has been written by Peter Baker, the Chief White House Correspondent for The New York Times. It gives an in-depth Account of Obama's years in office. It has Been published by Penguin India.
A Short History of Indian Railways	Rajendra B Aklekar	The book covers the history of Indian Railways details the journey of the national transporter starting from the 1830s (almost 15 years before the official train run of 1853) to the new high-speed Train 18 and Prime Minister (PM) Narendra Modi's ambitious bullet train project, has been introduced in Mumbai, Maharashtra.
'Jin Dhoondha Tin Paaiyan	O P Singh	Chief Minister of Haryana, Manohar Lal Khattar released a book
Oru Manidhan, Oru Iyakkam		It depicts life of Dravida Munnetra Kazhagam (Dravidian Progressive Conference) (DMK) leader Late M Karunanidhi, the former Tamil Nadu chief minister.
Resurgent India	Bimal Jalan	The book talks about key priorities that can be implemented by the new government in national interest, irrespective of the political agenda of the party that come to power.
"First They Erased Our Name: A Rohingya Speaks"	Sophie Ansel (France)	It will be formally released by Penguin Random House (India). The book documents the troubles of Rohingya community, through the eyes of a Rohingya, "Habiburahman", who was born and raised in a small village in western Burma
"India's Lost Frontier the Story of the North-West Frontier Province of Pakistan"	Raghvendra Singh	It is published by Rupa Publications, New Delhi.
2nd edition of 'Loktantra Ke Swar (Khand 2)' and 'The Republican Ethic		The Vice President of India, Shri M. Venkaiah Naidu released the books, at Pravasi Bharatiya Kendra in New Delhi. It will be released with the aim to promote and diffuse Selected speeches of President Ram Nath Kovind, President of India.

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"Phoolpur: Indian Flowers, Their Myths, Traditions and Usage"	Jhelum Biswas Bose	It is published by Penguin India. The book's Foreword is written by actor Lisa Ray.
'Glorious Diaspora- Pride of India'		Vice President of India, Shri M. Venkaiah Naidu has released a coffee table book on Pravasi Bharatiya Samman awardees in New Delhi.
'Fortune Turners: The Quartet that spun India to glory'	Aditya Bhushan and Sachin Bajaj	It is published by Global Cricket School. It reveals the careers of the famous four spinners of Indian cricket team- Bishan Singh Bedi, Erapalli Prasanna, Bhagwat Chandrashekhar and S. Venkataraghavan.
"Savarkar: Echoes from a forgotten past, 1883-1924"	Vikram Sampath	It describes the life of freedom fighter and Philosopher Vinayak Damodar Savarkar, popularly known as Veer Savarkar, was released on August 8, 2019, by Viking Penguin publishers.
'Rethinking Good Governance'	Vinod Rai	Vice President of India, Shri M. Venkaiah Naidu has released the book. The book has been published by Rupa publications.
"Being Gandhi"	Paro Anand	It marks the 150th anniversary of Mahatma Gandhi. The book, published by Harper Collins Children's Books, explores the life events of Gandhiji.
Turbulence & Triumph: The Modi Years	Rahul Agarwal and Bharathi S Pradhan	It is published by Om Books International. It depicts the journey of Prime Minister Narendra Modi from this young days to Becoming 14th prime minister of India.
'Himalayan Odyssey'	Veerendra Kumar	The book is an English translation of the Kendra Sahitya Akademi and Kerala Sahitya Akademi award-winning Malayalam original 'Haimavathabhuvil' by Veerendra Kumar, who is also the Chief Managing Director(CMD) of Mathrubhumi.
From Leeches to Slug Glue: 25 Explosive Ideas that Made (and Are Making) Modern Medicine	Roopa Pai	The book traces the origins of experiments and discoveries in science and medicine evolution spanning over 2, 500 years and several geographies, is to be released on September 28, 2019. The book is authored by Roopa Pai and will be published by Publisher Puffin Books.
India in the Persianate Age: 1000-1765	Richard M Eaton	This book mainly focuses on the rise of Persian culture and also about the civilisations, architecture, upheavals, and the art of the Indian subcontinent between 11 th and 18 th centuries. The book is published by Penguin India.
'Girl Power: Indian Women Who Broke The Rules'	Neha J Hiranandani	The book is about the stories/achievements of 50 Indian women role models. The book is published by Scholastic India.
'Professor Ayushman'		The book is conceived by the National Medicinal Plants Board (NMPB) was unveiled by the Ayush ministry in New Delhi. This book will raise awareness in children about the importance of medicinal plants and their usage.
'Reset: Regaining India's Economic Legacy'	Subramanian Swamy	Pranab Mukherjee, the former president of India has released a book. The book has been published by Rupa Publications India.
Game of Votes: Visual Media Politics and Elections in the Digital Era	Farhat Basir Khan	It details the evolution of election campaigns in India. It has been published by SAGE Publication. The preface of the book has been written by Former President Pranab Mukherjee.
Loss	Siddharth Dhanvant Shanghvi	The book is a record on death and grief, drawing on a stock of personal losses of his parents and a beloved pet (Bruschetta). The book has been published by HarperCollins India.
Lal Bahadur Shastri: Politics and Beyond	Sandeep Shastri	It is published by Rupa Publications. It depicts the early influences, political associations and historical decisions of Lal Bahadur Shastri, India's second prime Minister.
India in the Persianate Age: 1000-1765	Richard M Eaton	
The Cousins Thackeray: Uddhav, Raj and the Shadow of their Senas	Dhaval Kulkarni	
First They Erased Our Name: A Rohingya Speaks	Sophie Ansel (France)	
"India's Lost Frontier the Story of the North-West Frontier Province of Pakistan"	Raghvendra Singh	
"Carpenters and Kings: Western Christianity and the Idea of India"	Siddhartha Sarma	It is published by Penguin Hamish Hamilton India. It examines the history of Christianity in India in the context of local and global events.
"How to Avoid a Climate Disaster: The Solutions We Have and the Breakthroughs We Need"	Bill Gates	It will be published by UK-based Allen Lane Publishers. The book is about climate change and the possible solutions to prevent an environmental crisis.
"The Great Game in the Buddhist Himalayas: India and China's Quest for Strategic Dominance"	Phunchok Stobdan	The author describes the Dalai Lama factor which caused the Buddhist Himalayas to be in a state of flux, especially in the current India-China relationship.
"The Tech Whisperer"	Jaspreet Bindra	Published by-Penguin India. The key feature of this book is the chapter AI which is written by AI. In partnership with Findability Sciences, Jaspreet Bindra rigged up an AI to write
'India and the Netherlands- Past, Present and Future'	Venu Rajamony	Published by- Bombay Ink. The book portrays the history of bilateral relations between India and the Netherlands and was released at the prestigious Rijks museum (National Museum) in Amsterdam, Netherlands during a seminar on the Indo-Dutch bilateral relations.
"Becoming: A Guided Journal for Discovering Your Voice"	Michelle Obama	It is published by Clarkson Potter, an imprint of Random House, a division of Penguin Random House. The journal will be published in more than 20 countries.

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'150 Years of Celebrating the Mahatma the South African Legacy'	Fakir Hassen	Launched on the occasion of Mahatma Gandhi's 150th birth anniversary in Johannesburg, South Africa.
"India in a Warming world: Integrating Climate Change and Development"	Nitin Desai	Edited by Navroz K Dubash set to release Book titled "India in a Warming world: Integrating Climate Change and Development " featuring a collection of articles by climate experts including Sunita Narain, Anil Agarwal, Dr. Friederike Otto & Shibani Ghosh, edited by Navroz K Dubash is set to release in November 2019. It is published by Oxford University Press (OUP). The foreword of the book is written by Nitin Desai, former Under-Secretary General (Economic and Social Affairs) at the United Nations.
"Mind Master: Winning Lessons from a Champion's Life"	Vishwanathan Anand	Indian first chess grandmaster and 5-time world champion, Shri Vishwanathan Anand authored a new book titled "Mind Master: Winning Lessons from a Champion's Life" which portrays his experiences in life as well as in the game. The book published by Hachette India will be released on December 11, 2019. He was the first world champion from Asia
"The Daughter from a Wishing Tree: Unusual Tales About Women in Mythology"	Sudha Murty	The book titled "The Daughter from a Wishing Tree: Unusual Tales About Women in Mythology" written by Indian writer Sudha Murty released. It is published by Puffin Publishers. It is a mythology series depicting the untold stories of women in mythology (collection of myths).
"Dark Fear, Eerie Cities: New Hindi Cinema in Neoliberal India"	Sarunas Paunksnis	A new book titled "Dark Fear, Eerie Cities: New Hindi Cinema in Neoliberal India" authored by Sarunas Paunksnis, professor at Kaunas University of Technology, Lithuania was released.
"Bridgital Nation"	Shri N Chandrasekaran, Ms. Roopa Purushottam	Prime Minister (PM) of India, Shri Narendra Modi unveiled a book titled "Bridgital Nation" in New Delhi, where the first copy of the book was presented to Shri Ratan Tata. The book is written by Natarajan Chandrasekaran Chairman of Tata Sons and Ms. Roopa Purushothaman, chief Economist & head of policy advocacy of Tata Sons.
"Measuring Poverty around the World"	Late economist Anthony B Atkinson	The final book of late British economist Anthony Barnes Atkinson titled "Measuring Poverty around the World" has been released and published by Penguin Random House
"Ten Studies in Kashmir: History and Politics"	Prof K N Pandit's	An Indian historian, educationist and Padma Shri recipient, Kashi Nath Pandit's new book entitled "Ten Studies in Kashmir: History and Politics", published by Academic Foundation
"The True Meaning of Yoga" penned by	Atman in Ravi	Spiritual philosopher, mentor and author, Atman in Ravi's (AiR) new book entitled "The True Meaning of Yoga" has been released. The book has been published by AiR Institute of Realization.
"Markendya Purana" and "The Bhagavad Gita"	Bibek Debroy	Economist and author Bibek Debroy has written English translations of 2 Hindu mythological texts- 'Markendya Purana' and 'The Bhagavad Gita'. These are published by Penguin Publishers.
"Suncatcher"	Romesh Guneseckera's	Man Booker Prize-shortlisted Sri Lankan author Romesh Guneseckera's new novel "Suncatcher" is set to release in November 2019. It is published by Bloomsbury Publishers.
"The Unquiet River: A biography of the Brahmaputra"	Arupjyoti Saikia	A new book titled "The Unquiet River: A biography of the Brahmaputra" by historian Arupjyoti Saikia is to be released. The book which will be published by Oxford University Press (OUP), portrays the landscape of Assam valley and the livelihoods around, that shaped the river.
"The Parrot Green Saree"	Nabaneeta Sen's	The last novel of Bengali writer Nabaneeta Sen's Naxal trilogy, "Phoenix" has been translated and released in English. The book is titled as "The Parrot Green Saree" in English.
The RSS: Roadmaps for 21st Century	Sunil Ambekar	
Modern English Poetry	Sudeep Sen	This is a new anthology. Noted Poet, translator, and editor Sudeep Sen, has edited the anthology, which contains pieces by 70 poets who are in their 40s or less.
The First Sikh: The Life and Legacy of Guru Nanak	Nikky-Guninder Kaur Singh	The book describes about the majestic and magisterial portrait" of the life and legacy of Guru Nanak.
Guru Nanak Bani, Nanak Bani, and Sakhian Guru Nanak Dev		Union Minister of Human Resource Development (MHRD) Shri Ramesh Pokhriyal 'Nishank' and Minister for Food Processing Industries (MoFPI) Smt. Harsimrat Kaur Badal launched the book.
Kashmir	Chitralkha Zutshi	The book is part of Oxford India's short introduction series.
Accidental Magic	Keshava Guha	It is published by HarperCollins India, was launched at the 8 th edition of Bangalore Literature Festival in Bengaluru, Karnataka.
Assamese version of "Courts of India: Past to Present"		Ranjan Gogoi, Chief Justice of India (CJI) released the book.
An Extreme Love of Coffee	Harish Bhat	It is published by Penguin Random House India with the collaboration of Tata Starbucks launched at Starbucks, Mumbai. Harish Bhat also wrote the bestselling book named "Tata log", and he is a chairman of Tata Coffee Ltd and also the brand custodian of Tata Sons Private Limited.
Savarkar: Echoes from a Forgotten Past, 1883-1924	Vikram Sampath	Vice President of India Shri Venkaiah Naidu released the book. It is published by Viking Penguin publishers.
From uttapam to sprouted dal parantha		UNICEF (United Nations Children's Fund) has released the book. The book is based on the findings of the overall National Nutrition Survey 2016-18, according to which 35 % of children under the age of five are stunted (low height for age), 17% are Wasted

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		(low weight for height) and 33 % are underweight.
From Shanties to School	Manimala Roy	It explores 1991 economic reforms on literacy especially among the migrant laborers of Delhi and their children. It was launched by the senior journalist and former MP (Member of Parliament) Hari Krishan together with former vice-chancellor of Delhi University Dinesh Singh. . This book was published by Konark Publishers.
The Daughter from a Wishing Tree: Unusual Tales about Women in Mythology	Sudha Murty	The book published by Penguin Random House India, portrays life of enchanting women and their untold stories.
The Chronicle	Matt Reeck	It is translation of the book "Tazkirah" penned by Late Pakistani writer Intizar Husain. This is Booker-prize shortlisted 1987 Urdu novel.

SPORTS NEWS

ISSF Junior World Cup Rifle / Pistol / Shotgun in Suhl (Germany) - India Topped the Medal Tally with 24 Medals (10 Gold, 9 Silver and 5 Bronze). China was 2nd with 24 Medals and Germany Third with 10 Medals. Indian Gold Medalists -

1. Vijayveer Sidhu - Men's 25m Standard Pistol
2. Aishwarya Pratap Singh Tomar - Men's 50m Rifle
3. Gaurav Rana - Men's 50m Pistol
4. Elavenil Valarivan -Women's 10m Air Rifle
5. Anish Bhanwala - Men's 25m rapid fire pistol
6. Sarabjot Singh - Men's 10m air pistol
7. Remaining 4 Gold Medals were in various team Events.

2019 Africa Cup of Nations (AFCON 2019) Football Title (32nd edition)

Algeria won the title (their 2nd AFCON title), beating Senegal in Final. 24 Teams participated in the event.

2019 CONCACAF Gold Cup Football Title (15th edition), Hosted by US, Costa Rica and Jamaica-

1. 16 Teams Participated in the event.
2. Mexico won the title (Their 8th CONCACAF Gold Cup Football Title), with USA being Runners-up.

2019 Canada Open Badminton -

1. Men's Singles - Li Shifeng (China)
2. Women's Singles - An Se-young (South Korea)

2019 Copa América Football Title (46th edition), organized by South America's football ruling body CONMEBOL in Brazil -

1. 12 Teams Participated, Brazil won the Title (Their 9th Copa America title), with Peru as Runners-up.

2019 FIFA Women's World Cup (8th Edition), Hosted by France -

1. USA won the Title (Their 4th FIFA Women's WC), beating Netherlands in the Final.

2019 Hall of Fame Open Men's Tennis (Newport, USA) -

1. Singles - John Isner (United States). Its John's 4th Hall of Fame Title. He defeated Alexander Bublik (Kazakhstan)
2. Doubles - Marcel Granollers (Spain) AND Sergiy Stakhovsky (Ukraine)

2019 Hamburg European Open Men's Tennis Title -

1. Singles - Nikoloz Basilashvili (Georgia), defeated Andrey Rublev (Russia)
2. Doubles - Austria's Oliver Marach AND Jürgen Melzer

2019 Wimbledon Tennis Championships (133rd Edition) Held in London (UK) -

1. Men's Singles - Novak Djokovic (Serbia).
1. Novak Djokovic Defeated Roger Federer (Switzerland) in Final. It was his 16th Grand Slam and 5th Wimbledon Title.
2. Women's Singles - Simona Halep (Romania).
1. Simona Halep Defeated Serena Williams (USA). It was her 2nd Grand Slam Title (1st being 2018 French Open).

Commonwealth Table Tennis

21st Edition of Commonwealth Table Tennis Championships held at JawaharLal Nehru Indoor Stadium in Cuttack (Odisha). 12 Nations participated in the event.

Winners

Men's Singles	Harmeet Desai (India)
Women's Singles	Ayhika Mukherjee (India)

Rank	Country	Gold	Silver	Bronze	Total
1	India	7	5	3	15
2	England	-	2	3	5
3	Singapore	-	-	6	6
4	Malaysia	-	-	1	1
5	Nigeria	-	-	1	1

30th Summer Universiade 2019 (Naples, Italy)

1. India was Ranked 29th (Jointly with Lithuania and Slovakia). India won 4 Medals (1 Gold, 1 Silver and 2 Bronze). Indian Medalists -

Winners	Medal
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Dutee Chand	Women's 100-metre sprint(Gold)
Elavenil Valarivan	Women's 10m Air Rifle(Silver)
Nina Chandel, Elavenil Valarivan and Aayushi Gupta	Women's team Air Rifle(Bronze)
Angad Vir Singh Bajwa	Men's skeet(Bronze)

3rd edition of Khelo India Youth Games will be held in Guwahati (Assam) between 18-30 January 2020.

1. Khelo India 1st edition was held in New Delhi in 2018, while Pune hosted 2nd edition in 2019.

World Aquatics Championships 2019 held in Gwangju (South Korea). Several New world records were formed during the event -

1. British swimmer Adam Peaty broken world record in men's 100 metre breaststroke at the. He smashed previous record of 57. 10 seconds set by himself in 2018.
2. Kristof Milak (Hungary) broke Michael Phelps' long-standing world record in the 200 metres butterfly, with timing of 1:50. 73 (Phelps had time of 1:51. 51).
3. USA's Caeleb Dressel broke Michael Phelps World record in 100 metres butterfly, with 49. 50 seconds time.

Ashish Kumar won gold medal at Thailand Open International Boxing Tournament 2019.

1. India won 1gold, four silver and three bronze at the event.

Chinese tennis great Li Na and France's Mary Pierce and Yevgeny Kafelnikov of Russia were inducted into Tennis Hall of Fame. They all are two-time Grand Slam singles champions.

Commonwealth Weightlifting Championships 2019 held in Apia (Samoa)

1. India won 35 medals (22 golds, 10 silvers and 3 bronze medals) across 3 age groups. Notable Facts -

1. 2018 Commonwealth Games gold medalist Mirabai Chanu Won gold in women's 49 kg.
2. India also broke 22 records in all 3 age groups in World, Asian, Commonwealth and National level.
3. Jeremy Lalrinnunga competing in 67 kg male event broke a youth world record with lift of 136 kg in snatch.
4. Jhilli Dalabehera won gold in women's 45kg event. She set 6 records with a clean and jerk lift of 94 kg and total lift of 164 kg at Commonwealth (Senior and Junior) and Junior National level.
5. Ajay Singh created a new Commonwealth record in clean and jerk category by lifting 190kg.

➤ Cricket Association of Puducherry (CAP) became newest associate member of Board of Control for Cricket in India (BCCI).

➤ FIFA awarded FIFA under 20 Women World Cup 2020 (10th edition) hosting rights to Nigeria. It will be first ever FIFA U-20 Women's World Cup in Africa. While, India was earlier named as host of 2020 U17 Women's World Cup host.

➤ Former Indian Cricketer Sachin Tendulkar became 6th Indian to be included in ICC Hall of Fame. Along with Sachin, South Africa's Allan Donald and Australia's Female Cricketer Cathryn Fitzpatrick were also chosen for induction into hall of fame. Other Indians in ICC Hall of Fame - Bishan Singh Bedi, Sunil Gavaskar, Kapil Dev, Anil Kumble and Rahul Dravid.

Grand Prix of Spain Women's Wrestling 2019 -

1. India's Vinesh Phogat won gold medal after shifting to 53kg category and Divya Kakran won Gold in 68kg category. India finished 2nd in team championship behind Russia.
2. Other Indian Winners - Pooja Dhanda in 57kg category, Seema in 50kg category, Manju Kumari in 59kg category and Kiran in 76kg category Won Silver Medals.

Kutno Athletics Meet

Hima Das from Assam won Gold Medal in women's 200m race with a time of 23. 97 seconds at Kutno Athletics Meet (Poland). This is Hima's second gold in a week. Earlier she had won gold at 200m women's race in Poznan Athletics Grand Prix in Poland. Indian Medalists at Meet -

Category	Medal	Name
Women's 200m race	Gold	Hima Das

	Silver	VK Vismaya
Men's 200m race	Gold	Muhammed Anas
Men's 400m hurdles	Gold	M P Jabir
	Bronze	Jithin Paul

ICC Cricket World Cup 2019, Hosted by UK (12th Edition) -

1. England won the title, defeating New Zealand in Final at Lord's cricket stadium in London. England won by Boundary count rule, as the scores were tied (also in super over). It was first Cricket world cup title for England. 10 Teams participated in the event.

2. Player of the tournament - Kane Williamson (New Zealand).

3. Player of the Match in Final - Ben Stokes (England).

ICC announced blueprint of Inaugural ICC World Test Cricket Championships 2019-2021 -

1. It will begin with Ashes series between Australia and England in August 2019.

2. India will begin its World Test Championship campaign with its two-match Test series against the West Indies in August 2019. Final will be played in England in June 2021.

3. 9 top-ranked teams in the ICC Test rankings will be competing in the World Test Championship.

4. Teams will be required to play six bilateral test series each against mutually chosen teams during World Test Championship. 3 of test series will be played at home, remaining 3 away. Teams will be facing just six teams, instead of eight.

Australian Open

1. Indian Players G. Sathiyam and Anthony Amalraj won bronze at World Tour Platinum Australian Open Table Tennis, defeating South Korean pair of Jeoung Youngsik and Lee Sangsu in Geelong near Melbourne. This is India's first ever medal in Australian Open, which is a Platinum TT event.

2. Indian boxers remained at top with 9 medals (7 gold and 2 silver) at 23rd President's Cup Boxing Tournament 2019 in Labuan Bajo (Indonesia). Notably, Noted Indian Boxer MC Mary Kom defeated Australia's April Franks to win Gold.

30th Summer University Games in Napoli (Italy)

Indian sprinter Dutee Chand won gold medal in women's 100-metre sprint at 30th Summer University Games in Napoli (Italy) becoming first Indian to win do so. India's Elavenil Valarivan also won silver medal in 10m Air Rifle Women's event.

1. Muhammed Anas Yahiya also won gold in men's 400m.

Czech Republic.

Indian sprinter Hima Das won her 5th gold within a month, after she won 400m competition in Nove Mesto (Czech Republic). Other 4 Golds won by Hima over past month are -

- 200m gold in women's 200m at Poznan Athletics Grand Prix in Poland.
- 200m gold in women's 200m at Kutno Athletics Meet in Poland.
- 200m gold in women's 200m at Kladno Memorial Athletics Meet 2019 in Czech Republic.
- 200m gold in women's 200m at Tabor Athletics Meet in Czech Republic.

Indonesia Open Badminton 2019 -

- Men's Singles - Chou Tien-chen (Chinese Taipei)
 - Women's Singles - Akane Yamaguchi (Japan)
- International Olympic Committee (IOC) Lifted ban put on Kuwait in 2015, clearing Kuwait's Participation in 2020 Tokyo Olympics.

Misc. Sports Events

- Indian pro boxer Vaibhav Yadav became World Boxing Council (WBC) Asia silver Welterweight Champion after winning title bout held in Pattaya (Thailand), defeating Fahpetch Singmanassak of Thailand.
- Odisha will host 21st Commonwealth Championship 2019, in Cuttack.
- Spain won Under-21 European Championship title, after beating Germany in Italy.
- 34th Hyderabad Sailing Week National Ranking Multi-Class Championship 2019 held in Hyderabad (Telangana). It is held every year in cities of Hyderabad and Secunderabad.
- Indian team (Pankaj Advani and Laxman Rawat) lost to Pakistan in final of IBSF Snooker World Cup in Doha (Qatar).
- Odisha will host 21st Commonwealth Table Tennis Championship in Cuttack, Between July 17 - 22, 2019.
- Indian field and track athletes won 10 Medals (5 gold, 4 silver and 1 bronze) at Qasanov Memorial Meet at Almaty in Kazakhstan. Gold Medals - Mohammed Afsal (men's 800m), Gagandeep Singh (men's discus throw), Navjeet Kaur Dhillon (women's discuss throw), MD. Salahuddin (men's triple jump), Sahil Silwal (men's javelin throw).

- India's Para-athlete Toran Yadav won 3 silver medals at 4th World Wealth Yoga Championship in Bulgaria.
- India's Arinjita Dey won silver medal in World Youth Karate Cup held in Umag (Croatia).
- India's first Grandmaster and five-time World chess champion Viswanathan Anand became mentor for Indian edition of chesskid. com, a US-based chess platform.
- Indian Professional boxer Vijender Singh Beniwal won his 11th consecutive win in US professional Boxing (United States) against Mike Snider (US).
- Olympic silver medallist British Boxer Amir Khan won WBC international welterweight title, after knocking out Australian Billy Dib.
- International Shooting Sport Federation approved India to host ISSF World Cup stages in New Delhi in March 2020.
- Medalists at XXII Tatyana Kolpakova international athletics meet in Bishkek (Kyrgyzstan) -
 - M. Sreeshankar - Men's triple jump (Gold).
 - Mohammed Salahuddin - Men's triple jump (Gold).
 - Sahil Silwal - Men's javelin throw (Gold).
- Table Tennis Player Sharath Kamal voted Sportsperson of the Year in Indian Oil Sports Conclave.
- India wrestler Vinesh Phogat won her second consecutive gold in 53 kg, at Yasar Dogu International in Istanbul.
- India's Anahat Singh and Neel Joshi won girls' U13 and boys' U17 title respectively at Dutch Junior Open squash tournament in Amsterdam (Netherlands).
- India's Arjun Bhati won Future Champions Golf (FCG) Callaway Junior World Golf Championship 2019, defeating Taiwan's Jeremy Chen with 199 strokes in California (USA).
- Indian archer Deepika Kumari won silver at Ready Steady Tokyo test event for 2020 Olympic Games held in Tokyo (Japan).
- Indian Former athlete P T Usha nominated for International Association of Athletics Federations Veteran Pin for her *long and meritorious service to cause of World Athletics*.
- Wolverhampton Wanderers Beat Manchester City to Win Premier League Asia Trophy Football Title.
- Boxer Shiva Thapa became India's first gold-medallist at Kazakhstan President's Cup boxing tournament, . Making his international debut in newly-introduced Olympic category of 63kg. Thapa's opponent, Kazakhstan's Zakir Safiullin, had to pull out due to injury.
- India's Ravinder Kumar Malik won Mr. South Asia title, winning 12th South Asian Bodybuilding and Physique Sports Championship in Kathmandu (Nepal).
- Shane Lowry (Ireland) won British Open 2019 Golf, as his first major Golf title.
- North Korea won 2nd edition of Intercontinental Cup football tournament, defeatig Tajikistan in finals in Ahmedabad (Gujarat). Participants were North Korea, Tajikistan, India and Syria.
 - During the event, Sports Minister Kiren Rijiju unveiled All India Football Federation (AIFF) Golden Baby Leagues Handbook 2019-20. He also renamed 'AIFF Baby Leagues' to 'AIFF Golden Baby Leagues', with focus laid for ages under 6 to under 12.
- India's silver medal in the mixed relay event at Asian Games 2018 will be upgraded to gold after Bahrain's Kemi Adekoya was given a 4-year ban for failing a dope test by Athletics Integrity Unit (AIU). India's mixed relay team comprising Hima Das, Mohammad Anas, Arokia Rajiv and M R Poovamma had won silver at Jakarta Asian Games 2018. Bahrain's mixed relay team had won gold.
- Prithu Gupta (aged 15 years), became India's 64th Grandmaster by beating Germany's Lev Yankelevich during Portuguese League 2019.
- India's Rani Banga won gold medal in Rope exercise and a silver medal in clubs exercise at annual Championship held at Holon, Israel.
- Abhay Singh and Tanvi Khanna won men's and women's titles respectively in 6th Bengal Open squash tournament.
- Filipino boxer Manny Pacquiao claimed WBA welterweight championship 2019 by defeating Keith Thurman of US.
- BCCI approved Indian Cricketers Association (ICA), which is not affiliated to Federation of International Cricketers' Association (FICA) and is only open to former men and women cricketers.
- Egan Bernal became 1st Colombian to win Tour de France Cycling Title in Paris (France). 22 year old Bernal has also become the youngest rider to win this race in 110 years.
- Cricket Advisory Committee (CAC) led by Kapil Dev will chose India's new Head Cricket coach, to replace outgoing Ravi Shastri.
- Chandigarh received affiliation from the Board of Control for Cricket in India (BCCI) after nearly four decades. After getting BCCI affiliation, Chandigarh Cricket Association-Punjab recently decided to merge with Union Territory Cricket Association, paving way for Union Territory to be recognised as a separate entity.

- Indian Olympic Association (IOA) pulled out of Commonwealth Games Federation general assembly meeting, to protest against dropping shooting from 2022 Birmingham Commonwealth Games.
- For the first time in Olympic Games' history, Table Tennis Mixed Doubles event added in a new Tokyo 2020 Olympics Games. India will be represented by Manika Batra and Sharath Kamal.
- Bhakti Kulkarni retained her title in 46th National Women Chess Championship 2019 in Karaikudi (Tamil Nadu).
- American Athlete Dalilah Muhammad has set new world record in 400m hurdles women's athletics at U. S. Championships athletics, clocking 52. 20 sec (ahead of previous record of 52. 34 sec) by Russia's Yuliya Pechonkina in 2003.
- Tamil Nadu's Jerlin Anika won gold medal in World Deaf Youth Badminton Championships held in Taipei. She won 1 gold, 2 silver and 1 bronze.
- Cricketer Prithvi Shaw suspended by Board of Control for Cricket in India (BCCI) for 8 Months, till November 15, 2019 for violating anti-doping code. He consumed a prohibited substance included in over-the-counter cough syrup.
- International Cricket Council named two new umpires in Emirates ICC Elite Panel of Umpires for 2019-20 seasons - Michael Gough (England) and Joel Wilson (West Indies).
- Norway's Magnus Carlsen won 2019 Croatia Grand Chess Tour title. India's Viswanathan Anand finished 11th

World Badminton Championships

2019 BWF Para-Badminton World Championships held at St. Jakobshalle in Basel (Switzerland), as 12th edition of the tournament.

- It was first time that Para-Badminton World Championships is held together with World Badminton Championships in same venue.
- Medal Tally -

Rank	Nation	Gold	Silver	Bronze	Total
1	China	7	3	3	13
2	Indonesia	4	2	4	10
3	India	3	4	4. 5	11. 5
4	England	3	2. 5	1. 5	7
5	South Korea	1	2	4	7

- Indian Medalists

Category	Winner	Medal
Men's Singles SL 3	Pramod Bhagat	Gold
Men's Doubles - SL 3, SL 4	Pramod Bhagat & Manoj Sarkar	Gold
Women's Singles SL 3	Manasi Girishchandra Joshi	Gold

2019 Citi Open Tennis Winners (Also called Washington Open) -

- Men's Singles - Nick Kyrgios (Australia)
- Women's Singles - Jessica Pegula (US)

2019 Rogers Cup Tennis Winners (Montreal, Canada) -

- Men's Singles - Rafael Nadal (Spain), defeated Daniil Medvedev (Russia)
- Women's Singles - Bianca Andreescu (Canada), defeated Serena Williams (US)

2019 Western & Southern Open Tennis (Cincinnati Masters) -

- Men's Singles - Daniil Medvedev (Russia). He Defeated David Goffin (Belgium)
- Women's Singles - Madison Keys (US).

2019 Badminton World Federation (BWF) World Championships held at St. Jakobshalle in Basel (Switzerland), as 25th Edition. Winners -

Category	Winner	Runner
Men's Singles	Kento Momota (Japan)	Anders Antonsen (Denmark)
Women's Singles	PV Sindhu (India)	Nozomi Okuhara (Japan)

India's Two Medals -

- Gold Won by PV Sindhu (India) in Women's singles, defeating Nozomi Okuhara (Japan). PV Sindhu became 1st Indian to win a Badminton World Championships gold.
- Bronze Won by B Sa Praneeth who reached semi-finals after defeating Indonesia's Jonatan Christie. He lost to Kento Momota of Japan in semifinal.
- New Women's events have been included in Commonwealth Games (CWG) 2022 to be held in Birmingham (England). Newly added events are - Women's T20 cricket, beach volleyball and Para-table tennis.
- Shooting will not be part of the 2022 CWG even despite India's threat of boycotting the entire event in form of protest.
- Aishwarya Pissay became first Indian to claim a world title in motorsports by winning FIM World Cup (Fédération Internationale de Motocyclisme) in women's category at Varpalota in Hungary. She also finished 2nd in FIM Junior category.

- Board of Control for Cricket in India (BCCI) agreed to come under ambit of National Anti-Doping Agency (NADA). Till now, Sweden-based International Dope Testing Management (IDTM) was collecting cricketers' samples on behalf of BCCI and submitting them to the National Dope Testing Laboratory (NDTL). NADA will now collect samples of all cricketers during various tournaments.
- Board of Control for Cricket in India (BCCI) extended Paytm's association as title sponsor for Indian cricket team for all matches - domestic and international, played in India for 5 more years.
- Chennai Lions defeated Dabang Delhi to win Ultimate Table Tennis (UTT) league Season 03 title.
- Former Australian bowler Mitchell Johnson elected as an Honorary Life Member of Marylebone Cricket Club (MCC) in England.
- Gokulam Kerala FC defeated Mohun Bagan FC to win 2019 Durand cup Football (129th edition) in Kolkata. It was Kerala's Durand cup title.
- Other Awards -
- Golden Ball & Golden Boot awards - Gokulam Kerala FC's Marcus Joseph.
- Golden Glove - Gokulam Kerala FC's goalkeeper CK Ubaid.

Hyderabad Open badminton 2019 -

Category	Winner
Men's Singles	Sourabh Verma (India)
Women's Singles	Yeo Jia Min (Singapore)
Men's Doubles	Muhammad Shohibul Fikri & Bagas Maulana (Indonesia)
Women's Doubles	Baek Ha-na & Jung Kyung-eun (South Korea)

- India won 19 Medals at WorldSkills International Competition 2019 in Kazan (Russia), as India's Best ever finish at the event. Indian team won one Gold, one Silver and two Bronze medals besides 15 Medallions of Excellence at the competition.
- S Aswatha Narayana represented Odisha and won a Gold medal in Water Technology. He was also rewarded as 'Best of Nation' amongst the Indian competitors.
- Pranav Nutalapati represented Karnataka and won Silver Medal in Web Technologies.
- Sanjoy Pramanik represented West Bengal and won Bronze Medal in Jewellery.

India won 2 golds and 1 bronze in World Archery Youth Championships in Madrid (Spain) -

Event	Name	Medal
Recurve Cadet-Women	Komalika Bari	Gold
Compound junior mixed team	Raginee Markoo and Singh Sukhbeer	Gold
Compound junior men's team	Sangampreet Bisla, Sanjay Phadtare and Singh Sukhbeer	Bronze

- India won 2019 Women's Ready Steady Tokyo Hockey Tournament in Tokyo (Japan), Defeating Japan. It was a test event for field hockey tournament at 2020 Tokyo Summer Olympics. Tournament featured four of top nations in women's field hockey - India, China, Japan and Australia.
- India won under - 12 Asian Tennis Team Championship 2019 held in Kazakhstan, defeating Chinese Taipei. Indian team comprised Manas Dhamme, Arnav Paprakar and Pranav Rethin.
- India's Ajith Haridas and Vijay Lancy won men's doubles title (40+) in BWF World Senior Badminton Championships 2019 in Katowice (Poland), defeating Danish pair of Esben Hedegaard and Morten Rasmussen.
- India won 7 Medals and was ranked 11th. Medals included 1 Gold, 2 Silver and 4 Bronze.
- Germany was at top, followed by England and Japan.
- India's Deepak Punia won gold medal at Junior World Championships held in Tallinn (Estonia), defeating Russia's Alik Sherbakov. He is 1st Indian in 18 years to win a Junior World Championship title. Other Indian medalists at the event
- Vicky Chahar - bronze in 92 kg category.
- Sajjan Bhanwal - Bronze in 77kg Greco-Roman category.
- Indian Wrestler Bajrang Punia won gold in 65kg men's freestyle at Tbilisi Grand Prix 2019 (Georgia).
- Indian sprinters Hima Das and Muhammed Anas won a gold each in women's and men's 300m races respectively at Athleticky Mitink Reiter event in Czech Republic. This was Hima's sixth gold in European races since July 2.
- Indian team consisting of Esow Alben, L Ronaldo Singh, Y Rojit Singh and Jemsh Singh won India's first gold at a world cycling event, after they won gold at Junior Track Cycling World Championships, in Frankfurt (Germany).
- Liverpool FC (England) defeated Chelsea FC (England) to win UEFA Super Cup 2019 League Football held in Istanbul (Turkey).

Misc. Sports events

- Australian Female Cricketer Ellyse Perry became first cricketer (Both Male / Female) to reach milestone of scoring 1000 runs and taking 100 wickets in the T20 format.
- India won 6 medals at Magomed Salam Umakhanov Memorial International Boxing Tournament 2019 in Kaspiysk (Russia). India won 2 golds, 1 silver, and 3 bronze. Lovlina Borgohain (69kg) and Neeraj (57kg) won Gold Medals.
- Germany cancer researcher Fiona Kolbinger became first woman to win cycling's Transcontinental Race 2019, from Bulgaria to France. She cycled for more than 2, 485 miles across Europe in just over 10 days.
- Indian men's 20km race walk team that finished 4th in IAAF World Race Walking Cup held in 2012 in Russia, has now been honored with a Bronze after disqualification of second-placed Ukrainian team for dope violation.
- Indian Army team won 5th Army International Scout Masters Competition held at Jaisalmer Military Station (Rajasthan), which had participation from 8 Nations.
- Bangalore (Karnataka) will host 10th AASF (Asia Swimming Federation) Asian Age Group Championships 2019 in September - October 2019. Swimming Federation of India(SFI)will organize the 9-day event.
- Indian Wrestler Vinesh Phogat won gold in women's 53kg category at Poland Open wrestling tournament in Warsaw (Poland).
- India's Surya Shekar Ganguly won 2019 Belt and Road China Hunan International Chess tournament at Hunan province (China).
- Cricket Australia announced new transgender inclusive policy, enabling transgender players to play the game of cricket at highest levels.
- World Archery suspended Archery Association of India, causing panic for Indian archers looking to compete at Olympics. However, World Archery wrote to Indian Olympic Association, stating that suspension might be lifted if a clear roadmap is established.
- Chris Gayle became first West Indies' cricketer to play 300 ODIs, achieving this against India.
- Indian Army participated in Sniper Frontier Competition 2019 in Belarus, as part of International Army Games.
- Indian junior Badminton players won 6 medals at the Bulgarian Junior International Championships in Pazardzhik. Medals comprised of three gold, silver and two bronze. Gold medals were won by Samiya Imad Faruqui (women's singles), duo of Edvin Joy and Shruti Mishra in Mixed Doubles and pair of Tanisha Crasto and Aditi Bhatt in women's doubles.
- Women's Cricket team of Thailand broke world record by winning 17th successive T20 international match, surpassing record held by Australian Women (16 victories).
- Indian female wrestler Vinesh Phogat won silver in Medved event 2019 in Minsk (Belarus), after losing to N Malisheva of Russia.
- American Artistic gymnast Simone Arianne Biles became first woman in world to make a "triple-double" floor exercise landing, during 2019 US Gymnastics Championships. Triple double involves two flips and three twists in air, done by only 2 men before her.
- India won T20 Physical Disability World Cricket Series 2019 defeating England in England. 6 teams had participated in tournament.
- Cricket Association of Uttarakhand (CAU) has been granted full membership in BCCI by Committee of Administrators (CoA), fulfilling a long standing demand.
- Indian Cricketer Virat Kohli became first batsman to score 20, 000 international runs in a decade, achieving this during a match against West Indies.
- FIFA banned former Nigeria coach Samson Siasia for lifetime, after he was found guilty of a violation of FIFA Code of Ethics.
- Central Industrial Security Force (CISF) sports personnel won 10 medals, at World Police and Fire Games 2019 (WPPFG-2019) held at Chengdu, China.
- Indian Football club Chennai City FC partnered with German sports goods supplier "uhlsport", to support sustainable growth of football education in India.
- Australia's Marnus Labuschagne become 1st Concussion Substitute player in history of International cricket. A Concussion Replacement is a player who takes place of a player who has been replaced for remainder of the match. In Ashes Series 2019 between Australia and England, Steve Smith was ruled out due to concussion.
- India will host World Youth Chess Championship 2019, in Mumbai in October 2019.
- BCCI Ombudsman DK Jain ordered for reduction in Lifetime ban of Indian cricketer S. Sreesanth, who was alleged in a match-fixing scandal in 2013. His ban is now lowered to 7 years which will end by September 2020.
- India's junior women boxers won four gold, four silver and four bronze medals at 3rd Nation's Cup in Vrbas, Serbia. BGold medalists are - Tamanna (48 kg), Ambeshori Devi (57 kg), Preeti Dahiya (60 kg), Priyanka (66 kg).
- IOCL beat Army XI to win Dolo-650 Bangalore Cup All India Hockey Tournament in Bengaluru.
- Bhubaneswar (Odisha) becomes first venue to get clearance for FIFA U-17 Women's world cup to be hosted by India in 2020, in 4 cities.
- Former French Footballer and now actor, Eric Cantona will be honoured with 2019 UEFA President's Award, for his outstanding achievements. Also, Dutch footballer Virgil van Dijk won UEFA Player of the Year award in Male category and English footballer Lucy Bronze won Women's Player of the Year award.
- Indian sprinter VK Vismaya won gold medal in women's 400m race at Inter national Athletic Meeting - Josef Seckar Memorial (MJS) in Brno, Czech Republic.
- Cricketer Jalaj Saxena (Player for Kerala) became only Indian cricketer to score 6000 runs in first-class cricket and take 300 wickets. he still hasn't played for India.
- Odisha CM Naveen Patnaik inaugurated Naval Tata Hockey Academy (NTHA) high-performance centre for hockey at Kalinga Stadium in Bhubaneswar (Odisha), as a joint initiative of Tata Steel, Tata Trusts and Government of Odisha to nurture sports talent in State.
- Thailand Open (Badminton) 2019 Winners -
- Men's Singles - Chou Tien-chen (Chinese Taipei)
- Women's Singles - Chen Yufei (China)
- World Anti-Doping Agency (WADA) suspended accreditation of India's National Dope Testing Laboratory (NDTL) for six months, due to non-conformities with International Standard for Laboratories (ISL) by NDTL as identified during WADA site visit.
- With rising trust issues, WADA had warned NDTL to improve its testing methods and types of equipment in September 2018. But NDTL subsequently failed to meet standards, forcing WADA to recommend its suspension following its visit to the lab in May 2019.
- England Former cricketers Geoffrey Boycott and Andrew Strauss have been honoured with "Knighthoods" by Former PM Theresa May in her resignation honours list.
- International Cricket Council signed agreement with Facebook, under which Facebook will get exclusive digital content rights for select cricket matches in Indian subcontinent including the Women's T20 World Cup 2020-22, Men's T20 World Cup 2020-21 and Men's Cricket World Cup 2023.
- 10th Asia Pacific Youth Games 2019 held in Vladivostok (Russia). India won 16 gold, 13 silver and 5 bronze medals.
- Indian swimming team finished as the overall winners with 8 gold, 5 silver and 1 bronze medal.
- Badminton team won team Championship gold.
- 2019 Challenger de Buenos Aires Men's tennis tournament (Buenos Aires, Argentina) -**
- Singles - Sumit Nagal (India). He defeated Facundo Bagnis (Argentina).
- Doubles - Argentina' Badminton Guido Andreozzi AND Andrés Molteni
- 2019 China Open -
- Men's Singles - Kento Momota (Japan)
- Women's Singles - Carolina Marín (Spain)
- 2019 Korea Open Badminton -**
- Men's Singles - Kento Momota (Japan)
- Women's Singles - He Bingjiao (China)
- 2019 Moselle Open Men's Tennis Title (Metz, France) -**
- Singles - Jo-Wilfried Tsonga (France)
- Doubles - Robert Lindstedt (Sweden) AND Jan-Lennard Struff (Germany)
- 2019 St. Petersburg Open Men's Tennis Title(St. Petersburg, Russia)-**
- Singles - Daniil Medvedev (Russia)
- Doubles - Divij Sharan (India) AND Igor Zelenay (Slovakia)
- 2019 Toray Pan Pacific Open Women's Tennis Title (Osaka, Japan) -**
- Singles - Naomi Osaka (Japan)
- Doubles - Chinese Taipei's Chan Hao-ching AND Latisha Chan
- 2019 US Open Tennis Winners (New York City) -**
- Men's Singles - Rafael Nadal (Spain). He defeated Daniil Medvedev (Russia). It was 19th Grand Slam title for Nadal, and his 4th US Open.
- Women's Singles - Bianca Andreescu (Canada). She defeated Serena Williams (US). It was her 1st Grand slam title.
- India's Sumit Nagal and Prajnesh Gunneswaran participated in US Open 2019.
- 2019 World Weightlifting Championships held in Pattaya (Thailand) -**
- 588 competitots from 97 nations participated.
- Medals table (all medals - Big (Total result) and Small (Snatch and Clean & Jerk))
- 7 Indian weightlifters participated, but India remained medal-less at the event.
- 2019 Wuhan Open Women's Tennis (Wuhan, China)-**
- Singles - Aryna Sabalenka (Belarus).
- 2019 Zhengzhou Open Women's Tennis Title (China) -**

> Singles - Karolína Plíšková (Czech Republic)

20th Asian Senior Men's Volleyball Championship 2019 held in Tehran (Iran) -

> Iran emerged champions by defeating Australia. Japan & South Korea bagged third and fourth place respectively. India was ranked 8th.

6th Track Asia Cup cycling competition 2019 held in New Delhi -

> India topped tally with 10 gold, 8 silver and 7 bronze. India was followed by Uzbekistan and Malaysia.

Belgian International Badminton Title 2019 -

> Winners -

Category	Winner
Men's Singles	Lakshya Sen (India)
Women's Singles	Line Christophersen (Denmark)
Men's Doubles	Ben Lane & Sean Vandy (England)
Women's Doubles	Gabriela Stoeva & Stefani Stoeva (Bulgaria)
Mixed Doubles	Ben Lane & Jessica Pugh (England)

> Biennial AIBA World Boxing Championships 2019 held in Ekaterinburg Expo, Yekaterinburg (Russia)

> Indian boxers won 2 medals, as Best Indian show in these championships. Amit Panghal lost to Olympic champion Shokhobodin Zoirov of Uzbekistan and won silver in 52kg category.

> India's Manish Kaushik defeated Andy Cruz Gomez from Cuba in 63 kg category and won bronze medal.

> 2021 AIBA World Boxing Championships will be held for first time in New Delhi (India).

ISSF World Cup 2019 (4th Leg - Rio de Janeiro (Brazil)) (Rifle / Pistol)

India Ranked at top.

Indian Medalists -

Sl No	Event	Winners	Medal
1	Mixed 10m air pistol	Manu Bhaker & Saurabh Chaudhary	Gold
2	Women's 10m air rifle	Elavenil Valarivan	Gold
3	Men's 10m Air Pistol	Abhishek Verma	Gold
4	Women's 10m air pistol	Yashaswini Singh Deswal	Gold
5	Mixed 10M Air Rifle	Apurvi Chandela & Deepak Kumar	Gold
6	Men's 50m rifle	Sanjeev Rajput	Silver
7	Mixed 10m air pistol	Yashaswini Deswal & Abhishek Verma	Silver
8	Men's 10m Air Pistol	Saurabh Chaudhary	Bronze
9	Mixed 10m air pistol	Anjum Moudgil & Divyansh Singh Panwar	Bronze

> India Red beat India Green to win Duleep Trophy Cricket title, at Bengaluru.

> India Under-15 team Football team defeated Nepal to win SAFF (South Asian Football Federation) U-15 Championship 2019 in Kalyani Stadium (West Bengal).

> India won SAFF Under-18 football Championship by defeating Bangladesh in Kathmandu (Nepal), as India's First SAFF U-18 trophy.

> Indian Badminton Player Malvika Bansod won Maldives International Future Series, defeating Myanmar's Thet Htar Thuzar. Also, Vaibhav and Prakash Raj claimed men's doubles title after beating Thailand's Pakkapon Teeraratsakul and Panitchaphon Teeraratsakul.

> Indian Billiards Player Pankaj Advani won his 22nd IBSF world title by winning IBSF World Billiards Championship 2019 in Mandalay (Myanmar). He defeated Nay Thway Oo of Myanmar.

> Indian under 19 Cricket Team won ACC Under-19 Asia Cup 2019 by beating Bangladesh, in Sri Lanka.

> Manipur women football team won 25th Senior Women's National Football Championship 2019 at Pasighat (Arunachal Pradesh), defeating Indian Railways.

> Ministry of Sports will set up 20 National Centres of Excellence (NCE) to groom athletes for 2024 Paris and 2028 Los Angeles Olympics. National Centres of Excellence (NCE) scheme will have distinction of having a single scheme running in them for elite athletes.

> Ministry of Youth Affairs and Sports (MYAS) derecognised Paralympic Committee of India (PCI) for violating National Sports Development Code of India, 2011.

> Govt. letter addressed to Secretary-General of Paralympic Committee of India mentioned that a complaint was received against PCI from Rao Inderjit Singh regarding his removal from President's post of PCI. Therefore, an explanation was sought from PCI. However, explanation was not found satisfactory and action was taken.

> PCI earlier adopted a resolution that barred public servants from getting elected to its executive. Thereby, Rao Inderjit Singh was removed as President.

Misc. Sports Events

> 36th National Games will be held in Goa from October 20 – November 4, 2020. Hosting of games has been delayed several times since last year.

> Shotputter **Tejinderpal Singh Toor** won silver medal at athletic meet at Decin, Czech Republic.

> For the 1st time, 25th Senior Women's National Football Championship 2019 held in Pasighat (Arunachal Pradesh).

> **Nadubhagam Chundan**, snake boat of Pallathuruthy Boat Club won 67th Nehru Trophy Boat race at Punnamada Lake in Alappuzha in Kerala.

> Indian swimmers Rujuta and Virdhawal Khade won 73rd Glenmark National senior aquatics championships 2019 in Bhopal (MP), in Female and Male categories respectively.

> Indian woman athlete **Anupama Swain** won bronze medal in World Martial Arts Mastership Jiu-Jitsu 2019 in Chungju (South Korea). She has qualified for 2022 Asian Games.

> Indian Cricketer Rohit Sharma launched Rohit 4 Rhinos campaign, in partnership with WWF India and Animal Planet. It aims to build awareness for need to conserve Greater One-Horned Rhinoceros or Indian Rhino.

> Asian Games gold medallist Jinson Johnson broke his own 1500m national record while winning silver in ISTAF Berlin event.

> Afghanistan's Rashid Khan became youngest captain in test cricket (at age 20 years and 350 days).

> Bangladesh Krida Shiksha Prothisthan (BKSP) defeated Nilmani English School (Manipur) to win U17 Girls Subroto Cup International Football 2019 title in New Delhi.

> Afghanistan Cricketer Mohammad Nabi announced his retirement from test cricket.

> 8th edition of Ladakh Marathon held in Leh, as highest marathon in world, held at over 11, 000 feet above sea level.

> Sri Lanka's Lasith Malinga become first T20I bowler to take 100 wickets.

> Indian Oil Corporation (IOC) won 93rd All-India MCC-Murugappa Gold Cup hockey tournament, defeating Punjab National Bank (PNB).

> Kenya's Brigid Kosgei completed fastest half-marathon ever ran by a woman as She won Great North Run in a time of 1 hour, 44 minutes and 28 seconds.

> South Africa appointed Former Indian Cricketer Amol Muzumdar as interim batting coach for series against India.

Sports Ministry recommended names of 9 Female sportspersons for India's **Civilian**

Honors Padma Awards 2020 -

1. Boxer Mary Kom became first female sportsperson to be recommended for Padma Vibhushan, India's second-highest civilian award. PV Sindhu's name has been suggested for the Padma Bhushan Award.

2. Recommended for Padma Shri - - Harmanpreet Kaur (Cricket), Rani Rampal (Hockey), Manika Batra (TT), Suma Shirur (Shooter) and mountaineer twin sisters Tashi and Nungshi Malik.

> Feroz Shah Kotla Stadium in Delhi was renamed as *Arun Jaitley Cricket Stadium* in the memory of former DDCA President and Finance Minister.

> 25th Edition of Asian Junior and Cadet Table Tennis Championships 2019 held at Ulaanbaatar, Mongolia. Indian team clinched 2 silver medals.

> In International Billiards Snooker Federation (IBSF) World Under-16 Snooker Championship 2019 in Tyumen (Russia), Ranveer Duggal from Chandigarh won bronze medal.

> Belgian female tennis player Kim Clijsters (former World no. 1 and four-time Grand Slam Winner) announced her return to professional tennis, seven years after her retirement.

> Indonesian golfer Rory won Classic Golf and Country Club International Championship 2019 at Nuh city in Haryana. Indian golfer Rashid Khan and Korea's Byungjun Kim secured second position.

> 1st edition of Western Asian Youth and Junior Chess Championships 2019 held in New Delhi. India won 125 medals and stayed at top.

> Meghalaya's Hopewell Elias Higher Secondary School won 60th Under-17 Junior Boys Subroto Cup International Football Tournament 2019 by beating Bangladesh Krida Shiksha Protisthan (BKSP).

> Smiling panda, named Bing Dwen Dwen was revealed as the official mascot for Beijing Winter Olympics 2022. A walking Chinese lantern Shuey Rhon Rhon was declared as the official mascot for Winter Paralympics 2022.

> Minister of State for Finance and Corporate Affairs Anurag Thakur announced that a cricket and sports academy will be set up in Leh, Ladakh.

> ICC banned Sri Lankan Cricketer Akila Dananjaya from bowling in international games for 1 year, after his bowling action was found illegal.

> American Golfer Nelly Korda won Ladies European Tour Title at Lacoste Ladies French Open. India's Aditi Ashok was the best Indian, finishing 26th.

- Indian chess player Koneru Hampi won Fide World Grand Prix 2019 title in Skolkovo, Russia.
- Indian team of Pankaj Advani and Aditya Mehta won "IBSF World Snooker" title, defeating Thailand in Mandalay (Myanmar).
- Indian wrestler Deepak Punia clinched top spot in rankings released by United World Wrestling (UWW) in 86 kg category.
- Indian fencer CA Bhavani Devi won silver medal in women's sabre individual category in 2019 Tournoi Satellite Fencing competition at Ghent (Belgium).
- Indian junior boys Raegan Albuquerque and Yashansh Malik paired with Netherlands' Lode Hulshof to win bronze medal at the Serbia Junior and Cadet Table-Tennis Open 2019.
- Myanmar International Series Badminton 2019 (Myanmar's First International Badminton series) -
- Men's singles - Kaushal Dharmamer (India). He defeated Indonesia's Karono Karono.
- Women's singles - Sri Fatmawati (Indonesia)
- Spain won its 2nd FIBA basketball World Cup title after defeating Argentina, in Beijing (China). Ricky Rubio (Spain) was named Most Valuable Player of competition.

Vietnam Open 2019 Badminton Title Winners -

Category	Winner
Men's Singles	Sourabh Verma (India). He defeated Sun Fei Xiang of China.
Women's Singles	Zhang Yi Man (China)

- World Wrestling Championships 2019 held in Nur-Sultan (Kazakhstan) -
- Wrestlers from 101 nations participated. It was first qualification event for Tokyo 2020 Summer Olympic Games and first Senior World Championships in Kazakhstan.
- Russia named champions in Men's Freestyle and Men's Greco-Roman Categories, while Japan named champions in Women's freestyle. India ranked 17th with 5 Medals (1 Silver and 4 Bronze).
Indian Medalists
Silver - Deepak Punia. He settled for silver after pulling out of 86kg final Deepak Punia due to Injury. He was to face Hassan Yazdani of Iran in 86Kg Category.

15th World Wushu Championships 2019 (Shanghai, China)

India Ranked 10th with 4 Medals (1 Gold, 2 Silver and 1 Bronze). Indian Medalists -

1. Gold - Praveen Kumar (Men's 48 KG)
2. Silver - Y. Sanathoi Devi (Women's 52 KG) and Poonam (Women's 75 KG)

Bronze - Vikrant Baliyan (Men's 60 KG) 2019

AIBA Women's World Boxing Championships (Ulan-Ude, Russia) -

224 Competitors from 57 nations participated.

India ranked 9th with 4 Medals (1 Silver and 3 Bronze). Indian Medalists -

1. Manju Rani (Silver) - Light flyweight
2. Mary Kom (Bronze) - Flyweight
3. Jamuna Boro (Bronze) - Bantamweight
4. Lovlina Borgohain (Bronze) - Welterweight

2019 China Open Tennis -

➤ Men's Singles - Dominic Thiem (Austria), defeated Stefanos Tsitsipas (Greece)

➤ Women's Singles - Naomi Osaka (Japan), defeated Ashleigh Barty (Australia)

2019 Denmark Open Badminton Title (Odense, Denmark) -

➤ Men's Singles - Kento Momota (Japan)

➤ Women's Singles - Tai Tzu-ying (Chinese Taipei)

2019 Erste Bank Open Men's Tennis (Vienna, Austria) -

➤ Singles - Dominic Thiem (Austria)

➤ Doubles - Rajeev Ram (US) AND Joe Salisbury (UK)

2019 European Open Men's Tennis Title (Antwerp, Belgium) -

➤ Singles - Andy Murray (UK). He defeated Stan Wawrinka (Switzerland)

2019 French Open Badminton (Paris) -

➤ Men's Singles - Chen Long (China)

➤ Women's Singles - An Se-young (South Korea)

2019 Japan Open Men's Tennis -

➤ Singles - Novak Djokovic (Serbia)

2019 Shanghai Masters Men's Tennis Title -

➤ Singles - Daniil Medvedev (Russia), Defeated Alexander Zverev (Germany)

2019 Stockholm Open Men's Tennis Title (Sweden) -

➤ Singles - Denis Shapovalov (Canada)

2019 Swiss Indoors Men's Tennis (Basel, Switzerland) -

➤ Singles - Roger Federer (Switzerland). It is his 10th Swiss Open Title and Career Title No. 103.

2019 World Athletics Championships (Doha, Qatar) -

27 Indian athletes participated. India could not win a medal at the events. India had three finalists - Mixed 4x400m relay, men's 3000m steeplechase (Avinash Sable) and women's javelin throw (Annu Rani).

India was ranked 58th and India's Avinash Sable qualified for Tokyo Olympics in men's 3000m steeplechase event.

Medal Table -

Rank	Nation	Gold	Silver	Bronze	Total
1	United States	14	11	4	29
2	Kenya	5	2	4	11
3	Jamaica	3	5	4	12
4	China	3	3	3	9
5	Ethiopia	2	5	1	8

➤ 49th World Artistic Gymnastics Championships 2019 held in Stuttgart (Germany), held annually in non-Olympic years.

➤ 548 competitors from 92 nations participated in the event. Indian team consisted of 6 members, without winning a medal.

2021 World Artistic Gymnastics Championships (50th Edition) will be held in Copenhagen, Denmark.

➤ Simone Biles (US) won record-extending 15th World Gymnastics Championship title, becoming event's most decorated woman.

➤ 7th CISM World Military Games held in Wuhan (China).

➤ India ranked 11th with 8 Medals (5 Gold, 1 Silver, 2 Bronze).

➤ Asian Junior Boxing Championships 2019 held in Fujairah (UAE) -

➤ India won 21 Medals (6 Gold, 9 Silver and 6 Bronze). India won most number of medals but was second behind Uzbekistan in Tally, which had total 20 Medals and 8 Gold.

➤ Indian Gold Medalists - Vishvanath Suresh, Bishwamitra Chongtham, Kalpana, Preeti Dahiya, Tashbir Kaur Sandhu, Alfiya Tarannum Pathan.

➤ Bahrain International Series Badminton 2019 at Isa Town (Bahrain) -

➤ Indian Player Priyanshu Rajawat won men's singles title, beating Jason Anthony Ho-Shue from Canada.

➤ Indian mixed double pair of Juhi Dewangan and Venkat Gaurav Prasad also finished at the top.

➤ Bangladesh Cricketer Shakib Al Hasan has been suspended for two years by International Cricket Council (ICC) for not reporting a corrupt approach. Shakib has been handed a full ban for a year and a 12-month suspended sentence.

➤ Bengal Warriors won 7th season of Vivo Pro Kabaddi League 2019, as their first title, defeating Dabang Delhi.

➤ China has been given Hosting rights by FIFA, for revamped version of Club Football World Cup, having 24 teams. It will be held in June and July 2021.

➤ The decision was made despite China's suppression of pro-democracy protests in Hong Kong, and the internment of more than one million Uighur Muslims in state of Xinjiang. The same is being criticized globally.

Dutch Open Badminton 2019 (Almere, The Netherlands) Winners -

• Men's Singles - **Lakshya Sen (India)**. He defeated Yusuke Onodera of Japan. It is his 1st BWF World Tour title.

• Women's Singles - Wang Zhiyi (China)

➤ Former South African Cricketer Graeme Smith has been elected an Honorary Life Member of Marylebone Cricket Club (MCC) in England.

➤ Great Britain won Sultan of Johor Cup hockey tournament 2019 held at Johor Bahru in Malaysia, beating India.

➤ India Women's Football team beat Bangladesh to win the SAFF U-15 Women's Championship title, hosted in Thimpu (Bhutan).

India won 7 Medals at Olympic Test Event for Boxing.

Gold - Shiva Thapa and Pooja Rani.

Silver - Ashish.

Bronze - Nikhat Zareen, Simranjeet Kaur, Sumit Sangwan and Vahlimpua.

➤ India's Kuhoo Garg and Dhruv Rawat won badminton mixed doubles title at Egypt International 2019 in Cairo, Egypt. They defeated India's Utkarsh Arora and Karishma Wadkar.

➤ India's Prithvi Sekhar won men's final of World Deaf tennis championship in Antalya, Turkey. He defeated Jaroslav Smedek of Czech Republic in Final.

➤ India's Riya Bhatia won ITF women's tennis tournament in Lagos (Nigeria), defeating Nastja Kolar of Slovenia.

➤ Indian Cricketer Jasprit Bumrah and Female Cricketer Smriti Mandhana won Wisden India Almanack Cricketer of the Year award. Other winners are Pakistan's Fakhar Zaman, Sri Lanka's Dimuth Karunaratne, and Afghanistan's Rashid Khan.

➤ *Cricket Country: The Untold History of the First All India Team* by Prashant Kidambi was adjudged the Wisden India Book of the Year.

➤ Indian cyclist Ronaldo Singh won gold medal in men's junior Keirin event at Asian Track Cycling Championships at Incheon in South Korea. James Singh won bronze in same event. India also secured 2 bronze medals in men's and women's Jr. sprint team.

- International Cricket Council (ICC) announced that 2020 ICC Under-19 Cricket World Cup will be held in South Africa in Jan - Feb 2020.
- International Cricket Council (ICC) changed rules of Super Over and ruled that Super over will be repeated till a winner emerges. The controversial boundary count rule has been scrapped. In final match of the Cricket World Cup 2019, England was declared winner against New Zealand with a boundary count in super over. Karnataka won 2019-20 Vijay Hazare Domestic Cricket Title, defeating Tamil Nadu. It is Karnataka's 4th title of the Vijay Hazare Trophy.

14th Asian Shooting Championships 2019 Held in Doha (Qatar)

It acts as Asian qualifying tournament for 2020 Summer Olympics in Tokyo. Medal Table -

Rank	Nation	Gold	Silver	Bronze	Total
1	China	20	20	5	45
2	South Korea	8	6	7	21
3	North Korea	6	2	3	11
4	India	5	10	11	26
5	Kuwait	3	3	2	8

India Ranked 7th with 26 Medals (5 Gold, 10 Silver and 11 Bronze).

Medalists -

Gold

- 25 m standard pistol team - Udhayveer Sidhu, Vijayveer Sidhu, Gurpreet Singh, Skeet - Angad Vir Singh Bajwa
- 10 m air pistol (Women) - Manu Bhaker
- 50 m rifle prone team (Women) - Anjum Moudgil, Kajal Saini, Tejaswini Sawant
- 10 m air pistol team (Mixed) - Abhishek Verma, Manu Bhaker

Individual Silver -

- 10 m air pistol - Saurabh Chaudhary
- 25 m center fire pistol - Gurpreet Singh
- 25 m standard pistol - Udhayveer Sidhu
- 50 m pistol - Gaurav Rana
- Skeet - Mairaj Ahmad Khan
- Notably, 10 m air pistol team Mixed Silver won by Saurabh Chaudhary and Yashaswini Singh Deswal.

Individual Bronze -

- 50 m pistol - Arjun Singh Cheema
- 10 m air rifle - Deepak Kumar
- 50 m rifle 3 positions - Aishwary Pratap Singh Tomar

2019 ATP Finals Men's tennis (London, United Kingdom) -

➤ It was season-ending event for highest-ranked singles players and doubles teams on 2019 ATP Tour.

➤ Singles - Stefanos Tsitsipas (Greece). He defeated Dominic Thiem (Austria).

➤ Doubles - France's Pierre-Hugues Herbert AND Nicolas Mahut

2019 Fed Cup, 57th edition of Women's Tennis tournament between national teams -

➤ French team comprising Kristina Mladenovic and Caroline Garcia defeated Australian duo of Ashleigh Barty and Samantha Stosur in Final, to win France's third Fed Cup title.

➤ Final was held in Perth (Australia).

2019 Fuzhou China Open Badminton Title -

- Men's Singles - Kento Momota (Japan)
- Women's Singles - Chen Yufei (China)
- Men's Doubles - Indonesia's Marcus Fernaldi Gideon AND Kevin Sanjaya Sukamuljo
- Women's Doubles - Japan's Yuki Fukushima AND Sayaka Hirota
- Mixed Doubles - China's Wang Yilü AND Huang Dongping
- India's Satwiksairaj Rankireddy and Chirag Shetty won bronze at the event.

2019 Paris Masters Men's Tennis -

- Singles - Novak Djokovic (Serbia)
- Doubles - France's Pierre-Hugues Herbert AND Nicolas Mahut

2019 Rugby World Cup (9th Edition), Hosted by Japan -

- 20 Nations Participated in the Event.
- South Africa won the title, defeating England in The final. New Zealand were ranked 3rd.
- It was 3rd Rugby world cup title for South Africa.

2019 World Para Athletics Championships (Dubai, UAE) -

India Ranked 24th, with 9 Medals (2 Gold, 2 Silver, 5 Bronze). Indian Medalists -

Gold -

- Sandeep Chaudhary - Men's Javelin Throw F44. He has also set new world record of 65.80 metre.
- Sundar Singh Gurjar - Men's Javelin Throw F46.

Silver -

- Sumit Antil - Javelin thrower (F64).
- Sharad Kumar - High jump (T63).

Bronze -

- Vinay Kumar Lal (men's 400m T44)
- Yogesh Kathuniya (men's discus throw F56)
- Mariyappan Thangavelu (men's high jump T63)
- Nishad Kumar (men's high jump T47)
- Ajeet Singh (men's javelin F46)

21st Asian Archery Championships 2019 held in Bangkok (Thailand)

Medal Table -

Rank	Nation	Gold	Silver	Bronze	Total
1	South Korea	9	2	2	13
2	India	1	2	4	7
3	China	0	2	1	3
	Chinese Taipei	0	2	1	3

Gold - India's Abhishek Verma AND Jyothi Surekha Vennam (compound Mixed team).

Silver -

1. Compound Men's Team (Mohan Bhardwaj, Rajat Chauhan, Abhishek Verma)
2. Compound Women's Team (Priya Gurjar, Muskan Kirar, Jyothi Surekha Vennam)

Bronze -

3rd Under 23 World Wrestling Championships 2019 Held in Budapest (Hungary) -

- Champions - Russia (Freestyle), Iran (Greco-Roman), Japan (Women)
- With 2 Silver Medals, India was ranked 14th.

1. Ravinder won silver in 61 Kg Men's Freestyle and Pooja Gehlot won silver in women's freestyle 53 KG event.

➤ 4th edition of U23 world wrestling championships will be held in Tampere (Finland).

As per year-end FIFA World Ranking 2019 -

- India ranked 108th in the list.
- Top 5 - Belgium (1), France (2), Brazil (3), England (4), Uruguay (5)

Assam Olympic Association (AOA) launched new programme - 'Grassroot Olympic -

Mission Talent Hunt' to identify and groom sports talent.

➤ Assam will also host Khelo India Youth Games during January 10-22, 2020.

Brazil won FIFA U-17 Football World Cup 2019, as 4th Title for Brazil. Brazil defeated Mexico in Final.

- It was hosted by Brazil, with participation from 24 Nations.
- Top scorer was Netherlands's Sontje Hansen and Best player title was given to Gabriel Veron (Brazil).

ISSF World Cup Final 2019 (Putian, China) -

- India Ranked at top. Indian Medalists -

Event	Winners	Medal
Men's 10 metre air rifle	Divyansh Singh Panwar	Gold
Women's 10 metre air rifle	Elavenil Valarivan	Gold
Women's 10 metre air pistol	Manu Bhaker	Gold
Mixed team 10 metre air pistol	Manu Bhaker (Ind) / Artem Chernousov (Russia)	Gold
Mixed team 10 metre air rifle	Snjezana Pejicic (Croatia) / Divyansh Singh Panwar (IND)	Gold
Mixed team 10 metre air pistol	Anna Korakaki (Greece) / Saurabh Chaudhary (IND)	Silver
Mixed team 10 metre air rifle	Apurvi Chandela (IND) / Zhang Changhong (China)	Silver
Mixed team 10 metre air pistol	Zorana Arunovic (Serbia) / Shahzar Rizvi (IND)	Bronze

➤ In Previous 4 Legs of ISSF World Cup in New Delhi, Beijing, Munich and Rio, India had won 16 Gold, 4 Silver and 2 Bronze Medals.

After Final, **India is at top with total 30 Medals** - 3 in Leg 1 in New Delhi, 4 in Leg 2 in Beijing, 6 in Leg 3 in Munich, 9 in Leg 4 in Rio De Janeiro and 8 in Final in Putian.

Medal Tally -

Rank	Nation	Gold	Silver	Bronze	Total
1	India	21	6	3	30
2	China	11	15	18	44
3	United States	6	6	3	15
4	Russia	5	6	5	16
5	Italy	5	2	7	14

- India's Harmeet Desai won men's singles title at International Table Tennis Federation (ITTF) Challenge Indonesia Open 2019 Table Tennis tournament at Batam (Indonesia). He defeated India's Amalraj Anthony.
- India's Lakshya Sen has won SaarLorLux Open badminton tournament at Saarbrücken in Germany, defeating Sen Weng Hong Yang of China.
- India's Maisnam Meiraba Luwang won boys' singles U-19 title at Korea Junior Open Badminton International Challenge 2019 in Miryang. Sathish Kumar Karunakaran claimed bronze in same category.
- Indian women won clinched 5 gold and men won 2 silver at Asian Youth Boxing Championship in Mongolia.
- Women medalists included Naorem Chanu, Vinka, Sanamacha Chanu, Poonam and Sushma.
- Men silver medalists included Selay Soy and Ankit Narwal.
- India won total 12 medals, with 7 Gold and 5 Bronze.
- International Hockey Federation (FIH) announced that India will host 2023 Men's Hockey World Cup in January 2023. Also, Spain and the Netherlands have been named as co-hosts of 2022 Women's World Cup.
- International Hockey federation announced that Odisha's Bhubaneswar and Rourkela cities will host 2023 Men's Hockey World Cup, After hosting the World Cup in 2018.

Misc. Sports News

- 10th Asian Age Group Swimming Championships held in Bengaluru. India finished with medal tally of 64 medals (20 gold, 24 silver and 20 bronze).
- Indian Female chess player Koneru Humpy ranked world number 3 in 2019 rankings by Fédération Internationale des Échecs (FIDE).
- Australian Female cricketer Alyssa Healy created world record for highest individual score in women's T20I, scoring 148 runs off 61 balls. Also, Harmanpreet Kaur became 1st Indian to play 100 T20 International matches.
- FIFA banned Eugenio Figueredo, former president of South American Football Confederation CONMEBOL, due to bribery charges.
- Army's Abdul Quadir Khan won Silver Medal at 53rd Asian Body Building and Physique Sports Championship held at Batam (Indonesia).
- For first time, a floating basketball court brought to India in Arabian Sea near Mumbai (Maharashtra). It has been brought for the National Basketball Association (NBA) game 2019, which features the Sacramento Kings and Indiana Pacers, in First week of October 4 & 5 2019.
- Austria's Christine Wolf won Hero Women's Indian Open Golf Title at Gurugram, Haryana.
- Surrender Singh of India created three world records at World Powerlifting Championships in Berlin, Germany. Also, Three-time World Champion Mukesh Singh won yet gold.
- FIBA (International Basketball Federation) stated that India will host Tokyo Olympic Games 3x3 basketball qualifying tournament in March 2020 with a total participation of 40 teams (20 male and 20 female teams).
- Dutee Chand broke her own 100-meter national record with a time of 11.22 seconds, during National Open Athletics Championships in Ranchi.
- Kenya's Eliud Kipchoge has become 1st athlete to run sub 2-hour marathon, busting mythical 2-hour barrier for marathon on a specially prepared course in a huge Vienna park (Austria). He finished marathon in 1 hr 59 min 40.2 sec and became the first ever to run a marathon in under 2 hours.
- Kenya's female runner Brigid Jepscheschir Kosgei has set a new world record in the 2019 Chicago Marathon held in Chicago (US). Kosgei completed in 2 hours 14 minutes and 4 seconds, better than earlier record of Paula Radcliffe with 2 hours 15 minutes and 25 seconds.
- Sports Ministry decided to provide access to four of its sporting infrastructure, free of cost to federations and athletes from November 2019. It is aimed at making sporting infrastructure accessible to all sports persons. 1st phase will see stadiums in the capital, including Jawaharlal Nehru Stadium (JLN), Indira Gandhi Stadium (IG), Major Dhyan Chand National Stadium and Karni Singh Shooting Range.
- 17-year-old Yashasvi Jaiswal became youngest cricketer in world to score a double century in One Day cricket, playing in Vijay Hazare season against Jharkhand.
- Raunak Sadhwani will be 65th Indian Grand Master (Chess) at age of 13 years.
- Cricketer Rohit Sharma has created new record in test cricket, getting past Australian great Don Bradman. The record is about test average of 99.84 on home soil, which is higher than Don Bradman's average of 98.22 on home soil in test cricket.
- Logo for Paris 2024 Olympic Games has been unveiled, in the art deco style which was trending in 1924 when Paris last hosted Olympics. The Logo also incorporates lips and outline of Marianne, the personification of the French Republic since the revolution in 1789.
- Sprinter Dutee Chand named Sportsperson of the Year in 2nd edition of the Vogue Women of the Year awards.

- Minerva Punjab FC has been renamed as Punjab Football Club, as per an agreement with Round Glass Sports Private Ltd.
 - Indian Boxer and Six-time world champion M C Mary Kom has been included in a 10-strong athlete ambassadors group to represent boxers in the build-up to 2020 Tokyo Olympic Games by the IOC's Task Force for the sport.
 - American Golfer Tiger Woods secured a record-equalling 82nd PGA Tour crown, winning Zozo Championship in Japan.
- World Youth Chess Championship 2019 held in Mumbai.**
India won 7 medals and stayed at top of tally. It Includes 1 gold, 3 silver, and 3 bronze medals. Russia ranked 2nd with 5 medals.
Indian Medalists –

Player	Event	Medal
Praggnanandhaa R	Open U18	Gold
Agrawal Vantika	Girls U18	Silver
Srihari L R	Open U14	Silver
Deshmukh Divya	Girls U14	Silver
Ghosh Aronyak	Open U16	Bronze
Sreeshwan Maralakshikari	Open U14	Bronze
Ravi Rakshitta	Girls U14	Bronze

- Zimbabwe and Nepal are re-admitted as International Cricket Council members. Zimbabwe will now be able to take up their place in the ICC Men's U19 Cricket World Cup in 2020. Zimbabwe Cricket was suspended in July 2019 and Nepal was banned in 2016 for "governmental interference".
 - Indian Women Cricket Team defeated Sri Lanka to win Women's Emerging Asia Cup 2019, hosted in Sri Lanka.
 - Official emblem of FIFA U-17 Women's World Cup 2020 has been unveiled. The tournament is to be held in India. Also, Thomas Dennerby is appointed as Indian Head Coach for the event.
 - 35th National Junior Athletics Championships 2019 held in Guntur (Andhra Pradesh).
 - India's Deepak Chahar has set record for Best bowling figures in T20 International Cricket by picking 6 wickets for 7 runs against Bangladesh. He went past Ajantha Mendis (Sri Lanka)'s record of 6 wickets/8 runs.
 - 63rd National Shotgun Shooting Championships held in New Delhi.
 - South Korea's Kim Joo Hyung won Panasonic Open Golf 2019 held in Gurugram (Haryana). India's Shiv Kapur finished tied runner-up with S. Chikkarangappa.
 - Indian wrestler Bajrang Punia has been conferred the Indian Personality of the Year Award (Sports) at the Indo Arab Leaders Summit & Awards 2019 in Dubai. Powerlifting champion Mahant Gaurav Sharma was honoured with Visionary Leaders of the Year (Sports) award.
 - Bhubaneswar (Odisha) will host India's home matches during 2020 Hockey Pro League, as announced by International Hockey Federation. It will be played between 11th of January and 28th of June in 2020.
 - Indian Hockey player-turned bodybuilder Chitahresh Natesan, also known as 'Indian Monster', became first Indian to win 'Mr. Universe (Pro) 2019' in 90kg category at 11th World Bodybuilding and Physique Sports Championship(WBPF) in South Korea.
 - India won its first-ever pink ball test match played against Bangladesh at Eden Gardens in Kolkata.
 - Serbia will stage its first-ever World Athletics Series, with its capital, Belgrade being named host of 2022 World Athletics Indoor Championships. Chinese city of Yangzhou is named as host of 2022 World Athletics Half Marathon Championships.
 - India won 28 medals at Under-15 Asian wrestling Championships at Taichung (China), including 13 gold, 14 silver and a bronze.
 - Indian Professional boxer Vijender Singh defeated Ghana's former Commonwealth champion Charles Adamu to claim his 12th successive win.
 - World Anti-Doping Agency (WADA) committee recommended a four-year global sports ban on Russia, including hosting and participating in major international sports events. It won't affect Russia hosting European Championship Football (UEFA) in 2020.
 - Australian Cricketer Steve Smith became fastest to score 7,000 runs in Test cricket, going past late English cricketer Wally Hammond.
- Red Bull's Belgian-Dutch Racer Max Verstappen won Brazil Grand Prix 2019**

Earlier, **Lewis Hamilton (UK)** had won his 6th F1 world championship by winning 2019 F1 Season, only behind Michael Schumacher in all time list.

Formula 1 Season 2019 -

Grand Prix	Winner
Australian Grand Prix	Valtteri Bottas (Finland)
Azerbaijan Grand Prix	
Japanese Grand Prix	
United States Grand Prix	
Bahrain Grand Prix	Lewis Hamilton (UK)
Chinese Grand Prix	
British Grand Prix	
Spanish Grand Prix	
Spanish Grand Prix	

Monaco Grand Prix	
Canadian Grand Prix	
French Grand Prix	
Hungarian Grand Prix	
Russian Grand Prix	
Mexican Grand Prix	
Abu Dhabi Grand Prix	
Austrian Grand Prix	Max Verstappen (Belgian-Dutch)
German Grand Prix	
Brazilian Grand Prix	
Belgian Grand Prix	Charles Leclerc (Monaco)
Italian Grand Prix	
Singapore Grand Prix	Sebastian Vettel (Germany)

Scottish Open Badminton 2019 -

- Men's Singles - **Lakshya Sen (India)**. He defeated Brazil's Ygor Coelho.
- Women's Singles - Qi Xuefei (France)
- Men's doubles - Scotland's Alexander Dunn AND Adam Hall
- Women's doubles - Denmark's Amalie Magelund AND Freja Ravn

Spanish tennis player Rafael Nadal led Spain to win its sixth Davis Cup title 2019, by defeating Denis Shapovalov of Canada.

2019 Davis Cup is 108th edition of Davis Cup, a tournament between national teams in men's tennis.

> Sri Lanka became first South Asian nation to criminalise several offences related to match-fixing, after Sri Lankan parliament passed of a bill related to it labelled as "Prevention of Offences Related to Sports". It covers all sports. Punishment includes jail term up to 10 years and fines.

SCIENCE AND TECHNOLOGY

NASA's PUNCH mission has selected Indian Scientist Dipankar Banerjee as its co-investigator

Dipankar Banerjee, a solar physicist from Indian Institute of Astrophysics has been selected by NASA (National Aeronautics and Space Administration) for its PUNCH mission. PUNCH is an acronym for "Polarimeter to Unify the Corona and Heliosphere", which will image the Sun. The objective of the mission is to understand the transition of particles from the Sun's outer corona to the solar wind that fills interplanetary space.

Astronomers discovered the source of Fast radio burst

For the first time, an international team of researchers has discovered the source of FRB 180924, a mysterious powerful pulse of cosmic energy known as Fast Radio Burst (FRB), which lasted for just a fraction of a second. The discovery has been made by using the Australian Square Kilometer Array Pathfinder (ASKAP) radio telescope in Western Australia.

NASA to send 'Dragonfly' drone mission to Titan for looking origins & signs of life

America's space agency, National Aeronautics and Space Administration (NASA) has planned to send a flying multi rover vehicle, 'Dragonfly' to Saturn's moon Titan to search for signs of life. It will be launched in 2026 and set to land on Saturn's largest moon in 2034. The outlay of the mission was \$850 million. Titan is Saturn's largest moon and the second largest moon in the solar system after Jupiter's moon Ganymede.

Indian Railways conducting trials of Tri-Netra technology: Piyush Goyal

Union Railway Minister Piyush Goyal stated that in order to reduce accidents, Indian Railways is conducting extensive trials of modern technology TRI-NETRA (Terrain Imaging for Drivers Infrared, Enhanced, Optical & Radar Assisted) for detecting obstructions on tracks during fog. It will assist Loco pilots to identify obstructions on tracks by using Infrared Camera, Optical Camera and Radar assisted imaging system (Tri-Netra).

NASA successfully tests launch-abort system for moon-mission capsule

The National Aeronautics and Space Administration (NASA) successfully conducted the test of a launch-abort system for the Orion capsule designed to take United States (US) astronauts to the Moon. It took place at the Cape Canaveral Air Force Station in Florida, US. It was launched by a mini rocket, a repurposed first stage of an intercontinental ballistic missile.

ISRO signed a contract with Russian company Glavkosmos to train Indian astronauts for 'Gaganyaan'

The Indian Space Research Organisation (ISRO) signed a contract with a Russian company, Glavkosmos, a subsidiary of the state corporation Roscosmos, for selection support, medical examination and space training of Indian astronauts for 'Gaganyaan' mission. Gaganyaan, Rs 9, 023-crore project, will be launched in December 2021 including a woman astronaut.

Arctic mission will trap scientists in ice to study the impact of climate change

The German icebreaker RV Polarstern, a hulking ship will set out for the Arctic mission. It will trap scientists for a year in ice in the Arctic Ocean to study the impact of climate change. The mission will be led by Markus Rex of Alfred Wegener Institute in Germany. The outlay of this expedition is \$158 million.

New gene linked to schizophrenia discovered by Indian and Australian scientists

After 18 years of research, Scientists from the University of Queensland in Australia and a team of Indian researchers led by R Thara, co-founder and director of the Chennai-based Schizophrenia Research Foundation have discovered a new gene directly linked to schizophrenia. They identified a gene called NAPRT1 which encodes an enzyme involved in vitamin B3 metabolism.

Pune's IITM has developed an extended range prediction system

Pune's Indian Institute of Tropical Meteorology (IITM) researchers have developed an extended range prediction system aims at the real-time monitoring and prediction of forthcoming heat waves 2 to 3 weeks in advance. Heatwave day is defined when either the maximum temperature is above 44° C, or when the region is facing unusually hot temperature/when the temperature is more than 36 °C /when departure from the normal temperature is more than 3. 5 °C.

A new human atlas initiative named 'Manav' launched for holistic understanding of human biology

Manav, a new human atlas initiative has been launched by the Department of Biotechnology (DBT) and Persistent Systems, a biotechnology company towards improving knowledge on human biology. DBT has invested Rs. 13 crores shared between two institutions in Pune - National Centre for Cell Science (NCCS) and Indian Institute of Science, Education and Research (IISER), Pune. Besides, Persistent Systems Limited has co-funded the project contributed Rs 7 crore.

Lucrezia Terzi, a researcher provides a new way of predicting monsoon to help farmers

A researcher at the Belgian Nuclear Research Centre (SCKCEN), Lucrezia Terzi provides a new way of predicting the monsoon two months in advance, by measuring how much Beryllium-7 (Be-7, an isotope of Beryllium) is present in the air. The study has been published in Nature magazine.

Russia successfully launched its Soyuz-2. 1a carrier rocket with 33 satellites

The Russian space agency Roscosmos has successfully launched its Soyuz-2. 1a carrier rocket with a hydrometeorological satellite and 32 small satellites. It was launched from the Vostochny spaceport in the Far Eastern Amur Region aimed at solving problems of space weather research and monitoring the movement of civil aircraft.

First-ever image of quantum entanglement "Bell entanglement" unveiled by the physicists of Glasgow University

A team of physicists from the University of Glasgow has taken a photo of a strong form of quantum entanglement called Bell entanglement. It has captured a visual evidence of an elusive phenomenon which a baffled Albert Einstein once called "spooky action at a distance". This information was published in the paper titled 'Imaging Bell-type nonlocal behavior' in the journal Science Advances.

India's ambitious moon mission, Chandrayaan-2 called off due to technical glitch

India's ambitious moon mission, Chandrayaan-2 has been called off due to a technical snag in just 56 minutes and 24 seconds before its scheduled launch. Indian Space Research Organisation (ISRO) confirmed that the launch had been canceled after a technical snag was detected in one of the launch systems of the GSLVMkIII-M1 (Geosynchronous Satellite Launch Vehicle Mark III). ISRO aims to touch down on the South Pole of the Moon where no country had gone before.

Russia Successfully Launched Spektr-RG, a powerful X-Ray Observatory, into Space

The Russian space agency has successfully launched Proton-M rocket carrying the Spektr-RG (Spectrum Roentgen Gamma) space telescope from the Baikonur Cosmodrome in Kazakhstan. The Spektrum- Röntgen-Gamma mission, also known as Spektr-RG, is a joint project developed by Russian space agency, Roscosmos, and the German space agency, DLR.

E-Cigarettes Damage Brain Stem Cells: UCR study

A research team at the University of California, Riverside (UCR) has found that electronic cigarettes (e- cigarettes-ECs) damage brain cells. The team found that e-cigarettes, often targeted at youth and pregnant women, produce a stress response in neural stem cells, which are critical cells in the brain.

Chandrayaan-2 launched successfully from SDSC, Sriharikota, AP

India's heaviest rocket Geosynchronous Satellite Launch Vehicle (GSLV) Mk-III, nicknamed 'Bahubali' carried the Chandrayaan-2 mission successfully from the Satish Dhawan Space Centre (SDSC) in Sriharikota, off the coast of Andhra Pradesh. It is an Rs 978-crore project. The Chandrayaan 2 mission is set to explore the south polar region of the

Moon, which is also known as Dark Side of the Moon due to the absence of sunlight.

Scientists Build Ramanujan Machine in honor of the Indian maths genius.

Researchers from Technion - Israel Institute of Technology have created an algorithm rather than a machine called Ramanujan Machine to honor the prominent and path-breaking mathematician of the 20th century, Srinivasa Ramanujan. The Machine attempts to automatically generate conjectures in the form of mathematical formulas that we can analyze, and hopefully, prove to be true mathematically.

Union minister launches Next Generation Sequencing (NGS) facility at CCMB in Hyderabad

The Union Health Minister Dr. Harsh Vardhan in Hyderabad launched NGS facility at the Centre for Cellular and Molecular Biology (CCMB), which will be used for genomics study. The Next-Gen Sequencing facility can sequence up to 30 human genomes (or 384 samples) per day which will help researchers to individually tag genomes of up to 80000 cells. This process of tagging genomes could be done in 8 minutes.

Ministry of home affairs approves Bhabha Kavach to be India's 1st Lightest, Indigenous Bullet Proof Jacket

Bhabha Kavach called as "India's lightest bullet-proof jacket" was launched at the International Police Expo 2019 in New Delhi. The bulletproof jacket is developed by the Ordnance Factories Board (OFB) and metal alloys manufacturer Mishra Dhatu Nigam (MIDHANI) which is headquartered at Hyderabad.

Bangladesh develops an alternative for plastic from jute- "Sonali"

A team of scientists working for Bangladesh Jute Mills Corporation (BJMC) has developed a method to convert Jute fiber into low-cost Biodegradable cellulose sheets. It is named as "Sonali" - the Bengali word for "golden" bags. It is biodegradable after three months buried in soil and can also be recycled. Jute is called as the "golden fiber".

ISRO to launch India's 1st solar mission Aditya-L1 in the first half of 2020

The Indian Space Research Organisation (ISRO) has announced that it will launch its first solar mission Aditya-L1 in the first half of 2020. It will be the first dedicated scientific mission to study Sun's corona. It aims to put Aditya-L1 satellite (800-kg) into a halo orbit around Lagrangian point L1 of Sun and Earth system. The L1 point is situated at a distance of about 1.5 million km from earth.

"JATAN", Virtual Museum software for Digitization of Archaeological Museum

Union Minister of State of Culture and Tourism, Prahlad Singh Patel stated that digitization of Archaeological Museum across the country is being done in a phased manner through special software 'JATAN', developed by Human Centres Design and Computing Group, Centre for Development of Advanced Computing (C-DAC), Pune, Maharashtra.

China's Tiangong-2 spacecraft destroyed upon its controlled re-entry into Earth's atmosphere over the Pacific Ocean

According to the China Space Agency, China's experimental space lab "Tiangong-2" was destroyed upon its controlled re-entry into Earth's atmosphere over the Pacific Ocean. The space state was retired from service after it had completed its experiments in space. During the re-entry phase, most of Tiangong-2 had burnt up in the atmosphere and its remaining debris fell near Point Nemo, the most remote location on Earth.

Indian scientists from ARIES discovered 28 new stars in Milky Way

A team of scientists at Aryabhata Research Institute of Observational Sciences (ARIES) in Nainital district of Uttarakhand has discovered 28 new variable stars in Milky Way galaxy. This is the first time variable stars have been found in NGC 4147, in the constellation of Coma Berenices. The findings of the research have been published on arXiv, & it will be published in detail in the August issue of Astronomical Journal.

IIT Madras develops Agricopter to eliminate manual spraying of pesticides

A 'smart agricopter' has been developed by the team of three students of the Indian Institute of Technology (IIT) Madras to eliminate manual spraying of pesticides in agricultural fields & It also allows spraying pesticides 10 times faster with 100% accuracy than manual spraying. The price of agricopter estimated to be around Rs. 5.1 lakh.

Pakistan will send its first man to space in 2022

Pakistan informed that it will send its first astronaut to space in 2022 using China's satellite launching facilities. The selection process of the astronaut for the space mission will commence from February 2020.

WHO recommends the use of innovative anti HIV drug Dolutegravir (DTG)

The World Health Organization (WHO) has recommended the use of anti-Human Immunodeficiency Virus (HIV) drug Dolutegravir (DTG) as the preferred first-line and second-line treatment for all populations, including pregnant women and those of childbearing potential. It will help more countries to improve their HIV policies. DTG is more effective, easier to take and has fewer side effects than alternative drugs. It has a high genetic barrier to developing drug resistance.

Scientists from IIT Hyderabad developed an eco-friendly solar cell using kumkum dye- DSSC

Scientists from the Indian Institute of Technology (IIT) Hyderabad developed low-cost, environment-friendly solar cells named Dye-sensitised solar cell (DSSC) by employing an off-the-shelf dye used to make kumkum or vermilion. DSSC is based on New Fuchsin (NF) dye with aqueous electrolyte and platinum-free counter electrodes. The research was published in the Solar Energy Journal.

Scientists designed novel molecular framework in superbug armour

Researchers from the Indian Institute of Technology (IIT) Kanpur and Lucknow based Central Drug Research Institute (CDRI) designed a novel molecular framework to destroy superbugs (a bacteria that is resistant to drugs and estimated to kill 10 million people worldwide by 2050). Scientists used Staphylococcus aureus, bacteria found in nostrils upper respiratory tract and on the skin of nearly 30% people.

Govt plans to prevent vehicle theft with microdot patches

The Union Ministry of Road Transport & Highways (MoRTH) has issued a Draft Notification GSR 521(E) in order to amend Central Motor Vehicle Rules, 1989. The amendment will make it compulsory for motor vehicles and their parts, components, to be affixed with permanent and nearly invisible microscopic dots that can be identified with an ultraviolet light source.

Two new vaccines introduced to conduct India's first tuberculosis preventive trial

India's first large scale trial for Two new TB vaccines, was launched by the Indian Council of Medical Research (ICMR). The two drugs are IMMUVAC and VPM1002. The TB vaccine trial will be carried out in 6 States involving more than 12000 healthy household contacts of newly diagnosed TB patients with 2000 participants from each state. The six states are: Delhi, Maharashtra, Odisha, Telangana and Karnataka and will be implemented over the next 7-8 months.

ISRO laid foundation stone for Space Situational Awareness Control Centre at Peenya, Bengaluru

Chairman of Indian Space Research Organization (ISRO) Dr. K Sivan laid foundation stone for Space Situational Awareness Control Centre at Peenya, Bengaluru, Karnataka which will host a range of activities related to the protection of Indian space assets from inactive satellites, pieces of orbiting objects, near-earth asteroids and adverse space weather conditions.

World's thinnest gold created by British Scientists

Scientists from the University of Leeds, United Kingdom (UK), claim to have created the world's thinnest gold (periodic table representation of gold is Au) which is one million times thinner than fingernail of human. As it appears to be green in the water, researchers named it gold "nanoseaweed". This paperwork was published in the journal Advanced Science. The lead author of the study is author Sunjie Ye.

Three new exoplanets discovered by NASA's TESS in a new planetary system TOI 270.

The Transmitting Exoplanet Survey Satellite (TESS) of NASA has discovered 3 new planets which are the smallest and nearest known to date. The planets include a small, rocky super-Earth and 2 Sub-neptunes orbiting a dwarf star just 73 light-years away from our earth. A paper describing the system was published in the journal Nature Astronomy.

Scientists from IIT-Kanpur develop a robotic hand to help paralyzed stroke patients

The scientists at the Indian Institutes of Technology (IIT) Kanpur have developed the world's first robot hand for the rehabilitation of stroke patients. It is a two-finger robotic hand (exoskeleton) that uses a four-bar mechanism and has four degrees of freedom (DOF). It uses brain signals, with the help of the brain-computer interface (BCI). It was developed by Professor Ashish Dutta and Professor K S Venkatesh.

Researchers from China & US developed a new computer model to predict India's pollution levels

The team of researchers from China and the United States developed a new computer model that can help accurately predict air pollution levels in the region a season in advance. The data from El Niño and Antarctic Oscillation events can be used to predict air pollution levels in northern India. The research was published in the journal Science Advances.

Flipkart launched 'Samarth' initiative to support weavers, artisans and makers of handicrafts to its platform

Anurag Thakur, Minister of State, Finance and Corporate Affairs and Kalyan Krishnamurthy, Chief Executive Officer (CEO) of Flipkart Group launched 'Samarth', an initiative of Flipkart, to support weavers, artisans, and makers of handicrafts to its platform.

NASA's TESS satellite discovers first nearby super Earth

A super-Earth was discovered by an international team of astronomers led by Lisa Kaltenegger and is considered to be the first potentially habitable world outside our own solar system. The super-Earth is named as GJ 357 d and it was discovered by NASA's Transiting Exoplanets Survey Satellite

(TESS) according to new modelling research in "Astrophysical Journal Letters".

IIT Kharagpur researchers develop 'zero loss' process HTC for wet MSW management

A research team from Indian Institute of Technology (IIT) Kharagpur have developed a 'zero loss' process called Hydro Thermal Carbonization (HTC) for the Indian conditions which can effectively manage mixed Municipal Solid Waste (MSW) with high moisture content where MSW can be converted into biofuel, soil amendment, and absorbents.

Rotavirus Vaccination Extended Across All States and UTs By September 2019

Union Minister of Health and Family Welfare, Dr. Harsh Vardhan, decided to provide Rotavirus vaccine (RVV) to children across all states and Union Territories (UT) by September 2019 in order to achieve the goal of ending morbidity and mortality in children due to diarrhoea by 2022. Rotavirus is the most common cause of severe diarrhoea in children of less than 2 years of age.

Falcon 9 rocket launched by SpaceX carrying AMOS-17 satellite of Israel

The US (United States) carrier rocket Falcon 9 carried Israel's satellite AMOS-17 off the pad in Florida, America. This is SpaceX's 25th reflight of an orbit class rocket and also this booster's third flight. The communication satellite will be used by the US military and other govt. Leaders for secure voice, video and data communications. It is a replacement for Amos-5.

Huawei launches its own Operating System HarmonyOS

Huawei Technologies launched its own Operating System (OS) named HongMengOS in Chinese/ HarmonyOS in English. The first version of the OS will be launched later in 2019 in its smart screen products. It is a part of Huawei's play in the Internet of Things (IoT).

India's first clinical ecotoxicology facility inaugurated at AIIMS, Delhi

India's first-of-its-kind clinical ecotoxicology facility was inaugurated at the All India Institute of Medical Sciences (AIIMS), Delhi. It will investigate the increasing number of diseases resulting from exposure to environmental toxins contaminating water, food, and air. It will provide diagnostic and research services to all the clinical departments dealing with diseases due to ecotoxicity.

Astronomers discover massive black hole with mass of 40 billion suns.

Astronomers from the Max Planck Institute for Extraterrestrial Physics, Germany discovered a Super Massive Black Hole (SMBH) with a mass of 40 billion suns (40 billion solar masses). The findings of this SMBH is published in the Astrophysical Journal.

For the first time, IIT Madras records initial success by fabricating a rechargeable iron ion battery For the first time, a team of Researchers led by Ramaprabhu Sundara at Indian Institute of Technology (IIT) Madras has fabricated a rechargeable iron ion battery designed using mild steel as the anode. The rechargeable iron ion battery is cost-effective and it will store a high amount of energy in the battery & also displayed good stability with 54% capacity retention at the end of 50 cycles.

IIT Hyderabad, NIT Jalandhar Researchers develop Bone Implant Materials From waste Eggshells

Indian Institute of Technology (IIT) Hyderabad and Dr. B R Ambedkar National Institute of Technology (NIT) Jalandhar (Punjab) researchers have developed a process by which bone implant materials can be synthesized from eggshells which are dumped as waste. The research work done by the team was published in the March 2019 issue of the journal Ceramics International.

IITM develops Multimodal Robotic System called "GraspMan" with a human-like grasp

A team of researchers led by Asokan Thondiyath at Indian Institute of Technology Madras (IITM) have developed a new class of Robotic System called "GraspMan", which has a human hand like grasping, manipulation and locomotion abilities. The research has been published in Journal of Mechanisms and Robotics.

FDA of US approves PRETOMANID new drug for drug resistant TB

The United States (US) Food and Drug Administration (FDA) gave approval to a new drug named Pretomanid, for treating extensively drug-resistant Tuberculosis (XDR TB) which is estimated to have a mortality rate of 60%. Pretomanid was developed by New York based non profit organisation TB alliance. It is used as a combination of drugs along with bedaquiline and linezolid collectively called as BPaL regimen.

China successfully launched a new rocket for commercial use named Smart Dragon-1

A new rocket for commercial use named Smart Dragon-1 (SD-1) with 3 satellites, developed by the China Rocket Company affiliated to the China Academy of Launch Vehicle Technology (CALVT) was launched successfully from the Jiuquan Satellite Launch Centre in northwest China. 3 satellites were developed by 3 separate Beijing-based companies. They will be used for remote sensing services, communication and Internet of Things (IoT).

India Gets Its First NEDL Finalized By ICMR

India has got its first National Essential Diagnostics List (NEDL) finalized by the Indian Council of Medical Research (ICMR). The objective of the list is to bridge the current regulatory system's gap that does not cover all the medical devices and in-vitro diagnostic device (IVD). With this, India became the first country to compile such a list.

Scientists discovered a new pain-sensing organ in the skin

Researchers at Karolinska Institute in Sweden have discovered a new mesh-like organ in the skin that senses pain and able to detect painful mechanical damage such as pricks and pressure. The study has been published in the journal, 'Science'. The new two-cell receptor sensory organ is made up of glial 'Schwann' cells with multiple long protrusions present below the outer layer of skin (the epidermis).

Astronomers discovered a 2nd planet called 'B Pictoris c' for Beta Pictoris star

Astronomers at the Institute for Planetary sciences and Astrophysics, Grenoble, France (IPAG) have discovered a 2nd planet called 'B Pictoris c'. It is roughly around 3, 000 times more massive than Earth. It orbits Beta Pictoris star, which is about nearly twice the mass of Sun and lies about 63 light years away from Earth. The discovery was published in the journal Nature Astronomy.

Membranes that can separate oil and water developed by IIT Guwahati researchers

The researchers from the Indian Institute of Technology (IIT) Guwahati, Assam invented two distinct and special membranes that can separate oil and water, even under harsh conditions. This development is expected to be used in applications of oil spill management. The work is published in ACS Sustainable Chemistry & Engineering journal.

Karnataka Government categorised Nicotine as "class A poison"

The Government of Karnataka amended the Karnataka Poisons (Possession and Sale) Rules 2015 and notified Nicotine as "Class A poison" in order to strengthen the enforcement of the ban on production and sale of electronic cigarettes. The new rules are called the Karnataka Poisons (Possession and Sale) Rules, 2019.

NASA's MMS Mission took 1st high-resolution measurements of an interplanetary shock

America's space agency, NASA's (National Aeronautics and Space Administration) Magnetospheric Multiscale mission (MMS) has obtained 1st high-resolution measurements of an interplanetary shock event. These shocks are launched from the Sun which continually releases streams of charged particles called the solar wind, which has 2 types, slow and fast. When a fast stream of solar wind overtakes a slower stream, it creates a shock wave. The findings have been published in the Journal of Geophysical Research: Space Physics.

US startup Cerebras Systems unveils World's largest processor with 1. 2 trillion transistors called Cerebras Wafer Scale Engine

New artificial intelligence (AI) company Cerebras Systems based in United States (US) has unveiled the world's largest single silicon-based processor, the Cerebras Wafer Scale Engine (WSE) with 1. 2 trillion transistors, the basic on-off electronic switches that are the building blocks of silicon chips.

NASA confirms Europa Clipper Mission

National Aeronautics and Space Administration (NASA), United States (US) space agency, has confirmed the next phase of development of the Europa Clipper Mission, an interplanetary mission to Jupiter's smallest moon Europa, with the target to launch by 2023. It will be conducting an in-depth exploration of Jupiter's moon Europa.

Russia successfully sent its First Humanoid Robot into space 'Fedor'

Russia launched its first unmanned rocket carrying a life-size humanoid robot named 'Fedor' (Final Experimental Demonstration Object Research) in Soyuz MS-14 spacecraft from Russia's Baikonur cosmodrome in Kazakhstan. It will spend 10 days learning to assist astronauts on the International Space Station (ISS).

Amid increasing tensions with US, Iran unveils its new home-grown missile defence system, "Bavar-373"

The Iranian Defense Ministry has unveiled its new home-grown air defence system called "Bavar-373" at a time of increasing tensions between Iran & United States (US) since US President Donald Trump in 2018 withdrew the US from the Iran nuclear deal -2015 and reimposed sanctions on Iran. It is a mobile surface-to-air missile system which means "believe" in Farsi.

Ocean Power Classified As Renewable Energy By The Govt

The proposal to declare ocean energy as renewable energy was approved by R K Singh, Power and New & Renewable Energy Minister. According to the proposal, all forms of ocean energy, such as tidal, wave, ocean thermal energy conversion, will now be considered as renewable energy and also be eligible for meeting non-solar renewable purchase obligations (RPO).

Prakash Javadekar inaugurates National Centre for Avian Ecotoxicology in Coimbatore, Tamil Nadu

The Union Environment, Forest and Climate Change and Information and Broadcasting Minister Prakash Javadekar has inaugurated the National Centre for Avian Ecotoxicology at Salim Ali Centre for Ornithology and

Natural Sciences ((SACON) in Coimbatore, Tamil Nadu. The ministry also funded an amount of Rs 4 crore to the centre for modernization & to handle the challenges posed by the continued entry of newer chemicals into the environment.

NASA named a rock on Mars in honour of the iconic English band, The Rolling Stones

National Aeronautics and Space Administration (NASA) named a rock on Mars in honour of the iconic English band, The Rolling Stones. The team behind NASA's InSight lander has named a Martian rock after the band: 'Rolling Stones Rock.' The InSight mission is led by NASA's Jet Propulsion Laboratory (JPL).

North Korea tests new 'super-large' multiple rocket launcher

A newly developed "super-large multiple rocket launcher" as part of North Korea's expanding weapons arsenal (collection of weapons and military equipment) was test-fired and was supervised by North Korea's supreme leader Kim Jong-Un. This latest North Korean launch was made two days after South Korea announced the possible termination of its intelligence-sharing deal with Japan amid trade disputes between the US (United States) allies.

Satellite surveillance of ships planned between India and France

India and France have formalized the development and launch of a unique constellation of around 10 low-earth orbit satellites. It will continuously provide maritime surveillance and security. The satellite-based Automatic Identification System (AIS) will detect, identify and track a range of vessels moving in the Indian Ocean region and guard against aggression, terrorism, piracy, smuggling, source of oil slicks and also be useful for rescues.

Intel launched its first artificial intelligence chip 'Spring Hill'

Intel Corp launched its latest processor named 'Spring Hill' or Nervana NNP (neural network processor) -I 1000, at the HotChips 2019 symposium for high-performance chips at Stanford University in California, United States. It is Intel's first artificial intelligence (AI) chip.

IIT-Guwahati Researchers developed lab grown meat

Researchers from the IIT-Guwahati (Assam), have developed a fully-grown meat in their Biomaterial and Tissue Engineering laboratory. Claimed to be natural, the meat is formulated and is applied for patent rights for production. Also, it has improvised nutritional values as per customer needs.

MIT scientists developed biggest-ever carbon nanotube computer chip- RV16XNano

Scientists at the Massachusetts Institute of Technology (MIT), Cambridge, USA, have developed the biggest-ever computer chip using carbon nanotubes (CNT)- RV16XNano. This was published in the journal Nature. RV16X-Nano is a 16-bit processor that contains 14, 000 transistors — electronic switches. These switches are made up of CNT — tiny cylinders made of rolled-up, atom-thick sheets of graphene.

'Samudrayaan'- Deep ocean mining project to be undertaken by India

India's deep-sea project "Samudrayaan" undertaken by National Institute of Ocean Technology, Chennai (NIOT) is proposed to be launched in 2021-22. The proposed project announced by NIOT Director MA Atmanand, is a part of Ministry of Earth Sciences' pilot project and plans to send three persons to depth in a submersible vehicle of 6000mtrs for underwater studies related to deep-sea mining of rare minerals.

Iranian army introduces a new homegrown jet-propelled drone called "Kian"

Iranian Army has unveiled a high-precision jet-propelled drone called "Kian", which has the capacity of carrying long-time surveillance missions and attack the targets far from the country's borders. The new drone comes at a time increasing tensions between Iran and the United States(US) since US President Donald Trump in 2018 withdrew the US from the Iran nuclear deal -2015 and reimposed sanctions on Iran.

ISRO lost the signal from Chandrayaan 2's lander Vikram

The communication from Chandrayaan-2's Vikram lander of 1471 kg to Indian Space Research Organisation's (ISRO) ground station was lost before its soft landing on the unexplored lunar south pole of the Moon. The contact was lost when the lander was 2. 1km away from the surface of the moon. Rs 978-crore project consisted of 3 components namely the Orbiter, the Lander 'Vikram', and the Rover Pragyan (27kg).

IAF Chief B S Dhanoa restored Ambala-based 17th Squadron 'Golden Arrows' to operate first unit of Rafale aircraft

Indian Air Force (IAF) chief Air Chief Marshal Birender Singh Dhanoa restored Air Force Station (AFS) Ambala-based 17th Squadron 'Golden Arrows' which will be committed to operate India-Pakistan frontier. It will be the first unit to operate the newly acquired Rafale aircraft. He also presented a memento to Station Commander Group Captain Harkirat Singh to commemorate the occasion.

China launches 3 satellites will help areas including disaster management and climate monitoring

China has successfully launched three satellites (resource satellite- ZY-1 02D and two small satellites). These satellites have been launched in a

predetermined orbit that will help in disaster management, urban construction and monitoring of Polar Regions and global climate change.

K2-18b: Water discovered for the first time in atmosphere of habitable exoplanet

Astronomers have found water for the first time in atmosphere of habitable exoplanet- K2-18b which orbits in its star's "habitable zone". The article was published in the scientific journal Nature Astronomy and the lead scientist of the research is Prof Giovanna Tinetti of University College London (UCL), United Kingdom.

BHEL commissions 1, 320 MW thermal plant in Jharsuguda, Odisha

Govt. of India owned state run engineering firm Bharat Heavy Electricals Limited (BHEL) announced commissioning of 1320 MegaWatt(MW) power project in Ib Thermal Power Station(ITPS) in Odisha's Jharsuguda district. This generated power will be supplied to Grid Corporation of Odisha(GRIDCO).

First-ever arrested landing of LCA Tejas successfully executed by DRDO, ADA

The first-ever arrested landing of the Light Combat Aircraft(LCA) Tejas was successfully executed by the Defence Research and Development Organisation(DRDO) and Aeronautical Development agency(ADO) of DRDO at INS Hansa, Goa at a shore-based facility centre. This achievement would pave way to take up aircraft carrier landing demonstration on Indian Naval Aircraft Carrier, INS (Indian Naval Ship) Vikramaditya.

Astronomers using NSF's Green Bank Telescope discovered the most massive neutron star ever - MSP J0740+6620

Astronomers at West Virginia University (U. S) using Green Bank Telescope (GBT) of the National Science Foundation (NSF) in Pocahontas County, United States (US) have discovered the most massive neutron star ever called MSP J0740+6620. It is one of the densest objects in the known universe. The research was published in the journal Nature Astronomy.

Consumer affairs minister Ram Vilas Paswan launched online 'national laboratory directory'

Union minister of consumer affairs, food and public distribution Shri Ram Vilas Paswan launched an online 'National Laboratory Directory', a one-stop-shop that provides information about testing infrastructure of industries, academia, researchers and various products of Indian standards for stakeholder benefits, especially start-ups. 'Manak-Online' – Public web interface and app have also been developed for to check authenticity of a BIS Licence / Registration of a product.

President Ram NathKovind launched First Indigenous High Temperature Fuel Cell System by CSIR under NMITLI in Delhi

President of India, Shri Ram NathKovind, launched first Indigenous High Temperature Fuel Cell System developed by Council of Scientific and Industrial Research (CSIR) under flagship programme named "New Millennium Indian Technology Leadership Initiative (NMITLI)". This system was launched in partnership with Indian industries on the 78th foundation day of CSIR in New Delhi. A book titled "Bhatnagar Laureates 1958-2018" was also released during the function.

Second interstellar object 2I/Borisov discovered in the solar system

According to the International Astronomical Union (IAU), a second interstellar object named 2I/Borisov has been discovered in the solar system. It was discovered by amateur astronomer Gennady Borisov from MARGO observatory, Crimea on August 30, 2019, which looked like a comet from a 0. 65-metre telescope built on his own. The first interstellar object was 1I/Oumuamua.

Astronomers detect a Jupiter-like planet named "GJ 3512 b"

Astronomers unexpectedly discovered a gas giant Jupiter-like planet named "GJ 3512 b" which is orbiting a dwarf star, located about 30 light-years from the sun. The discovery was published in the journal Science and the lead author of the study is Juan Carlos Morales from the Institute of Space Studies of Catalonia, Spain.

A new mineral 'Goldschmidtite' discovered inside a diamond

Nicole Meyer, a graduate student at the University of Alberta's Diamond Exploration Research and Training School, Canada and the lead author of the research, discovered a new mineral named 'Goldschmidtite' inside a diamond from a mine- Koffiefontein pipe in South Africa run by De Beers. It is named goldschmidtite in honor of Victor Moritz Goldschmidt, the founder of modern geochemistry.

ISRO initiated 'Project NETRA'- A space situational awareness step to detect debris and other hazards to Indian satellites

The Indian Space Research Organisation(ISRO) has initiated 'Project NETRA' in the middle of its Chandrayaan campaign last month, in-order to detect debris in space and other hazards in Indian satellites which would act as a step for Space Situational Awareness(SSA). The project is estimated to be worth of Rs. 400 Crore. NETRA is a network of observational tools like telescopes and radars, which will be connected to a data processing units and a control centre, which have the ability to track objects/debris as small as 10cm upto a range of 3400km and also equal to space orbit of 2000k m.

Scientists discover 8th continent, "Greater Adria" hidden under Europe

Geologists under the principal researcher Douwe van Hinsbergen, Professor at Utrecht University, Netherlands, have discovered a new continent named "Greater Adria" in the mediterranean region under Europe, after successful analysis of mountain ranges from Spain to Iran in detail for 10 years. The discovery of this continent is published in the journal 'Gondwana Research'.

App & Web Name Launched by Purpose Applications for Remedies in Trade for Indian Industry and other Stakeholders (ARTIS)

Directorate General of Trade Remedies (DGTR) For filing anti-dumping applications by the domestic industry for speedy resolution of dumping issues. It has invited the applications to file the process to be followed by Domestic Industry for anti-dumping investigations under Section 9A of the Customs Tariff Act, 1975 as amended and the Customs Tariff (Identification, Assessment and Collection of Anti-Dumping Duty on Dumped Articles and for Determination of Injury) Rules, 1995.

Audio Odigo app Tourism Ministry

For 12 sites of India inclusive of iconic sites in New Delhi for benefiting tourists. A Memorandum of Understanding (MoU) for Delhi's GolGumbad(15th century domed tomb from the Lodi dynasty period) with Government of Delhi and Resbird Technologies were signed in developing the tourism amenities in presence of Director General(DG) of Archaeological Survey of India(ASI) Smt. Usha Sharma.

Consumer App Consumer Affairs Minister, Shri Ram Vilas Paswan

In order to redress public grievances and provide valuable solutions on consumer-related issues. The app, which strengthens 'digital India' objectives, provides a one-stop solution to the consumer grievances via mobile devices. The grievances will be resolved in a time-bound manner within 20 days. It takes 2months/60days to resolve a grievance in case of eliciting feedback from companies or further enquiries.

EDantseva Website And Mobile Application Health Ministry

Aim to provide oral health information collected from authentic scientific resources. He also released the Braille booklet and Voice over on Oral Health Education for the visually impaired individuals to access information, along with the oral health posters for pregnant women and children.

PRAKASH portal Union Ministers RK Singh and Shri Pralhad Joshi jointly launched

This portal was launched in bringing transparency as well as better coordination in coal supplies to power plants. The link for the portal is <https://mapp.ntpc.co.in/prakash>.

IPRs "L2Pro India" Guruprasad Mohapatra,

Mr Guruprasad Mohapatra, Secretary of DPIIT the Department for Promotion of Industry and Internal Trade (DPIIT) which works under the Ministry of Commerce & Industry, launched the website and mobile application for Intellectual Property Rights (IPRs) named L2Pro India (Learn to Protect, Secure and Maximize Your Innovation) in New Delhi. They were developed by Cell for IPR Promotion and Management (CIPAM)-DPIIT along with Qualcomm and National Law University(NLU), Delhi.

mHariyali App MoHUA

Minister of State (Independent Charge) for Housing & Urban Affairs Mr. Hardeep Singh Puri New mobile app named "mHariyali" and website "Environment Protection in Government Colonies" in New Delhi, which encourages people to plant trees and for Green drives. Both app & website are developed by National Informatics Centre (NIC)-Ministry of Housing and Urban Affairs (MoHUA).

Sahyatri mobile app Website:www. railways. delhipolice. gov. in

Union Minister of State(MoS) in the Ministry of Home Affairs (MHA) Mr Nityanand Rai Railways launched Sahyatri mobile app and a new website for online complaint registration Through which the passengers can register their complaints online. It was launched by at the NDMC (New Delhi Municipal Council) Convention Centre on Sansad Marg, New Delhi.

"India Post Mobile Banking" app Indian post

For mobile banking facility the Department of Post has launched a mobile banking application namely "India Post Mobile Banking" for its savings account holders to facilitate easier transactions. The facility has started from 15 October 2019 & will be available to all customers of core banking solutions (CBS) enabled post offices.

TechSagar National Cyber Security Coordinator's office in partnership with Data Security Council of India (DSCI).

Lt. Gen (Dr) Rajesh Pant, National Cyber Security Coordinator of India launched an online portal of India's technological capability named 'TechSagar'. It was launched by the National Cyber Security Coordinator's office in partnership with Data Security Council of India (DSCI). It can be accessed at: www.techsagar.in This repository will help to facilitate new opportunities for businesses and academia to collaborate, connect and innovate, in future.

Rail Dhandora app Southern Railway

For hassle-free working and transactions in Chennai Southern Railway launched a new application called Rail Dhandora for the railway personnel and customers for the hassle-free working and transactions with the Railways. It was launched by John Thomas, General Manager, Southern Railway (SR) in Chennai, Tamil Nadu. It is developed by the Information Technology (IT) Cell of Passenger Marketing Wing of Southern Railway.

Satellite Launches

Gaofen-10 satellite China

China has sent the new Gaofen-10 satellite into space with a March-4C rocket developed by the Shanghai Academy of Spaceflight Technology under the China Aerospace Science and Technology Corporation from the Taiyuan Satellite Launch Centre in North China's Shanxi Province. The satellite has successfully entered the planned orbit & will start receiving pictures and other data with a resolution of less than a metre.

ICON space weather satellite

NASA To study earth's ionosphere National Aeronautics and Space Administration (NASA) launched Ionospheric Connection Explorer (ICON) space weather satellite from Northrop Grumman's L-1011 Stargazer aircraft, with the company's Pegasus XL rocket attached beneath, from the Skid Strip runway at Cape Canaveral Air Force Station in Florida, United States. Ionospheric is the layer of the earth's atmosphere that contains a high concentration of ions and free electrons and is able to reflect radio waves. It will study the dynamic zone in an atmosphere where terrestrial weather from below meets space weather from above for 2 years.

OTHER SCIENCE NEWS

NATIONAL:

Chandigarh University students develop India's most secure and portable OS elementary puzzles

A group of 3 computer science engineering students of Chandigarh University comprising of Adarsh Chauhan, Anmol Puri and Puspraj Jaswal developed India's most secure and portable Operating System (OS) elementary puzzles by working on the Kernel of the OS. It is Linux-based GUI (Graphical Operating System) which offers compatibility and data security to its users.

Indian scientists discovered plastic-eating bacteria namely 'Exiguobacteriumsibiricum Strain DR11' & 'Exiguobacteriumundae strain DR14'

In Greater Noida wetlands, UPA team of researchers at Shiv Nadar University in Greater Noida, Uttar Pradesh (UP) have discovered two 'plastic-eating' bacterial strains namely Exiguobacteriumsibiricum strain DR11and Exiguobacteriumundae strain DR14 from the wetlands of Greater Noida, Uttar Pradesh. The strains have the great potential to decompose polystyrene. The study has been published in the journal Royal Society of Chemistry (RSC) Advances.

KUFOS scientists discover first species of eel-loach in the world named 'Pangiobhujia'

The scientists of Kerala University of Fisheries and Ocean Studies (KUFOS) have discovered the1st & unique eel-loach species of miniature well-dwelling subterranean fish named 'Pangiobhujia'in Cherinja village, Kozhikode district of Kerala. The eel lives in deep subterranean aquifers is about 3 centimeters in length, pinkish-red in colour& belongs to the genus Pangio. Generally, eel-loaches are found in fast-flowing streams in the south and south-east Asia. The study has been published in Zootaxa journal.

IIT Madras signs a 5-year joint-research agreement with ExxonMobil for research in Energy and Biofuels

Indian Institutes of Technology (IIT), Madras has signed a 5-year joint-research agreement with Exxon Mobil Research and Engineering Company (EMRE), the research and engineering arm of Exxon Mobil Corporation for research in biofuels, data analytics, gas conversion and transport, and finding low-emission solutions. This agreement is in line with the central Government's new biofuel policy', which targets to convert the country's biofuel industry into a \$15. 6 billion economy.

Scientists excavates dried-up river in Prayagraj, Uttar Pradesh

A team of scientists from the CSIR-NGRI (Council of Scientific and Industrial Research-National Geophysical Research Institute) and the Central Groundwater Board, Ministry of Jal Shakti, have found an undiscovered, old, dried-up river in Prayagraj (formerly Allahabad), Uttar Pradesh that linked the Ganga and Yamuna rivers, during the geophysical survey in the Kaushambi and Prayagraj region in December 2018.

Two diagnostic kits for encephalitis, bluetongue virus, developed by ICAR- IVRI under the Make in India released

Two diagnostic kits for Encephalitis, Bluetongue Virus called 'Bluetongue sandwich ELISA(sELISA)' for detection of antigen and the 'Japanese Encephalitis 1gM ELISA' for the control of Swine, developed by Indian Council of Agricultural Research (ICAR) - Indian Veterinary Research Institute (IVRI) under the Make in India' initiative were released at Krishi Bhawan, New Delhi with the aim to prevent the spread of virus in animals and thus predict their outbreak in humans. Each kit is meant for testing around 45 samples.

Indian army inducts indigenous dhanush howitzer cannons and US based precision guided Excalibur artillery ammunition

Indian army has added indigenous 'Made in India' Dhanush Howitzer cannons and the US (United States)-based Precision Guided Excalibur artillery ammunition, which will increase its combat capability. Excalibur Artillery Ammunition, purchased from the US under the fast track process, is a modern ammunition used in cannon that is capable of accurately targeting enemy targets. Excalibur Artillery Ammunition, purchased from the US under the fast track process, is a modern ammunition used in cannon that is capable of accurately targeting enemy targets.

India, US sign SoI to develop a range of warfighting technologies and systems during DTTI 2019 in New Delhi

India and the United States (US) signed a joint Statement of Intent (SoI) to co-develop a range of cutting-edge war fighting technologies and systems for their militaries like virtual augmented reality (VAR), air-launched unmanned airborne systems (UAS), networked operations, brand new weapon and light-weight ammo (ammunition) designs. It was signed during the 9th meeting of the India US Defence Technology and Trade Initiative (DTTI) 2019 held in New Delhi.

New argentine fish named "Glossanodonmacrocephalus" discovered in Kerala waters

Researcher team from Zoological Survey of India(ZSI), led by Bineesh K. K. , discovered a new deep-sea fish Glossanodonmacrocephalus (common name Kerala argentine) in the Arabian Sea, off the south western coast of India, Kerala. The fish which belongs to family Argentinidae of the genus Glossanodon is whitish with the silvery body. The discovery of this fish species is published in the journal 'zootaxa'.

Scientists discover new stable form of plutonium

Using the European Synchrotron Radiation Facility (ESRF) in Grenoble, France, an international team of scientists, led by the Helmholtz Zentrum Dresden-Rossendorf (HZDR), have discovered a new compound of plutonium which is solid and stable, and maybe a transient phase in radioactive waste repositories. This is published in the journal Angewandte Chemie as a Very Important Paper (VIP). This new phase is named as Pu(V). The chemical name of Plutonium is Pu.

ASI discovers 2, 000-year-old historic trade center in Andhra Pradesh (AP)

A 2000-year old historic trade settlement & a Pallava-period statue of Lord Vishnu has been unearthed during excavations carried out by the Archaeological Survey of India (ASI) near the banks of Swarnamukhi river in the village of Gottiprolu in Andhra Pradesh (AP). Archaeological excavation near Nellore, about 80 kilometers east of Tirupati, has uncovered a huge brick-lined enclosure. A statue along with some antiquities & pottery has been unearthed at the site.

Researchers from IIIT Hyderabad created first ever Indian Brain atlas

Researchers from the Indian Institute of Information Technology Hyderabad(IIIT-H), Telangana have created the first-ever 'Indian brain atlas'(IBA). As per their research, the average Indian brain is smaller when compared with western and eastern countries like China, Korea etc. The Indian brain atlas was constructed in collaboration with the Department of Imaging Sciences and Interventional Radiology, Sree Chitra Tirunal

Institute for Medical Sciences and Technology(SCTIMST), Thiruvananthapuram, Kerala.

Government Launches GEMINI, a Disaster Warning Device for fisherman Union Science and Technology Minister Dr Harsh Vardhan launched a disaster warning device and satellite based Gagan Enabled Mariner's Instrument for Navigation and Information (GEMINI)system. It will help provide information related to disaster warnings when fishermen move away from the coast beyond 10 to 12 kilometres, Potential Fishing Zones (PFZ) and Ocean States Forecasts (OSF) to fishermen.

IIT Madras developed India's first indigenously made standing wheelchair

• Researchers from the Indian Institute of Technology-Madras (IITM) has developed India's first indigenously developed standing wheelchair named "Arise". The wheelchair which was developed at TTK Center for Rehabilitation Research and Device Development (R2D2) of IITM was headed by Prof. Sujatha Srinivasan. It was launched by Union Minister for Social Justice and Empowerment, Shri Thaawarchand Gehlot.

CSIR's NEERI launches India's 1st air pollution web repository called "IndAIR"

• Council of Scientific and Industrial Research (CSIR)'s, National Environmental Engineering Research Institute (NEERI), a research institute created and funded by the Government of India (GoI), has launched India's 1st interactive online repository called IndAIR (Indian Air quality Studies Interactive Repository), which documents air quality studies undertaken in the past 60 years.

LCA Navy 1st night time arrested landing at Goa completed successfully

• As per Defence Research and Development Organization (DRDO), a first night-time arrested landing of Light Combat Aircraft (LCA) Navy was

effectively carried out at Shore Based Test Facility (SBTF) Goa. It validates the ease of management and confidence, to arrested landing technologies. LCA Tejas was developed by Hindustan Aeronautics Limited (HAL) for the Indian Air Force (IAF) and the Indian Navy.

IIT Guwahati Researchers designed a paper-based sensor that detects the quality of Milk

• Indian Institute of Technology (IIT) Guwahati researchers have designed a paper-based sensor to detect the freshness of the milk. It is a simple visual detection technique to detect the quality of milk without any special equipment and instruments. Bacteria and microbes in the milk affects the taste, freshness and also results in health issues. The work was recently published in the journal Biosensors and Bioelectronics. The research team was led by Dr Pranjal Chandra, Assistant Professor, Department of Biosciences and Bioengineering, IIT Guwahati.

IIT Delhi to set up space technology cell in collaboration with ISRO at its campus

• The Indian Institute of Technology (IIT), Delhi in collaboration with the Indian Space Research Organisation (ISRO) will set up a space technology cell (STC) to contribute to the space technology research areas such as AI (Artificial Intelligence), nanotechnology, functional textiles, smart manufacturing at its campus. The institute will also act as the academic partner of ISRO. UP's Raebareli rail coach factory use 'Sona 1. 5' humanoid robots for document transporting. The Modern coach factory (MCF)in Uttar Pradesh's Raebareli started using 'Sona 1. 5' humanoid robots in its factory for transporting documents from one place to another. Sona 1. 5 is a full-service robot made in India built by Club first technologies, Jaipur. It is the World's 1st robot with human-like spine technology due to which they are able to balance.

Microsoft rolled out 'K12 Education Transformation Framework' in India

American multinational technology company Microsoft has launched "K-12 Education Transformation Framework" in India. The framework is about facilitating digital transformation of schools in India. It was launched during the "2nd edition Microsoft Education Days" conducted by Microsoft in Gurgaon, Haryana. The framework comprises of 4 pillars. They are Leadership and policy, modern teaching and learning, intelligent environments and technology blueprint.

IIT Jodhpur developed catalytic convertor using Rajasthani clay

A team from the Indian Institute of Technology- Jodhpur's (IIT-J) chemistry department led by professor Rakesh K Sharma, has developed catalytic converters for cars using Rajasthani clay. It use will reduce pollution and is also cheaper to produce. The catalytic convertor was developed by extraction of the Iron-Nickel-Cobalt nanoparticles from the Rajasthani clay which acts as an oxygen reservoir.

INTERNATIONAL:

NASA gets its first all-electric experimental aircraft X-57 Mod II, codenamed Maxwell National Aeronautics and Space Administration's (NASA) Armstrong Flight Research Center (AFRC) in Edwards, California received its first all electric experimental aircraft (X-plane) X-57Mod II (Modification II) codenamed Maxwell from Empirical Systems Aerospace (ESAero) of SanLuis Obispo, California, United States (US). It replaces the traditional combustion engines on abaseline Tecnam P2006T aircraft, with electric cruise motors and weighs approximately 3, 000pounds.

First Satellite Servicing Spacecraft MEV-1 launched; developed by Northrop Grumman and NASA

The first satellite-servicing spacecraft named "MEV-1" (Mission Extension Vehicle-1) was launched on the Russian Proton rocket that took off from Russia's Baikonur Cosmodrome(launching site for spacecraft) in Kazakhstan. It was developed by Northrop Grumman, US (United States) for its wholly-owned subsidiary Space Logistics LLC, in partnership with NASA (National Aeronautics and Space Administration) through a no-funds exchanged NASA partnership called Collaborations for Commercial Space Capabilities.

NASA's hubble space telescope observes 1st Confirmed Interstellar Comet-2I / Borisov

An independent space agency of the United States(US), NASA's(National Aeronautics and Space Administration) Hubble Space Telescope has observed 2nd interstellar comet named 2I/Borisovpassing through the solar system. This is the 2nd interstellar object observed after Oumuamua in2017.

China unveiled DF-41 the most powerful intercontinental-range ballistic missile on the planet

On the 70th National Day of China which was observed on October 1, 2019, it launched DF-41(Dongfeng-41) the most powerful intercontinental-range ballistic missile on the planet during the National Day parade at Chang'an Avenue in Beijing. It made its first appearance along with a clutch of new military hardware. DF-41 has a range of up to 9, 320 miles (15, 000 kilometres), capable of carrying 10 independently targeted nuclear warheads and flying at 25 times the speed of sound, could theoretically, hit the United States in 30 minutes.

Scientists develops strongest silver ever, 42 % sturdier than the previous world record

A team of scientists from Vermont University of the United States (US) has developed the strongest silver ever -42% stronger than the previous world record. The team has mixed a trace amount of copper into the silver, that transformed two types of inherent nano scale defects into a powerful internal structure, due to the impurities are directly attracted to these defects. It also helps in maintaining its electrical conductivity.

For the first time, researchers see individual virus formation

The researchers, including those from Harvard University in the United States (US) have captured images of the formation of individual viruses. The study was published in the journal Proceedings of the National Academy of Sciences of the United States of America (PNAS). The viruses when formed were of 30 nano meters in diameter and had one piece of RNA (Ribo- Nucleic Acid) about 180 identical proteins.

Saturn created a solar system record after the discovery of 20 new moons, surpassing Jupiter

A team of researchers led by Carnegie's Scott S. Sheppard from the University of California, Los Angeles (UCLA) discovered 20 new moons orbiting Saturn, increasing its tally of moons to 82. It surpassed the number of moons orbiting Jupiter planet which stands at 79. This was announced by the International Astronomical Union's (IAU) Minor Planet Center (MPC), France.

Remains of 5, 000-year-old city unveiled in Israel's archaeological site EnEsur

Archaeologists of Israel have unveiled remains of a 5, 000-year-old city believed to be the biggest in the region from the Bronze Age. The site known as "EnEsur" included fortifications, a ritual temple, and a cemetery. An even earlier settlement, believed to be 7, 000 years old, was discovered beneath the city. It is regarded as the 'New York City' of its time period.

DebayanSaha, IIT Kharagpur graduate invents "PM 2. 5" device to curb air pollution

DebayanSaha, a mechanical engineering graduate from IIT (Indian Institute of Technology) Kharagpur has invented a device called "PM 2. 5" when fitted near the silencer pipe in vehicles will curb air pollution. 1 car fitted with the device can neutralise the pollution emitted from 10 cars in its vicinity.

World's oldest known natural pearl 'Abu Dhabi Pearl' discovered at a Neolithic site on Marawah Island, Abu Dhabi

An 8, 000-year-old world's oldest natural pearl named 'Abu Dhabi Pearl' was discovered at a Neolithic site on Marawah Island, Abu Dhabi, United Arab Emirates (UAE). It was found in the floor of a room discovered during excavations and the layers from which the pearl came have been carbon-dated to 5800-5600 BC (Before Christ), during the Neolithic period. It was discovered by the archaeologists of the Department of Culture and Tourism -Abu Dhabi (DCT Abu Dhabi).

Male White bellbird is the world's loudest bird

The male white bellbird (*Procnias albus*) is the world's loudest bird which hits 125. 4 decibels, as loud as a very loud rock concert. This study was published in the journal Current Biology. The call by the bird is made as part of their mating rituals and its mating call is about three times louder than screaming phias (*Lipaugus vociferans*)— the previous loudest bird singer.

China unveils new commercial carrier rockets codenamed the Smart Dragon family & Tenglong liquid-propellant rocket

China Rocket, commercial space wing of China Academy of Launch Vehicle Technology (CALT), unveiled its new generation of commercial carrier rockets codenamed the Smart Dragon (SD) family, and a Tenglong liquid-propellant rocket which is a cluster of solid-fuelled rockets. These new Long rocket series can carry up to 1. 5-tonne payload. With this launch, it gears up to compete with India to attract the lucrative global space launch market as India has already launched 104 satellites into orbit (96 belong to the United States).

Scientists discover 6 new lizard species of 'Dravidogecko' family at western ghats in Aurangabad, Maharashtra

A group of scientists have discovered Six new species of Lizard in the Western Ghats Mountains in Aurangabad, Maharashtra. The six new species have been named as Dravidogecko septentrionalis, D janakiae (after botanist Janaki Ammal from Kerala), D tholpalli, D meghamalaiensis, D douglasadamsi (after British author and satirist Douglas Noel Adams) and D smithi (in honour of British herpetologist Malcolm Arthur Smith).

IAF successfully test-fired 2 Brahmos surface-to-surface missiles from mobile platform at Trak Island in Andaman Nicobar

Indian Air Force (IAF) has successfully test fired 2 Brahmos surface to surface missile from mobile platform at Trak Island of the Andaman Nicobar Islands. The test firing was a part of routine operational training. Both the missiles, 2. 5 tonnes each, directly hit the mock target close to 300kms away. The ground targets were engaged with accuracy from mobile platform.

Russia's new Knyaz Vladimir submarine test-fired Bulava intercontinental ballistic missile

For first time Russia's most advanced version of the nuclear-powered ballistic missile submarine named Knyaz Vladimir (Prince Vladimir) of Borei-class vessel, test fired the Bulava intercontinental ballistic missile for first time. The launch was conducted in the white sea of the northwest coast of Russia with a dummy payload and had precisely hit the target range of thousand kms away in the Russian region of Kamchatka.

Satellite Launches Satellite Name Country Purpose Sudan Remote Sensing Satellite, SRSS-1 Sudan

This is the first ever satellite of Northeast African country Sudan. The satellite was launched in a Long March-4B rocket from Taiyuan Satellite Launch Center in North China's Shanxi Province. Mini Starlink' satellites United States To provide global internet coverage. These satellites are launched from 'Falcon' rocket from Space Launch Complex 40 at Cape Canaveral Air Force, Florida, US. The launch create multiple records for SpaceX's reusable rocketry program.

CARTOSAT 3 satellite Sriharikota in Andhra Pradesh (AP)

ISRO's PSLV-C47 rocket has launched CARTOSAT 3 satellite along with 13 other nano satellites from the United States (US) into Sun Synchronous Orbit (SSO).

Pegasus: New spyware attack in WhatsApp to spy journalists & others, especially Indians

Facebook-owned messenger app, WhatsApp recently confirmed that Israeli based NSO group, used a spyware called 'Pegasus' in WhatsApp to spy on govt. officials, journalists and activists globally, mainly Indians. The announcement was made after whatsapp sued NSO group and Q Cyber Technologies, in American court for illegal snooping (illegal private information gathering), which was earlier suspected to have made a cyber-attack in the app. China approves world's 1st carbohydrate-based drug GV-971 to cure Alzheimer's disease

China's National Medical Products Administration has officially approved an indigenously developed Alzheimer's drug called GV-971 (sodium oligo-mannurate)

The Shanghai Institute of Materia Medica (SIMM) under the Chinese Academy of Sciences has developed the drug after 22 years of research jointly with Ocean University of China and Green Valley Pharmaceutical Co Ltd. Researchers from US discovered new strain of HIV virus after 19 years.

This was the first time a new subtype of "Group M" virus was discovered after new strains classifying guidelines were established in 2000.

NASA unveiled early version of its first electric airplane X-57 "Maxwell"

Civilian space program and aeronautics space agency NASA (National Aeronautics and Space Administration) has launched its 1st all-electric experimental aircraft named the X-57 "Maxwell. " The aircraft is expected to be operational by late 2020.

Huge X-ray burst from outer space detected by NASA

American aerospace agency NASA (National Aeronautics and Space Administration) had detected burst of X-rays from outer space through its Neutron star Interior Composition Explorer (NICER) telescope. The X-ray burst, the brightest ever seen through NICER at the International Space Station (ISS), was caused by thermonuclear flashes on the surface of a pulsar (highly magnetized rotating neutron star). A paper describing the findings was published by The Astrophysical Journal Letters.

National Aeronautics and Space Administration (NASA) renames Ultima thule to Arrokoth after Nazi controversy

National Aeronautics and Space Administration (NASA) has renamed a distant space rock Ultima Thule, to Arrokoth. It is the farthest cosmic body ever visited by a spacecraft. Arrokoth or "sky" is the name of the Native American Powhatan language following a significant backlash over the old name's Nazi connotations. The name portrait the co-operation with Powhatan Tribal elders.

NDv2: NVIDIA's World's largest GPU-accelerated cloud-based supercomputer

NVIDIA announced the World's Largest GPU (Graphics processing unit)-accelerated cloud-based supercomputer named NDv2 on Microsoft Azure. NDv2 is a supercomputer that has been built to handle most demanding Artificial intelligence (AI) and its High-Performance Computing (HPC) application.

New "Warm Jupiter" TOI-677 b exoplanet discovered by NASA

National Aeronautics and Space Administration (NASA)'s researches have recently discovered a new "Warm Jupiter" exoplanet. It has been named as TOI-677 b. It is an alien world exoplanet transiting the main sequence late F-type star on an eccentric orbit by TESS (Transiting Exoplanet Survey Satellite). It is about 23% bigger and massive than Jupiter.

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DEFENCE EXERCISE

EXERCISE NAME	COUNTRIES	LOCATION
Hand-in-Hand Military exercise 2019	India & China	Umroi near Shillong in Meghalaya, India
International Security Alliance (ISA), ISALEX19	UAE, France, the Italian Republic, Bahrain, Morocco, Spain, Senegal, Singapore, and the Slovak Republic	Abu Dhabi, UAE (United Arab Emirates)
IndSpaceEx - first ever space war exercise	Three armed forces of India (Army, Navy, and Air Force)	New Delhi
"Tsentr (centre) 2019"	Shanghai Cooperation Organisation (SCO) Member countries including India and Pakistan	Orenburg, Russia
Multilateral Naval Exercise named 'MILAN' 2020		Visakhapatnam
KONKAN-19 Bilateral Navy Exercise	India and Britain	South Coast of the United Kingdom (UK)
SLINEX	India and Srilanka	Visakhapatnam in Andhra Pradesh
'Yudh Abhyas'	Indian and the United States(US)	Lewis McChord Joint Airforce Base, Washington(US)
Patrol(Indo-Thai CORPAT)	India and Thailand.	Bangkok, Thailand
Maitree - 2019	India and Thailand	Umroi, Meghalaya
'HimVijay'	Indian Army and Indian Air Force (IAF)	China border near Arunachal Pradesh.
SITMEX	Singapore, India and Thailand	Port Blair, Andaman and Nicobar islands
Chang Thang (The exercise involved all the arms of the Indian army)	Indian army.	Eastern Ladakh
Exercise Tiger Triumph	India and the United States(US) first ever tri-services exercise	Visakhapatnam and Kakinada, both of state Andhra Pradesh
"Malabar 2019"	India, US and Japan	Sasebo, Japan
Shaheen VIII	Pakistan and China	China's Hotan City.
MILAN	naval exercise	Visakhapatnam
'Mission Reach Out'	Indian Army	Jammu
Garuda-VI	Indian Air Force (IAF) and French Air Force	Mont de Marsan in France
2019 Nomadic Elephant-XIV	India & Mongolian	Bakloh in Himachal Pradesh
Dharma Guardian 2019 (Army)	India & Japan	Vairengte, Mizoram
Ekuverin 2019	India & Maldives	Aundh Mil Stn, Pune, Maharashtra
Vajra Prahar 2019	India & US	Seattle, US
Shinyuu Maitri 2019	India and Japan	West Bengal
DANX- 2019	The exercise has all the Resources and forces of the Army, Navy, and Airforce.	Port Blair, Andaman and Nicobar Islands
IMNEX-2019	India & Myanmar	Visakhapatnam, Andhra Pradesh
2019 "Sindhu Sudarshan"	Indian Army	Rajasthan, India
"Ex Eastern Bridge - V" 2019 ([Indian Air Force)	India and Oman	Oman
'Ex Shakti -2019'	India and France	Rajasthan
KAZIND-2019	India & Kazakhstan	Pithoragarh, Uttarakhand
CORPAT 2019	India- Bangladesh	Northern part of Bay of Bengal
Dustlik-2019 (military exercise)	India-Uzbekistan	near Tashkent, Uzbekistan
Cooperation Afloat Readiness and Training (CARAT)- 2019'	US- Bangladesh	Chattogram, Bangladesh
Regional Level Search and Rescue Workshop and Exercise 2019 (ReSAREX- 19)	Indian Coast Guard (ICG)	the Goa coast
Samudra Shakthi (anti-submarine warfare)	India and Indonesia	the Bay of Bengal
African Lion 2019, II	Morocco and the US	southern Morocco
Mitra Shakti	The Indian Army and the Sri Lankan Army	Sri Lanka
Bold Kurukshetra-2019	India and Singapore	Babina Cantonment in Jhansi
INDRA 2019(1st tri service exercise)	India and Russia	
Sindu Sudarshan-VII	Indian Army	Jaisalmer-Barmer deserts of Rajasthan
"Za'ir-Al-Bahr" (Roar of the Sea)(Navy Exercise)	Qatar & India	Doha, Qatar

OTHER DEFENCE NEWS:

- The Defence Research & Development Organisation (DRDO) Igniter Complex at High Energy Materials Research Laboratory (HEMRL) in Pune, Maharashtra.
- Garden Reach Ship Builders and Engineers Ltd (GRSE) became the 'first Indian shipyard' to build and deliver 100 warships
- Third-generation anti-tank guided missile NAG is developed by the Defence Research and Development Organisation (DRDO) in Pokhran, Rajasthan.
- Operation Sudarshan launched by BSF along Pakistan border in Punjab and Jammu.
- Two Defence Industrial Corridors to be set up in Uttar Pradesh and Tamil Nadu.
- The world's first floating nuclear reactor Akademik Lomonosov was launched by Russia
- The Defence Minister of India Mr Rajnath Singh in New Delhi addressed that India will achieve \$26 billion defence industry target by 2025.
- Defence Research and Development Organisation (DRDO) handed over Wargaming Software to the Indian Navy at the Institute for Systems Studies and Analysis (ISSA), Delhi.

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- NASA successfully launches RamanSat 2, a miniature satellite made by Indian student Aabhaas Sikka
- The world's biggest transport spaceship Kounotori8 launched by Japan
- India's first special Aircraft (Boeing 777-300ER) to serve Prez, Vice Prez, & PM will arrive by June 2020
- Amazon India launches Military Veterans Employment programme
- "Panditjasraj" became the first Indian musician to have a minor planet 2006 VP32 Named after him.
- DRDO transfers design of Mobile Metallic Ramp (MMR) to Indian Army
- Indian Army in partnership with EESL employs e-Indian Army in partnership with EESL employs e-cars to combat pollution cars to combat pollution

IMPORTANT DAYS

DATE	DAYS	THEME
July 1	National Doctors Day	"Zero tolerance to violence against doctors and clinical establishment"
July 1, 2019	2nd anniversary of GST (Goods and Services Tax)	-
July 2	World UFO (Unidentified Flying Objects) day	-
July 2	World Sports Journalists Day	-
July 6	World Zoonoses Day 2019	-
July 6	United Nations International Day of Cooperatives	"Coops 4 decent work"
July 11	World Population Day	-
July 12	International Malala Day	-
July 14	French government celebrated its National Day (Bastille Day)	-
July 14	International Shark Awareness Day	"The sharks in crisis: a call to action for the Mediterranean. "
July 15	World Youth Skills Day	"Learning to learn for life and work"
July 17	International Justice Day	-
July 18	Nelson Mandela International Day	-
July 23	National broadcasting day	-
July 24	159th Aaykar Diwas (Income Tax Day)	-
July 26	Kargil Vijay Diwas	"Remember, Rejoice and Renew"
July 27	81st CRPF raising day	-
July 28	World Nature Conservation Day	-
July 28	World Hepatitis Day	"Invest in Eliminating Hepatitis".
July 29	World Tiger Day	-
July 30	World Day Against Trafficking In Persons	"Human Trafficking: call your government to action"
August (1-7)	World Breastfeeding Week	"Empower parents, Enable Breastfeeding"
August 6	Hiroshima Day	-
August 7	National Handloom Day	-
August 9	International Day of the World's Indigenous People	"Indigenous Languages"
August 9	Nagasaki Day	-
August 10, 2019	World Biofuel Day	"Production of Biodiesel from Used Cooking Oil (UCO)"
August 12	World Elephant Day	-
August 12	Vikram Sarabhai's 100th birth anniversary	-
August 12	International Youth Day	"Transforming education"
August 13	International Left Handers Day	-
August 13	World organ donation day	-
August 14	Pakistan observed its 73rd Independence Day as 'Kashmir Solidarity Day'	-
August 15	73rd Indian Independence Day	-
August 17	Navroz or Jamshedi Navroz	-
August 19	World Humanitarian Day (WHD) 2019	"Women Humanitarians"
August 19	World photography day	-
20 August	World Mosquito Day	-
20 August	Sadbhavana Diwas (harmony day)	-
August 21	World Senior Citizen Day	-
August 21	International Day of Remembrance and Tribute to the Victims of Terrorism	-
August 22	International Day Commemorating the Victims of Acts of Violence Based on Religion or Belief	-
August 23	International Day for the Remembrance of the Slave Trade and its Abolition	"Remember Slavery: The Power of the Arts for Justice"
August 25- September 8	National Eye Donation Fortnight	-
August 26	Women's Equality Day	-
August 29	International Day against Nuclear Tests (IDANT)	-
August 29	National Sports Day	-
August 30	International Day of the Victims of Enforced Disappearance	-
25 to 30 August	World Water Week	"Water for society – Including all"
September 2	World Coconut Day	-
September 5	National teachers' day	-
September 5	International Day of Charity	-
September 1 to 7	National Nutrition Week (NNW)	-
September 8	International Literacy Day (ILD)	'Literacy and Multilingualism'
September 9	Himalaya Day	-
September 10	World Suicide Prevention Day (WSPD)	"Working Together to Prevent Suicide"
September 11	National Forest Martyrs' Day	-
September 12	International Day for South-South Cooperation	"South-South Cooperation is From Commitment to Action – Follow up to Buenos Aires Plan of Action+40"
September 14	Hindi Diwas (hindi day)	-

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September 15	52nd Engineers Day	"Engineering for change"
September 15	International Day of Democracy	'Participation'
September 16	International Day for the Preservation of the Ozone Layer	"32 Years and Healing"
September 17	World Patient Safety Day (WPSD)	The theme for the year 2019 is ' Patient Safety : a global health priority' and its slogan is ' Speak up for patient safety '.
September 18	World Bamboo Day (WBD)	'Bamboo for sustainable development goals'
September 21	World Alzheimer's Day	"Raising awareness and challenging the stigma around the disease"
September 21	World Peace Day	'Climate Action for Peace'
September 21	International Coastal Cleanup Day	-
September 22	World rose day	-
September 22	World Rhino Day	-
September 23	International Day of Sign Languages (IDSL)	"Sign Language Rights for All"
September 23	Ayushman Bharat Diwas	-
24 - 28 September	6th India Water Week 2019	"Water cooperation: Coping with 21st Century Challenges"
September 25	World Pharmacists Day	"Safe and effective medicines for all".
September 25	Antyodaya Diwas Day	-
26th September 2019	World contraception day	-
September 26	World Maritime Day	"Empowering women in the maritime community"
September 26	World Environmental Health Day (WEHD)	"Climate change challenges, time for global Environmental Health to act in unison"
September 26	International Day for the total elimination of nuclear weapons	-
September 27	World Tourism Day(WTD)	"Tourism and jobs: a better future for all"
September 28	World Rabies Day (WRD)	"Rabies: Vaccinate to Eliminate"
September 28	International Day for Universal Access to Information	"Leaving No One Behind!"
September 29	World Deaf Day (WDD)	-
September 29	World Heart Day (WHD)	-
September 30	International Translation Day	"Translation and Indigenous Languages"
October 1-31	Breast cancer awareness month	-
October 1	International Day of Older Persons	"The Journey to Age Equality"
October 1	International coffee day	-
October 1	World Vegetarian day	-
October 2	International Day of NonViolence 2019	-
October 2 - 8	Wildlife week	"Life Below Water: For People And Planet"
October 4	World Animal day	-
October 4-10	World Space Week	"The Moon: Gateway to the Stars"
October 5	World Teachers day	"Young Teachers: The Future of the Profession"
October 7	World Habitat day	"Frontier Technologies as an innovative tool to transform waste to wealth"
October 7	First World Cotton Day	-
October 8	87th Air Force Day	-
October 9	World Post Day	-
October 9 - 15	National postal week	-
October 10	World Mental Health Day	"suicide prevention"
October 10	World Sight Day	"Vision First"
October 11	World egg day	"Eat your egg today and every day"
October 11	World Obesity Day	-
October 11	International Day of the Girl Child	"Girl Force: Unscripted and Unstoppable"
October 12	World migratory bird day	"Protect Birds: Be the Solution to Plastic Pollution"
October 12	World arthritis day	"Time2Work"
October 13	International day for disaster reduction	"Reduce disaster damage to critical infrastructure and disruption of basic services"
October 14	World standards Day	"Video Standards Create a Global Stage"
October 15	International Day of Rural Women	"Rural Women and girls building climate resilience"
October 15	World Student's Day	-
October 15	Global Handwashing Day	"Clean Hands For All"
October 15, 2019	World Mathematics Day	-
October 15	White cane safety day	-
October 16	World Food Day	"Our actions are our future. Healthy diets for a #zerohunger world"
October 17	World Trauma Day (WTD)	-
October 17	International Day for the Eradication of Poverty	"Acting together to empower children, their families, and communities to end poverty"
October 20	National Solidarity Day	-
October 20	World Osteoporosis Day	-
October 20	World Statistics Day	-
October 20	International Chefs Day	"How Healthy Food Works"
October 20-26	7th International lead poisoning prevention week (ILPPW)	Learn the Risks, Join the Action, And Eliminate Lead Paint.
October 21	61st Edition of National Police Commemoration Day	-
October 21	Global Iodine Deficiency Disorders (IDD) Prevention Day	-
October 22, S	International Stuttering Awareness Day	"Growth Through Speaking"
October 23	International Snow Leopard Day	-
October 24	58th Raising day of Indo Tibetan Border Police (ITBP) force	-
October 24	World polio day	"Stories of Progress: Past and present"
October 24	World Development Information Day (WDID) 2019	-
October 24	United Nations Day	"Our Planet. Our Future"
October 24- 30	Disarmament week	-

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October 24 -31	7th Global Media and Information Literacy (MIL) week	"Media and Information Literate Citizens: Informed, Engaged, Empowered"
October 25	4th National Ayurveda Day	-
October 27	World Day for Audiovisual Heritage (WDAH)	"Engage the Past Through Sound and Images"
October 28	18th International Animation Day (IAD)	-
October 29	World Stroke Day	"#DontBeTheOne"
October 29	International Internet Day	-
October 31	World Savings Day/ Thrift Day	"Savings give life a lift"
October 31	World Cities Day	"Changing the world: innovations and better life for future generations"
October 31	National Unity Day	-
November 1	World Vegan Day	-
November 2	International Day to End Impunity for Crimes against Journalists	#KeepTruthAlive.
November 5	World Tsunami Awareness Day	"Sendai Seven Campaign"
November 6	International day for preventing the environment from war and armed conflicts	-
November 7	National Cancer Awareness Day	-
November 7	Infant Protection Day	-
November 8	International Day of Radiology	imaging'
November 9	National Legal Service day	-
November 10	World Science Day for Peace and Development	"Open Science, leaving no one behind"
November 11	National Education Day	-
November 12	Public Service Broadcasting Day	-
November 12	World Pneumonia Day	"Healthy lungs for all"
November 12	550th birth anniversary of Guru Nanak Dev	-
November 13	World Kindness Day	-
November 14	Children's Day	-
November 14	World Diabetes Day	"Family and Diabetes"
November 16	National Press Day	-
November 16	International Day for Tolerance	-
November 17	National Epilepsy Day	-
November 17	World Day of Remembrance for Road Traffic Victims	'Life is not a car part'
November 18	2nd National Naturopathy day	"Mahatma Gandhi & Nature Cure".
November 18 - 24	World Antibiotic Awareness Week	"Antibiotics: handle with care"
November 19	World Day for Prevention of Child Abuse	-
November 19	Women's Entrepreneurship Day	-
November 19	International Men's Day	"Making a difference for men and boys"
November 19	World Toilet Day	"Leaving no one behind"
November 19	National Integration Day (also known as Quami Ekta Divas)	"Secularism, Anti Communalism and Non Violence"
November 19-25	World Heritage Week	-
November 20	Africa Industrialization Day	"Positioning African Industry to supply the African Continental Free Trade Agreement (AfCFTA), Market"
November 20	World Chronic Obstructive Pulmonary Disease (COPD) day	"All Together to End COPD"
November 20	World Children's Day	-
November 21	World Television Day	-
November 21	World Philosophy Day	-
November 21	World Fisheries Day	-
November 24	71st Raising Day of National Cadet Corps	-
November 25	International Day for the Elimination of Violence against Women	"Orange the World: Generation Equality Stands Against Rape"
November 26	Constitution Day or Samvidhan Divas	-
November 26	National Milk Day	-
November 29	International Day of Solidarity with the Palestinian People.	-

OBITUARY

NATIONAL:

Name of the person	Field/ State	Place where born	Points to be noted
Swarup Dutta(78)	Bengali actor/ Kolkata	Kolkata, West Bengal	He was well known for his performances in Bengali films such as "Pita Putra" and "Harmonium".
M J Radhakrishnan(60)	Cinematographer/ Trivandrum (Thiruvananthapuram), Kerala	Punalur, Kerala	He was an awardee of seven international awards including Indian International film festival Queensland, Australia
Rakesh Shukla(71)	Cricketer/ Delhi	Kanpur, Uttar Pradesh	He had represented Delhi and Bihar in First-Class cricket and earned his Test cap against SriLanka in 1982.
Soumendranath Kundu(77)	Cricketer/ Kolkata, West Bengal	Kolkata, West Bengal	He was conferred the Cricket Association of Bengal (CAB) Kartick Bose Lifetime Achievement award in 2013-14.
Subir Vithal Gokarn(59)	Economist	Mumbai, Maharashtra.	He was Former RBI Deputy Governor & appointed as Executive Director on the board of the International Monetary Fund (IMF) in 2015.
AU Celestine(73)	Footballer/Chennai	Tamil Nadu	He represented India in the Merdeka Cup in Malaysia in 1969.
Basant Kumar Birla(98)	Industrialist/ Mumbai	Kolkata, West Bengal	He was the chairman of the Krishnarpan Charity Trust, BK Birla Institute of Engineering & Technology (BKBIET) and various educational trusts and

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			institutes.
Lt Gen JS Gharaya(93)	Lieutenant-General/ Chandigarh	Sahiwal, Pakistan	He had been commissioned before Independence into the Frontier Force Regiment in 1946. He commanded 9 Infantry Division and subsequently served as the Chief of Staff, Central Command.
Barun Halder(85)	Newsreader/ Kolkata	Kolkata, West Bengal	He was associated with AIR news till 1999.
Attoor Ravi Varma(89)	Poet/ Thrissur, Kerala	Thrissur district, Kerala	
Santosh Rana(76)	Politician/ Kolkata	Gopiballavpur, West Bengal, India	CPI-ML (PCC) (Provisional Central Committee) was one of the very first Naxalite groups to participate in elections
Sudershan Agarwal(88)	Politician/ New Delhi	Ludhiana, Punjab	He is the former Uttarakhand Governor.
Sheila Dikshit(81)	Politician/ New Delhi	Kapurthala, Punjab	She had served as the president of Delhi Congress, chief minister of Delhi for 15 years from 1998-2013 and the governor of Kerala.
Ramchandra Paswan(57)	Politician/ New Delhi	Khagaria	He was the younger brother of Union minister and LJP chief Ram Vilas Paswan.
S. Jaipal Reddy(77)	Politician/ Hyderabad	Madgul, Telangana	He was conferred with the best Parliamentarian award in 1998.
Mr. C. Kapur	Secretary of Billiards and Snooker Federation of India (BSFI)/ Kolkata, West Bengal		He served for the cue-sports for more than 40 years.
Dr. Jaya Arunachalam(87)	Social worker/Tamil Nadu	Tamil Nadu	She was the recipient of Padma Shri in 1987. She was the founder Working Women's Forum (WWF).
Raja Dhale(78)	Writer, artist & activist/ Mumbai, Maharashtra	Maharashtra	He was one of the founding members of the Dalit Panther started in April 1972, alongside Namdeo Dhasal and Arun Krushnaji Kamble.
Vidya Sinha(71)	Actor/Mumbai	Mumbai	she last featured in actor Salman Khan's Bodyguard.
Amarendra Sharan(69)	Advocate/ Rishikesh, Uttarakhand		Sharan served as Additional Solicitor General (ASG) in the supreme court during UPA-I (United Progressive Alliance) regime from 2004-2009.
Neelam Sharma(50)	Anchor/ Noida		She was awarded the 2018 'Nari Shakti Puraskar' by the President of India Shri Ram Nath Govind.
Nimu Bhowmik(84)	Bengali actor/ Kolkata, West Bengal	Dinajpur district of undivided Bengal.	'Dash Mash Das Diner Galpo' (2019) was his last film.
J. Om Prakash(92)	Bollywood filmmaker/Mumbai, Maharashtra	Punjab	He served as President of Film Federation of India (FFI) from 1995-1996.
V. G. Siddhartha Hegde(60)	Business man/ Netravati river near Mangaluru	Chikmagalur district of Karnataka	He established Café Coffee Day in 1996, which is an Indian café chain owned by Coffee Day Global Limited.
Situ Mallick(16)	Common Person/ Rajnagar area of Kendrapara district, Odisha	Odisha	He had saved his uncle from the jaws of a crocodile and was awarded National Bravery Award 2019 instituted by the Indian Council for Child Welfare from Prime Minister Narendra Modi.
VB Chandrasekhar(57)	Cricketer/ Chennai, Tamil Nadu	Chennai, Tamil Nadu	The Chennai born cricketer represented India in seven ODIs(One Day Internationals) between 1988 and 1990.
Anant Setalvad(84)	Cricket commentator/ Mumbai, Maharashtra		He was a cricket commentator for All India Radio (AIR) in Ranji Trophy,
Kanchan Chaudhary Bhattacharya(72)	Director General of Police (DGP)/ Mumbai, Maharashtra	Himachal Pradesh	She was the second woman IPS (Indian Police Service) officer of India
YG Rajalakshmi Parthasarathy(93)	Educationalist, journalist and social worker/ Chennai, Tamil Nadu	Chennai, Tamil Nadu	She received the Padma Shri award in 2010 for her contribution to the field of Education and literature.
Dayanidhi Nayak(95)	Freedom fighter/ Bargarh, Odisha		He had struggled against the British Government during the Quit India movement (8 August 1942).
Kanti Bhatt(88)	Journalist, author, and columnist/ Mumbai, Maharashtra	Sachra village in Erst while Bhavnagar state of Gujarat	He had joined journalism in 1966 in Mumbai.
Ranjit Guru(61)	Journalist, Columnist & Editor/ Bhubaneswar, Odisha	Odisha	
Karpuri Devi(94)	Madhubani painting and Sujni artist/ Madhubani district of Bihar	Ranti village of Bihar	The National Award recipient Contributed towards setting up of the Mithila Museum which is located in Tokamachi hills in Japan's Niigata region.
Mohammed Zahur 'Khayyam' Hashmi(92)	Music Director/ Mumbai, Maharashtra	Rahon, Punjab	
Noel Kelman(92)	Navy Commander/ Porvorim, Goa	Goa	He was a Kirti Chakra (peacetime gallantry award) awardee.
Sushma Swaraj(67)	Politician/ New Delhi	Haryana	Minister of External Affairs 26 May 2014 – 30 May 2019 in Narendra Modi govt.
Jagannath Mishra(82)	Politician/ New Delhi	Supaul district, Bihar	He was former Bihar chief minister.
Arun Jaitley(66)	Politician/ New Delhi	New Delhi	Former Finance Minister
Babulal Gaur(89)	Politician/ Bhopal, Madhya Pradesh	Pratapgarh district of Uttar Pradesh	He was served as the Chief Minister of Madhya Pradesh from August 2004 to November 2005.
Navnitbhai Shah(96)	Politician/ Palghar town in Maharashtra	Maharashtra	Shah served as Palghar MLA in 1957 and 1962
Damodar Ganesh Bapat(84)	Social Worker/ Chhattisgarh	Maharashtra	He was a Padma Shri awardee.

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Niranjan Singh Tasneem(91)	Writer(Punjabi)/ Ludhiana, Punjab	Amritsar	He was awarded the Sahitya Akademi award for his book "Gawache Arth" (The Lost Meaning) in 1999.
Viju Khote(77)	Actor/ Mumbai, Maharashtra	Mumbai, Maharashtra	He was best known for playing the role of 'Kalia' in the film Sholay
V Ganesan(94)	Army Veteran/ Tamil Nadu	Vedaranyam in Nagapattinam district of Tamil Nadu	He is the founder of the Nethaji Hospital, at Sembodai village, Tamil Nadu.
Madhav Apte(86)	Cricketer/ Mumbai, Maharashtra	Mumbai, Maharashtra	
BN Yugandhar (82)	Former bureaucrat/ Hyderabad, Telangana		Yugandhar, a 1962 batch Indian Administration Service (IAS) officer, worked as Secretary in the Union Rural Development Ministry.
Kumara Padma Sivasankara Menon Jr. (junior)(90)	Foreign Secretary/ Thiruvananthapuram, Kerala		He had also served as Ambassador to Bangladesh, Egypt, Japan, Hungary, and China
Mr Boman Rashid Kohinoor(97)	Industrialist/ Mumbai, Maharashtra		
Veeru Krishnan	Kathak dancer/ Mumbai, Maharashtra	Mumbai, Maharashtra	Besides being an actor, he was also a famous kathak dancer.
Kottakkal Chandrasekhara Warriar(74)	Kathakali maestro/ Kottakkal, Kerala	Naduvattom, near Pattambi, in Palakkad district	He has won many an accolade, including the Sangeet Natak Akademi Award, Kerala Sangeetha Nataka Akademi Award, Kalamandalam Award, and Tulaseevanam Award.
Ram Jethmalani(95)	Lawyer & former union law minister/Delhi	Shikarpur, Sindh	He had worked as union law minister
KiranNagarkar(77)	Novelist and Playwright/ Mumbai	Mumbai	He is known for authoring the books, 'Cuckold, '(1997) which won him the 2001 Sahitya Akademi award. He was awarded the Order of Merit of the Federal Republic of Germany in 2012.
Shyam Ramsay(67)	Producer/ Mumbai, Maharashtra		
S Sriram	Producer/ Chennai	Chennai, Tamil Nadu	His last production was tamil film 'Samurai' in 2002.
M Gopal Gowda	Kudmi writer & Konkani folk artiste	Karnataka, India	
Krishna Gopal krishna Kadekodi	Centenarian philatelist & coin collector	Karnataka, India	He has been awarded gold medal from the central government for collecting stamps released in 64 different countries with the picture of Mahatma Gandhi.
Farook Khan	Indian-origin Journalist	Maharashtra, India	He had started the Miss India South Africa Pageant as part of the Miss India Worldwide Pageant.
Colathur Gopalan	Popular nutrition scientist & former Director- General of Indian Council of Medical Research	Salem, Tamil Nadu.	He was conferred Padmashri in 1970 & Padma Bhushan in 2003.
H L Trivedi	Noted nephrologist	village of Charadva near Halvad, Gujarat	He was awarded Padma Shri, the fourth highest civilian award, in 2015 for his contribution as a nephrologist to the society.
Kadri Gopalnath	Renowned Saxophone player & Padma Shri awardee	Mangalore, Karnataka	He had earned the distinction of being the 1 st Carnatic musician to be invited in the BBC (British Broadcasting Corporation) Promenade concert in 1994, in the Royal Albert Hall in London.
KB Siddaiah (65)	Socio-Political philosopher writer, poet	Kenkere village in Magadai taluk of Ramanagara district	
Dadu chougule (73)	Dhyan Chand Awardee, legendary Wrestler	Maharashtra	He was awarded the prestigious Dhyan Chand Award for lifetime achievement in sports in 2018. He won a silver medal in the 1974 Commonwealth Games held in New Zealand.
TP Radhamani (67)	Veteran actress	Palakkad district of Kerala,	
Dilip Parikh (82)	Former Gujarat CM (13th)	Mumbai, Maharashtra	
K R Wadhwaney (90)	Veteran sports Journalist and author	Karachi (now in Pakistan)	
Kamal Sharma (49)	Former Punjab BJP chief	Ferozepur, Punjab.	
C. Raghavachari (80)	Senior journalist	Warangal District, Telangana	
Mano (37)	Famous Kollywood actor & mimicry artist,	Sattenapalli, Andhra Pradesh	He had participated in several reality shows and was also a very good dancer & television (TV) host.

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Nanammal (99)	Padma Shri awardee & India's oldest Yoga teacher	Zameen Kaliyapuram, Coimbatore,	Nanammal had received Nari Shakti Puraskar award received from former President of India Pranab Mukherjee in 2016, India's fourth-highest civilian award the Padma Shri in 2018, Yoga Ratna award in 2017, etc.
N. Venkatachala (89)	Former Karnataka Lokayukta & former Judge of Supreme Court	Mulabagal taluk in Kolar district, Karnataka.	Former Karnataka Lokayukta and former judge of the Supreme Court
Geetanjali (74)	Popular Telugu actress	Mani, Kakinada, Andhra Pradesh,	Popular Telugu actress of yesteryears Geetanjali,
Gurudas Dasgupta (83)	Veteran CPI leader	Barisal, Bangladesh	
Perungulam S Krishnan(86)	Administrator/ New Delhi		He served in Andhra Pradesh & former Union Secretary of the Ministry of Welfare.
Girija Kir(86)	Author(Marathi)	Maharashtra	Her recent book was "Janmathep". She had also written her autobiography titled "Mazya Ayushyachi Goshta".
Tirunellai Narayana Iyer Seshan(86)	Chief Election Commissioner (Former CEC)/ Chennai, Tamil Nadu		18th Cabinet Secretary of India
Ramakant Gundecha(57)	Dhrupad singer/ Bhopal, Madhya Pradesh	Ujjain	He was awarded the Padma Shri for 2012 in the field of Art - Indian Classical Music - Vocal
Krishnan Kumar Modi(K. K. Modi)(79)	Industrialist/ New Delhi	Patiala district, Punjab	He is a former President of Federation of Indian Chambers of Commerce and Industry (FICCI) and Chairman of Modi Enterprises. He was also the president of the Confederation of Asia-Pacific Chambers of Commerce and Industry
N. V. Balasubramanian	Judge/ Chennai, Tamil Nadu		He served as the Madras High Court judge from 1996-2007
Vashishtha Narayan Singh(74)	Mathematician/ Patna, Bihar	Bhojpur district in Bihar	Narayan Singh has challenged Einstein's theory of relativity.
Vaijanath Patil(81)	Politician/ Bengaluru, Karnataka	Bidar district, Karnataka	He was a former Karnataka Urban Development Minister, former Minister for Horticulture, and president of Hyderabad Karnataka Horata Samithi.
Azad Yusuf(62)	Singer		He was popularly known as Cochin Azad. He also had a nickname 'Kerala Rafi'.
Abdul Jabbar(62)	Social Activist/ Madhya Pradesh	Madhya Pradesh	
Nabaneeta Dev Sen(81)	Writer(Bengali)/ Kolkata	Kolkata, West Bengal	Dev Sen was well-known for her research on the Ramayana. She is the founder and president of West Bengal Women Writers' Association.

INTERNATIONAL

Name of the person who passed away	Field/Country he/she demised	Place where born	Points to be noted
RutgerHauer	Actor	Beetsterzwaag, Netherlands	He was best known for his role in the 1982 film "Blade Runner".
Rip Torn	Actor	Temple, Texas, United States	He was known for his acting and comedy.
Cesar Pelli(92)	Architect/New Haven, Connecticut, United States	San Miguel de Tucumán, Argentina	He designed New York's World Financial Center and Kuala Lumpur's(Malaysia) Petronas Twin Towers(a 452m high structure that was the world's tallest building when it was completed in 1998).
Maxim Dadashev(28)	Boxer	Saint Petersburg, Russia	He died from brain injuries sustained during a junior welterweight
Pernell Whitaker(55)	Boxer	Norfolk, Virginia, United States	He was a Olympic boxing gold medallist
Lee Iacocca(94)	Businessman	Pennsylvania, United States	He was the former CEO of Chrysler
Fernando J. Corbato(93)	Computer scientist	Oakland, California, United States	He was credited with inventing the computer password.
Yukiya Amano(72)	Diplomat	Yugawara, Japan	He was the 5th Director-General of the International Atomic Energy Agency
Marc Batchelor(49)	Footballer	Johannesburg, South Africa	He played for South African teams Kaizer Chiefs, Orlando Pirates, MamelodiSundowns, Moroka Swallows & Supersport United and retired in 2003.
Hussein Mohammed Ershad(91)	Military dictator	Dhaka, Bangladesh	The former president who was in office from Dec 1983 to Dec 6 1990 was born on Feb 1, 1930, in Dinhati, Bengal Presidency, British India
Carlin Dunne(36)	Motorcyclist	Santa Barbara, California	He passed away during the 97 th Broadmoor Pikes Peak International Hill Climb.
MomirBulatovic(62)	Politician	Belgrade, PR Serbia, FPR Yugoslavia	He served as Montenegro's President from 1990 until 1998.
Fernando de La Rúa(81)	Politician	Córdoba, Argentina	He served as the former Argentine President

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Li Peng(90)	Politician	Sichuan province in China's south-west.	He was referred as "Butcher of Beijing" for his role in the Tiananmen Square
BejiCaidEssebsi(92)	Politician	SidiBou Said, Tunisia	He succeeded oncefMarzouki to serve as the Fifth President of Tunisia
Johnny Clegg(66)	Singer and Songwriter	Bacup, United Kingdom (UK)	He received the Presidential Order of Ikhamanga as well as a number of honorary doctorates and awards.
Peter McNamara(64)	Tennis star	Melbourne, Australia	He retired in 1987 & started coaching. He reached a career-high No 7 in the world in 1983.
Peter Fonda(79)	Actor	New York, America	He is best known for his role as Wyatt in 1969 movie "Easy Rider".
David Hamilton Koch(79)	American philanthropist	Wichita, Kansas, US	He struggled with prostate cancer.
Richard Williams(86)	Animator	Toronto, Canada	Triple Oscar-winning and triple BAFTA-winning animator Richard Williams, was best known for creating Roger Rabbit.
Takis (Panayiotis Vassilakis) (93)	Artist	Athens, Greece	He was known for his kinetic sculptures, that made use of technology, motion, and light and were displayed in art galleries and museums around the world
Malcolm Nash(74)	Cricketer	Abergavenny, United Kingdom (UK)	Former England cricketer
José Luis Brown(62)	Footballer	Ranchos, Argentina	José worked as coach of the U-23 team of Argentina
Nicolas Leoz(90)	Footballer	Paraguay	He was a key suspect in the FIFA
Christina(72)	Former Dutch Princess	Soestdijk Palace, Netherlands	She is the youngest sister of former Queen of the Netherlands- Beatrix.
Steve Sawyer(63)	Greenpeace warrior & wind energy	Boston	He was the founder of the Global Wind Energy Council (GWEC).
Madan Mani Dixit(96)	Journalist & Litterateur	Kathmandu, Nepal	He was the first photojournalist of Nepal.
Toni Morrison(88)	Novelist	Ohio, America	She was the first African American to win the Nobel Prize for literature.
Dorothy Eleanor Olsen(103)	Pilot	Woodburn, Oregon, US	She is one of the members of a group of civilian volunteers who flew planes during World War II.
Jean Arasanayagam(88)	Poet and fiction writer	Sri Lanka	The author has written over 50 books focused mainly on civil wars, ethnic and Religious turmoils in Sri Lanka as her subject.
Rizia Rahman(79)	Novelist	Kolkata & moved to Bangladesh	She was an awardee of EkusheyPadak in 2019, the 2nd -highest civilian award in Bangladesh.
Franco Columbu(78)	Bodybuilder, powerlifter, actor and author	Ollolai, Italy	He won the title of Mr. Olympia in the year 1976 and 1981.
Hans Rausing(93)	Businessman/ London	Sweden	He credited for turning Pully (Switzerland) based Tetra Pak food packaging company into a global giant.
Abdul Qadir(63)	Cricketer	Lahore, Pakistan	Qadir had played 67 Tests and 104 One Day Internationals (ODI) taking a total of 368 wickets representing his country.
Fernando Ricksen(43)	Footballer	Hoensbroek, Limburg, Netherlands	He earned 12 caps for the Netherlands between 2000 and 2003.
DavoKarnicar(56)	Mountain skier	ZgornjeJezerko	He had skied down the highest mountains in each of the other six continents.
Robert Mugabe(95)	Politician	Rhodesia, Zimbabwe	He was the former President (2nd) and first prime minister of Zimbabwe.
AkilisiPohiva(78)	Politician, Climate change campaigner	Fakakakai, Tonga	He was the first prime minister of the South Pacific island nation
BacharuddinJusuf (B. J.) Habibie(83)	Politician	Parepare, Indonesia	
Zine el-Abidine Ben Ali(83)	Politician	Hammam Sousse, Tunisia	
Jacques René Chirac(86)	Politician	Paris, France	He hold two-term (1995-2007) as French president
Gyorgy Konrad(86)	Writer and Sociologist	Debrecen, eastern Hungary	His famous works were 1969 novel "The Case Worker" and 2007 memoir "A Guest in My Own Country: A Hungarian Life".
Jessye Norman	American opera singer	Augusta, Georgia	She won the prestigious Kennedy CenterHonor in 1997, Grammy Award for Best Opera Recording for "Bartók: Bluebeard's Castle" in 1998.
Jose Romulo Sosa Ortiz	Mexican singer and musician	Mexico City, Mexico	
Peter Edward Ginger Baker	English drummer	London, England	He won the Grammy Lifetime Achievement Award in 2006.
Andres Gimeno	French Open champion	Barcelona, Spain	

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Alexei Leonov	Astronaut	Russia	The first human to walk in space passes away in Moscow Russian astronaut Alexei Leonov, who walked for the first time in space in 1965.
Sara Danius	Swedish Author	Täby, Sweden	1st female head of Nobel's literature award body
Mariekevervoort	Belgianparalympic athlete	Diest, Belgium	MariekeVervoort, Belgian Paralympic athlete has ended her life at the age of 40 through euthanasia (the practice of intentionally ending a life to relieve pain and suffering). Euthanasia is legal in Belgium.
Sadako Ogata	First female UN refugee chief	Minato, Tokyo, Japan	The first woman, the first Japanese person, and the first academic as United Nations High Commissioner for Refugees (UNHCR).
KalidasKarmakar	Painter	Faridpur district ofsouth-central Bangladesh.	Karmakar was born on January 10, 1946, in Faridpur district of south-central Bangladesh.
John Witherspoon(77)	Actor And Comedian	United States(US)	His famous films include Boomerang, Vampire in Brooklyn and The Ladies Man
Dwight Ritchie(27)	Boxer	Shepparton, Australia	His nickname "The Fighting Cowboy", held a 19-2 record.
Anthony Longford Mann(74)	Cricketer	Middle Swan, Australia	
Jacques Dupont(91)	Cyclist	France	He is a French cyclist who won a gold medal in Olympic Games
Clive James(80)	Journalist, writer, and critic	Kogarah, New South Wales, Australia	He was awarded the Philip Hodgins Memorial Medal for Literature
Ernest James Gaines(86)	Novelist	Oscar, Louisiana, US(United States)	He won the National Book Critics Circle Award for fiction for his 1993 novel, A Lesson Before Dying.
Yasuhiro Nakasone(101)	Politician	Takasaki, Japan	Yasuhiro Nakasone served as the Prime Minister (PM) of Japan
Yvette Lundy(103)	Resistance legend & Nazi camps survivor	France	Yvette was made Grand Officer of the Legion of Honour, which is one of the Highests decorations in France.
Brad Gobright(31)	Rock Climber	California, United States (US)	He was well known for his Rock climbing skills & gravity defying solo ascents with no ropes.

LIST OF CABINET MINISTERS

Portfolio	Minister's Name	Constituency
Prime Minister, Ministry of Personnel, Public Grievances and Pensions, Department of Atomic Energy, Department of Space. All important policy issues and all other portfolios not allocated to any Minister	Shri Narendra Modi	Varanasi, Uttar Pradesh
Ministry of Defence	Shri Raj Nath Singh	Lucknow, Uttar Pradesh
Ministry of Home Affairs	Shri Amit Shah	Gandhinagar, Gujarat
Minister of Road Transport and Highways; and Minister of Micro, Small and Medium Enterprises	Shri Nitin Jairam Gadkari	Nagpur, Maharashtra
Minister of Chemicals and Fertilizers	Shri D. V. Sadananda Gowda	Bangalore North, Karnataka
Minister of Finance; and Minister of Corporate Affairs	Smt Nirmala Sitharaman	Rajya Sabha (Karnataka)
Minister of Consumer Affairs, Food and Public Distribution	Shri Ramvilas Paswan	Not Contested in Election
Minister of Agriculture and Farmers Welfare; Minister of Rural Development; and Minister of Panchayati Raj	Shri Narendra Singh Tomar	Morena, Madhya Pradesh
Minister of Law and Justice; Minister of Communications; and Minister of Electronics and Information Technology	Shri Ravi Shankar Prasad	Patna Sahib, Bihar
Minister of Food Processing Industries	Shri Harsimrat Kaur Badal	Bathinda, Punjab
Minister of Social Justice and Empowerment	Shri Thaawar Chand Gehlot	Rajya Sabha (Madhya Pradesh)
Minister of External Affairs	Shri Subrahmanyam Jaishankar	Rajya Sabha (Gujarat)
Minister of Human Resource Development	Shri Ramesh Pokhriyal 'Nishank'	Haridwar, Uttarakhand
Minister of Tribal Affairs	Shri Arjun Munda	Khunti, Jharkhand
Minister of Women and Child Development; and Minister of Textiles	Smt Smriti Zubin Irani	Amethi, Uttar Pradesh
Minister of Health and Family Welfare; Minister of Science and Technology; and Minister of Earth Sciences	Shri Harsh Vardhan	Chandni Chowk, Delhi
Minister of Heavy Industries and Public Enterprise Minister of Environment, Forest and Climate Change; and Minister of Information and Broadcasting	Shri Prakash Javadekar	Rajya Sabha (Madhya Pradesh)
Minister of Petroleum and Natural Gas; and Minister of Steel	Shri Dharmendra Pradhan	Rajya Sabha (Madhya Pradesh)
Minister of Minority Affairs	Shri Mukhtar Abbas Naqvi	Rajya Sabha (Jharkhand)
Minister of Parliamentary Affairs; Minister of Coal; and Minister of Mines	Shri Pralhad Joshi	Dharwad, Karnataka
Minister of Skill Development and Entrepreneurship	Shri Mahendra Nath Pandey	Chandauli, Uttar Pradesh
Minister of Animal Husbandry, Dairying and Fisheries	Shri Giriraj Singh	Begusarai, Bihar

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Minister of Jal Shakti	Shri Gajendra Singh Shekhawat	Jodhpur, Rajasthan
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LIST OF MINISTERS OF STATE (INDEPENDENT CHARGE)

Portfolio	Minister of State (Independent Charge)	Constituency
Minister of State (Independent Charge) of the Ministry of Labour and Employment	Santosh Kumar Gangwar	Bareilly, Uttar Pradesh
Minister of State (Independent Charge) of the Ministry of Statistics and Programme Implementation; and Minister of State (Independent Charge) of the Ministry of Planning	Rao Inderjit Singh	Gurgaon, Haryana
Minister of State (Independent Charge) of the Ministry of Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy (AYUSH); and Minister of State in the Ministry of Defence	Shripad Yesso Naik	North Goa, Goa
Minister of State (Independent Charge) of the Ministry of Development of North Eastern Region; Minister of State in the Prime Minister's Office; The Minister of State in the Ministry of Personnel, Public Grievances and Pensions; Minister of State in the Department of Atomic Energy; and Minister of State in the Department of Space	Jitendra Singh	Udhampur, Jammu and Kashmir
Minister of State (Independent Charge) of the Ministry of Youth Affairs and Sports; and Minister of State in the Ministry of Minority Affairs	Kiren Rijju	Arunachal West, Arunachal Pradesh
Minister of State (Independent Charge) of the Ministry of Culture; and Minister of State (Independent Charge) of the Ministry of Tourism	Prahalad Singh Patel	Damoh, Madhya Pradesh
Minister of State (Independent Charge) of the Ministry of Power; Minister of State (Independent Charge) of the Ministry of New and Renewable Energy; and Minister of State in the Ministry of Skill Development and Entrepreneur	Raj Kumar Singh	Arrah, Bihar
Minister of State (Independent Charge) of the Ministry of Housing and Urban Affairs; Minister of State (Independent Charge) of the Ministry of Civil Aviation; and Minister of State in the Ministry of Commerce and Industry	Hardeep Singh Puri	Lost in Lok Sabha Election
Minister of State (Independent Charge) of the Ministry of Shipping; and Minister of State in the Ministry of Chemicals and Fertilizers	Mansukh L. Mandaviya	Rajya Sabha (Gujarat)

CHIEF MINISTERS & GOVERNORS

State	CM	Governor
Andhra Pradesh	Shri. Jagan Mohan Reddy	Shri Biswa Bhusan Harichandan
Andaman & Nicobar (UT)	U. T	Admiral (Retd) Devendra Kumar Joshi
Arunachal Pradesh	Shri Pema Khandu	Retired Brigadier BD Mishra
Assam	Shri Sarbananda Sonowal	Shri Jagdish Mukhi
Bihar	Shri Nitish Kumar	Faagu Chauhan
Chandigarh (UT)	U. T	Shri V. P. Singh Badnore
Chhatisgarh	Shri Bhupesh Baghel	Anusuiya Uikey
Dadra and Nagar Haveli (UT)	U. T	Shri Vikram Dev Dutt, IAS
Daman and Diu (UT)	U. T	Shri Vikram Dev Dutt, IAS
Delhi	Shri Arvind Kejriwal	Anil Baijal
Goa	Shri Pramod Sawant	Shri Satya Pal Malik
Gujarat	Shri Vijaybhai R. Rupani	Shri Acharya Dev Vrat
Haryana	Shri Manohar Lal	Shri Satyadev Narayan Arya
Himachal Pradesh	Shri Jairam Thakur	Shri Bandaru Dattatreya
Jammu and Kashmir	U. T	Shri Girish Chandra Murmu
Jharkhand	Shri Raghubar Das	Smt. Draupadi Murmu
Karnataka	Shri B. S. Yeddyurappa	Shri Vajubhai Vala
Kerala	Shri Pinarayi Vijayan	Arif Mohammed Khan
Ladakh	U. T	Shri Radha Krishna Mathur
Lakshadweep (UT)	U. T	Shri Vijay Kumar IAS
Madhya Pradesh	Shri Kamal Nath	Shri Lalji Tandon
Maharashtra	Udhav Thackeray	Shri Bhagat Singh Koshyari
Manipur	Shri Nongthombam Biren Singh	Dr. Najma A. Heptulla
Meghalaya	Conrad Sangma	Shri Tathgata Roy
Mizoram	Zoramthanga	PS Sreedharan Pillai
Nagaland	Shri. Neiphiu Rio	Shri R. N. Ravi
Odisha	Shri Naveen Patnaik	Shri Ganeshi Lal
Puducherry (UT)	Shri. V. Narayanasamy	Dr. Kiran Bedi
Punjab	Capt. Amrinder Singh	Shri V. P. Singh Badnore
Rajasthan	Shri Ashok Gehlot	Shri Kalraj Mishra
Sikkim	Shri Prem Singh Tamang	Shri Ganga Prasad
Tamil Nadu	Edappadi K Palaniswami	Shri. Barnwarilal Purohit
Telangana	Shri K Chandrasekhar Rao	Shri Tamilisai Soundararajan
Tripura	Biplab Kumar Deb	Shri Ramesh Baish
Uttar Pradesh	Shri Yogi Aadityanath	Anandi Ben Patel
Uttarakhand	Shri Trivendra Singh Rawat	Baby Rani Maurya
West Bengal	Km. Mamata Banerjee	Shri Jagdeep Dhankhad